

THE LANCET

Supplementary appendix 2

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: GBD 2017 Mortality Collaborators. Global, regional, and national age-sex-specific mortality and life expectancy, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018; **392**: 1684–735.

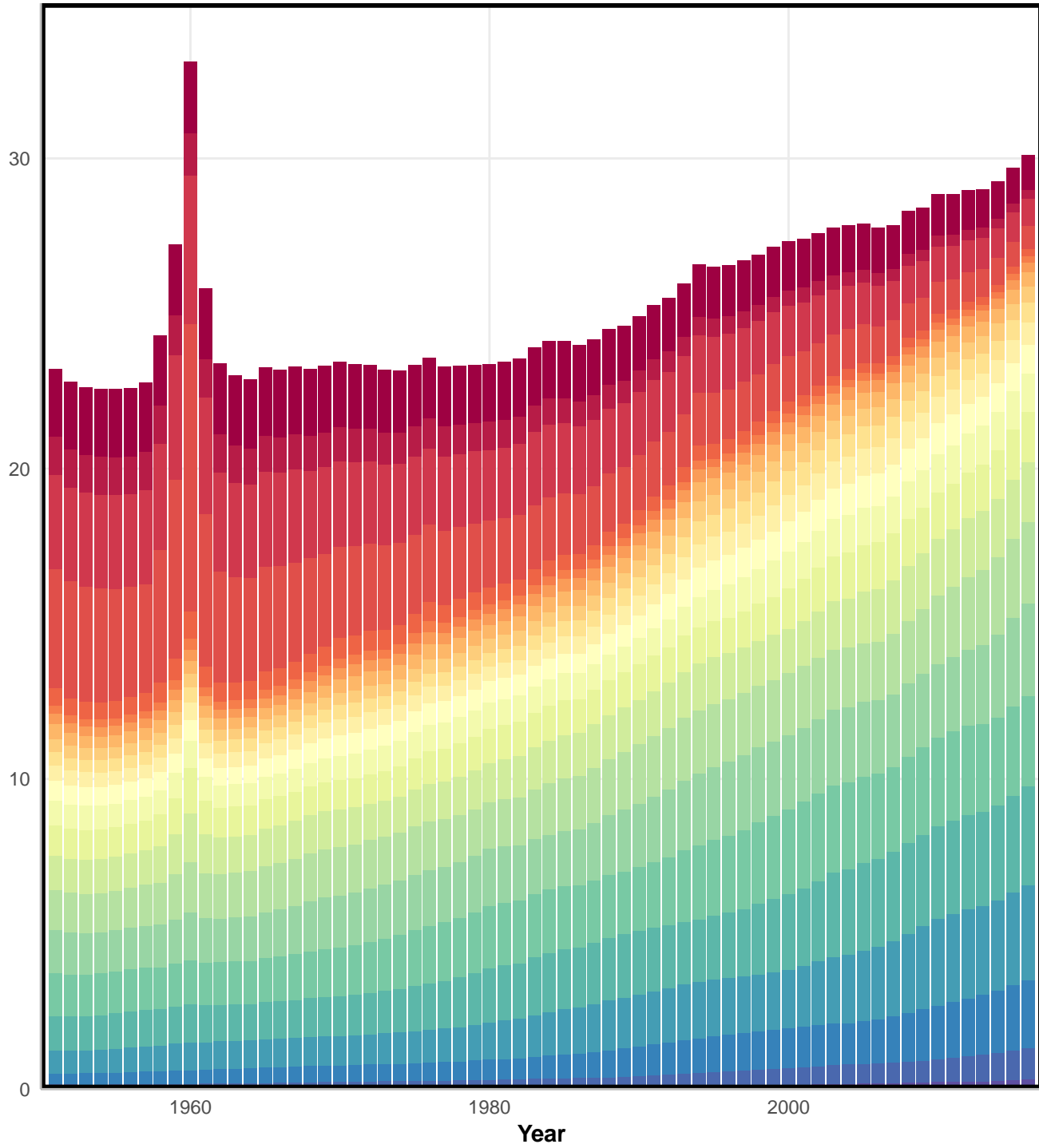
Supplementary results appendix for Global, regional, and national age-specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017

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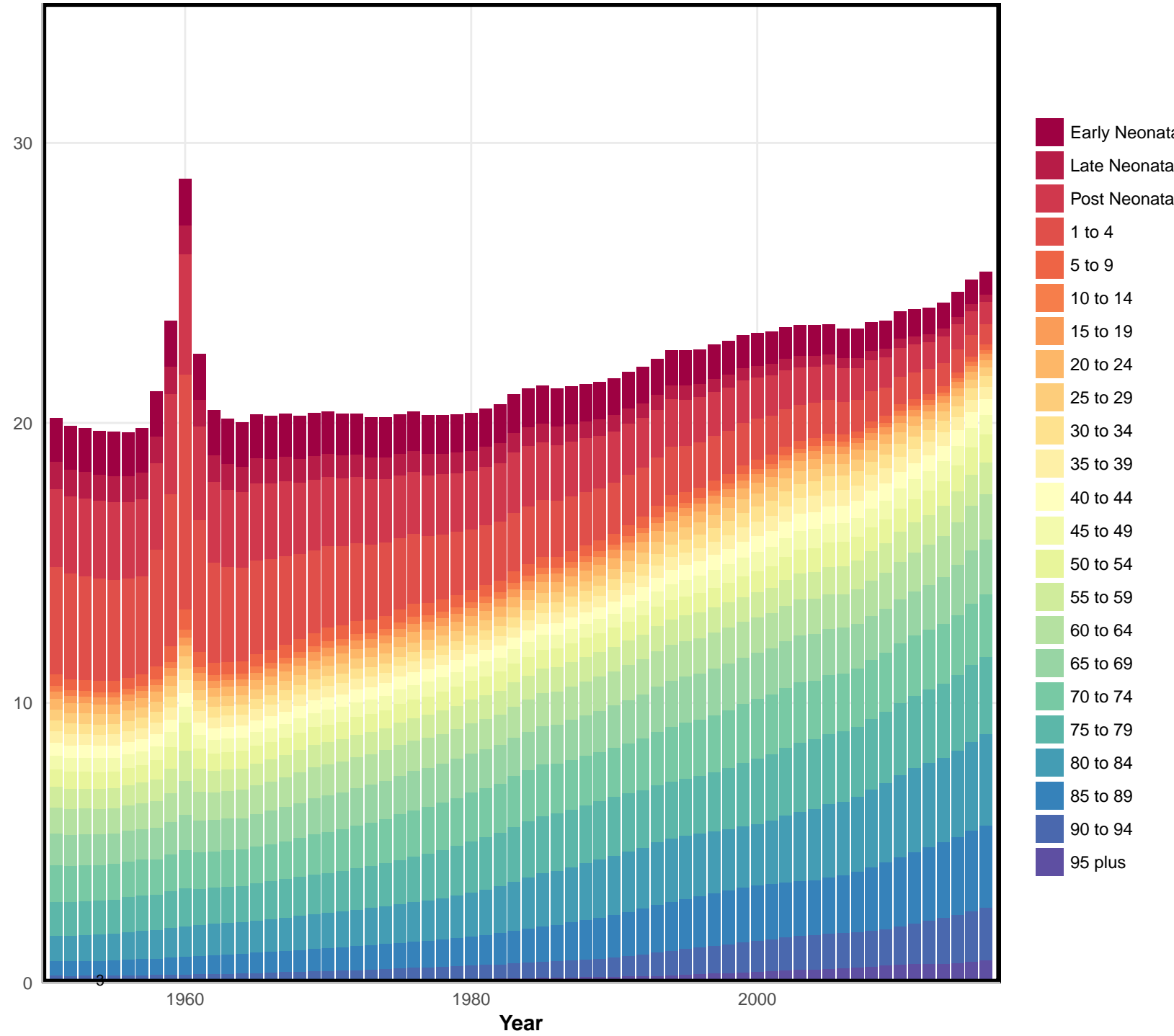
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SR Figure 1: Number of deaths over time by age group, 1950–2017

Males



Females



- Early Neonatal
- Late Neonatal
- Post Neonatal
- 1 to 4
- 5 to 9
- 10 to 14
- 15 to 19
- 20 to 24
- 25 to 29
- 30 to 34
- 35 to 39
- 40 to 44
- 45 to 49
- 50 to 54
- 55 to 59
- 60 to 64
- 65 to 69
- 70 to 74
- 75 to 79
- 80 to 84
- 85 to 89
- 90 to 94
- 95 plus

Figure 2 Comparison of estimates of under-5 mortality from GBD 2017 and IGME 2016

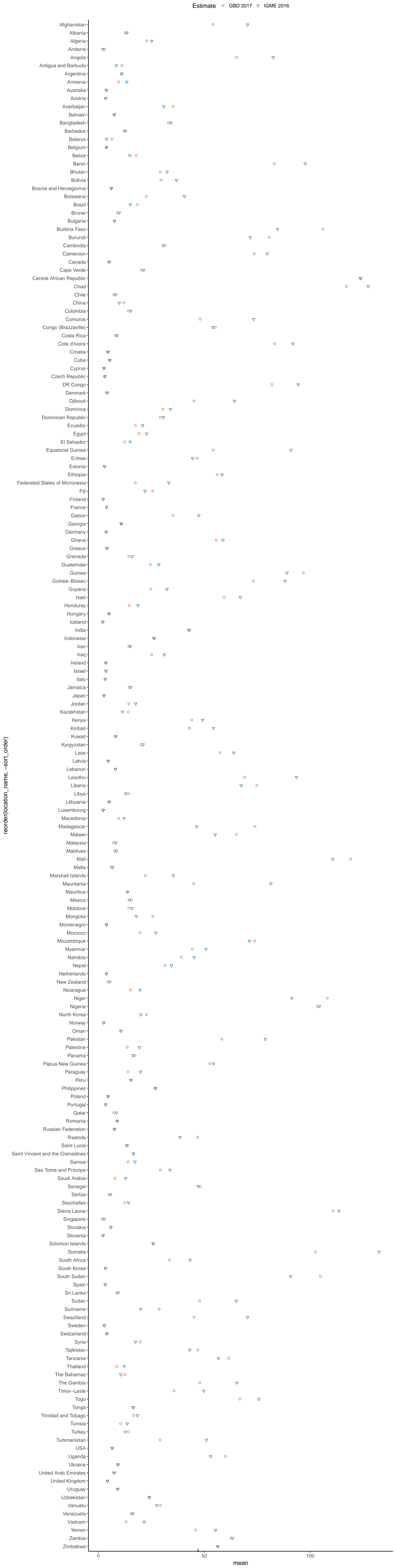


Figure 3 Comparison of life expectancy at birth by location in GBD 2016 vs GBD 2017



Figure 4 Comparison of life expectancy at birth for countries in GBD 2017 vs WPP 2017 for 1950, both sexes

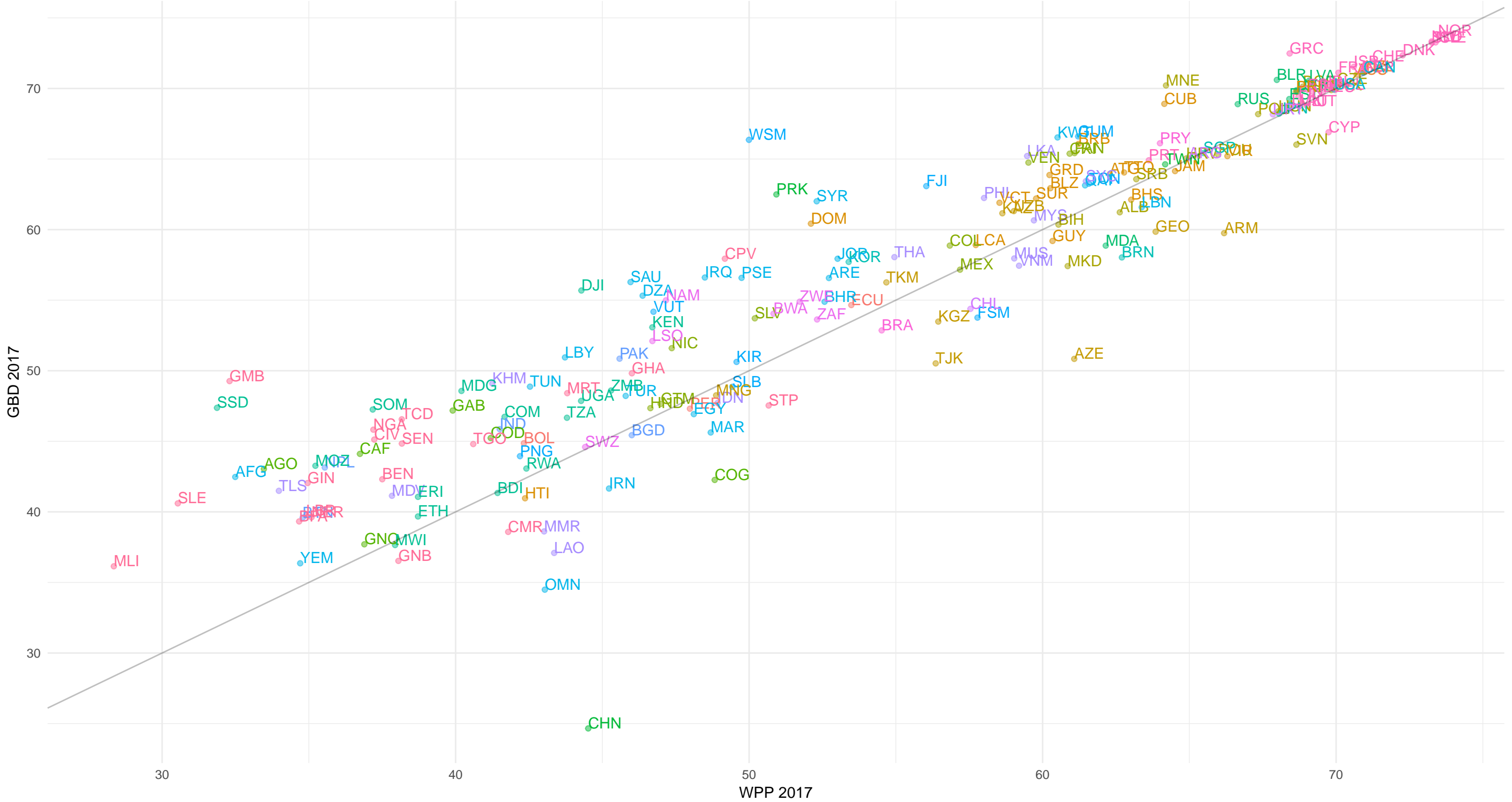
combined CCC: 0.8615292



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| a Australasia | a Central Sub-Saharan Africa | a High-income North America | a Southern Latin America | |
| a Caribbean | a East Asia | a North Africa and Middle East | a Southern Sub-Saharan Africa | |
| a Central Asia | a Eastern Europe | a Oceania | a Tropical Latin America | |
| a Central Europe | a Eastern Sub-Saharan Africa | a South Asia | a Western Europe | |

Comparison of life expectancy at birth for countries in GBD 2017 vs WPP 2017 for 1960, both sexes combined

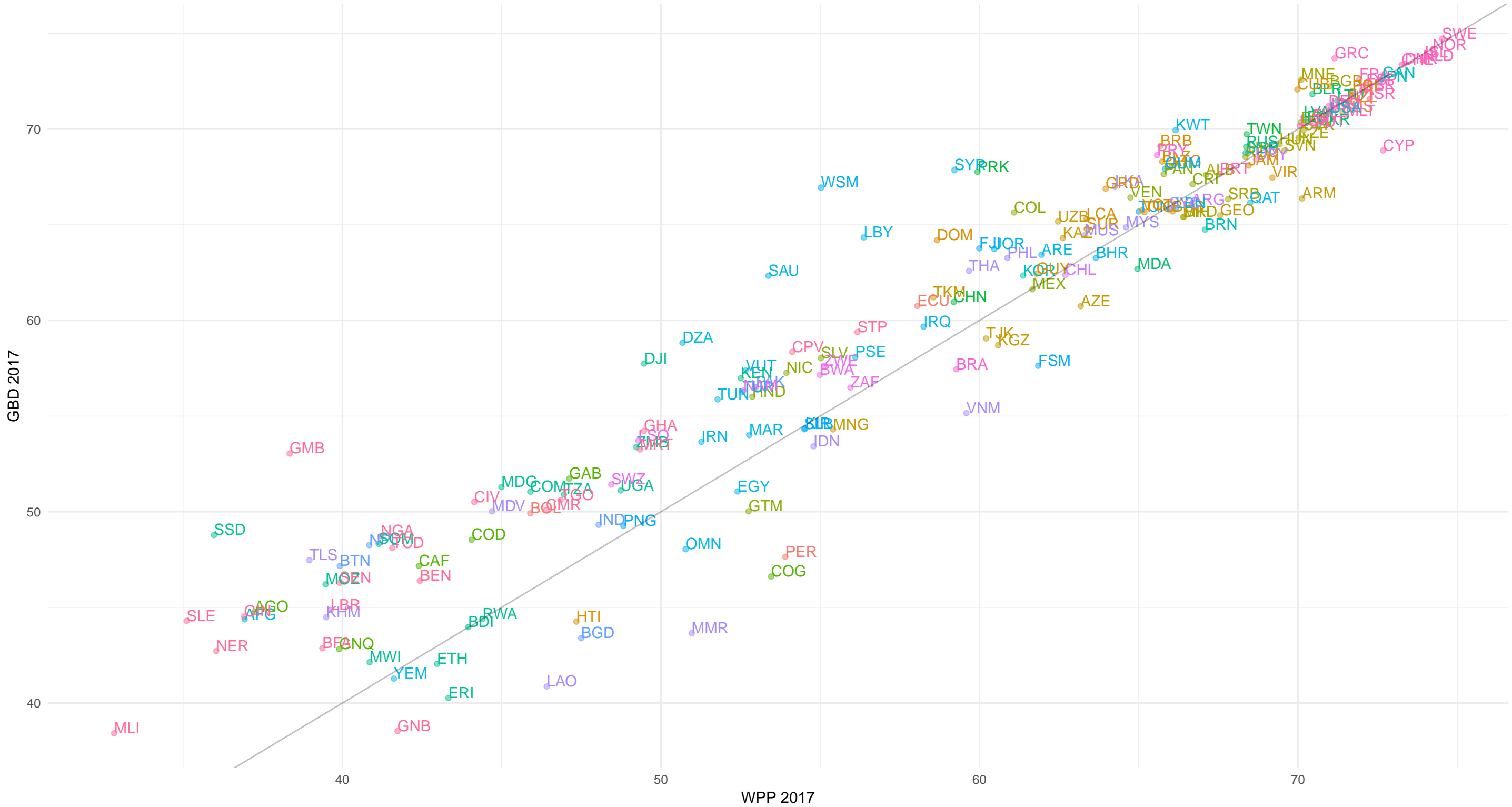
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| | ● Australasia | ● Central Sub-Saharan Africa | ● High-income North America | ● Southern Latin America | |
| | ● Caribbean | ● East Asia | ● North Africa and Middle East | ● Southern Sub-Saharan Africa | |
| | ● Central Asia | ● Eastern Europe | ● Oceania | ● Tropical Latin America | |
| | ● Central Europe | ● Eastern Sub-Saharan Africa | ● South Asia | ● Western Europe | |

Comparison of life expectancy at birth for countries in GBD 2017 vs WPP 2017 for 1970, both sexes combined

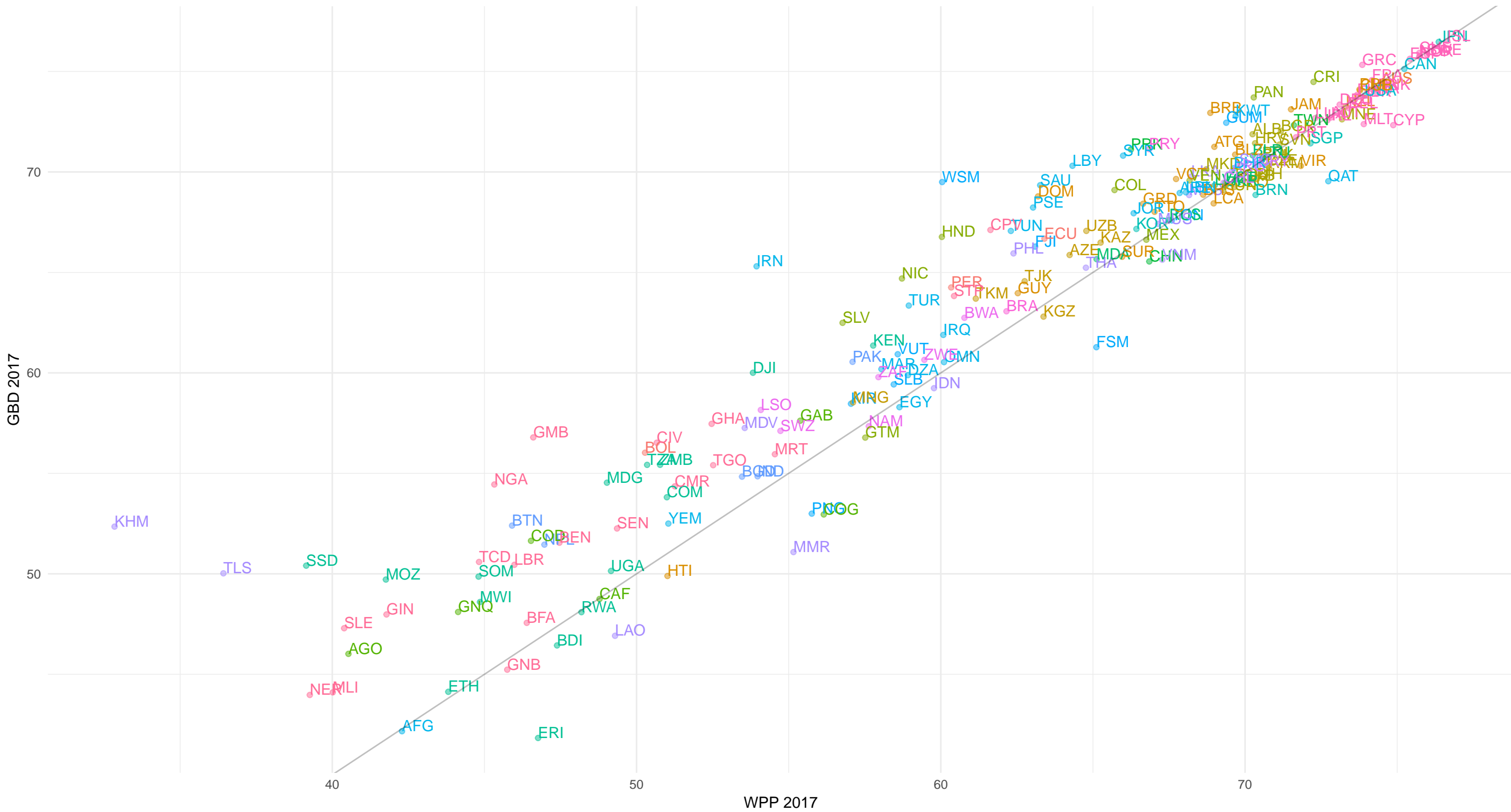
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| | a Australasia | a Central Sub-Saharan Africa | a High-income North America | a Southern Latin America | |
| | a Caribbean | a East Asia | a North Africa and Middle East | a Southern Sub-Saharan Africa | |
| | a Central Asia | a Eastern Europe | a Oceania | a Tropical Latin America | |
| | a Central Europe | a Eastern Sub-Saharan Africa | a South Asia | a Western Europe | |

Comparison of life expectancy at birth for countries in GBD 2017 vs WPP 2017 for 1980, both sexes combined

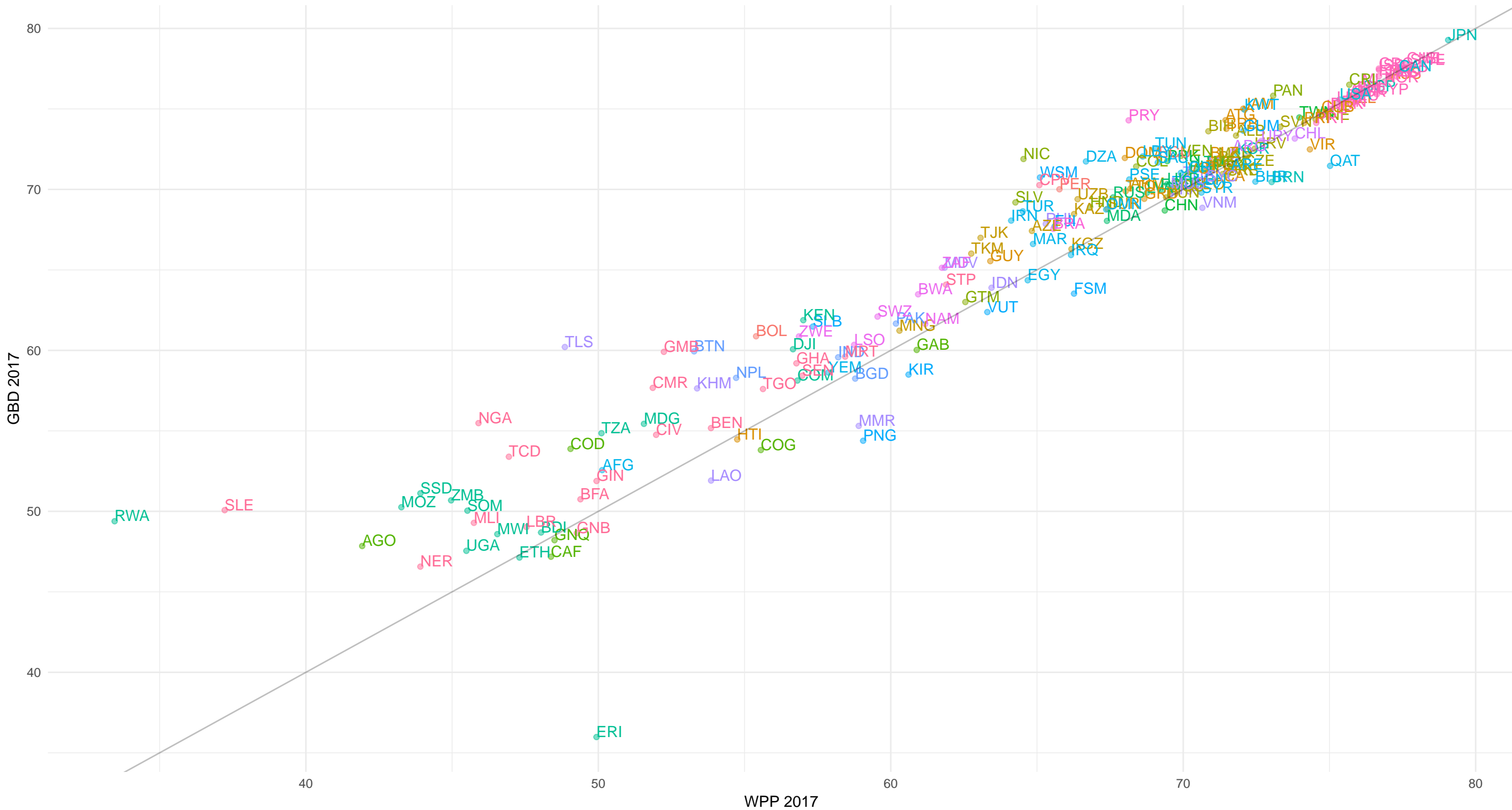
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| | ● Caribbean | ● East Asia | ● North Africa and Middle East | ● Southern Sub-Saharan Africa | |
| | ● Central Asia | ● Eastern Europe | ● Oceania | ● Tropical Latin America | |
| | ● Central Europe | ● Eastern Sub-Saharan Africa | ● South Asia | ● Western Europe | |

Comparison of life expectancy at birth for countries in GBD 2017 vs WPP 2017 for 1990, both sexes combined

CCC: 0.9383326



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| ● Australasia | ● Central Sub-Saharan Africa | ● High-income North America | ● Southern Latin America | |
| Region | ● East Asia | ● North Africa and Middle East | ● Southern Sub-Saharan Africa | |
| ● Caribbean | ● Eastern Europe | ● Oceania | ● Tropical Latin America | |
| ● Central Asia | ● Eastern Sub-Saharan Africa | ● South Asia | ● Western Europe | |
| ● Central Europe | | | | |

Comparison of life expectancy at birth for countries in GBD 2017 vs WPP 2017 for 2000, both sexes combined

CCC: 0.9699195

GBD 2017

40

50

60

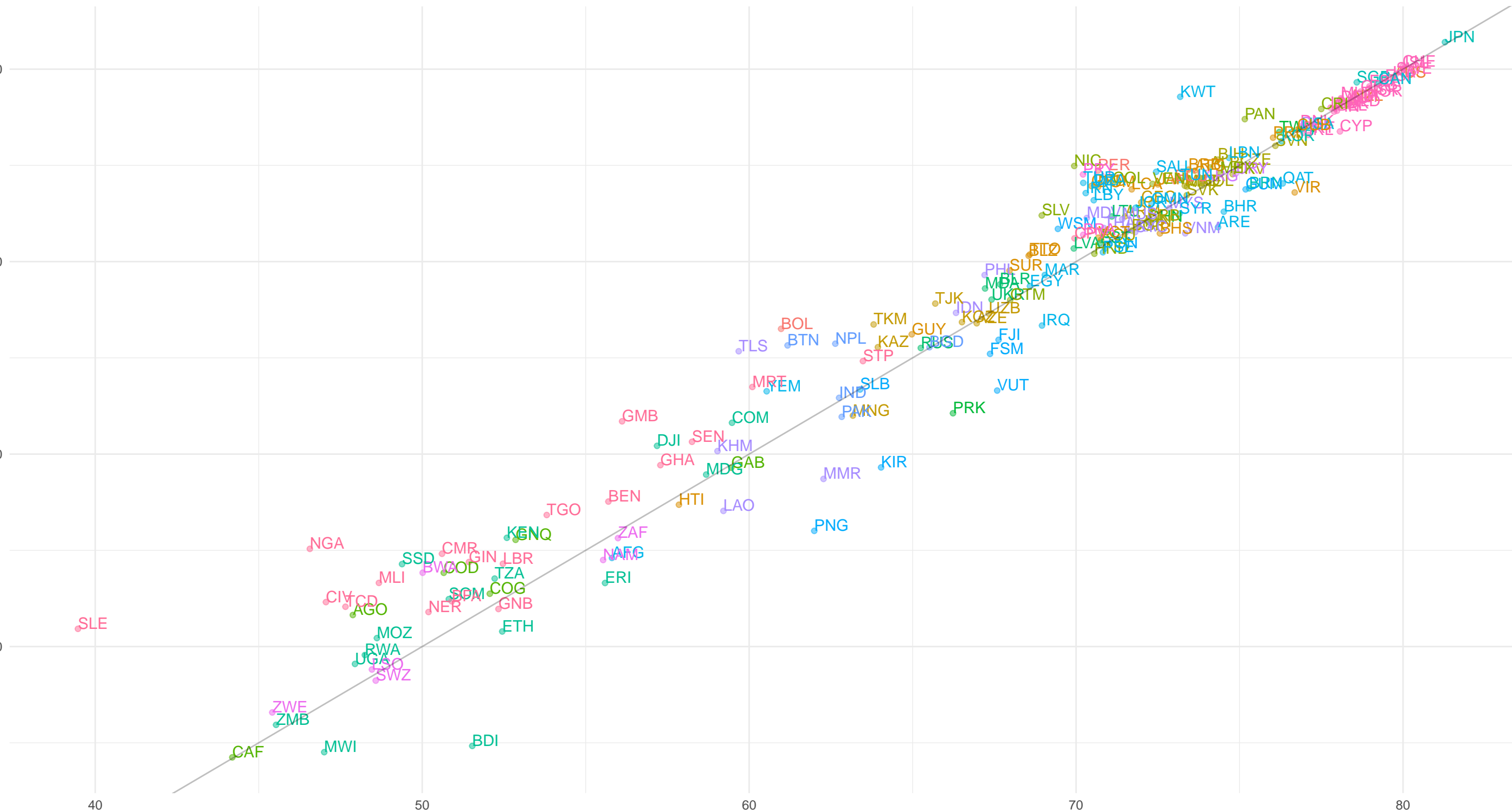
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WPP 2017

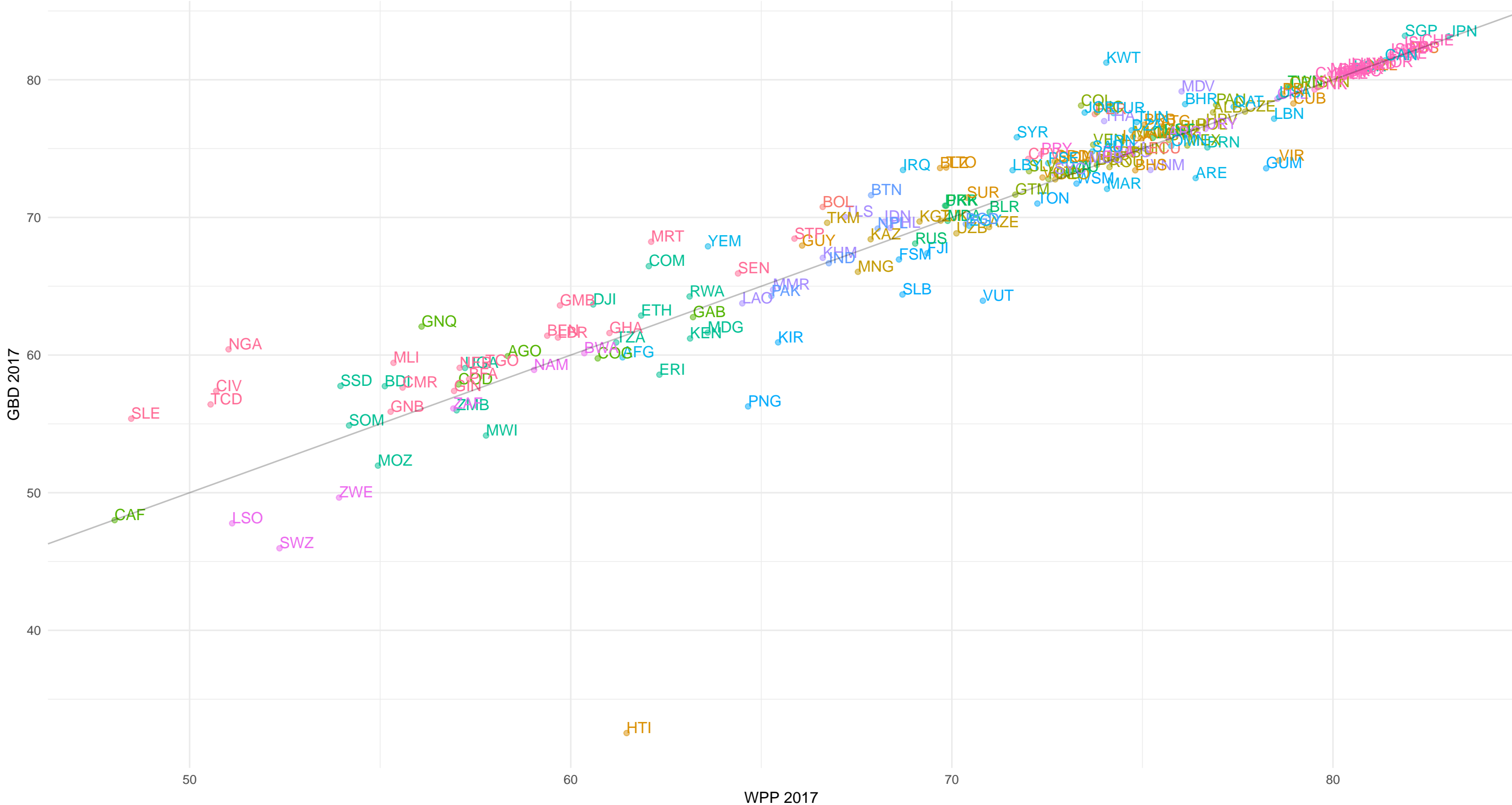
Region

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| ● Caribbean | ● East Asia | ● North Africa and Middle East | ● Southern Sub-Saharan Africa | |
| ● Central Asia | ● Eastern Europe | ● Oceania | ● Tropical Latin America | |
| ● Central Europe | ● Eastern Sub-Saharan Africa | ● South Asia | ● Western Europe | |



Comparison of life expectancy at birth for countries in GBD 2017 vs WPP 2017 for 2010, both sexes combined

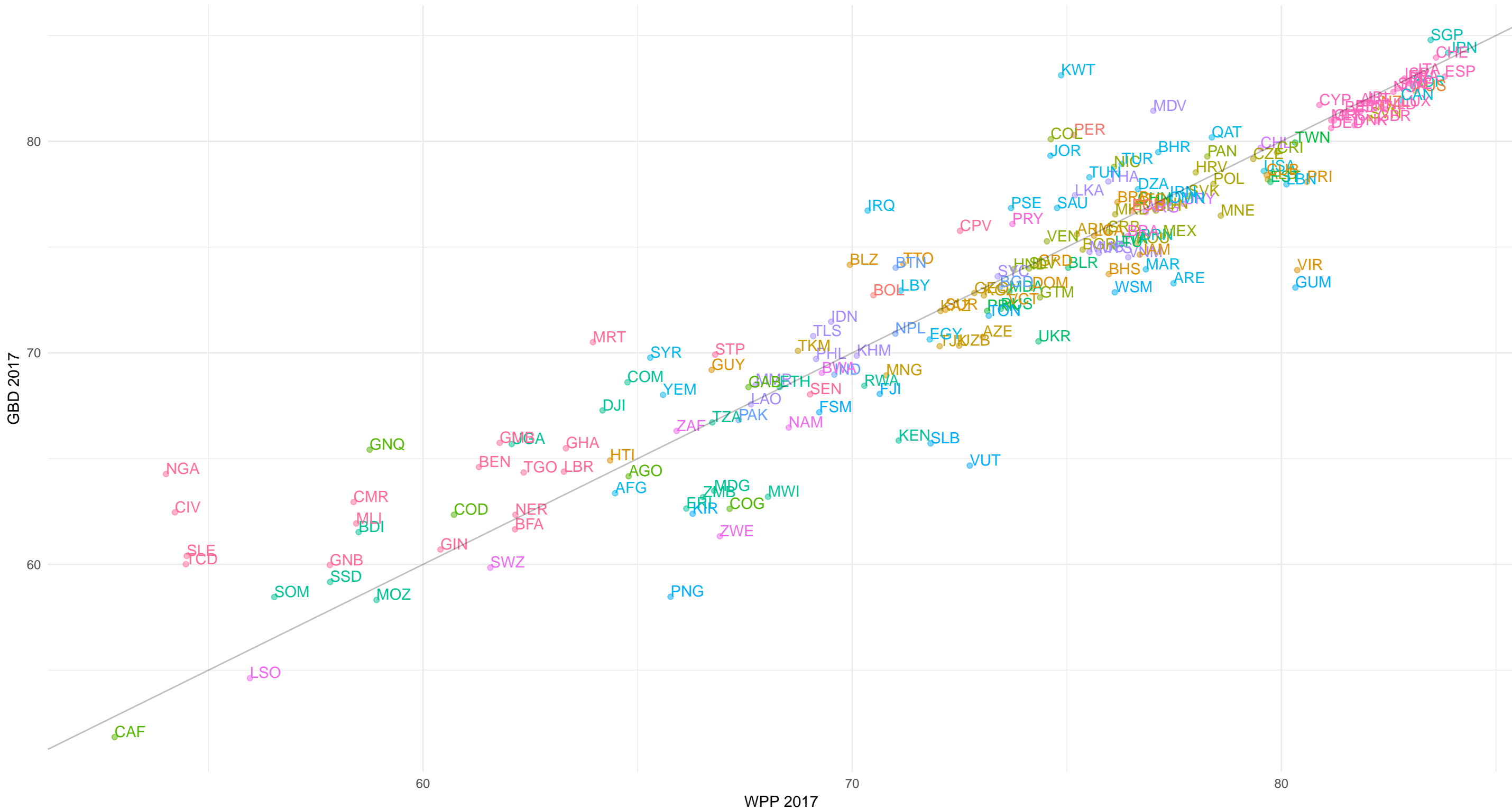
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| a Caribbean | a East Asia | a North Africa and Middle East | a Southern Sub-Saharan Africa | |
| a Central Asia | a Eastern Europe | a Oceania | a Tropical Latin America | |
| a Central Europe | a Eastern Sub-Saharan Africa | a South Asia | a Western Europe | |

Comparison of life expectancy at birth for countries in GBD 2017 vs WPP 2017 for 2017, both sexes combined

CCC: 0.92815



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| a Andean Latin America | a Central Latin America | a High-income Asia Pacific | a Southeast Asia | a Western Sub-Saharan Africa |
| a Australasia | a Central Sub-Saharan Africa | a High-income North America | a Southern Latin America | |
| a Caribbean | a East Asia | a North Africa and Middle East | a Southern Sub-Saharan Africa | |
| a Central Asia | a Eastern Europe | a Oceania | a Tropical Latin America | |
| a Central Europe | a Eastern Sub-Saharan Africa | a South Asia | a Western Europe | |

Table 1 Age-standardized mortality rates by location and year for males for 1950, 1955-2005, 2010, 2017

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
UKI London	1447.6	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI North	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI South	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI East	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI West	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI Midlands	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI Yorkshire	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI Wales	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI Scotland	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI Northern Ireland	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI Overseas	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI Total	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI London	1447.6	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI North	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI South	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI East	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI West	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI Midlands	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI Yorkshire	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI Wales	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI Scotland	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI Northern Ireland	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI Overseas	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1
UKI Total	1378.8	1262.1	1262.1	1262.1	1179.9	1179.9	1179.9	1179.9	1071.1	1071.1	1071.1	1071.1	1071.1	1071.1

Table 1 Age-standardised mortality rates by location and year for males for 1950, 1955, 2005, 2010, 2017

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
UK Bureton	1363.1	1223	1223	1223	1041	1118	904	875	918	821	815	803	804	827
UK Bournemouth	1046.4 (1780)	1046.4 (1780)	1046.4 (1780)	1046.4 (1780)	1046.4 (1780)	1046.4 (1780)	1046.4 (1780)	1046.4 (1780)	1046.4 (1780)	1046.4 (1780)	1046.4 (1780)	1046.4 (1780)	1046.4 (1780)	1046.4 (1780)
UK Bristol, City	1425	1364	1348	1348	1323	1271	1178	1087	1071	924	828	732	652	583
UK Camden	1344.5	1312	1311	1312	1302	1259	1185	1094	931	816	743	695	625	578
UK Devon	1307.2	1258	1263	1264	1264	1166	1078	978	868	769	681	607	543	497
UK Dorset	1298	1229	1229	1229	1089	1129	949	924	824	724	624	524	424	324
UK Gloucestershire	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
UK North Somerset	1308.5	1248.5	1248.5	1248.5	1148.5	1208.5	1028.5	1008.5	908.5	808.5	708.5	608.5	508.5	408.5
UK Plymouth	1474.4	1408.4	1408.4	1408.4	1308.4	1368.4	1188.4	1168.4	1068.4	968.4	868.4	768.4	668.4	568.4
UK Poole	1360	1280	1280	1280	1180	1220	1040	1010	910	810	710	610	510	410
UK Somerset	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
UK South Gloucestershire	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
UK Stroud	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
UK Tisbury	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
UK Wiltshire	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
UK West	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
ENGL West Midlands	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
ENGL West Yorkshire	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
ENGL Yorkshire and the Humber	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
ENGL East of England	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
ENGL East London	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
ENGL South East	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
ENGL South West	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
ENGL North East	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
ENGL North West	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
ENGL London	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
ENGL London, Greater	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
ENGL London, Outer	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
ENGL London, Inner	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
ENGL London, London	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
ENGL London, City	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
ENGL London, London	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413
ENGL London, London	1363.3	1283	1283	1283	1183	1223	1043	1013	913	813	713	613	513	413

Table 1 Age-standardised mortality rates by location and year for males for 1950, 1955, 2005, 2010, 2017

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
KEN Turkana	17335	14887	13062	11929	10623	9355	8248	7403	6683	6065	5542	5109	4764	4504
KEN Loini Gishu	15627	13232	11574	10374	9211	8142	7247	6504	5904	5404	4984	4644	4364	4164
KEN Vihiga	15127	12869	11211	10011	8848	7789	6944	6244	5684	5204	4804	4484	4224	4024
KEN Wajir	14881	12623	11065	9865	8702	7643	6704	5964	5404	5004	4604	4304	4044	3844
KEN West Pokot	14044	11886	10328	9128	8069	7130	6304	5564	4904	4504	4104	3804	3544	3344
MDK Madagapur	2096	1870	1644	1418	1202	1002	826	674	542	430	338	256	184	122
MWI Malawi	14174	12016	10458	9258	8199	7260	6434	5714	5104	4594	4184	3874	3564	3254
MZQ Mozambique	3282	2816	2450	2184	1918	1652	1386	1120	854	588	322	156	70	34
RWA Rwanda	2386	2020	1754	1588	1422	1256	1090	924	758	592	426	260	94	28
SOM Somalia	2022	1756	1590	1424	1258	1092	926	760	594	428	262	96	30	14
SSD South Sudan	2484	2118	1852	1686	1520	1354	1188	1022	856	690	524	358	192	86
TZA Tanga	2064	1898	1732	1566	1400	1234	1068	902	736	570	404	238	72	26
UGA Uganda	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1
ZMB Zambia	2042	1876	1710	1544	1378	1212	1046	880	714	548	382	216	50	14
Southern sub-Saharan Africa	2719	2353	2087	1821	1555	1289	1023	757	491	225	69	13	4	0
BWA Botswana	2726	2360	2094	1828	1562	1296	1030	764	498	232	66	10	3	0
LSD Lesotho	2726	2360	2094	1828	1562	1296	1030	764	498	232	66	10	3	0
NAM Namibia	2726	2360	2094	1828	1562	1296	1030	764	498	232	66	10	3	0
SWZ Swaziland	2726	2360	2094	1828	1562	1296	1030	764	498	232	66	10	3	0
ZWE Zimbabwe	2726	2360	2094	1828	1562	1296	1030	764	498	232	66	10	3	0
Western sub-Saharan Africa	2726	2360	2094	1828	1562	1296	1030	764	498	232	66	10	3	0
BEA Benin	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1
BFA Burkina Faso	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1
CMR Cameroon	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1
CIV Cote d'Ivoire	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1
ETH Ethiopia	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1
GHA Ghana	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1
GIN Guinea	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1
GNB Guinea-Bissau	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1
LRB Liberia	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1
MLI Mali	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1
MRT Mauritania	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1
NER Niger	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1
NIG Nigeria	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1
STP Sao Tome and Principe	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1
SEN Senegal	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1
SE Simbabwe	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1
TGO Togo	3019	2653	2287	1921	1555	1189	823	457	291	125	59	23	7	1

Table 1 Age-standardised mortality rates by location and year for both sexes for 1950, 1955, 1960, 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2005, 2010, 2017

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
KEN Turkana	1396.4	1047.2	1519.9	1734.8	1713.8	1526.6	1470.9	1470.9	1470.9	1470.9	1470.9	1470.9	1470.9	1470.9
KEN Union Ghub	1591.3	1074.2	1454.3	1591.8	1530.9	1362.9	1242.9	1202.9	1224.4	1317.3	1418.5	1418.5	1418.5	1418.5
KEN Vihiga	1862.9	1184.2	1464.4	1587.8	1530.9	1362.9	1242.9	1202.9	1224.4	1317.3	1418.5	1418.5	1418.5	1418.5
KEN Wajir	1862.9	1184.2	1464.4	1587.8	1530.9	1362.9	1242.9	1202.9	1224.4	1317.3	1418.5	1418.5	1418.5	1418.5
KEN West Pokot	1862.9	1184.2	1464.4	1587.8	1530.9	1362.9	1242.9	1202.9	1224.4	1317.3	1418.5	1418.5	1418.5	1418.5
MDK Madagascar	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
MWI Malawi	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
MZQ Mozambique	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
RWA Rwanda	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
SOM Somalia	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
SSD South Sudan	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
TZA Tanzania	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
UGA Uganda	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
ZMB Zambia	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
Southern sub-Saharan Africa	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
BWA Botswana	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
LSO Lesotho	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
NAM Namibia	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
ZAF South Africa	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
SWZ Swaziland	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
ZWE Zimbabwe	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
Western sub-Saharan Africa	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
BEA Benin	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
BFA Burkina Faso	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
CMR Cameroon	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
CIV Cote d'Ivoire	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
GNB Guinea Bissau	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
GNB Guinea	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
GHA Ghana	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
GIN Gambia	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
GNB Guinea Bissau	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
LRB Liberia	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
MWI Malawi	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
MRT Mauritius	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
NER Niger	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
NGA Nigeria	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
STP Sao Tome and Principe	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
SEN Senegal	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
SEI Sierra Leone	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4
TGO Togo	2084.2	1099.6	1399.6	1579.9	1566.7	1404.4	1279.9	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4	1204.4

Table 1 Age-standardized mortality rates by location and year for females for 1950, 1955, 2005, 2010, 2017

Table with 15 columns (Location, 1950, 1955, 1960, 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2005, 2010, 2017). Rows list various countries and regions such as UK, USA, France, Germany, etc., with corresponding mortality rates for each year.

Table 1 Age-standardised mortality rates by location and year for females for 1950, 1955, 2005, 2010, 2017

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
KEN Turkana	1381.2	1216.1	1204.4	1371.2	1371.2	1474.6	1551.5	1500.2	1500.2	1526.7	1526.7	1782.2	1826.3	1826.3
KEN Union Ghub	1581.8	1381.2	1381.2	1581.8	1581.8	1781.2	1826.3	1826.3	1826.3	1826.3	1826.3	1826.3	1826.3	1826.3
KEN Vihiga	1182.6	1182.6	1182.6	1182.6	1182.6	1182.6	1182.6	1182.6	1182.6	1182.6	1182.6	1182.6	1182.6	1182.6
KEN Wajir	1921.1	1921.1	1921.1	1921.1	1921.1	1921.1	1921.1	1921.1	1921.1	1921.1	1921.1	1921.1	1921.1	1921.1
KEN West Pokot	1996.5	1996.5	1996.5	1996.5	1996.5	1996.5	1996.5	1996.5	1996.5	1996.5	1996.5	1996.5	1996.5	1996.5
MDG Madagascar	1071.7	1071.7	1071.7	1071.7	1071.7	1071.7	1071.7	1071.7	1071.7	1071.7	1071.7	1071.7	1071.7	1071.7
MWI Malawi	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
MZM Mozambique	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
RWA Rwanda	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
SOM Somalia	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
SSD South Sudan	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
TZA Tanzania	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
UGA Uganda	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
ZMB Zambia	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
Southern sub-Saharan Africa	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
BWA Botswana	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
LSD Lesotho	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
NAM Namibia	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
ZAF South Africa	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
SWZ Swaziland	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
ZWE Zimbabwe	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
Western sub-Saharan Africa	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
BEN Benin	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
BFA Burkina Faso	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
CMR Cameroon	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
CPV Cape Verde	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
ICD Chad	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
COG Congo (Brazzaville)	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
OMI The Gambia	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
GIN Guinea	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
GNB Guinea-Bissau	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
LRB Liberia	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
MLI Mali	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
MRT Mauritania	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
NER Niger	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
NGA Nigeria	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
STP Sao Tome and Principe	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
SEN Senegal	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
SIERRA Leone	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3
TGO Togo	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3	2071.3

Table 2 Under-5 death numbers by location and year for 1950, 1955, 2005, 2010, 2017 - both sexes

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Algeria	115	100	80	65	50	40	30	20	15	10	5	3	2	1
Algeria	115	100	80	65	50	40	30	20	15	10	5	3	2	1
Algeria	115	100	80	65	50	40	30	20	15	10	5	3	2	1
Algeria	115	100	80	65	50	40	30	20	15	10	5	3	2	1
Algeria	115	100	80	65	50	40	30	20	15	10	5	3	2	1

Table 2 Under-5 death numbers by location and year for 1950, 1955, 2005, 2010, 2017 - both sexes

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Tanzania	210	211	209	211	214	215	216	215	212	209	206	205	204	201
Taiwan	590	594	598	603	608	613	618	623	628	633	638	643	648	653
Tajikistan	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Togo	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Uganda	100	101	102	103	104	105	106	107	108	109	110	111	112	113
United Arab Emirates	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Uruguay	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Uzbekistan	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Vietnam	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Yemen	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Zambia	15	15	15	15	15	15	15	15	15	15	15	15	15	15

Table 3 Under-5 death numbers by location and year for 1950, 1955, 2005, 2010, 2017 - females

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Algeria	(4.30)	(5.7)	(4.5)	(4.5)	(4.5)	(5.4)	(5.4)	(5.2)	(5.2)	(5.2)	(5.1)	(5.1)	(5.1)	(5.1)
Bahia	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Benin	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)
Burkina Faso	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
Cameroon	(0.9)	(0.9)	(0.9)	(0.9)	(0.9)	(0.9)	(0.9)	(0.9)	(0.9)	(0.9)	(0.9)	(0.9)	(0.9)	(0.9)
Chad	(1.6)	(1.6)	(1.6)	(1.6)	(1.6)	(1.6)	(1.6)	(1.6)	(1.6)	(1.6)	(1.6)	(1.6)	(1.6)	(1.6)
Cote d'Ivoire	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)
DRC	(2.1)	(2.1)	(2.1)	(2.1)	(2.1)	(2.1)	(2.1)	(2.1)	(2.1)	(2.1)	(2.1)	(2.1)	(2.1)	(2.1)
Egypt	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)	(2.3)
Guinea	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)
India	(3.1)	(3.1)	(3.1)	(3.1)	(3.1)	(3.1)	(3.1)	(3.1)	(3.1)	(3.1)	(3.1)	(3.1)	(3.1)	(3.1)
Indonesia	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Kenya	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Korea	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Madagascar	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Mali	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Morocco	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Niger	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Nigeria	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Rwanda	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Senegal	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Sierra Leone	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Sudan	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Tanzania	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Togo	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Tunisia	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Zambia	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Zimbabwe	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
World	(4.5)	(4.5)	(4.5)	(4.5)	(4.5)	(4.5)	(4.5)	(4.5)	(4.5)	(4.5)	(4.5)	(4.5)	(4.5)	(4.5)

Table 3 Under-5 death numbers by location and year for 1950, 1955, 2005, 2010, 2017 - females

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Tanzania	125	124	124	114	114	107	82	49	49	49	32	23	14	8
Togo	45	45	45	45	45	45	45	45	45	45	45	45	45	45
Tonga	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Turkey	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Uganda	514	514	514	514	514	514	514	514	514	514	514	514	514	514
Uzbekistan	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Vietnam	125	124	124	114	114	107	82	49	49	49	32	23	14	8
Yemen	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Zambia	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Zimbabwe	514	514	514	514	514	514	514	514	514	514	514	514	514	514
World	125	124	124	114	114	107	82	49	49	49	32	23	14	8

Table 4 Under-5 death numbers by location and year for 1950, 1955, 2005, 2010, 2017 - males

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Tanzania	165	165	164	176	176	179	193	217	243	266	284	294	294	294
Togo	125	125	125	125	125	125	125	125	125	125	125	125	125	125
Taiwan	41	45	45	45	45	45	45	45	45	45	45	45	45	45
Tajikistan	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Togo	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Turkmenistan	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Uganda	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Uzbekistan	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Vietnam	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Yemen	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Zambia	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Zimbabwe	4	4	4	4	4	4	4	4	4	4	4	4	4	4
World	4	4	4	4	4	4	4	4	4	4	4	4	4	4

Table 4 Under-5 death numbers by location and year for 1950, 1955, 2005, 2010, 2017 - males

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Turkmen	(0-1)	(0-1)	(0-1)	(0-1)	(0-1)	(0-1)	(0-1)	(0-1)	(0-1)	(0-1)	(0-1)	(0-1)	(0-1)	(0-1)
Urain Ghub	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vilpaj	(0-0)	(0-0)	(0-0)	(0-0)	(0-0)	(0-0)	(0-0)	(0-1)	(0-1)	(0-1)	(0-1)	(0-1)	(0-1)	(0-0)
Wajr	(0-0)	(0-0)	(0-0)	(0-0)	(0-0)	(0-1)	(0-1)	(0-1)	(0-1)	(0-1)	(0-1)	(0-1)	(0-1)	(0-1)
West Pakt	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Madagascar	(18-31)	(21-32)	(23-34)	(26-37)	(30-41)	(34-45)	(38-49)	(42-53)	(46-57)	(50-61)	(54-65)	(58-69)	(62-73)	(66-77)
Malawi	(30-43)	(34-47)	(38-51)	(42-55)	(46-59)	(50-63)	(54-67)	(58-71)	(62-75)	(66-79)	(70-83)	(74-87)	(78-91)	(82-95)
Mozambique	(43-56)	(47-60)	(51-64)	(55-68)	(59-72)	(63-76)	(67-80)	(71-84)	(75-88)	(79-92)	(83-96)	(87-100)	(91-104)	(95-108)
Rwanda	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Somalia	(14-25)	(15-26)	(16-27)	(17-28)	(18-29)	(19-30)	(20-31)	(21-32)	(22-33)	(23-34)	(24-35)	(25-36)	(26-37)	(27-38)
South Sudan	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Tanzania	(11-20)	(12-21)	(13-22)	(14-23)	(15-24)	(16-25)	(17-26)	(18-27)	(19-28)	(20-29)	(21-30)	(22-31)	(23-32)	(24-33)
Uganda	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)
Yemen	(31-58)	(32-59)	(33-60)	(34-61)	(35-62)	(36-63)	(37-64)	(38-65)	(39-66)	(40-67)	(41-68)	(42-69)	(43-70)	(44-71)
South Africa	(14-24)	(15-25)	(16-26)	(17-27)	(18-28)	(19-29)	(20-30)	(21-31)	(22-32)	(23-33)	(24-34)	(25-35)	(26-36)	(27-37)
Southern sub-Saharan Africa	(58-77)	(60-79)	(62-81)	(64-83)	(66-85)	(68-87)	(70-89)	(72-91)	(74-93)	(76-95)	(78-97)	(80-99)	(82-101)	(84-103)
Botswana	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)
Lesotho	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Namibia	(2-3)	(2-3)	(2-3)	(2-3)	(2-3)	(2-3)	(2-3)	(2-3)	(2-3)	(2-3)	(2-3)	(2-3)	(2-3)	(2-3)
South Africa	(41-56)	(42-57)	(43-58)	(44-59)	(45-60)	(46-61)	(47-62)	(48-63)	(49-64)	(50-65)	(51-66)	(52-67)	(53-68)	(54-69)
Swaziland	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)	(1-2)
Zimbabwe	(8-15)	(9-16)	(10-17)	(11-18)	(12-19)	(13-20)	(14-21)	(15-22)	(16-23)	(17-24)	(18-25)	(19-26)	(20-27)	(21-28)
Western sub-Saharan Africa	(67-84)	(69-86)	(71-88)	(73-90)	(75-92)	(77-94)	(79-96)	(81-98)	(83-100)	(85-102)	(87-104)	(89-106)	(91-108)	(93-110)
Benin	20	19	18	17	16	15	14	13	12	11	10	9	8	7
Burkina Faso	(13-54)	(14-55)	(15-56)	(16-57)	(17-58)	(18-59)	(19-60)	(20-61)	(21-62)	(22-63)	(23-64)	(24-65)	(25-66)	(26-67)
Cameroon	(35-41)	(36-42)	(37-43)	(38-44)	(39-45)	(40-46)	(41-47)	(42-48)	(43-49)	(44-50)	(45-51)	(46-52)	(47-53)	(48-54)
Cape Verde	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Chad	(18-32)	(19-33)	(20-34)	(21-35)	(22-36)	(23-37)	(24-38)	(25-39)	(26-40)	(27-41)	(28-42)	(29-43)	(30-44)	(31-45)
Cote d'Ivoire	(26-29)	(27-30)	(28-31)	(29-32)	(30-33)	(31-34)	(32-35)	(33-36)	(34-37)	(35-38)	(36-39)	(37-40)	(38-41)	(39-42)
The Gambia	(1-3)	(1-3)	(1-3)	(1-3)	(1-3)	(1-3)	(1-3)	(1-3)	(1-3)	(1-3)	(1-3)	(1-3)	(1-3)	(1-3)
Ghana	(36-59)	(38-61)	(40-63)	(42-65)	(44-67)	(46-69)	(48-71)	(50-73)	(52-75)	(54-77)	(56-79)	(58-81)	(60-83)	(62-85)
Guinea	(24-49)	(25-50)	(26-51)	(27-52)	(28-53)	(29-54)	(30-55)	(31-56)	(32-57)	(33-58)	(34-59)	(35-60)	(36-61)	(37-62)
Guinea-Bissau	7	7	7	6	6	6	6	6	5	5	5	4	4	3
Liberia	(7-13)	(8-14)	(9-15)	(10-16)	(11-17)	(12-18)	(13-19)	(14-20)	(15-21)	(16-22)	(17-23)	(18-24)	(19-25)	(20-26)
Madagascar	(43-76)	(45-78)	(47-80)	(49-82)	(51-84)	(53-86)	(55-88)	(57-90)	(59-92)	(61-94)	(63-96)	(65-98)	(67-100)	(69-102)
Mali	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Mauritania	(4-9)	(4-9)	(4-9)	(4-9)	(4-9)	(4-9)	(4-9)	(4-9)	(4-9)	(4-9)	(4-9)	(4-9)	(4-9)	(4-9)
Niger	(24-41)	(25-42)	(26-43)	(27-44)	(28-45)	(29-46)	(30-47)	(31-48)	(32-49)	(33-50)	(34-51)	(35-52)	(36-53)	(37-54)
Nigeria	(206-492)	(208-494)	(209-495)	(210-496)	(211-497)	(212-498)	(213-499)	(214-500)	(215-501)	(216-502)	(217-503)	(218-504)	(219-505)	(220-506)
Sao Tome and Principe	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Senegal	(16-26)	(17-27)	(18-28)	(19-29)	(20-30)	(21-31)	(22-32)	(23-33)	(24-34)	(25-35)	(26-36)	(27-37)	(28-38)	(29-39)
Sierra Leone	(11-27)	(12-28)	(13-29)	(14-30)	(15-31)	(16-32)	(17-33)	(18-34)	(19-35)	(20-36)	(21-37)	(22-38)	(23-39)	(24-40)
Togo	(8-17)	(9-18)	(10-19)	(11-20)	(12-21)	(13-22)	(14-23)	(15-24)	(16-25)	(17-26)	(18-27)	(19-28)	(20-29)	(21-30)

Table 5 Life expectancy at birth in 2015 from UN, WHO, census, and GBD 2017

Location	GBD 2017 Female	GBD 2017 Male	WPP 2017 Female	WPP 2017 Male	WHO Female	WHO Male	US Census Bureau Female	US Census Bureau Male
Afghanistan	61.7	60.6	64.87	62.358	64.7	61.8	52.3	49.5
Albania	81.8	74.8	80.668	77.128	78.2	74.2	81.0	75.5
Algeria	77.8	76.5	77.276	74.976	77.2	75.3	78.0	75.3
Angola	65.8	60.8	65.88	60.056	64.5	59.9	56.8	54.5
Antigua and Barbuda	78.7	75.0	78.72	73.728	77.4	72.5	78.5	74.2
Argentina	79.5	73.4	80.322	72.636	80.1	73.3	80.2	73.8
Armenia	78.4	72.0	77.744	71.408	77.9	70.9	78.0	71.1
Australia	84.6	80.4	84.794	80.822	84.5	80.6	84.7	79.7
Austria	83.9	79.0	83.894	79.012	83.8	78.9	84.2	78.8
Azerbaijan	74.4	66.9	75.27	69.606	75.5	70.2	75.5	69.2
Bahrain	80.1	78.7	77.916	76.03	79.4	78.3	81.0	76.5
Bangladesh	73.8	71.4	74.684	70.756	74	70.7	75.1	70.8
Barbados	78.5	75.5	78.22	73.378	77.9	72.9	77.6	72.8
Belarus	78.8	68.5	79.174	68.328	78.8	68.6	78.4	66.9
Belgium	83.3	78.5	83.438	78.678	83.2	78.6	83.6	78.3
Belize	77.3	71.1	72.918	67.304	73.2	67.7	70.3	67.0
Benin	65.6	61.5	62.2	59.276	62	59.3	62.9	60.1
Bhutan	75.4	71.8	70.202	70.01	70.3	70	70.5	68.6
Bosnia and Herzegovina	78.6	74.2	79.27	74.214	79.6	74.5	79.8	73.5
Botswana	68.5	65.1	70.6	62.986	67.9	62.6	52.3	56.0
Brazil	79.0	71.9	79.328	72.082	78.6	71.2	77.3	70.0
Bulgaria	78.3	71.4	78.404	71.532	78.3	71.2	77.9	71.1
Burkina Faso	63.4	58.0	61.312	60.09	60.4	59.1	57.2	53.1
Burundi	62.8	58.9	59.636	55.488	61.4	58	61.8	58.5
Cambodia	72.1	66.2	70.87	67.162	70.8	67	66.7	61.7
Cameroon	63.1	59.4	59.078	56.118	58.8	55.7	59.3	56.6
Canada	83.8	79.6	84.26	80.44	84.5	80.6	84.5	79.2
Central African Republic	53.2	48.8	53.204	49.72	53.5	51.6	53.2	50.5
Chad	60.9	57.8	54.726	52.002	54.9	52.5	51.0	48.6
Chile	82.2	77.0	81.626	76.666	82.3	76.4	81.8	75.6
China	79.3	74.0	77.776	74.854	77.7	74.8	77.7	73.4
Colombia	82.4	77.4	77.858	70.778	78.6	71.3	78.8	72.3
Comoros	69.4	66.6	65.694	62.334	65.2	62	66.2	61.6
Congo	62.2	62.2	67.05	63.606	64.8	62.4	60.0	57.6
Costa Rica	83.0	76.9	82.206	77.084	82.1	76.9	81.2	75.8
Croatia	80.5	74.6	80.89	74.282	80.6	74.3	79.0	72.5
Cuba	80.5	76.0	81.588	77.37	81	76.6	81.0	76.2
Cyprus	84.9	78.3	82.812	78.194	82.9	78.2	81.5	75.7
Democratic Republic of the Congo	63.1	59.4	61.096	58.248	61.6	58.5	58.5	55.4
Denmark	82.8	78.9	82.994	79.138	82.8	78.9	81.8	76.8
Djibouti	67.8	65.0	64.86	61.504	65.3	62	65.4	60.3
Dominican Republic	76.4	69.5	77.05	70.748	76.4	70.3	80.3	75.8
Ecuador	78.7	74.5	78.868	73.474	78.8	73.9	79.7	73.6
Egypt	73.8	67.6	73.554	69.364	72.6	68.1	73.9	71.1
El Salvador	77.4	66.5	77.95	68.76	77.9	68.7	77.9	71.1
Equatorial Guinea	65.1	63.9	59.73	56.548	61.7	57.6	65.0	62.8
Eritrea	65.1	57.9	67.236	62.948	66.7	62.5	67.1	62.1
Estonia	81.8	73.1	82.55	73.968	81.8	73	81.5	71.6
Ethiopia	69.1	65.6	68.422	64.53	66.8	63.3	63.9	59.1
Fiji	70.2	65.7	73.484	67.434	73	67	75.2	69.8
Finland	84.3	78.8	84.126	78.584	84.2	78.6	83.9	77.8
France	85.5	79.4	85.4	79.606	85.4	79.8	85.0	78.7
Gabon	70.0	64.1	68.192	64.552	67.5	64.3	52.5	51.6
Georgia	77.4	68.6	77.246	68.368	77.1	68.5	80.4	71.9
Germany	83.0	78.3	83.234	78.51	83	78.2	83.0	78.3
Ghana	67.1	61.7	63.632	61.65	64	62.2	68.7	63.8
Greece	83.6	78.1	83.62	78.368	83.4	78.4	83.2	77.8
Grenada	75.2	72.8	76.304	71.482	75.8	70.9	76.9	71.5
Guatemala	75.9	69.7	76.74	70.402	75.8	70	74.1	70.1
Guinea	60.7	57.8	59.602	59.196	59	58.1	61.7	58.6
Guinea-Bissau	61.2	56.1	58.942	55.244	60.6	57.8	52.3	48.2
Guyana	71.7	65.6	68.728	64.426	68.9	63.5	71.2	65.1
Haiti	64.9	63.0	65.716	61.362	65.6	61.1	65.9	60.8
Honduras	74.2	69.9	75.958	70.888	77.3	72.7	72.7	69.3
Hungary	78.9	71.9	79.486	72.988	78.7	71.9	79.6	72.0
Iceland	85.6	80.0	84.128	81.192	84	80.8	85.2	80.8
India	69.6	67.2	70.584	67.134	70	67.1	69.4	67.0
Indonesia	73.3	68.8	71.228	67.198	71.2	67.2	75.2	69.9
Iraq	78.2	74.5	71.59	68.13	71.8	66.9	77.2	72.6
Ireland	83.3	79.8	83.542	79.552	83.3	79.5	83.1	78.4
Israel	84.4	80.7	84.194	80.656	84	80	84.2	80.4
Italy	84.8	80.2	85.02	80.524	84.6	80.2	84.9	79.5
Jamaica	77.4	71.9	78.538	73.922	78.3	73.3	75.2	71.9
Japan	87.1	81.0	86.716	80.466	87	80.8	88.3	81.4
Jordan	80.7	77.7	76.054	72.624	75.8	72.6	75.8	73.0
Kazakhstan	76.0	67.2	75.052	66.534	74.9	66.1	75.5	65.3
Kenya	67.5	62.0	71.69	65.98	68.4	63.6	65.3	62.3
Kiribati	65.9	58.1	69.404	62.67	68.4	63.4	68.4	63.4
Kuwait	86.7	80.7	75.918	73.73	75.9	73.8	79.2	76.5

Table 5 Life expectancy at birth in 2015 from UN, WHO, census, and GBD 2017

Location	GBD 2017 Female	GBD 2017 Male	WPP 2017 Female	WPP 2017 Male	WHO Female	WHO Male	US Census Bureau Female	US Census Bureau Male
Kyrgyzstan	75.7	68.0	75.832	68.06	74.8	67.4	74.8	66.2
Latvia	79.5	69.9	79.716	70.488	79.3	69.8	79.1	69.6
Lebanon	79.8	75.5	81.554	78.024	77.6	74.8	78.7	76.2
Lesotho	53.7	47.4	57.404	51.53	53.8	50.1	53.0	52.8
Liberia	62.6	61.5	63.172	61.32	63.2	61	60.3	56.9
Libya	75.1	71.3	74.41	68.352	75.1	69.2	78.1	74.5
Lithuania	79.7	69.4	80.248	69.964	79.6	69	80.5	69.2
Luxembourg	82.9	79.9	84.218	79.978	84.7	80	84.8	79.7
Madagascar	64.2	61.6	67.404	64.346	67.2	64.2	67.1	64.1
Malawi	65.4	58.2	67.822	62.278	66	60.7	62.7	58.7
Malaysia	77.2	72.3	77.73	73.234	77.5	73	77.7	72.0
Maldives	83.1	79.7	77.824	75.86	79.6	76.9	77.8	73.1
Mali	62.2	60.1	58.202	56.91	57.8	56.9	57.3	53.5
Malta	83.0	79.3	82.52	79.078	83.2	79.6	82.7	77.9
Mauritania	70.3	69.5	64.818	62.048	65	62.4	65.0	60.4
Mauritius	77.8	71.3	78.634	71.438	78	71.2	79.0	71.9
Mexico	78.6	73.3	79.416	74.478	78.9	73.6	78.6	72.9
Mongolia	73.3	64.2	74.158	65.816	74	65.5	73.8	65.0
Montenegro	78.7	74.0	80.15	75.246	79	74.1	81.6	75.5
Morocco	74.1	72.8	76.918	75.116	76.8	74.7	79.9	73.6
Mozambique	59.8	52.8	59.928	55.524	60.9	56.9	53.7	52.2
Myanmar	71.3	64.4	69.454	64.61	68.7	64.3	68.8	63.9
Namibia	69.5	61.6	68.906	62.544	65.7	60.9	64.5	61.8
Nepal	72.1	67.3	71.836	68.568	70.5	67.5	70.5	69.0
Netherlands	83.2	79.7	83.704	80.17	83.1	79.7	83.5	79.1
New Zealand	83.2	79.8	83.59	80.238	83.7	80.3	83.2	79.0
Nicaragua	80.0	76.1	78.458	72.352	78.2	72.2	75.3	70.8
Niger	62.6	60.1	61.812	59.674	60.2	58.3	56.4	53.9
Nigeria	64.8	61.8	53.894	52.438	55.3	54.3	54.1	52.0
Norway	84.1	80.4	84.11	80.268	84.1	80.5	83.8	79.7
Oman	79.2	74.4	79.414	75.222	79.3	75.1	77.2	73.3
Pakistan	66.5	65.5	67.708	65.858	67	65.2	69.4	65.5
Panama	81.7	76.4	81.138	74.838	81.1	74.9	81.4	75.7
Papua New Guinea	60.7	55.7	67.924	63.094	68.1	63.4	69.4	64.8
Paraguay	78.5	73.2	75.52	71.3	76	72.2	79.8	74.3
Peru	81.6	78.4	77.422	72.164	78.1	73.2	75.6	71.5
Philippines	72.6	66.0	72.51	65.688	72.5	66.1	72.6	65.5
Poland	81.4	73.6	81.672	73.914	81.3	73.4	81.5	73.5
Portugal	84.4	78.5	84.13	78.168	84.3	78.2	82.6	75.9
Qatar	81.2	79.2	79.792	77.396	79.7	77.1	80.7	76.6
Romania	78.7	71.6	79.348	72.454	78.7	71.3	78.6	71.5
Rwanda	69.9	65.1	70.536	65.894	69.4 67.4	65.7 61.9	61.3	58.1
Saint Lucia	78.0	73.2	78.14	72.62	78.2	72.8	80.5	74.9
Saint Vincent and the Grenadines	75.1	69.3	75.446	71.196	75.1	69.7	77.1	73.1
Samoa	74.3	71.2	78.59	72.304	78.2	71.8	76.5	70.6
Sao Tome and Principe	71.3	67.6	68.694	64.35	70.5	66.6	65.9	63.3
Saudi Arabia	78.9	74.5	76.12	73.212	76.3	73.3	77.2	73.0
Senegal	69.4	65.7	69.814	65.412	68.3	64.4	63.4	59.3
Serbia	77.5	72.8	78.334	72.574	78.5	73.4	78.3	72.4
Seychelles	77.5	70.0	78.294	69.074	77.8	69	79.2	69.9
Sierra Leone	59.4	57.6	53.152	52.41	52	50.7	60.4	55.2
Singapore	87.2	81.6	85.036	80.864	84.8	80.6	87.5	82.1
Slovakia	80.1	73.1	80.534	73.742	80.6	73.5	80.7	73.3
Slovenia	83.9	77.6	84.012	78.6	83.5	77.6	81.9	74.4
Solomon Islands	67.2	63.8	72.508	69.556	72.4	69.5	77.9	72.5
Somalia	60.2	56.4	57.536	54.258	57.1	54.1	54.1	49.9
South Africa	65.7	60.8	67.458	59.37	66.7	60	63.9	60.8
South Sudan	61.7	57.4	57.668	55.78	59.1	57.3	62.3	59.3
Spain	85.4	79.8	85.908	80.572	85.4	79.9	84.8	78.6
Sri Lanka	80.4	73.3	78.222	71.618	78.3	72.1	80.2	73.1
Suriname	75.2	68.7	74.822	68.644	74.8	68.5	74.5	69.6
Swaziland	60.5	51.3	63.066	54.624	59.6	54.8	50.5	51.6
Sweden	84.1	80.3	84.142	80.6	84	80.3	84.0	80.1
Switzerland	85.5	81.3	85.146	81.226	84.9	80.9	84.9	80.2
Tajikistan	73.3	67.5	74.428	68.738	72.8	68.5	70.7	64.3
Thailand	81.9	74.6	79.518	71.436	79.1	71.6	77.8	71.2
Timor-Leste	72.8	68.8	70.638	66.606	70.1	66.6	69.4	66.2
Togo	65.4	60.1	61.81	60.25	61.1	59.4	67.2	61.9
Tonga	74.9	68.4	76.076	69.882	76.2	70.4	77.6	74.5
Trinidad and Tobago	77.7	71.3	74.368	67.482	75.4	68.2	75.6	69.7
Tunisia	80.3	75.7	77.184	73.484	77.8	73.9	78.1	73.8
Turkey	82.4	74.6	78.846	72.496	79.2	73	77.0	72.3
Turkmenistan	73.4	66.3	71.462	64.88	71.3	64.2	72.9	66.8
Uganda	68.1	61.1	63.124	58.232	64.5	59.7	56.4	53.5
Ukraine	75.6	63.1	77.358	68.362	76.8	67.2	76.6	66.8
United Arab Emirates	76.6	71.5	78.716	76.522	78.5	76.4	80.0	74.7
Uruguay	80.4	73.4	80.878	73.694	80.6	73	80.3	73.9
Uzbekistan	73.3	66.7	74.338	69.312	74.8	69.4	76.8	70.5
Vanuatu	67.5	61.8	74.524	70.072	73.9	69.9	74.7	71.5

Table 5 Life expectancy at birth in 2015 from UN, WHO, census, and GBD 2017

Location	GBD 2017 Female	GBD 2017 Male	WPP 2017 Female	WPP 2017 Male	WHO Female	WHO Male	US Census Bureau Female	US Census Bureau Male
Yemen	70.5	66.7	66.428	63.65	66.2	62.8	67.4	63.1
Zambia	64.9	59.4	66.254	61.342	63.6	59.8	53.8	50.5
Zimbabwe	62.7	56.5	64.798	61.44	62.4	59	57.6	56.5

Table 6 Estimates of life expectancy at birth by location and year for 1950, 1955, 2005, 2010, 2017 - both sexes

Table with columns for Location, 1950, 1955, 1960, 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2005, 2010, 2017. Rows list countries and territories such as Brunei Darussalam, Bahrain, Bangladesh, Barbados, Belarus, Belgium, Belize, Benin, Bolivia, Bosnia and Herzegovina, Botswana, Brazil, Bulgaria, Burkina Faso, Burundi, Cambodia, Cameroon, Canada, Central Europe and the Baltics, Chile, China, Colombia, Costa Rica, Czechia, Denmark, Dominican Republic, Ecuador, Egypt, El Salvador, Estonia, Finland, France, Germany, Greece, Guatemala, Guinea-Bissau, Haiti, Honduras, Hungary, Iceland, India, Indonesia, Israel, Italy, Jamaica, Jordan, Kazakhstan, Kenya, Kuwait, Kyrgyzstan, Laos, Latvia, Lebanon, Lithuania, Luxembourg, Madagascar, Malawi, Malaysia, Maldives, Mali, Malta, Mauritius, Mexico, Moldova, Mongolia, Montenegro, Morocco, Mozambique, Myanmar, Nepal, Netherlands, New Zealand, Nicaragua, Nigeria, Norway, Oman, Pakistan, Panama, Paraguay, Peru, Philippines, Poland, Portugal, Romania, Russian Federation, Rwanda, Saudi Arabia, Senegal, Serbia, Singapore, Slovakia, Slovenia, South Africa, South Asia, Sri Lanka, Sudan, Sweden, Switzerland, Taiwan, Tajikistan, Tanzania, Thailand, Timor-Leste, Tunisia, Turkey, Uganda, Ukraine, United Kingdom, United States, Uruguay, Uzbekistan, Venezuela, Viet Nam, Yemen, Zambia, Zimbabwe.

Table 6 Estimates of life expectancy at birth by location and year for 1950, 1955, 2005, 2010, 2017 - both sexes

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Tanzania	45.3	46.2	47.3	48.4	49.7	51.9	55.0	58.2	61.4	63.8	67.0	68.8	70.1	70.7
Timor-Leste	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
Togo	42.9	46	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
Turkmenistan	42.9	46	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
Uganda	42.9	46	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
Uzbekistan	42.9	46	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
West Bank	42.9	46	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
Yemen	42.9	46	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
Yemen Arab Rep.	42.9	46	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
Zambia	42.9	46	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
Zimbabwe	42.9	46	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
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Zimbabwe	42.9	46	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4

Table 7 Estimates of life expectancy at birth by location and year for 1950, 1955, 2005, 2010, 2017 - females

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Buenos Aires	72.4	75.4	78.9	81.4	83.3	85.3	87.3	89.4	91.5	93.5	95.6	97.7	99.8	101.9
Brazil	65.1	67.3	69.8	72.4	75.1	77.8	80.5	83.2	85.9	88.6	91.3	94.0	96.7	99.4
Canada	72.2	73.9	75.9	78.4	80.9	83.4	85.9	88.4	90.9	93.4	95.9	98.4	100.9	103.4
Chile	68.2	71.1	73.8	76.5	79.2	81.9	84.6	87.3	90.0	92.7	95.4	98.1	100.8	103.5
Denmark	72.4	75.4	78.4	81.4	83.9	86.4	88.9	91.4	93.9	96.4	98.9	101.4	103.9	106.4
France	69.4	71.4	73.4	75.4	77.9	80.4	82.9	85.4	87.9	90.4	92.9	95.4	97.9	100.4
Germany	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	90.4	92.4	94.4	96.4
Greece	67.4	69.4	71.4	73.4	75.4	77.4	79.4	81.4	83.4	85.4	87.4	89.4	91.4	93.4
India	52.4	54.4	56.4	58.4	60.4	62.4	64.4	66.4	68.4	70.4	72.4	74.4	76.4	78.4
Indonesia	53.4	55.4	57.4	59.4	61.4	63.4	65.4	67.4	69.4	71.4	73.4	75.4	77.4	79.4
Italy	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	90.4	92.4	94.4	96.4
Japan	73.4	75.4	77.4	79.4	81.4	83.4	85.4	87.4	89.4	91.4	93.4	95.4	97.4	99.4
South Korea	54.4	56.4	58.4	60.4	62.4	64.4	66.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4
Russia	64.4	66.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	90.4
Spain	67.4	69.4	71.4	73.4	75.4	77.4	79.4	81.4	83.4	85.4	87.4	89.4	91.4	93.4
Sweden	71.4	73.4	75.4	77.4	79.4	81.4	83.4	85.4	87.4	89.4	91.4	93.4	95.4	97.4
Switzerland	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	90.4	92.4	94.4	96.4	98.4
Taiwan	58.4	60.4	62.4	64.4	66.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4
United Kingdom	71.4	73.4	75.4	77.4	79.4	81.4	83.4	85.4	87.4	89.4	91.4	93.4	95.4	97.4
USA	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	90.4	92.4	94.4	96.4	98.4
Venezuela	64.4	66.4	68.4	70.4	72.4	74.4	76.4	78.4	80.4	82.4	84.4	86.4	88.4	90.4
Yemen	48.4	50.4	52.4	54.4	56.4	58.4	60.4	62.4	64.4	66.4	68.4	70.4	72.4	74.4

Table 7 Estimates of life expectancy at birth by location and year for 1950, 1955, 2005, 2010, 2017 - females

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Tanzania	41.7	47.8	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
Togo	41.6	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
Tonga	41.6	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
Turkey	41.6	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
Uganda	41.6	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
Uzbekistan	41.6	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
Vietnam	41.6	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
Yemen	41.6	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
Zambia	41.6	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
Zimbabwe	41.6	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
World	41.6	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4

Table 7 Estimates of life expectancy at birth by location and year for 1950, 1955, 2005, 2010, 2017 - females

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017	
Turkmen	61.3 (57.1-65.5)	60.7 (56.4-65.0)	62.4 (58.1-66.7)	62.4 (58.1-66.7)	60.9 (56.6-65.2)	59.2 (54.9-63.5)	57.4 (53.1-61.7)	56.2 (51.9-60.5)	55.4 (51.1-60.1)	54.9 (50.6-59.2)	54.5 (50.2-58.8)	54.1 (49.8-58.4)	53.7 (49.4-57.9)	53.6 (49.3-58.0)	53.5 (49.2-57.8)
Union Group	63.6 (59.4-67.8)	63.6 (59.4-67.8)	65.3 (61.1-69.5)	65.6 (61.4-70.0)	65.8 (61.6-70.2)	65.8 (61.6-70.2)	66.1 (61.9-70.5)	66.4 (62.2-70.8)	66.1 (61.9-70.5)	66.9 (62.7-71.3)	67.9 (63.7-72.5)	68.9 (64.7-74.1)	69.9 (65.7-75.3)	70.9 (66.7-76.5)	72.3 (68.1-76.5)
Vietnam	55 (51.4-58.6)	55.8 (52.2-59.4)	57.5 (53.9-61.1)	58.5 (54.9-62.1)	60.1 (56.5-63.7)	61.1 (57.5-64.7)	61.3 (57.7-65.1)	61.5 (57.9-64.9)	61.5 (57.9-64.9)	60.5 (56.9-64.1)	57.3 (53.7-60.9)	52.6 (49.0-56.2)	50.3 (46.7-53.9)	49.3 (45.9-52.7)	48.4 (45.0-51.8)
Yajir	52.6-60 (48.2-57.0)	52.3-58.5 (47.9-54.7)	54.4-62.5 (50.0-57.2)	55.4-63.6 (51.0-58.2)	56.9 (52.5-61.3)	57.9 (53.5-62.5)	58.7 (54.3-63.7)	59.5 (55.1-64.5)	60.2 (55.8-65.6)	60.6 (56.2-66.0)	61.0 (56.6-66.4)	61.4 (57.0-67.8)	61.8 (57.4-68.2)	62.2 (57.8-68.6)	62.6 (58.2-69.0)
West Point	52.1-60.6 (47.7-56.5)	52.3-60.8 (47.9-56.7)	54.4-62.5 (50.0-57.2)	55.4-63.6 (51.0-58.2)	56.9 (52.5-61.3)	57.9 (53.5-62.5)	58.7 (54.3-63.7)	59.5 (55.1-64.5)	60.2 (55.8-65.6)	60.6 (56.2-66.0)	61.0 (56.6-66.4)	61.4 (57.0-67.8)	61.8 (57.4-68.2)	62.2 (57.8-68.6)	62.6 (58.2-69.0)
Maldives	48.3 (44.7-51.9)	48.9 (45.3-52.5)	49.9 (46.3-53.7)	50.9 (47.3-54.5)	51.9 (48.3-55.5)	52.9 (49.3-57.3)	53.9 (50.3-59.3)	54.9 (51.3-60.3)	55.9 (52.3-61.3)	56.9 (53.3-62.3)	57.9 (54.3-63.3)	58.9 (55.3-64.3)	59.9 (56.3-65.3)	60.9 (57.3-66.3)	61.9 (58.3-67.3)
Mali	48.9 (44.8-52.9)	49.5 (45.4-53.6)	50.5 (46.4-54.6)	51.5 (47.4-55.5)	52.5 (48.4-56.5)	53.5 (49.4-57.5)	54.5 (50.4-59.5)	55.5 (51.4-60.5)	56.5 (52.4-61.5)	57.5 (53.4-62.5)	58.5 (54.4-63.5)	59.5 (55.4-64.5)	60.5 (56.4-65.5)	61.5 (57.4-66.5)	62.5 (58.4-67.5)
Morocco	50.8 (46.7-54.9)	51.4 (47.3-55.5)	52.4 (48.3-56.5)	53.4 (49.3-57.5)	54.4 (50.3-59.5)	55.4 (51.3-60.5)	56.4 (52.3-61.5)	57.4 (53.3-62.5)	58.4 (54.3-63.5)	59.4 (55.3-64.5)	60.4 (56.3-65.5)	61.4 (57.3-66.5)	62.4 (58.3-67.5)	63.4 (59.3-68.5)	64.4 (60.3-69.5)
Niger	48.3 (44.2-52.4)	48.9 (44.8-52.9)	49.9 (45.4-54.6)	50.9 (46.5-55.7)	51.9 (47.5-56.7)	52.9 (48.5-57.7)	53.9 (49.5-58.7)	54.9 (50.5-59.7)	55.9 (51.5-60.7)	56.9 (52.5-61.7)	57.9 (53.5-62.7)	58.9 (54.5-63.7)	59.9 (55.5-64.7)	60.9 (56.5-65.7)	61.9 (57.5-66.7)
Nigeria	49.1 (45.0-53.2)	49.7 (45.6-53.8)	50.7 (46.6-54.9)	51.7 (47.6-55.9)	52.7 (48.6-56.9)	53.7 (49.6-57.9)	54.7 (50.6-58.9)	55.7 (51.6-60.1)	56.7 (52.6-60.9)	57.7 (53.6-62.3)	58.7 (54.6-63.5)	59.7 (55.6-64.5)	60.7 (56.6-65.5)	61.7 (57.6-66.5)	62.7 (58.6-67.5)
San Tome and Principe	49.1 (45.0-53.2)	49.7 (45.6-53.8)	50.7 (46.6-54.9)	51.7 (47.6-55.9)	52.7 (48.6-56.9)	53.7 (49.6-57.9)	54.7 (50.6-58.9)	55.7 (51.6-60.1)	56.7 (52.6-60.9)	57.7 (53.6-62.3)	58.7 (54.6-63.5)	59.7 (55.6-64.5)	60.7 (56.6-65.5)	61.7 (57.6-66.5)	62.7 (58.6-67.5)
Senegal	49.1 (45.0-53.2)	49.7 (45.6-53.8)	50.7 (46.6-54.9)	51.7 (47.6-55.9)	52.7 (48.6-56.9)	53.7 (49.6-57.9)	54.7 (50.6-58.9)	55.7 (51.6-60.1)	56.7 (52.6-60.9)	57.7 (53.6-62.3)	58.7 (54.6-63.5)	59.7 (55.6-64.5)	60.7 (56.6-65.5)	61.7 (57.6-66.5)	62.7 (58.6-67.5)
Sierra Leone	49.1 (45.0-53.2)	49.7 (45.6-53.8)	50.7 (46.6-54.9)	51.7 (47.6-55.9)	52.7 (48.6-56.9)	53.7 (49.6-57.9)	54.7 (50.6-58.9)	55.7 (51.6-60.1)	56.7 (52.6-60.9)	57.7 (53.6-62.3)	58.7 (54.6-63.5)	59.7 (55.6-64.5)	60.7 (56.6-65.5)	61.7 (57.6-66.5)	62.7 (58.6-67.5)
Togo	49.1 (45.0-53.2)	49.7 (45.6-53.8)	50.7 (46.6-54.9)	51.7 (47.6-55.9)	52.7 (48.6-56.9)	53.7 (49.6-57.9)	54.7 (50.6-58.9)	55.7 (51.6-60.1)	56.7 (52.6-60.9)	57.7 (53.6-62.3)	58.7 (54.6-63.5)	59.7 (55.6-64.5)	60.7 (56.6-65.5)	61.7 (57.6-66.5)	62.7 (58.6-67.5)

Table 8 Estimates of life expectancy at birth by location and year for 1950, 1955, 2005, 2010, 2017 - males

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Global	48.1	51.1	54.3	57.6	60.9	64.2	67.5	70.8	74.1	77.4	80.7	84.0	87.3	90.6
Low SDI	46.8	49.8	53.0	56.2	59.4	62.6	65.8	69.0	72.2	75.4	78.6	81.8	85.0	88.2
Low-middle SDI	41.1	43.4	45.6	47.8	49.9	51.9	53.9	55.9	57.9	59.8	61.7	63.6	65.5	67.4
High SDI	53.8	56.4	59.0	61.6	64.2	66.8	69.4	72.0	74.6	77.2	79.8	82.4	85.0	87.6
Central Asia, Eastern Europe, and Central Asia	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Armenia	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Azerbaijan	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Georgia	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Kazakhstan	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Kyrgyzstan	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Tajikistan	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Turkmenistan	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Uzbekistan	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Central Europe	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Albania	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Bosnia and Herzegovina	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Bulgaria	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Croatia	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Czech Republic	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Hungary	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Poland	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Romania	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Serbia	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Slovakia	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Slovenia	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Eastern Europe	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Belarus	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Estonia	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Latvia	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Lithuania	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Moldova	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Russia Federation	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
Ukraine	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8
High-income	78.8	81.8	84.8	87.8	90.8	93.8	96.8	99.8	102.8	105.8	108.8	111.8	114.8	117.8
Australia	78.8	81.8	84.8	87.8	90.8	93.8	96.8	99.8	102.8	105.8	108.8	111.8	114.8	117.8
Canada	78.8	81.8	84.8	87.8	90.8	93.8	96.8	99.8	102.8	105.8	108.8	111.8	114.8	117.8
France	78.8	81.8	84.8	87.8	90.8	93.8	96.8	99.8	102.8	105.8	108.8	111.8	114.8	117.8
Germany	78.8	81.8	84.8	87.8	90.8	93.8	96.8	99.8	102.8	105.8	108.8	111.8	114.8	117.8
Italy	78.8	81.8	84.8	87.8	90.8	93.8	96.8	99.8	102.8	105.8	108.8	111.8	114.8	117.8
Japan	78.8	81.8	84.8	87.8	90.8	93.8	96.8	99.8	102.8	105.8	108.8	111.8	114.8	117.8
South Korea	78.8	81.8	84.8	87.8	90.8	93.8	96.8	99.8	102.8	105.8	108.8	111.8	114.8	117.8
Spain	78.8	81.8	84.8	87.8	90.8	93.8	96.8	99.8	102.8	105.8	108.8	111.8	114.8	117.8
Sweden	78.8	81.8	84.8	87.8	90.8	93.8	96.8	99.8	102.8	105.8	108.8	111.8	114.8	117.8
Switzerland	78.8	81.8	84.8	87.8	90.8	93.8	96.8	99.8	102.8	105.8	108.8	111.8	114.8	117.8
United Kingdom	78.8	81.8	84.8	87.8	90.8	93.8	96.8	99.8	102.8	105.8	108.8	111.8	114.8	117.8
United States	78.8	81.8	84.8	87.8	90.8	93.8	96.8	99.8	102.8	105.8	108.8	111.8	114.8	117.8

Table 8 Estimates of life expectancy at birth by location and year for 1950, 1955, 2005, 2010, 2017 - males

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Algeria	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5	57.5	58.5	59.5
Algeria (38.2-44.1)	(41.3-45.1)	(42.3-46.1)	(43.3-47.1)	(44.3-48.1)	(45.3-49.1)	(46.3-50.1)	(47.3-51.1)	(48.3-52.1)	(49.3-53.1)	(50.3-54.1)	(51.3-55.1)	(52.3-56.1)	(53.3-57.1)	(54.3-58.1)
Algeria	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5	57.5	58.5	59.5
Algeria (38.2-44.1)	(41.3-45.1)	(42.3-46.1)	(43.3-47.1)	(44.3-48.1)	(45.3-49.1)	(46.3-50.1)	(47.3-51.1)	(48.3-52.1)	(49.3-53.1)	(50.3-54.1)	(51.3-55.1)	(52.3-56.1)	(53.3-57.1)	(54.3-58.1)
Algeria	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5	57.5	58.5	59.5
Algeria (38.2-44.1)	(41.3-45.1)	(42.3-46.1)	(43.3-47.1)	(44.3-48.1)	(45.3-49.1)	(46.3-50.1)	(47.3-51.1)	(48.3-52.1)	(49.3-53.1)	(50.3-54.1)	(51.3-55.1)	(52.3-56.1)	(53.3-57.1)	(54.3-58.1)

Table 9 Estimates of life expectancy at age 65 by location and year for 1950, 1955, 2005, 2010, 2017 - both sexes

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Buenos Aires	12.8	14.2	14.6	14.8	15.2	16.1	16.7	16.9	16.9	16.7	16.7	16.7	16.8	16.8
Buenos Aires	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)
Buenos Aires	12.8	14.2	14.6	14.8	15.2	16.1	16.7	16.9	16.9	16.7	16.7	16.7	16.8	16.8
Buenos Aires	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)
Buenos Aires	12.8	14.2	14.6	14.8	15.2	16.1	16.7	16.9	16.9	16.7	16.7	16.7	16.8	16.8
Buenos Aires	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)	(12.8-15.2)

Table 9 Estimates of life expectancy at age 65 by location and year for 1950, 1955, 2005, 2010, 2017 - both sexes														
Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Tanzania	49.1	50.9	52.6	54.2	55.9	57.5	59.1	60.7	62.3	63.9	65.5	67.1	68.7	70.3
Togo	48.3	49.9	51.5	53.1	54.7	56.3	57.9	59.5	61.1	62.7	64.3	65.9	67.5	69.1
Tonga	50.2	50.9	51.6	52.3	53.0	53.7	54.4	55.1	55.8	56.5	57.2	57.9	58.6	59.3
Turkey	68.5	70.3	72.1	73.9	75.7	77.5	79.3	81.1	82.9	84.7	86.5	88.3	90.1	91.9
Uganda	45.8	47.6	49.4	51.2	53.0	54.8	56.6	58.4	60.2	62.0	63.8	65.6	67.4	69.2
United States	75.8	76.2	76.6	77.0	77.4	77.8	78.2	78.6	79.0	79.4	79.8	80.2	80.6	81.0
Uruguay	73.5	75.3	77.1	78.9	80.7	82.5	84.3	86.1	87.9	89.7	91.5	93.3	95.1	96.9
Vanuatu	47.5	49.3	51.1	52.9	54.7	56.5	58.3	60.1	61.9	63.7	65.5	67.3	69.1	70.9
Venezuela	72.8	74.6	76.4	78.2	80.0	81.8	83.6	85.4	87.2	89.0	90.8	92.6	94.4	96.2
Yemen	43.2	44.9	46.6	48.3	50.0	51.7	53.4	55.1	56.8	58.5	60.2	61.9	63.6	65.3
Zambia	44.8	46.5	48.2	49.9	51.6	53.3	55.0	56.7	58.4	60.1	61.8	63.5	65.2	66.9
Zimbabwe	46.2	47.9	49.6	51.3	53.0	54.7	56.4	58.1	59.8	61.5	63.2	64.9	66.6	68.3

Table 10 Estimates of life expectancy at age 65 by location and year for 1950, 1955, 2005, 2010, 2017 - females

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Latvia	14.4	15.2	16.9	18.2	19.7	20.5	21.5	22.5	23.2	23.8	24.3	24.7	25.2	25.7
Norfolk	14.8	15.6	16.2	16.9	17.3	17.7	17.8	18.2	18.3	18.3	18.3	18.3	18.3	18.3
Northwest	14.5	15.1	15.7	16.1	16.5	16.9	17.1	17.3	17.4	17.4	17.4	17.4	17.4	17.4
Southwest	14.2	14.8	15.4	15.8	16.2	16.6	16.7	16.9	17.0	17.0	17.0	17.0	17.0	17.0
Taiwan	14.3	14.9	15.4	15.8	16.2	16.6	16.9	17.1	17.2	17.2	17.2	17.2	17.2	17.2
Thailand	14.1	14.6	15.0	15.4	15.8	16.2	16.6	17.0	17.4	17.8	18.2	18.6	19.0	19.4
Greater London	14.3	14.7	15.0	15.2	15.4	15.6	15.7	15.8	15.9	15.9	15.9	15.9	15.9	15.9
Kingston and Kingston	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6	18.0	18.4	18.8	19.2	19.6
Buenos	14.2	14.6	15.0	15.4	15.8	16.2	16.6	17.0	17.4	17.8	18.2	18.6	19.0	19.4
Russia	14.1	14.5	14.9	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.9	19.3
Italy	14.2	14.6	15.0	15.4	15.8	16.2	16.6	17.0	17.4	17.8	18.2	18.6	19.0	19.4
Canada	14.3	14.7	15.1	15.5	15.9	16.3	16.7	17.1	17.5	17.9	18.3	18.7	19.1	19.5
England	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6	18.0	18.4	18.8	19.2	19.6
Cyprus	14.3	14.7	15.1	15.5	15.9	16.3	16.7	17.1	17.5	17.9	18.3	18.7	19.1	19.5
Ecuador	14.2	14.6	15.0	15.4	15.8	16.2	16.6	17.0	17.4	17.8	18.2	18.6	19.0	19.4
Guatemala	14.1	14.5	14.9	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.9	19.3
Hawaii	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6	18.0	18.4	18.8	19.2
Hong Kong	14.2	14.6	15.0	15.4	15.8	16.2	16.6	17.0	17.4	17.8	18.2	18.6	19.0	19.4
Honolulu	14.1	14.5	14.9	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.9	19.3
Indonesia	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6	18.0	18.4	18.8	19.2
Japan	14.1	14.5	14.9	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.9	19.3
Korea	14.2	14.6	15.0	15.4	15.8	16.2	16.6	17.0	17.4	17.8	18.2	18.6	19.0	19.4
Malaysia	14.1	14.5	14.9	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.9	19.3
Mexico	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6	18.0	18.4	18.8	19.2
Morocco	14.1	14.5	14.9	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.9	19.3
Netherlands	14.2	14.6	15.0	15.4	15.8	16.2	16.6	17.0	17.4	17.8	18.2	18.6	19.0	19.4
Philippines	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6	18.0	18.4	18.8	19.2
Poland	14.1	14.5	14.9	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.9	19.3
Romania	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6	18.0	18.4	18.8	19.2
South Africa	14.1	14.5	14.9	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.9	19.3
Spain	14.2	14.6	15.0	15.4	15.8	16.2	16.6	17.0	17.4	17.8	18.2	18.6	19.0	19.4
Sri Lanka	14.1	14.5	14.9	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.9	19.3
Tanzania	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6	18.0	18.4	18.8	19.2
Trinidad	14.1	14.5	14.9	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.9	19.3
Uganda	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6	18.0	18.4	18.8	19.2
Uzbekistan	14.1	14.5	14.9	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.5	18.9	19.3
Vietnam	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6	18.0	18.4	18.8	19.2
Yemen	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6	18.0	18.4	18.8	19.2
Zambia	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6	18.0	18.4	18.8	19.2

Table 10 Estimates of life expectancy at age 65 by location and year for 1950, 1955, 2005, 2010, 2019 - females

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2019
Buenos Aires	15.2	15.2	15.4	15.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
Buenos Aires	(15.2-15.9)	(15.2-15.9)	(15.4-16.1)	(15.6-16.3)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)
Buenos Aires	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
Buenos Aires	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)	(15.7-16.4)
Buenos Aires	14.7	15.4	15.9	16.3	16.9	17.3	18.1	18.7	19.7	20.3	21.2	21.4	21.4	21.4
Buenos Aires	(12.1-17.0)	(14.1-18.2)	(14.1-18.2)	(14.1-18.2)	(14.1-18.2)	(14.1-18.2)	(14.1-18.2)	(14.1-18.2)	(14.1-18.2)	(14.1-18.2)	(14.1-18.2)	(14.1-18.2)	(14.1-18.2)	(14.1-18.2)
Buenos Aires	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
Buenos Aires	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)
Buenos Aires	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
Buenos Aires	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)
Buenos Aires	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
Buenos Aires	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)
Buenos Aires	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
Buenos Aires	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)
Buenos Aires	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
Buenos Aires	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)
Buenos Aires	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
Buenos Aires	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)
Buenos Aires	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
Buenos Aires	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)	(13.7-17.2)

Table 10 Estimates of life expectancy at age 65 by location and year for 1950, 1955, 2005, 2010, 2019 - females

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2019	
Turkmen	44.2 (12,196.5)	44.2 (12,196.5)	44.2 (12,196.5)	44.2 (12,196.5)	44.2 (12,196.5)	44.2 (12,196.5)	44.2 (12,196.5)	44.2 (12,196.5)	44.2 (12,196.5)	44.2 (12,196.5)	44.2 (12,196.5)	44.2 (12,196.5)	44.2 (12,196.5)	44.2 (12,196.5)	44.2 (12,196.5)
Urain Gobi	12.4 (0.844.8)	12.4 (0.844.8)	12.4 (0.844.8)	12.4 (0.844.8)	12.4 (0.844.8)	12.4 (0.844.8)	12.4 (0.844.8)	12.4 (0.844.8)	12.4 (0.844.8)	12.4 (0.844.8)	12.4 (0.844.8)	12.4 (0.844.8)	12.4 (0.844.8)	12.4 (0.844.8)	12.4 (0.844.8)
Uzbek	11.8 (0.11.14)	11.8 (0.11.14)	11.8 (0.11.14)	11.8 (0.11.14)	11.8 (0.11.14)	11.8 (0.11.14)	11.8 (0.11.14)	11.8 (0.11.14)	11.8 (0.11.14)	11.8 (0.11.14)	11.8 (0.11.14)	11.8 (0.11.14)	11.8 (0.11.14)	11.8 (0.11.14)	11.8 (0.11.14)
Wajir	12.7 (1.144.7)	12.7 (1.144.7)	12.7 (1.144.7)	12.7 (1.144.7)	12.7 (1.144.7)	12.7 (1.144.7)	12.7 (1.144.7)	12.7 (1.144.7)	12.7 (1.144.7)	12.7 (1.144.7)	12.7 (1.144.7)	12.7 (1.144.7)	12.7 (1.144.7)	12.7 (1.144.7)	12.7 (1.144.7)
West Bank	11.8 (0.513.7)	11.8 (0.513.7)	11.8 (0.513.7)	11.8 (0.513.7)	11.8 (0.513.7)	11.8 (0.513.7)	11.8 (0.513.7)	11.8 (0.513.7)	11.8 (0.513.7)	11.8 (0.513.7)	11.8 (0.513.7)	11.8 (0.513.7)	11.8 (0.513.7)	11.8 (0.513.7)	11.8 (0.513.7)
Madagascar	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)
Mali	10.1 (0.211.1)	10.1 (0.211.1)	10.1 (0.211.1)	10.1 (0.211.1)	10.1 (0.211.1)	10.1 (0.211.1)	10.1 (0.211.1)	10.1 (0.211.1)	10.1 (0.211.1)	10.1 (0.211.1)	10.1 (0.211.1)	10.1 (0.211.1)	10.1 (0.211.1)	10.1 (0.211.1)	10.1 (0.211.1)
Mozambique	10.5 (0.412.7)	10.5 (0.412.7)	10.5 (0.412.7)	10.5 (0.412.7)	10.5 (0.412.7)	10.5 (0.412.7)	10.5 (0.412.7)	10.5 (0.412.7)	10.5 (0.412.7)	10.5 (0.412.7)	10.5 (0.412.7)	10.5 (0.412.7)	10.5 (0.412.7)	10.5 (0.412.7)	10.5 (0.412.7)
Niger	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)	10.1 (0.310.8)
Nigeria	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)
San Tomé and Príncipe	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)	11.1 (0.211.1)
Senegal	11.7 (0.616.1)	11.7 (0.616.1)	11.7 (0.616.1)	11.7 (0.616.1)	11.7 (0.616.1)	11.7 (0.616.1)	11.7 (0.616.1)	11.7 (0.616.1)	11.7 (0.616.1)	11.7 (0.616.1)	11.7 (0.616.1)	11.7 (0.616.1)	11.7 (0.616.1)	11.7 (0.616.1)	11.7 (0.616.1)
Sierra Leone	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)
Togo	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)	11.2 (0.312.6)

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Tanzania	48.8	51.2	53.6	56.0	58.4	60.8	63.2	65.6	68.0	70.4	72.8	75.2	77.6	80.0
Timor	50.4	52.8	55.2	57.6	60.0	62.4	64.8	67.2	69.6	72.0	74.4	76.8	79.2	81.6
Togo	40.1	41.5	42.9	44.3	45.7	47.1	48.5	49.9	51.3	52.7	54.1	55.5	56.9	58.3
Turkmenistan	62.1	63.5	64.9	66.3	67.7	69.1	70.5	71.9	73.3	74.7	76.1	77.5	78.9	80.3
Uganda	47.6	49.0	50.4	51.8	53.2	54.6	56.0	57.4	58.8	60.2	61.6	63.0	64.4	65.8
Uzbekistan	67.2	68.6	70.0	71.4	72.8	74.2	75.6	77.0	78.4	79.8	81.2	82.6	84.0	85.4
Vietnam	58.4	60.8	63.2	65.6	68.0	70.4	72.8	75.2	77.6	80.0	82.4	84.8	87.2	89.6
Yemen	38.1	39.5	40.9	42.3	43.7	45.1	46.5	47.9	49.3	50.7	52.1	53.5	54.9	56.3
Zambia	45.2	46.6	48.0	49.4	50.8	52.2	53.6	55.0	56.4	57.8	59.2	60.6	62.0	63.4
Zimbabwe	42.8	44.2	45.6	47.0	48.4	49.8	51.2	52.6	54.0	55.4	56.8	58.2	59.6	61.0
World	51.8	53.2	54.6	56.0	57.4	58.8	60.2	61.6	63.0	64.4	65.8	67.2	68.6	70.0

Table 12 Under-5 mortality rates by location and year for 1950, 1955, 2000, 2010, 2017 - both sexes

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Global	234.49	173.13	137.13	107.13	77.13	57.13	47.13	37.13	27.13	17.13	7.13	3.13	2.13	1.13
Low SDI	278.58	207.11	167.11	132.11	102.11	77.11	62.11	52.11	42.11	32.11	22.11	12.11	7.11	4.11
High SDI	190.40	136.16	107.16	82.16	57.16	37.16	27.16	17.16	7.16	2.16	1.16	0.16	0.16	0.16
Central Asia	224.47	164.47	124.47	94.47	64.47	44.47	34.47	24.47	14.47	4.47	1.47	0.47	0.47	0.47
East Asia	184.49	134.49	104.49	74.49	44.49	24.49	14.49	4.49	1.49	0.49	0.49	0.49	0.49	0.49
Europe	144.51	94.51	64.51	34.51	14.51	4.51	1.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
Latin America	104.53	74.53	44.53	24.53	14.53	4.53	1.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
Middle East	164.55	114.55	84.55	54.55	34.55	24.55	14.55	4.55	1.55	0.55	0.55	0.55	0.55	0.55
North America	84.57	54.57	24.57	14.57	4.57	1.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
South America	124.59	94.59	64.59	34.59	14.59	4.59	1.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
Sub-Saharan Africa	264.61	194.61	154.61	114.61	84.61	54.61	34.61	24.61	14.61	4.61	1.61	0.61	0.61	0.61
World	234.49	173.13	137.13	107.13	77.13	57.13	47.13	37.13	27.13	17.13	7.13	3.13	2.13	1.13

Table 12 Under-5 mortality rates by location and year for 1950, 1955, 2000, 2010, 2017 - both sexes

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Armenia	28.29	25.20	23.77	22.77	21.66	20.46	19.14	17.85	16.59	15.36	14.18	13.04	11.94	10.81
Burkina Faso	29.47 (30.96)	27.15 (28.10)	25.20 (26.12)	23.47 (24.32)	21.91 (22.67)	20.46 (21.14)	19.14 (19.74)	17.85 (18.38)	16.59 (17.07)	15.36 (15.74)	14.18 (14.52)	13.04 (13.32)	11.94 (12.17)	10.81 (11.04)
Burundi	34.19	32.89	31.29	29.67	28.07	26.47	24.87	23.27	21.67	20.07	18.47	16.87	15.27	13.67
Cameroon	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Chad	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Cote d'Ivoire	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Dominican Republic	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Egypt	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Ecuador	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
El Salvador	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Guatemala	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Honduras	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
India	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Indonesia	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Kenya	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Madagascar	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Mali	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Mexico	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Niger	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Nigeria	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Rwanda	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Senegal	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Sierra Leone	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Tanzania	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Togo	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Tunisia	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Uganda	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Zambia	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14
Zimbabwe	31.14	29.14	27.14	25.14	23.14	21.14	19.14	17.14	15.14	13.14	11.14	9.14	7.14	5.14

Table 12 Under-5 mortality rates by location and year for 1950, 1955, 2000, 2010, 2017 - both sexes

Location	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2017
Algeria	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8
Algeria (1950-2017)	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8
Algeria (1950-1954)	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8
Algeria (1955-1959)	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8
Algeria (1960-1964)	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8
Algeria (1965-1969)	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8
Algeria (1970-1974)	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8
Algeria (1975-1979)	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8
Algeria (1980-1984)	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8
Algeria (1985-1989)	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8
Algeria (1990-1994)	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8
Algeria (1995-1999)	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8
Algeria (2000-2004)	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8
Algeria (2005-2009)	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8
Algeria (2010-2014)	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8
Algeria (2015-2016)	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8
Algeria (2017)	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8

Table 12 Under-5 mortality rates by location year for 1950, 1955, 2005, 2010, 2017 - huss.csv

Location	1950	1955	2005	2010	2017
Tanzania	2850	2800	2491	2462	1721
Togo	2849	2749	2491	2462	1721
Tonga	2849	2749	2491	2462	1721
Turkey	2849	2749	2491	2462	1721
Turkmenistan	2849	2749	2491	2462	1721
Tuvalu	2849	2749	2491	2462	1721
Uganda	2849	2749	2491	2462	1721
Ukraine	2849	2749	2491	2462	1721
Uruguay	2849	2749	2491	2462	1721
USA	2849	2749	2491	2462	1721
Venezuela	2849	2749	2491	2462	1721
Vietnam	2849	2749	2491	2462	1721
Yemen	2849	2749	2491	2462	1721
Zambia	2849	2749	2491	2462	1721
Zimbabwe	2849	2749	2491	2462	1721

Table 13 Under-5 mortality rates by location and year for 1950, 1965, 2000, 2010, 2019 - females

Table with 15 columns representing years (1950, 1965, 2000, 2010, 2019) and rows listing various countries and regions such as Global, Low SDI, Middle SDI, High SDI, Central Asia, Eastern Europe, and Central Asia, along with sub-regions like Armenia, Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, Mongolia, Tajikistan, Turkmenistan, Uzbekistan, Central Europe, Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Hungary, Macedonia, Montenegro, Poland, Romania, Serbia, Slovakia, Slovenia, Estonia, Latvia, Lithuania, Moldova, Russian Federation, Ukraine, High-income, Australia, Austria, New Zealand, High-income Asia-Pacific, Brunei, Japan, Aichi, Alita, Armenia, Cambodia, China, Djibouti, Egypt, Finland, France, Gabon, Guinea, Haiti, Honduras, Iceland, India, Indonesia, Iraq, Israel, Jordan, Kenya, Kiribati, Kuwait, Lao PDR, Lebanon, Lesotho, Liberia, Lithuania, Luxembourg, Madagascar, Maldives, Mali, Marshall Islands, Mauritius, Mexico, Micronesia, Monaco, Myanmar, Nepal, Niger, Nigeria, North Macedonia, Oman, Pakistan, Palau, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Qatar, Romania, Russian Federation, Rwanda, Saudi Arabia, Senegal, Serbia, Sierra Leone, Singapore, South Africa, South Korea, Sri Lanka, Sudan, Switzerland, Tajikistan, Thailand, Timor-Leste, Trinidad and Tobago, Turkey, Turkmenistan, Uzbekistan, Vanuatu, Venezuela, Viet Nam, Yemen, Zambia, Zimbabwe.

Table 14 Under-5 mortality rates by location and year for 1950, 1955, 2005, 2010, 2017 - males

Table with 16 columns: Location, 1950, 1955, 1960, 1965, 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2005, 2010, 2017. The table lists mortality rates for 140 different locations across various regions.

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Japan	1950	1.0 (1.0–1.0)
Japan	1951	1.0 (1.0–1.0)
Japan	1952	1.0 (1.0–1.0)
Japan	1953	1.0 (1.0–1.0)
Japan	1954	1.0 (1.0–1.0)
Japan	1955	1.0 (1.0–1.0)
Japan	1956	1.0 (1.0–1.0)
Japan	1957	1.0 (1.0–1.0)
Japan	1958	1.0 (1.0–1.0)
Japan	1959	1.0 (1.0–1.0)
Japan	1960	1.0 (1.0–1.0)
Japan	1961	1.0 (1.0–1.0)
Japan	1962	1.0 (1.0–1.0)
Japan	1963	1.0 (1.0–1.0)
Japan	1964	1.0 (1.0–1.0)
Japan	1965	1.0 (1.0–1.0)
Japan	1966	1.0 (1.0–1.0)
Japan	1967	1.0 (1.0–1.0)
Japan	1968	1.0 (1.0–1.0)
Japan	1969	1.0 (1.0–1.0)
Japan	1970	1.0 (1.0–1.0)
Japan	1971	1.0 (1.0–1.0)
Japan	1972	1.0 (1.0–1.0)
Japan	1973	1.0 (1.0–1.0)
Japan	1974	1.0 (1.0–1.0)
Japan	1975	1.0 (1.0–1.0)
Japan	1976	1.0 (1.0–1.0)
Japan	1977	1.0 (1.0–1.0)
Japan	1978	1.0 (1.0–1.0)
Japan	1979	1.0 (1.0–1.0)
Japan	1980	1.0 (1.0–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Japan	1981	1.0 (1.0-1.0)
Japan	1982	1.0 (1.0-1.0)
Japan	1983	1.0 (1.0-1.0)
Japan	1984	1.0 (1.0-1.0)
Japan	1985	1.0 (1.0-1.0)
Japan	1986	1.0 (1.0-1.0)
Japan	1987	1.0 (1.0-1.0)
Japan	1988	1.0 (1.0-1.0)
Japan	1989	1.0 (1.0-1.0)
Japan	1990	1.0 (1.0-1.0)
Japan	1991	1.0 (1.0-1.0)
Japan	1992	1.0 (1.0-1.0)
Japan	1993	1.0 (1.0-1.0)
Japan	1994	1.0 (1.0-1.0)
Japan	1995	1.0 (1.0-1.0)
Japan	1996	1.0 (1.0-1.0)
Japan	1997	1.0 (1.0-1.0)
Japan	1998	1.0 (1.0-1.0)
Japan	1999	1.0 (1.0-1.0)
Japan	2000	1.0 (1.0-1.0)
Japan	2001	1.0 (1.0-1.0)
Japan	2002	1.0 (1.0-1.0)
Japan	2003	1.0 (1.0-1.0)
Japan	2004	1.0 (1.0-1.0)
Japan	2005	1.0 (1.0-1.0)
Japan	2006	1.0 (1.0-1.0)
Japan	2007	1.0 (1.0-1.0)
Japan	2008	1.0 (1.0-1.0)
Japan	2009	1.0 (1.0-1.0)
Japan	2010	1.0 (1.0-1.0)
Japan	2011	1.0 (1.0-1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Japan	2012	1.0 (1.0–1.0)
Japan	2013	1.0 (1.0–1.0)
Japan	2014	1.0 (1.0–1.0)
Japan	2015	1.0 (1.0–1.0)
Japan	2016	1.0 (1.0–1.0)
Japan	2017	1.0 (1.0–1.0)
Aichi	1950	1.62 (1.33–1.93)
Aichi	1951	1.59 (1.31–1.9)
Aichi	1952	1.41 (1.17–1.67)
Aichi	1953	1.42 (1.18–1.68)
Aichi	1954	1.37 (1.15–1.61)
Aichi	1955	1.27 (1.07–1.48)
Aichi	1956	1.33 (1.12–1.56)
Aichi	1957	1.37 (1.16–1.6)
Aichi	1958	1.3 (1.1–1.52)
Aichi	1959	1.31 (1.11–1.53)
Aichi	1960	1.28 (1.07–1.49)
Aichi	1961	1.27 (1.07–1.5)
Aichi	1962	1.27 (1.05–1.51)
Aichi	1963	1.19 (0.97–1.41)
Aichi	1964	1.14 (0.93–1.36)
Aichi	1965	1.1 (0.89–1.32)
Aichi	1966	1.05 (0.86–1.25)
Aichi	1967	1.15 (0.95–1.37)
Aichi	1968	1.07 (0.89–1.27)
Aichi	1969	1.12 (0.94–1.31)
Aichi	1970	1.13 (0.95–1.32)
Aichi	1971	1.11 (0.95–1.3)
Aichi	1972	1.11 (0.95–1.29)
Aichi	1973	1.15 (1.0–1.32)
Aichi	1974	1.11 (0.98–1.26)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Aichi	1975	1.07 (0.95–1.19)
Aichi	1976	1.05 (0.95–1.16)
Aichi	1977	1.04 (0.96–1.12)
Aichi	1978	1.03 (0.97–1.09)
Aichi	1979	1.01 (0.97–1.05)
Aichi	1980	1.0 (0.98–1.03)
Aichi	1981	1.01 (0.99–1.04)
Aichi	1982	1.0 (0.97–1.02)
Aichi	1983	1.0 (0.97–1.02)
Aichi	1984	1.01 (0.98–1.03)
Aichi	1985	0.98 (0.95–1.01)
Aichi	1986	0.99 (0.96–1.02)
Aichi	1987	0.98 (0.95–1.01)
Aichi	1988	0.98 (0.95–1.01)
Aichi	1989	0.97 (0.94–1.0)
Aichi	1990	1.01 (0.97–1.04)
Aichi	1991	0.99 (0.96–1.02)
Aichi	1992	1.02 (0.99–1.05)
Aichi	1993	1.02 (0.99–1.06)
Aichi	1994	1.03 (0.99–1.06)
Aichi	1995	1.03 (0.99–1.06)
Aichi	1996	0.99 (0.96–1.02)
Aichi	1997	0.99 (0.96–1.03)
Aichi	1998	1.03 (1.0–1.07)
Aichi	1999	0.99 (0.96–1.03)
Aichi	2000	0.99 (0.95–1.02)
Aichi	2001	0.97 (0.93–1.01)
Aichi	2002	0.98 (0.94–1.02)
Aichi	2003	0.98 (0.94–1.02)
Aichi	2004	0.98 (0.94–1.02)
Aichi	2005	0.99 (0.95–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Aichi	2006	0.99 (0.95–1.03)
Aichi	2007	0.99 (0.94–1.03)
Aichi	2008	1.0 (0.97–1.04)
Aichi	2009	0.98 (0.93–1.02)
Aichi	2010	0.99 (0.95–1.04)
Aichi	2011	1.0 (0.97–1.03)
Aichi	2012	1.01 (0.96–1.06)
Aichi	2013	0.99 (0.93–1.04)
Aichi	2014	0.99 (0.95–1.04)
Aichi	2015	0.97 (0.93–1.02)
Aichi	2016	0.97 (0.86–1.09)
Aichi	2017	0.96 (0.81–1.13)
Akita	1950	1.61 (1.33–1.93)
Akita	1951	1.59 (1.31–1.89)
Akita	1952	1.41 (1.17–1.67)
Akita	1953	1.42 (1.18–1.67)
Akita	1954	1.37 (1.15–1.61)
Akita	1955	1.26 (1.07–1.48)
Akita	1956	1.33 (1.12–1.55)
Akita	1957	1.37 (1.16–1.59)
Akita	1958	1.3 (1.1–1.51)
Akita	1959	1.31 (1.11–1.53)
Akita	1960	1.28 (1.07–1.49)
Akita	1961	1.27 (1.07–1.49)
Akita	1962	1.27 (1.05–1.51)
Akita	1963	1.19 (0.97–1.41)
Akita	1964	1.14 (0.93–1.36)
Akita	1965	1.1 (0.89–1.32)
Akita	1966	1.05 (0.86–1.25)
Akita	1967	1.15 (0.95–1.37)
Akita	1968	1.07 (0.89–1.27)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Akita	1969	1.12 (0.94–1.31)
Akita	1970	1.13 (0.95–1.32)
Akita	1971	1.11 (0.95–1.3)
Akita	1972	1.11 (0.96–1.29)
Akita	1973	1.15 (1.0–1.32)
Akita	1974	1.11 (0.98–1.26)
Akita	1975	1.07 (0.95–1.19)
Akita	1976	1.05 (0.95–1.16)
Akita	1977	1.04 (0.96–1.12)
Akita	1978	1.03 (0.97–1.09)
Akita	1979	1.01 (0.97–1.05)
Akita	1980	1.0 (0.98–1.03)
Akita	1981	1.01 (0.99–1.04)
Akita	1982	1.0 (0.97–1.02)
Akita	1983	1.0 (0.97–1.02)
Akita	1984	1.01 (0.98–1.03)
Akita	1985	0.98 (0.95–1.01)
Akita	1986	0.99 (0.96–1.02)
Akita	1987	0.98 (0.95–1.01)
Akita	1988	0.98 (0.95–1.01)
Akita	1989	0.97 (0.94–1.0)
Akita	1990	1.01 (0.97–1.03)
Akita	1991	0.99 (0.96–1.02)
Akita	1992	1.02 (0.99–1.05)
Akita	1993	1.02 (0.99–1.06)
Akita	1994	1.03 (0.99–1.06)
Akita	1995	1.03 (0.99–1.06)
Akita	1996	0.99 (0.96–1.02)
Akita	1997	0.99 (0.96–1.03)
Akita	1998	1.03 (1.0–1.07)
Akita	1999	0.99 (0.96–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Akita	2000	0.99 (0.95–1.02)
Akita	2001	0.97 (0.93–1.01)
Akita	2002	0.98 (0.94–1.02)
Akita	2003	0.98 (0.94–1.02)
Akita	2004	0.98 (0.94–1.02)
Akita	2005	0.99 (0.95–1.03)
Akita	2006	0.99 (0.95–1.03)
Akita	2007	0.99 (0.94–1.03)
Akita	2008	1.0 (0.97–1.04)
Akita	2009	0.98 (0.93–1.02)
Akita	2010	0.99 (0.95–1.04)
Akita	2011	1.0 (0.97–1.03)
Akita	2012	1.01 (0.96–1.06)
Akita	2013	0.99 (0.93–1.04)
Akita	2014	0.99 (0.95–1.04)
Akita	2015	0.97 (0.93–1.02)
Akita	2016	0.97 (0.86–1.09)
Akita	2017	0.96 (0.81–1.13)
Aomori	1950	1.61 (1.33–1.92)
Aomori	1951	1.58 (1.3–1.89)
Aomori	1952	1.41 (1.17–1.67)
Aomori	1953	1.42 (1.18–1.67)
Aomori	1954	1.37 (1.15–1.61)
Aomori	1955	1.26 (1.07–1.48)
Aomori	1956	1.33 (1.12–1.55)
Aomori	1957	1.37 (1.16–1.59)
Aomori	1958	1.3 (1.1–1.51)
Aomori	1959	1.31 (1.11–1.53)
Aomori	1960	1.28 (1.07–1.49)
Aomori	1961	1.27 (1.07–1.49)
Aomori	1962	1.27 (1.05–1.51)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Aomori	1963	1.19 (0.97–1.41)
Aomori	1964	1.14 (0.93–1.36)
Aomori	1965	1.1 (0.89–1.32)
Aomori	1966	1.05 (0.86–1.25)
Aomori	1967	1.15 (0.95–1.37)
Aomori	1968	1.07 (0.89–1.27)
Aomori	1969	1.12 (0.94–1.31)
Aomori	1970	1.13 (0.95–1.32)
Aomori	1971	1.11 (0.95–1.29)
Aomori	1972	1.11 (0.96–1.29)
Aomori	1973	1.15 (1.0–1.32)
Aomori	1974	1.11 (0.98–1.26)
Aomori	1975	1.07 (0.95–1.19)
Aomori	1976	1.05 (0.95–1.16)
Aomori	1977	1.04 (0.96–1.12)
Aomori	1978	1.03 (0.97–1.09)
Aomori	1979	1.01 (0.97–1.05)
Aomori	1980	1.0 (0.98–1.03)
Aomori	1981	1.01 (0.99–1.04)
Aomori	1982	1.0 (0.97–1.02)
Aomori	1983	1.0 (0.97–1.02)
Aomori	1984	1.01 (0.98–1.03)
Aomori	1985	0.98 (0.95–1.01)
Aomori	1986	0.99 (0.96–1.02)
Aomori	1987	0.98 (0.95–1.01)
Aomori	1988	0.98 (0.95–1.01)
Aomori	1989	0.97 (0.94–1.0)
Aomori	1990	1.01 (0.97–1.03)
Aomori	1991	0.99 (0.96–1.02)
Aomori	1992	1.02 (0.99–1.05)
Aomori	1993	1.02 (0.99–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Aomori	1994	1.03 (0.99–1.06)
Aomori	1995	1.03 (0.99–1.06)
Aomori	1996	0.99 (0.96–1.02)
Aomori	1997	0.99 (0.96–1.03)
Aomori	1998	1.03 (1.0–1.07)
Aomori	1999	0.99 (0.96–1.03)
Aomori	2000	0.99 (0.95–1.02)
Aomori	2001	0.97 (0.93–1.01)
Aomori	2002	0.98 (0.94–1.02)
Aomori	2003	0.98 (0.94–1.02)
Aomori	2004	0.98 (0.94–1.02)
Aomori	2005	0.99 (0.95–1.03)
Aomori	2006	0.99 (0.95–1.03)
Aomori	2007	0.99 (0.94–1.03)
Aomori	2008	1.0 (0.97–1.04)
Aomori	2009	0.98 (0.93–1.02)
Aomori	2010	0.99 (0.95–1.04)
Aomori	2011	1.0 (0.97–1.03)
Aomori	2012	1.01 (0.96–1.06)
Aomori	2013	0.99 (0.93–1.04)
Aomori	2014	0.99 (0.95–1.04)
Aomori	2015	0.97 (0.93–1.02)
Aomori	2016	0.97 (0.86–1.09)
Aomori	2017	0.96 (0.81–1.13)
Chiba	1950	1.61 (1.33–1.93)
Chiba	1951	1.59 (1.31–1.9)
Chiba	1952	1.41 (1.17–1.67)
Chiba	1953	1.42 (1.18–1.68)
Chiba	1954	1.37 (1.15–1.61)
Chiba	1955	1.27 (1.07–1.48)
Chiba	1956	1.33 (1.12–1.56)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Chiba	1957	1.37 (1.16–1.6)
Chiba	1958	1.3 (1.1–1.52)
Chiba	1959	1.31 (1.11–1.53)
Chiba	1960	1.28 (1.07–1.49)
Chiba	1961	1.27 (1.07–1.5)
Chiba	1962	1.27 (1.05–1.51)
Chiba	1963	1.19 (0.97–1.41)
Chiba	1964	1.14 (0.93–1.36)
Chiba	1965	1.1 (0.89–1.32)
Chiba	1966	1.05 (0.86–1.25)
Chiba	1967	1.15 (0.95–1.37)
Chiba	1968	1.07 (0.89–1.27)
Chiba	1969	1.12 (0.94–1.31)
Chiba	1970	1.13 (0.95–1.32)
Chiba	1971	1.11 (0.95–1.3)
Chiba	1972	1.11 (0.95–1.29)
Chiba	1973	1.15 (1.0–1.32)
Chiba	1974	1.11 (0.98–1.26)
Chiba	1975	1.07 (0.95–1.19)
Chiba	1976	1.05 (0.95–1.16)
Chiba	1977	1.04 (0.96–1.12)
Chiba	1978	1.03 (0.97–1.09)
Chiba	1979	1.01 (0.97–1.05)
Chiba	1980	1.0 (0.98–1.03)
Chiba	1981	1.01 (0.99–1.04)
Chiba	1982	1.0 (0.97–1.02)
Chiba	1983	1.0 (0.97–1.02)
Chiba	1984	1.01 (0.98–1.03)
Chiba	1985	0.98 (0.95–1.01)
Chiba	1986	0.99 (0.96–1.02)
Chiba	1987	0.98 (0.95–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Chiba	1988	0.98 (0.95–1.01)
Chiba	1989	0.97 (0.94–1.0)
Chiba	1990	1.01 (0.97–1.04)
Chiba	1991	0.99 (0.96–1.02)
Chiba	1992	1.02 (0.99–1.05)
Chiba	1993	1.02 (0.99–1.06)
Chiba	1994	1.03 (0.99–1.06)
Chiba	1995	1.03 (0.99–1.06)
Chiba	1996	0.99 (0.96–1.02)
Chiba	1997	0.99 (0.96–1.03)
Chiba	1998	1.03 (1.0–1.07)
Chiba	1999	0.99 (0.96–1.03)
Chiba	2000	0.99 (0.95–1.02)
Chiba	2001	0.97 (0.93–1.01)
Chiba	2002	0.98 (0.94–1.02)
Chiba	2003	0.98 (0.94–1.02)
Chiba	2004	0.98 (0.94–1.02)
Chiba	2005	0.99 (0.95–1.03)
Chiba	2006	0.99 (0.95–1.03)
Chiba	2007	0.99 (0.94–1.03)
Chiba	2008	1.0 (0.97–1.04)
Chiba	2009	0.98 (0.93–1.02)
Chiba	2010	0.99 (0.95–1.04)
Chiba	2011	1.0 (0.97–1.03)
Chiba	2012	1.01 (0.96–1.06)
Chiba	2013	0.99 (0.93–1.04)
Chiba	2014	0.99 (0.95–1.04)
Chiba	2015	0.97 (0.93–1.02)
Chiba	2016	0.97 (0.86–1.09)
Chiba	2017	0.96 (0.81–1.13)
Ehime	1950	1.61 (1.33–1.93)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ehime	1951	1.59 (1.31–1.89)
Ehime	1952	1.41 (1.17–1.67)
Ehime	1953	1.42 (1.18–1.67)
Ehime	1954	1.37 (1.15–1.61)
Ehime	1955	1.26 (1.07–1.48)
Ehime	1956	1.33 (1.12–1.55)
Ehime	1957	1.37 (1.16–1.59)
Ehime	1958	1.3 (1.1–1.51)
Ehime	1959	1.31 (1.11–1.53)
Ehime	1960	1.28 (1.07–1.49)
Ehime	1961	1.27 (1.07–1.49)
Ehime	1962	1.27 (1.05–1.51)
Ehime	1963	1.19 (0.97–1.41)
Ehime	1964	1.14 (0.93–1.36)
Ehime	1965	1.1 (0.89–1.32)
Ehime	1966	1.05 (0.86–1.25)
Ehime	1967	1.15 (0.95–1.37)
Ehime	1968	1.07 (0.89–1.27)
Ehime	1969	1.12 (0.94–1.31)
Ehime	1970	1.13 (0.95–1.32)
Ehime	1971	1.11 (0.95–1.3)
Ehime	1972	1.11 (0.96–1.29)
Ehime	1973	1.15 (1.0–1.32)
Ehime	1974	1.11 (0.98–1.26)
Ehime	1975	1.07 (0.95–1.19)
Ehime	1976	1.05 (0.95–1.16)
Ehime	1977	1.04 (0.96–1.12)
Ehime	1978	1.03 (0.97–1.09)
Ehime	1979	1.01 (0.97–1.05)
Ehime	1980	1.0 (0.98–1.03)
Ehime	1981	1.01 (0.99–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ehime	1982	1.0 (0.97–1.02)
Ehime	1983	1.0 (0.97–1.02)
Ehime	1984	1.01 (0.98–1.03)
Ehime	1985	0.98 (0.95–1.01)
Ehime	1986	0.99 (0.96–1.02)
Ehime	1987	0.98 (0.95–1.01)
Ehime	1988	0.98 (0.95–1.01)
Ehime	1989	0.97 (0.94–1.0)
Ehime	1990	1.01 (0.97–1.03)
Ehime	1991	0.99 (0.96–1.02)
Ehime	1992	1.02 (0.99–1.05)
Ehime	1993	1.02 (0.99–1.06)
Ehime	1994	1.03 (0.99–1.06)
Ehime	1995	1.03 (0.99–1.06)
Ehime	1996	0.99 (0.96–1.02)
Ehime	1997	0.99 (0.96–1.03)
Ehime	1998	1.03 (1.0–1.07)
Ehime	1999	0.99 (0.96–1.03)
Ehime	2000	0.99 (0.95–1.02)
Ehime	2001	0.97 (0.93–1.01)
Ehime	2002	0.98 (0.94–1.02)
Ehime	2003	0.98 (0.94–1.02)
Ehime	2004	0.98 (0.94–1.02)
Ehime	2005	0.99 (0.95–1.03)
Ehime	2006	0.99 (0.95–1.03)
Ehime	2007	0.99 (0.94–1.03)
Ehime	2008	1.0 (0.97–1.04)
Ehime	2009	0.98 (0.93–1.02)
Ehime	2010	0.99 (0.95–1.04)
Ehime	2011	1.0 (0.97–1.03)
Ehime	2012	1.01 (0.96–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ehime	2013	0.99 (0.93–1.04)
Ehime	2014	0.99 (0.95–1.04)
Ehime	2015	0.97 (0.93–1.02)
Ehime	2016	0.97 (0.86–1.09)
Ehime	2017	0.96 (0.81–1.13)
Fukui	1950	1.62 (1.33–1.93)
Fukui	1951	1.59 (1.31–1.9)
Fukui	1952	1.41 (1.17–1.67)
Fukui	1953	1.42 (1.18–1.68)
Fukui	1954	1.37 (1.15–1.61)
Fukui	1955	1.27 (1.07–1.48)
Fukui	1956	1.33 (1.12–1.56)
Fukui	1957	1.37 (1.16–1.6)
Fukui	1958	1.3 (1.1–1.52)
Fukui	1959	1.31 (1.11–1.53)
Fukui	1960	1.28 (1.07–1.49)
Fukui	1961	1.27 (1.07–1.5)
Fukui	1962	1.27 (1.05–1.51)
Fukui	1963	1.19 (0.97–1.41)
Fukui	1964	1.14 (0.93–1.36)
Fukui	1965	1.1 (0.89–1.32)
Fukui	1966	1.05 (0.86–1.25)
Fukui	1967	1.15 (0.95–1.37)
Fukui	1968	1.07 (0.89–1.27)
Fukui	1969	1.12 (0.94–1.31)
Fukui	1970	1.13 (0.95–1.32)
Fukui	1971	1.11 (0.95–1.3)
Fukui	1972	1.11 (0.95–1.29)
Fukui	1973	1.15 (1.0–1.32)
Fukui	1974	1.11 (0.98–1.26)
Fukui	1975	1.07 (0.95–1.19)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Fukui	1976	1.05 (0.95–1.16)
Fukui	1977	1.04 (0.96–1.12)
Fukui	1978	1.03 (0.97–1.09)
Fukui	1979	1.01 (0.97–1.05)
Fukui	1980	1.0 (0.98–1.03)
Fukui	1981	1.01 (0.99–1.04)
Fukui	1982	1.0 (0.97–1.02)
Fukui	1983	1.0 (0.97–1.02)
Fukui	1984	1.01 (0.98–1.03)
Fukui	1985	0.98 (0.95–1.01)
Fukui	1986	0.99 (0.96–1.02)
Fukui	1987	0.98 (0.95–1.01)
Fukui	1988	0.98 (0.95–1.01)
Fukui	1989	0.97 (0.94–1.0)
Fukui	1990	1.01 (0.97–1.03)
Fukui	1991	0.99 (0.96–1.02)
Fukui	1992	1.02 (0.99–1.05)
Fukui	1993	1.02 (0.99–1.06)
Fukui	1994	1.03 (0.99–1.06)
Fukui	1995	1.03 (0.99–1.06)
Fukui	1996	0.99 (0.96–1.02)
Fukui	1997	0.99 (0.96–1.03)
Fukui	1998	1.03 (1.0–1.07)
Fukui	1999	0.99 (0.96–1.03)
Fukui	2000	0.99 (0.95–1.02)
Fukui	2001	0.97 (0.93–1.01)
Fukui	2002	0.98 (0.94–1.02)
Fukui	2003	0.98 (0.94–1.02)
Fukui	2004	0.98 (0.94–1.02)
Fukui	2005	0.99 (0.95–1.03)
Fukui	2006	0.99 (0.95–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Fukui	2007	0.99 (0.94–1.03)
Fukui	2008	1.0 (0.97–1.04)
Fukui	2009	0.98 (0.93–1.02)
Fukui	2010	0.99 (0.95–1.04)
Fukui	2011	1.0 (0.97–1.03)
Fukui	2012	1.01 (0.96–1.06)
Fukui	2013	0.99 (0.93–1.04)
Fukui	2014	0.99 (0.95–1.04)
Fukui	2015	0.97 (0.93–1.02)
Fukui	2016	0.97 (0.86–1.09)
Fukui	2017	0.96 (0.81–1.13)
Fukuoka	1950	1.61 (1.33–1.93)
Fukuoka	1951	1.59 (1.31–1.9)
Fukuoka	1952	1.41 (1.17–1.67)
Fukuoka	1953	1.42 (1.18–1.68)
Fukuoka	1954	1.37 (1.15–1.61)
Fukuoka	1955	1.27 (1.07–1.48)
Fukuoka	1956	1.33 (1.12–1.56)
Fukuoka	1957	1.37 (1.16–1.6)
Fukuoka	1958	1.3 (1.1–1.52)
Fukuoka	1959	1.31 (1.11–1.53)
Fukuoka	1960	1.28 (1.07–1.49)
Fukuoka	1961	1.27 (1.07–1.5)
Fukuoka	1962	1.27 (1.05–1.51)
Fukuoka	1963	1.19 (0.97–1.41)
Fukuoka	1964	1.14 (0.93–1.36)
Fukuoka	1965	1.1 (0.89–1.32)
Fukuoka	1966	1.05 (0.86–1.25)
Fukuoka	1967	1.15 (0.95–1.37)
Fukuoka	1968	1.07 (0.89–1.27)
Fukuoka	1969	1.12 (0.94–1.31)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Fukuoka	1970	1.13 (0.95–1.32)
Fukuoka	1971	1.11 (0.95–1.3)
Fukuoka	1972	1.11 (0.95–1.29)
Fukuoka	1973	1.15 (1.0–1.32)
Fukuoka	1974	1.11 (0.98–1.26)
Fukuoka	1975	1.07 (0.95–1.19)
Fukuoka	1976	1.05 (0.95–1.16)
Fukuoka	1977	1.04 (0.96–1.12)
Fukuoka	1978	1.03 (0.97–1.09)
Fukuoka	1979	1.01 (0.97–1.05)
Fukuoka	1980	1.0 (0.98–1.03)
Fukuoka	1981	1.01 (0.99–1.04)
Fukuoka	1982	1.0 (0.97–1.02)
Fukuoka	1983	1.0 (0.97–1.02)
Fukuoka	1984	1.01 (0.98–1.03)
Fukuoka	1985	0.98 (0.95–1.01)
Fukuoka	1986	0.99 (0.96–1.02)
Fukuoka	1987	0.98 (0.95–1.01)
Fukuoka	1988	0.98 (0.95–1.01)
Fukuoka	1989	0.97 (0.94–1.0)
Fukuoka	1990	1.01 (0.97–1.03)
Fukuoka	1991	0.99 (0.96–1.02)
Fukuoka	1992	1.02 (0.99–1.05)
Fukuoka	1993	1.02 (0.99–1.06)
Fukuoka	1994	1.03 (0.99–1.06)
Fukuoka	1995	1.03 (0.99–1.06)
Fukuoka	1996	0.99 (0.96–1.02)
Fukuoka	1997	0.99 (0.96–1.03)
Fukuoka	1998	1.03 (1.0–1.07)
Fukuoka	1999	0.99 (0.96–1.03)
Fukuoka	2000	0.99 (0.95–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Fukuoka	2001	0.97 (0.93–1.01)
Fukuoka	2002	0.98 (0.94–1.02)
Fukuoka	2003	0.98 (0.94–1.02)
Fukuoka	2004	0.98 (0.94–1.02)
Fukuoka	2005	0.99 (0.95–1.03)
Fukuoka	2006	0.99 (0.95–1.03)
Fukuoka	2007	0.99 (0.94–1.03)
Fukuoka	2008	1.0 (0.97–1.04)
Fukuoka	2009	0.98 (0.93–1.02)
Fukuoka	2010	0.99 (0.95–1.04)
Fukuoka	2011	1.0 (0.97–1.03)
Fukuoka	2012	1.01 (0.96–1.06)
Fukuoka	2013	0.99 (0.93–1.04)
Fukuoka	2014	0.99 (0.95–1.04)
Fukuoka	2015	0.97 (0.93–1.02)
Fukuoka	2016	0.97 (0.86–1.09)
Fukuoka	2017	0.96 (0.81–1.13)
Fukushima	1950	1.61 (1.32–1.92)
Fukushima	1951	1.58 (1.3–1.89)
Fukushima	1952	1.41 (1.17–1.67)
Fukushima	1953	1.42 (1.18–1.67)
Fukushima	1954	1.37 (1.15–1.61)
Fukushima	1955	1.26 (1.07–1.48)
Fukushima	1956	1.32 (1.12–1.55)
Fukushima	1957	1.37 (1.16–1.59)
Fukushima	1958	1.3 (1.1–1.51)
Fukushima	1959	1.31 (1.11–1.53)
Fukushima	1960	1.28 (1.07–1.49)
Fukushima	1961	1.27 (1.07–1.49)
Fukushima	1962	1.27 (1.05–1.51)
Fukushima	1963	1.19 (0.97–1.41)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Fukushima	1964	1.14 (0.93–1.36)
Fukushima	1965	1.1 (0.89–1.32)
Fukushima	1966	1.05 (0.86–1.25)
Fukushima	1967	1.15 (0.95–1.37)
Fukushima	1968	1.07 (0.89–1.27)
Fukushima	1969	1.12 (0.94–1.31)
Fukushima	1970	1.13 (0.95–1.32)
Fukushima	1971	1.11 (0.95–1.29)
Fukushima	1972	1.11 (0.96–1.29)
Fukushima	1973	1.15 (1.0–1.32)
Fukushima	1974	1.11 (0.98–1.26)
Fukushima	1975	1.07 (0.95–1.19)
Fukushima	1976	1.05 (0.95–1.16)
Fukushima	1977	1.04 (0.96–1.12)
Fukushima	1978	1.03 (0.97–1.09)
Fukushima	1979	1.01 (0.97–1.05)
Fukushima	1980	1.0 (0.98–1.03)
Fukushima	1981	1.01 (0.99–1.04)
Fukushima	1982	1.0 (0.97–1.02)
Fukushima	1983	1.0 (0.97–1.02)
Fukushima	1984	1.01 (0.98–1.03)
Fukushima	1985	0.98 (0.95–1.01)
Fukushima	1986	0.99 (0.96–1.02)
Fukushima	1987	0.98 (0.95–1.01)
Fukushima	1988	0.98 (0.95–1.01)
Fukushima	1989	0.97 (0.94–1.0)
Fukushima	1990	1.01 (0.97–1.03)
Fukushima	1991	0.99 (0.96–1.02)
Fukushima	1992	1.02 (0.99–1.05)
Fukushima	1993	1.02 (0.99–1.06)
Fukushima	1994	1.03 (0.99–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Fukushima	1995	1.03 (0.99–1.06)
Fukushima	1996	0.99 (0.96–1.02)
Fukushima	1997	0.99 (0.96–1.03)
Fukushima	1998	1.03 (1.0–1.07)
Fukushima	1999	0.99 (0.96–1.03)
Fukushima	2000	0.99 (0.95–1.02)
Fukushima	2001	0.97 (0.93–1.01)
Fukushima	2002	0.98 (0.94–1.02)
Fukushima	2003	0.98 (0.94–1.02)
Fukushima	2004	0.98 (0.94–1.02)
Fukushima	2005	0.99 (0.95–1.03)
Fukushima	2006	0.99 (0.95–1.03)
Fukushima	2007	0.99 (0.94–1.03)
Fukushima	2008	1.0 (0.97–1.04)
Fukushima	2009	0.98 (0.93–1.02)
Fukushima	2010	0.99 (0.95–1.04)
Fukushima	2011	1.0 (0.97–1.03)
Fukushima	2012	1.01 (0.96–1.06)
Fukushima	2013	0.99 (0.93–1.04)
Fukushima	2014	0.99 (0.95–1.04)
Fukushima	2015	0.97 (0.93–1.02)
Fukushima	2016	0.97 (0.86–1.09)
Fukushima	2017	0.96 (0.81–1.13)
Gifu	1950	1.61 (1.33–1.93)
Gifu	1951	1.59 (1.31–1.9)
Gifu	1952	1.41 (1.17–1.67)
Gifu	1953	1.42 (1.18–1.67)
Gifu	1954	1.37 (1.15–1.61)
Gifu	1955	1.26 (1.07–1.48)
Gifu	1956	1.33 (1.12–1.55)
Gifu	1957	1.37 (1.16–1.59)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Gifu	1958	1.3 (1.1–1.51)
Gifu	1959	1.31 (1.11–1.53)
Gifu	1960	1.28 (1.07–1.49)
Gifu	1961	1.27 (1.07–1.5)
Gifu	1962	1.27 (1.05–1.51)
Gifu	1963	1.19 (0.97–1.41)
Gifu	1964	1.14 (0.93–1.36)
Gifu	1965	1.1 (0.89–1.32)
Gifu	1966	1.05 (0.86–1.25)
Gifu	1967	1.15 (0.95–1.37)
Gifu	1968	1.07 (0.89–1.27)
Gifu	1969	1.12 (0.94–1.31)
Gifu	1970	1.13 (0.95–1.32)
Gifu	1971	1.11 (0.95–1.3)
Gifu	1972	1.11 (0.96–1.29)
Gifu	1973	1.15 (1.0–1.32)
Gifu	1974	1.11 (0.98–1.26)
Gifu	1975	1.07 (0.95–1.19)
Gifu	1976	1.05 (0.95–1.16)
Gifu	1977	1.04 (0.96–1.12)
Gifu	1978	1.03 (0.97–1.09)
Gifu	1979	1.01 (0.97–1.05)
Gifu	1980	1.0 (0.98–1.03)
Gifu	1981	1.01 (0.99–1.04)
Gifu	1982	1.0 (0.97–1.02)
Gifu	1983	1.0 (0.97–1.02)
Gifu	1984	1.01 (0.98–1.03)
Gifu	1985	0.98 (0.95–1.01)
Gifu	1986	0.99 (0.96–1.02)
Gifu	1987	0.98 (0.95–1.01)
Gifu	1988	0.98 (0.95–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Gifu	1989	0.97 (0.94–1.0)
Gifu	1990	1.01 (0.97–1.04)
Gifu	1991	0.99 (0.96–1.02)
Gifu	1992	1.02 (0.99–1.05)
Gifu	1993	1.02 (0.99–1.06)
Gifu	1994	1.03 (0.99–1.06)
Gifu	1995	1.03 (0.99–1.06)
Gifu	1996	0.99 (0.96–1.02)
Gifu	1997	0.99 (0.96–1.03)
Gifu	1998	1.03 (1.0–1.07)
Gifu	1999	0.99 (0.96–1.03)
Gifu	2000	0.99 (0.95–1.02)
Gifu	2001	0.97 (0.93–1.01)
Gifu	2002	0.98 (0.94–1.02)
Gifu	2003	0.98 (0.94–1.02)
Gifu	2004	0.98 (0.94–1.02)
Gifu	2005	0.99 (0.95–1.03)
Gifu	2006	0.99 (0.95–1.03)
Gifu	2007	0.99 (0.94–1.03)
Gifu	2008	1.0 (0.97–1.04)
Gifu	2009	0.98 (0.93–1.02)
Gifu	2010	0.99 (0.95–1.04)
Gifu	2011	1.0 (0.97–1.03)
Gifu	2012	1.01 (0.96–1.06)
Gifu	2013	0.99 (0.93–1.04)
Gifu	2014	0.99 (0.95–1.04)
Gifu	2015	0.97 (0.93–1.02)
Gifu	2016	0.97 (0.86–1.09)
Gifu	2017	0.96 (0.81–1.13)
Gunma	1950	1.61 (1.33–1.93)
Gunma	1951	1.59 (1.31–1.9)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Gunma	1952	1.41 (1.17–1.67)
Gunma	1953	1.42 (1.18–1.67)
Gunma	1954	1.37 (1.15–1.61)
Gunma	1955	1.26 (1.07–1.48)
Gunma	1956	1.33 (1.12–1.55)
Gunma	1957	1.37 (1.16–1.59)
Gunma	1958	1.3 (1.1–1.51)
Gunma	1959	1.31 (1.11–1.53)
Gunma	1960	1.28 (1.07–1.49)
Gunma	1961	1.27 (1.07–1.5)
Gunma	1962	1.27 (1.05–1.51)
Gunma	1963	1.19 (0.97–1.41)
Gunma	1964	1.14 (0.93–1.36)
Gunma	1965	1.1 (0.89–1.32)
Gunma	1966	1.05 (0.86–1.25)
Gunma	1967	1.15 (0.95–1.37)
Gunma	1968	1.07 (0.89–1.27)
Gunma	1969	1.12 (0.94–1.31)
Gunma	1970	1.13 (0.95–1.32)
Gunma	1971	1.11 (0.95–1.3)
Gunma	1972	1.11 (0.96–1.29)
Gunma	1973	1.15 (1.0–1.32)
Gunma	1974	1.11 (0.98–1.26)
Gunma	1975	1.07 (0.95–1.19)
Gunma	1976	1.05 (0.95–1.16)
Gunma	1977	1.04 (0.96–1.12)
Gunma	1978	1.03 (0.97–1.09)
Gunma	1979	1.01 (0.97–1.05)
Gunma	1980	1.0 (0.98–1.03)
Gunma	1981	1.01 (0.99–1.04)
Gunma	1982	1.0 (0.97–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Gunma	1983	1.0 (0.97-1.02)
Gunma	1984	1.01 (0.98-1.03)
Gunma	1985	0.98 (0.95-1.01)
Gunma	1986	0.99 (0.96-1.02)
Gunma	1987	0.98 (0.95-1.01)
Gunma	1988	0.98 (0.95-1.01)
Gunma	1989	0.97 (0.94-1.0)
Gunma	1990	1.01 (0.97-1.03)
Gunma	1991	0.99 (0.96-1.02)
Gunma	1992	1.02 (0.99-1.05)
Gunma	1993	1.02 (0.99-1.06)
Gunma	1994	1.03 (0.99-1.06)
Gunma	1995	1.03 (0.99-1.06)
Gunma	1996	0.99 (0.96-1.02)
Gunma	1997	0.99 (0.96-1.03)
Gunma	1998	1.03 (1.0-1.07)
Gunma	1999	0.99 (0.96-1.03)
Gunma	2000	0.99 (0.95-1.02)
Gunma	2001	0.97 (0.93-1.01)
Gunma	2002	0.98 (0.94-1.02)
Gunma	2003	0.98 (0.94-1.02)
Gunma	2004	0.98 (0.94-1.02)
Gunma	2005	0.99 (0.95-1.03)
Gunma	2006	0.99 (0.95-1.03)
Gunma	2007	0.99 (0.94-1.03)
Gunma	2008	1.0 (0.97-1.04)
Gunma	2009	0.98 (0.93-1.02)
Gunma	2010	0.99 (0.95-1.04)
Gunma	2011	1.0 (0.97-1.03)
Gunma	2012	1.01 (0.96-1.06)
Gunma	2013	0.99 (0.93-1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Gunma	2014	0.99 (0.95–1.04)
Gunma	2015	0.97 (0.93–1.02)
Gunma	2016	0.97 (0.86–1.09)
Gunma	2017	0.96 (0.81–1.13)
Hiroshima	1950	1.61 (1.33–1.93)
Hiroshima	1951	1.59 (1.31–1.89)
Hiroshima	1952	1.41 (1.17–1.67)
Hiroshima	1953	1.42 (1.18–1.67)
Hiroshima	1954	1.37 (1.15–1.61)
Hiroshima	1955	1.26 (1.07–1.48)
Hiroshima	1956	1.33 (1.12–1.55)
Hiroshima	1957	1.37 (1.16–1.6)
Hiroshima	1958	1.3 (1.1–1.51)
Hiroshima	1959	1.31 (1.11–1.53)
Hiroshima	1960	1.28 (1.07–1.49)
Hiroshima	1961	1.27 (1.07–1.49)
Hiroshima	1962	1.27 (1.05–1.51)
Hiroshima	1963	1.19 (0.97–1.41)
Hiroshima	1964	1.14 (0.93–1.36)
Hiroshima	1965	1.1 (0.89–1.32)
Hiroshima	1966	1.05 (0.86–1.25)
Hiroshima	1967	1.15 (0.95–1.37)
Hiroshima	1968	1.07 (0.89–1.27)
Hiroshima	1969	1.12 (0.94–1.31)
Hiroshima	1970	1.13 (0.95–1.32)
Hiroshima	1971	1.11 (0.95–1.3)
Hiroshima	1972	1.11 (0.96–1.29)
Hiroshima	1973	1.15 (1.0–1.32)
Hiroshima	1974	1.11 (0.98–1.26)
Hiroshima	1975	1.07 (0.95–1.19)
Hiroshima	1976	1.05 (0.95–1.16)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hiroshima	1977	1.04 (0.96–1.12)
Hiroshima	1978	1.03 (0.97–1.09)
Hiroshima	1979	1.01 (0.97–1.05)
Hiroshima	1980	1.0 (0.98–1.03)
Hiroshima	1981	1.01 (0.99–1.04)
Hiroshima	1982	1.0 (0.97–1.02)
Hiroshima	1983	1.0 (0.97–1.02)
Hiroshima	1984	1.01 (0.98–1.03)
Hiroshima	1985	0.98 (0.95–1.01)
Hiroshima	1986	0.99 (0.96–1.02)
Hiroshima	1987	0.98 (0.95–1.01)
Hiroshima	1988	0.98 (0.95–1.01)
Hiroshima	1989	0.97 (0.94–1.0)
Hiroshima	1990	1.01 (0.97–1.03)
Hiroshima	1991	0.99 (0.96–1.02)
Hiroshima	1992	1.02 (0.99–1.05)
Hiroshima	1993	1.02 (0.99–1.06)
Hiroshima	1994	1.03 (0.99–1.06)
Hiroshima	1995	1.03 (0.99–1.06)
Hiroshima	1996	0.99 (0.96–1.02)
Hiroshima	1997	0.99 (0.96–1.03)
Hiroshima	1998	1.03 (1.0–1.07)
Hiroshima	1999	0.99 (0.96–1.03)
Hiroshima	2000	0.99 (0.95–1.02)
Hiroshima	2001	0.97 (0.93–1.01)
Hiroshima	2002	0.98 (0.94–1.02)
Hiroshima	2003	0.98 (0.94–1.02)
Hiroshima	2004	0.98 (0.94–1.02)
Hiroshima	2005	0.99 (0.95–1.03)
Hiroshima	2006	0.99 (0.95–1.03)
Hiroshima	2007	0.99 (0.94–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hiroshima	2008	1.0 (0.97–1.04)
Hiroshima	2009	0.98 (0.93–1.02)
Hiroshima	2010	0.99 (0.95–1.04)
Hiroshima	2011	1.0 (0.97–1.03)
Hiroshima	2012	1.01 (0.96–1.06)
Hiroshima	2013	0.99 (0.93–1.04)
Hiroshima	2014	0.99 (0.95–1.04)
Hiroshima	2015	0.97 (0.93–1.02)
Hiroshima	2016	0.97 (0.86–1.09)
Hiroshima	2017	0.96 (0.81–1.13)
Hokkaidō	1950	1.61 (1.33–1.93)
Hokkaidō	1951	1.59 (1.31–1.89)
Hokkaidō	1952	1.41 (1.17–1.67)
Hokkaidō	1953	1.42 (1.18–1.67)
Hokkaidō	1954	1.37 (1.15–1.61)
Hokkaidō	1955	1.26 (1.07–1.48)
Hokkaidō	1956	1.33 (1.12–1.56)
Hokkaidō	1957	1.37 (1.16–1.59)
Hokkaidō	1958	1.3 (1.1–1.51)
Hokkaidō	1959	1.31 (1.11–1.53)
Hokkaidō	1960	1.28 (1.07–1.49)
Hokkaidō	1961	1.27 (1.07–1.49)
Hokkaidō	1962	1.27 (1.05–1.51)
Hokkaidō	1963	1.19 (0.97–1.41)
Hokkaidō	1964	1.14 (0.93–1.36)
Hokkaidō	1965	1.1 (0.89–1.32)
Hokkaidō	1966	1.05 (0.86–1.25)
Hokkaidō	1967	1.15 (0.95–1.37)
Hokkaidō	1968	1.07 (0.89–1.27)
Hokkaidō	1969	1.12 (0.94–1.31)
Hokkaidō	1970	1.13 (0.95–1.32)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hokkaidō	1971	1.11 (0.95–1.3)
Hokkaidō	1972	1.11 (0.96–1.29)
Hokkaidō	1973	1.15 (1.0–1.32)
Hokkaidō	1974	1.11 (0.98–1.26)
Hokkaidō	1975	1.07 (0.95–1.19)
Hokkaidō	1976	1.05 (0.95–1.16)
Hokkaidō	1977	1.04 (0.96–1.12)
Hokkaidō	1978	1.03 (0.97–1.09)
Hokkaidō	1979	1.01 (0.97–1.05)
Hokkaidō	1980	1.0 (0.98–1.03)
Hokkaidō	1981	1.01 (0.99–1.04)
Hokkaidō	1982	1.0 (0.97–1.02)
Hokkaidō	1983	1.0 (0.97–1.02)
Hokkaidō	1984	1.01 (0.98–1.03)
Hokkaidō	1985	0.98 (0.95–1.01)
Hokkaidō	1986	0.99 (0.96–1.02)
Hokkaidō	1987	0.98 (0.95–1.01)
Hokkaidō	1988	0.98 (0.95–1.01)
Hokkaidō	1989	0.97 (0.94–1.0)
Hokkaidō	1990	1.01 (0.97–1.03)
Hokkaidō	1991	0.99 (0.96–1.02)
Hokkaidō	1992	1.02 (0.99–1.05)
Hokkaidō	1993	1.02 (0.99–1.06)
Hokkaidō	1994	1.03 (0.99–1.06)
Hokkaidō	1995	1.03 (0.99–1.06)
Hokkaidō	1996	0.99 (0.96–1.02)
Hokkaidō	1997	0.99 (0.96–1.03)
Hokkaidō	1998	1.03 (1.0–1.07)
Hokkaidō	1999	0.99 (0.96–1.03)
Hokkaidō	2000	0.99 (0.95–1.02)
Hokkaidō	2001	0.97 (0.93–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hokkaidō	2002	0.98 (0.94–1.02)
Hokkaidō	2003	0.98 (0.94–1.02)
Hokkaidō	2004	0.98 (0.94–1.02)
Hokkaidō	2005	0.99 (0.95–1.03)
Hokkaidō	2006	0.99 (0.95–1.03)
Hokkaidō	2007	0.99 (0.94–1.03)
Hokkaidō	2008	1.0 (0.97–1.04)
Hokkaidō	2009	0.98 (0.93–1.02)
Hokkaidō	2010	0.99 (0.95–1.04)
Hokkaidō	2011	1.0 (0.97–1.03)
Hokkaidō	2012	1.01 (0.96–1.06)
Hokkaidō	2013	0.99 (0.93–1.04)
Hokkaidō	2014	0.99 (0.95–1.04)
Hokkaidō	2015	0.97 (0.93–1.02)
Hokkaidō	2016	0.97 (0.86–1.09)
Hokkaidō	2017	0.96 (0.81–1.13)
Hyōgo	1950	1.61 (1.33–1.93)
Hyōgo	1951	1.59 (1.31–1.9)
Hyōgo	1952	1.41 (1.17–1.67)
Hyōgo	1953	1.42 (1.18–1.68)
Hyōgo	1954	1.37 (1.15–1.61)
Hyōgo	1955	1.27 (1.07–1.48)
Hyōgo	1956	1.33 (1.12–1.56)
Hyōgo	1957	1.37 (1.16–1.6)
Hyōgo	1958	1.3 (1.1–1.52)
Hyōgo	1959	1.31 (1.11–1.53)
Hyōgo	1960	1.28 (1.07–1.49)
Hyōgo	1961	1.27 (1.07–1.5)
Hyōgo	1962	1.27 (1.05–1.51)
Hyōgo	1963	1.19 (0.97–1.41)
Hyōgo	1964	1.14 (0.93–1.36)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hyōgo	1965	1.1 (0.89–1.32)
Hyōgo	1966	1.05 (0.86–1.25)
Hyōgo	1967	1.15 (0.95–1.37)
Hyōgo	1968	1.07 (0.89–1.27)
Hyōgo	1969	1.12 (0.94–1.31)
Hyōgo	1970	1.13 (0.95–1.32)
Hyōgo	1971	1.11 (0.95–1.3)
Hyōgo	1972	1.11 (0.95–1.29)
Hyōgo	1973	1.15 (1.0–1.32)
Hyōgo	1974	1.11 (0.98–1.26)
Hyōgo	1975	1.07 (0.95–1.19)
Hyōgo	1976	1.05 (0.95–1.16)
Hyōgo	1977	1.04 (0.96–1.12)
Hyōgo	1978	1.03 (0.97–1.09)
Hyōgo	1979	1.01 (0.97–1.05)
Hyōgo	1980	1.0 (0.98–1.03)
Hyōgo	1981	1.01 (0.99–1.04)
Hyōgo	1982	1.0 (0.97–1.02)
Hyōgo	1983	1.0 (0.97–1.02)
Hyōgo	1984	1.01 (0.98–1.03)
Hyōgo	1985	0.98 (0.95–1.01)
Hyōgo	1986	0.99 (0.96–1.02)
Hyōgo	1987	0.98 (0.95–1.01)
Hyōgo	1988	0.98 (0.95–1.01)
Hyōgo	1989	0.97 (0.94–1.0)
Hyōgo	1990	1.01 (0.97–1.03)
Hyōgo	1991	0.99 (0.96–1.02)
Hyōgo	1992	1.02 (0.99–1.05)
Hyōgo	1993	1.02 (0.99–1.06)
Hyōgo	1994	1.03 (0.99–1.06)
Hyōgo	1995	1.03 (0.99–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hyōgo	1996	0.99 (0.96–1.02)
Hyōgo	1997	0.99 (0.96–1.03)
Hyōgo	1998	1.03 (1.0–1.07)
Hyōgo	1999	0.99 (0.96–1.03)
Hyōgo	2000	0.99 (0.95–1.02)
Hyōgo	2001	0.97 (0.93–1.01)
Hyōgo	2002	0.98 (0.94–1.02)
Hyōgo	2003	0.98 (0.94–1.02)
Hyōgo	2004	0.98 (0.94–1.02)
Hyōgo	2005	0.99 (0.95–1.03)
Hyōgo	2006	0.99 (0.95–1.03)
Hyōgo	2007	0.99 (0.94–1.03)
Hyōgo	2008	1.0 (0.97–1.04)
Hyōgo	2009	0.98 (0.93–1.02)
Hyōgo	2010	0.99 (0.95–1.04)
Hyōgo	2011	1.0 (0.97–1.03)
Hyōgo	2012	1.01 (0.96–1.06)
Hyōgo	2013	0.99 (0.93–1.04)
Hyōgo	2014	0.99 (0.95–1.04)
Hyōgo	2015	0.97 (0.93–1.02)
Hyōgo	2016	0.97 (0.86–1.09)
Hyōgo	2017	0.96 (0.81–1.13)
Ibaraki	1950	1.61 (1.32–1.92)
Ibaraki	1951	1.58 (1.3–1.89)
Ibaraki	1952	1.41 (1.17–1.67)
Ibaraki	1953	1.42 (1.18–1.67)
Ibaraki	1954	1.37 (1.15–1.61)
Ibaraki	1955	1.26 (1.07–1.48)
Ibaraki	1956	1.33 (1.12–1.55)
Ibaraki	1957	1.37 (1.16–1.59)
Ibaraki	1958	1.3 (1.1–1.51)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ibaraki	1959	1.31 (1.11–1.53)
Ibaraki	1960	1.28 (1.07–1.49)
Ibaraki	1961	1.27 (1.07–1.49)
Ibaraki	1962	1.27 (1.05–1.51)
Ibaraki	1963	1.19 (0.97–1.41)
Ibaraki	1964	1.14 (0.93–1.36)
Ibaraki	1965	1.1 (0.89–1.32)
Ibaraki	1966	1.05 (0.86–1.25)
Ibaraki	1967	1.15 (0.95–1.37)
Ibaraki	1968	1.07 (0.89–1.27)
Ibaraki	1969	1.12 (0.94–1.31)
Ibaraki	1970	1.13 (0.95–1.32)
Ibaraki	1971	1.11 (0.95–1.29)
Ibaraki	1972	1.11 (0.96–1.29)
Ibaraki	1973	1.15 (1.0–1.32)
Ibaraki	1974	1.11 (0.98–1.26)
Ibaraki	1975	1.07 (0.95–1.19)
Ibaraki	1976	1.05 (0.95–1.16)
Ibaraki	1977	1.04 (0.96–1.12)
Ibaraki	1978	1.03 (0.97–1.09)
Ibaraki	1979	1.01 (0.97–1.05)
Ibaraki	1980	1.0 (0.98–1.03)
Ibaraki	1981	1.01 (0.99–1.04)
Ibaraki	1982	1.0 (0.97–1.02)
Ibaraki	1983	1.0 (0.97–1.02)
Ibaraki	1984	1.01 (0.98–1.03)
Ibaraki	1985	0.98 (0.95–1.01)
Ibaraki	1986	0.99 (0.96–1.02)
Ibaraki	1987	0.98 (0.95–1.01)
Ibaraki	1988	0.98 (0.95–1.01)
Ibaraki	1989	0.97 (0.94–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ibaraki	1990	1.01 (0.97–1.03)
Ibaraki	1991	0.99 (0.96–1.02)
Ibaraki	1992	1.02 (0.99–1.05)
Ibaraki	1993	1.02 (0.99–1.06)
Ibaraki	1994	1.03 (0.99–1.06)
Ibaraki	1995	1.03 (0.99–1.06)
Ibaraki	1996	0.99 (0.96–1.02)
Ibaraki	1997	0.99 (0.96–1.03)
Ibaraki	1998	1.03 (1.0–1.07)
Ibaraki	1999	0.99 (0.96–1.03)
Ibaraki	2000	0.99 (0.95–1.02)
Ibaraki	2001	0.97 (0.93–1.01)
Ibaraki	2002	0.98 (0.94–1.02)
Ibaraki	2003	0.98 (0.94–1.02)
Ibaraki	2004	0.98 (0.94–1.02)
Ibaraki	2005	0.99 (0.95–1.03)
Ibaraki	2006	0.99 (0.95–1.03)
Ibaraki	2007	0.99 (0.94–1.03)
Ibaraki	2008	1.0 (0.97–1.04)
Ibaraki	2009	0.98 (0.93–1.02)
Ibaraki	2010	0.99 (0.95–1.04)
Ibaraki	2011	1.0 (0.97–1.03)
Ibaraki	2012	1.01 (0.96–1.06)
Ibaraki	2013	0.99 (0.93–1.04)
Ibaraki	2014	0.99 (0.95–1.04)
Ibaraki	2015	0.97 (0.93–1.02)
Ibaraki	2016	0.97 (0.86–1.09)
Ibaraki	2017	0.96 (0.81–1.13)
Ishikawa	1950	1.61 (1.33–1.93)
Ishikawa	1951	1.59 (1.31–1.9)
Ishikawa	1952	1.41 (1.17–1.67)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ishikawa	1953	1.42 (1.18–1.67)
Ishikawa	1954	1.37 (1.15–1.61)
Ishikawa	1955	1.26 (1.07–1.48)
Ishikawa	1956	1.33 (1.12–1.55)
Ishikawa	1957	1.37 (1.16–1.6)
Ishikawa	1958	1.3 (1.1–1.52)
Ishikawa	1959	1.31 (1.11–1.53)
Ishikawa	1960	1.28 (1.07–1.49)
Ishikawa	1961	1.27 (1.07–1.5)
Ishikawa	1962	1.27 (1.05–1.51)
Ishikawa	1963	1.19 (0.97–1.41)
Ishikawa	1964	1.14 (0.93–1.36)
Ishikawa	1965	1.1 (0.89–1.32)
Ishikawa	1966	1.05 (0.86–1.25)
Ishikawa	1967	1.15 (0.95–1.37)
Ishikawa	1968	1.07 (0.89–1.27)
Ishikawa	1969	1.12 (0.94–1.31)
Ishikawa	1970	1.13 (0.95–1.32)
Ishikawa	1971	1.11 (0.95–1.3)
Ishikawa	1972	1.11 (0.96–1.29)
Ishikawa	1973	1.15 (1.0–1.32)
Ishikawa	1974	1.11 (0.98–1.26)
Ishikawa	1975	1.07 (0.95–1.19)
Ishikawa	1976	1.05 (0.95–1.16)
Ishikawa	1977	1.04 (0.96–1.12)
Ishikawa	1978	1.03 (0.97–1.09)
Ishikawa	1979	1.01 (0.97–1.05)
Ishikawa	1980	1.0 (0.98–1.03)
Ishikawa	1981	1.01 (0.99–1.04)
Ishikawa	1982	1.0 (0.97–1.02)
Ishikawa	1983	1.0 (0.97–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ishikawa	1984	1.01 (0.98–1.03)
Ishikawa	1985	0.98 (0.95–1.01)
Ishikawa	1986	0.99 (0.96–1.02)
Ishikawa	1987	0.98 (0.95–1.01)
Ishikawa	1988	0.98 (0.95–1.01)
Ishikawa	1989	0.97 (0.94–1.0)
Ishikawa	1990	1.01 (0.97–1.03)
Ishikawa	1991	0.99 (0.96–1.02)
Ishikawa	1992	1.02 (0.99–1.05)
Ishikawa	1993	1.02 (0.99–1.06)
Ishikawa	1994	1.03 (0.99–1.06)
Ishikawa	1995	1.03 (0.99–1.06)
Ishikawa	1996	0.99 (0.96–1.02)
Ishikawa	1997	0.99 (0.96–1.03)
Ishikawa	1998	1.03 (1.0–1.07)
Ishikawa	1999	0.99 (0.96–1.03)
Ishikawa	2000	0.99 (0.95–1.02)
Ishikawa	2001	0.97 (0.93–1.01)
Ishikawa	2002	0.98 (0.94–1.02)
Ishikawa	2003	0.98 (0.94–1.02)
Ishikawa	2004	0.98 (0.94–1.02)
Ishikawa	2005	0.99 (0.95–1.03)
Ishikawa	2006	0.99 (0.95–1.03)
Ishikawa	2007	0.99 (0.94–1.03)
Ishikawa	2008	1.0 (0.97–1.04)
Ishikawa	2009	0.98 (0.93–1.02)
Ishikawa	2010	0.99 (0.95–1.04)
Ishikawa	2011	1.0 (0.97–1.03)
Ishikawa	2012	1.01 (0.96–1.06)
Ishikawa	2013	0.99 (0.93–1.04)
Ishikawa	2014	0.99 (0.95–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ishikawa	2015	0.97 (0.93–1.02)
Ishikawa	2016	0.97 (0.86–1.09)
Ishikawa	2017	0.96 (0.81–1.13)
Iwate	1950	1.61 (1.32–1.92)
Iwate	1951	1.58 (1.3–1.89)
Iwate	1952	1.41 (1.17–1.67)
Iwate	1953	1.42 (1.18–1.67)
Iwate	1954	1.37 (1.15–1.61)
Iwate	1955	1.26 (1.07–1.48)
Iwate	1956	1.32 (1.12–1.55)
Iwate	1957	1.37 (1.16–1.59)
Iwate	1958	1.3 (1.1–1.51)
Iwate	1959	1.31 (1.11–1.53)
Iwate	1960	1.28 (1.07–1.49)
Iwate	1961	1.27 (1.07–1.49)
Iwate	1962	1.26 (1.05–1.51)
Iwate	1963	1.19 (0.97–1.41)
Iwate	1964	1.14 (0.93–1.36)
Iwate	1965	1.1 (0.89–1.32)
Iwate	1966	1.05 (0.86–1.25)
Iwate	1967	1.15 (0.95–1.37)
Iwate	1968	1.07 (0.89–1.27)
Iwate	1969	1.12 (0.94–1.31)
Iwate	1970	1.13 (0.95–1.32)
Iwate	1971	1.11 (0.95–1.29)
Iwate	1972	1.11 (0.96–1.29)
Iwate	1973	1.15 (1.0–1.32)
Iwate	1974	1.11 (0.98–1.26)
Iwate	1975	1.07 (0.95–1.19)
Iwate	1976	1.05 (0.95–1.16)
Iwate	1977	1.04 (0.96–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Iwate	1978	1.03 (0.97-1.09)
Iwate	1979	1.01 (0.97-1.05)
Iwate	1980	1.0 (0.98-1.03)
Iwate	1981	1.01 (0.99-1.04)
Iwate	1982	1.0 (0.97-1.02)
Iwate	1983	1.0 (0.97-1.02)
Iwate	1984	1.01 (0.98-1.03)
Iwate	1985	0.98 (0.95-1.01)
Iwate	1986	0.99 (0.96-1.02)
Iwate	1987	0.98 (0.95-1.01)
Iwate	1988	0.98 (0.95-1.01)
Iwate	1989	0.97 (0.94-1.0)
Iwate	1990	1.01 (0.97-1.03)
Iwate	1991	0.99 (0.96-1.02)
Iwate	1992	1.02 (0.99-1.05)
Iwate	1993	1.02 (0.99-1.06)
Iwate	1994	1.03 (0.99-1.06)
Iwate	1995	1.03 (0.99-1.06)
Iwate	1996	0.99 (0.96-1.02)
Iwate	1997	0.99 (0.96-1.03)
Iwate	1998	1.03 (1.0-1.07)
Iwate	1999	0.99 (0.96-1.03)
Iwate	2000	0.99 (0.95-1.02)
Iwate	2001	0.97 (0.93-1.01)
Iwate	2002	0.98 (0.94-1.02)
Iwate	2003	0.98 (0.94-1.02)
Iwate	2004	0.98 (0.94-1.02)
Iwate	2005	0.99 (0.95-1.03)
Iwate	2006	0.99 (0.95-1.03)
Iwate	2007	0.99 (0.94-1.03)
Iwate	2008	1.0 (0.97-1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Iwate	2009	0.98 (0.93–1.02)
Iwate	2010	0.99 (0.95–1.04)
Iwate	2011	1.0 (0.97–1.03)
Iwate	2012	1.01 (0.96–1.06)
Iwate	2013	0.99 (0.93–1.04)
Iwate	2014	0.99 (0.95–1.04)
Iwate	2015	0.97 (0.93–1.02)
Iwate	2016	0.97 (0.86–1.09)
Iwate	2017	0.96 (0.81–1.13)
Kagawa	1950	1.61 (1.33–1.93)
Kagawa	1951	1.59 (1.31–1.9)
Kagawa	1952	1.41 (1.17–1.67)
Kagawa	1953	1.42 (1.18–1.67)
Kagawa	1954	1.37 (1.15–1.61)
Kagawa	1955	1.26 (1.07–1.48)
Kagawa	1956	1.33 (1.12–1.56)
Kagawa	1957	1.37 (1.16–1.6)
Kagawa	1958	1.3 (1.1–1.52)
Kagawa	1959	1.31 (1.11–1.53)
Kagawa	1960	1.28 (1.07–1.49)
Kagawa	1961	1.27 (1.07–1.5)
Kagawa	1962	1.27 (1.05–1.51)
Kagawa	1963	1.19 (0.97–1.41)
Kagawa	1964	1.14 (0.93–1.36)
Kagawa	1965	1.1 (0.89–1.32)
Kagawa	1966	1.05 (0.86–1.25)
Kagawa	1967	1.15 (0.95–1.37)
Kagawa	1968	1.07 (0.89–1.27)
Kagawa	1969	1.12 (0.94–1.31)
Kagawa	1970	1.13 (0.95–1.32)
Kagawa	1971	1.11 (0.95–1.3)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kagawa	1972	1.11 (0.96–1.29)
Kagawa	1973	1.15 (1.0–1.32)
Kagawa	1974	1.11 (0.98–1.26)
Kagawa	1975	1.07 (0.95–1.19)
Kagawa	1976	1.05 (0.95–1.16)
Kagawa	1977	1.04 (0.96–1.12)
Kagawa	1978	1.03 (0.97–1.09)
Kagawa	1979	1.01 (0.97–1.05)
Kagawa	1980	1.0 (0.98–1.03)
Kagawa	1981	1.01 (0.99–1.04)
Kagawa	1982	1.0 (0.97–1.02)
Kagawa	1983	1.0 (0.97–1.02)
Kagawa	1984	1.01 (0.98–1.03)
Kagawa	1985	0.98 (0.95–1.01)
Kagawa	1986	0.99 (0.96–1.02)
Kagawa	1987	0.98 (0.95–1.01)
Kagawa	1988	0.98 (0.95–1.01)
Kagawa	1989	0.97 (0.94–1.0)
Kagawa	1990	1.01 (0.97–1.03)
Kagawa	1991	0.99 (0.96–1.02)
Kagawa	1992	1.02 (0.99–1.05)
Kagawa	1993	1.02 (0.99–1.06)
Kagawa	1994	1.03 (0.99–1.06)
Kagawa	1995	1.03 (0.99–1.06)
Kagawa	1996	0.99 (0.96–1.02)
Kagawa	1997	0.99 (0.96–1.03)
Kagawa	1998	1.03 (1.0–1.07)
Kagawa	1999	0.99 (0.96–1.03)
Kagawa	2000	0.99 (0.95–1.02)
Kagawa	2001	0.97 (0.93–1.01)
Kagawa	2002	0.98 (0.94–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kagawa	2003	0.98 (0.94–1.02)
Kagawa	2004	0.98 (0.94–1.02)
Kagawa	2005	0.99 (0.95–1.03)
Kagawa	2006	0.99 (0.95–1.03)
Kagawa	2007	0.99 (0.94–1.03)
Kagawa	2008	1.0 (0.97–1.04)
Kagawa	2009	0.98 (0.93–1.02)
Kagawa	2010	0.99 (0.95–1.04)
Kagawa	2011	1.0 (0.97–1.03)
Kagawa	2012	1.01 (0.96–1.06)
Kagawa	2013	0.99 (0.93–1.04)
Kagawa	2014	0.99 (0.95–1.04)
Kagawa	2015	0.97 (0.93–1.02)
Kagawa	2016	0.97 (0.86–1.09)
Kagawa	2017	0.96 (0.81–1.13)
Kagoshima	1950	1.61 (1.32–1.92)
Kagoshima	1951	1.58 (1.3–1.89)
Kagoshima	1952	1.41 (1.17–1.67)
Kagoshima	1953	1.42 (1.18–1.67)
Kagoshima	1954	1.37 (1.15–1.61)
Kagoshima	1955	1.26 (1.07–1.48)
Kagoshima	1956	1.32 (1.12–1.55)
Kagoshima	1957	1.37 (1.16–1.59)
Kagoshima	1958	1.3 (1.1–1.51)
Kagoshima	1959	1.31 (1.11–1.53)
Kagoshima	1960	1.28 (1.07–1.49)
Kagoshima	1961	1.27 (1.07–1.49)
Kagoshima	1962	1.26 (1.05–1.51)
Kagoshima	1963	1.19 (0.97–1.41)
Kagoshima	1964	1.14 (0.93–1.36)
Kagoshima	1965	1.1 (0.89–1.32)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kagoshima	1966	1.05 (0.86–1.25)
Kagoshima	1967	1.15 (0.95–1.37)
Kagoshima	1968	1.07 (0.89–1.27)
Kagoshima	1969	1.12 (0.94–1.31)
Kagoshima	1970	1.13 (0.95–1.32)
Kagoshima	1971	1.11 (0.95–1.29)
Kagoshima	1972	1.11 (0.96–1.29)
Kagoshima	1973	1.15 (1.0–1.32)
Kagoshima	1974	1.11 (0.98–1.26)
Kagoshima	1975	1.07 (0.95–1.19)
Kagoshima	1976	1.05 (0.95–1.16)
Kagoshima	1977	1.04 (0.96–1.12)
Kagoshima	1978	1.03 (0.97–1.09)
Kagoshima	1979	1.01 (0.97–1.05)
Kagoshima	1980	1.0 (0.98–1.03)
Kagoshima	1981	1.01 (0.99–1.04)
Kagoshima	1982	1.0 (0.97–1.02)
Kagoshima	1983	1.0 (0.97–1.02)
Kagoshima	1984	1.01 (0.98–1.03)
Kagoshima	1985	0.98 (0.95–1.01)
Kagoshima	1986	0.99 (0.96–1.02)
Kagoshima	1987	0.98 (0.95–1.01)
Kagoshima	1988	0.98 (0.95–1.01)
Kagoshima	1989	0.97 (0.94–1.0)
Kagoshima	1990	1.01 (0.97–1.03)
Kagoshima	1991	0.99 (0.96–1.02)
Kagoshima	1992	1.02 (0.99–1.05)
Kagoshima	1993	1.02 (0.99–1.06)
Kagoshima	1994	1.03 (0.99–1.06)
Kagoshima	1995	1.03 (0.99–1.06)
Kagoshima	1996	0.99 (0.96–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kagoshima	1997	0.99 (0.96–1.03)
Kagoshima	1998	1.03 (1.0–1.07)
Kagoshima	1999	0.99 (0.96–1.03)
Kagoshima	2000	0.99 (0.95–1.02)
Kagoshima	2001	0.97 (0.93–1.01)
Kagoshima	2002	0.98 (0.94–1.02)
Kagoshima	2003	0.98 (0.94–1.02)
Kagoshima	2004	0.98 (0.94–1.02)
Kagoshima	2005	0.99 (0.95–1.03)
Kagoshima	2006	0.99 (0.95–1.03)
Kagoshima	2007	0.99 (0.94–1.03)
Kagoshima	2008	1.0 (0.97–1.04)
Kagoshima	2009	0.98 (0.93–1.02)
Kagoshima	2010	0.99 (0.95–1.04)
Kagoshima	2011	1.0 (0.97–1.03)
Kagoshima	2012	1.01 (0.96–1.06)
Kagoshima	2013	0.99 (0.93–1.04)
Kagoshima	2014	0.99 (0.95–1.04)
Kagoshima	2015	0.97 (0.93–1.02)
Kagoshima	2016	0.97 (0.86–1.09)
Kagoshima	2017	0.96 (0.81–1.13)
Kanagawa	1950	1.62 (1.33–1.94)
Kanagawa	1951	1.59 (1.31–1.9)
Kanagawa	1952	1.41 (1.17–1.67)
Kanagawa	1953	1.43 (1.18–1.68)
Kanagawa	1954	1.37 (1.15–1.61)
Kanagawa	1955	1.27 (1.07–1.49)
Kanagawa	1956	1.33 (1.12–1.56)
Kanagawa	1957	1.37 (1.16–1.6)
Kanagawa	1958	1.3 (1.1–1.52)
Kanagawa	1959	1.31 (1.11–1.53)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kanagawa	1960	1.28 (1.07–1.5)
Kanagawa	1961	1.27 (1.07–1.5)
Kanagawa	1962	1.27 (1.05–1.51)
Kanagawa	1963	1.19 (0.97–1.41)
Kanagawa	1964	1.14 (0.93–1.36)
Kanagawa	1965	1.1 (0.89–1.32)
Kanagawa	1966	1.05 (0.86–1.25)
Kanagawa	1967	1.15 (0.95–1.37)
Kanagawa	1968	1.07 (0.89–1.27)
Kanagawa	1969	1.12 (0.94–1.31)
Kanagawa	1970	1.13 (0.95–1.32)
Kanagawa	1971	1.11 (0.95–1.3)
Kanagawa	1972	1.11 (0.95–1.29)
Kanagawa	1973	1.15 (1.0–1.32)
Kanagawa	1974	1.11 (0.98–1.26)
Kanagawa	1975	1.07 (0.95–1.19)
Kanagawa	1976	1.05 (0.95–1.16)
Kanagawa	1977	1.04 (0.96–1.12)
Kanagawa	1978	1.03 (0.97–1.09)
Kanagawa	1979	1.01 (0.97–1.05)
Kanagawa	1980	1.0 (0.98–1.03)
Kanagawa	1981	1.01 (0.99–1.04)
Kanagawa	1982	1.0 (0.97–1.02)
Kanagawa	1983	1.0 (0.97–1.02)
Kanagawa	1984	1.01 (0.98–1.03)
Kanagawa	1985	0.98 (0.95–1.01)
Kanagawa	1986	0.99 (0.96–1.02)
Kanagawa	1987	0.98 (0.95–1.01)
Kanagawa	1988	0.98 (0.95–1.01)
Kanagawa	1989	0.97 (0.94–1.0)
Kanagawa	1990	1.01 (0.97–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kanagawa	1991	0.99 (0.96–1.02)
Kanagawa	1992	1.02 (0.99–1.05)
Kanagawa	1993	1.02 (0.99–1.06)
Kanagawa	1994	1.03 (0.99–1.06)
Kanagawa	1995	1.03 (0.99–1.06)
Kanagawa	1996	0.99 (0.96–1.02)
Kanagawa	1997	0.99 (0.96–1.03)
Kanagawa	1998	1.03 (1.0–1.07)
Kanagawa	1999	0.99 (0.96–1.03)
Kanagawa	2000	0.99 (0.95–1.02)
Kanagawa	2001	0.97 (0.93–1.01)
Kanagawa	2002	0.98 (0.94–1.02)
Kanagawa	2003	0.98 (0.94–1.02)
Kanagawa	2004	0.98 (0.94–1.02)
Kanagawa	2005	0.99 (0.95–1.03)
Kanagawa	2006	0.99 (0.95–1.03)
Kanagawa	2007	0.99 (0.94–1.03)
Kanagawa	2008	1.0 (0.97–1.04)
Kanagawa	2009	0.98 (0.93–1.02)
Kanagawa	2010	0.99 (0.95–1.04)
Kanagawa	2011	1.0 (0.97–1.03)
Kanagawa	2012	1.01 (0.96–1.06)
Kanagawa	2013	0.99 (0.93–1.04)
Kanagawa	2014	0.99 (0.95–1.04)
Kanagawa	2015	0.97 (0.93–1.02)
Kanagawa	2016	0.97 (0.86–1.09)
Kanagawa	2017	0.96 (0.81–1.13)
Kōchi	1950	1.61 (1.33–1.92)
Kōchi	1951	1.59 (1.31–1.89)
Kōchi	1952	1.41 (1.17–1.67)
Kōchi	1953	1.42 (1.18–1.67)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kōchi	1954	1.37 (1.15–1.61)
Kōchi	1955	1.26 (1.07–1.48)
Kōchi	1956	1.33 (1.12–1.55)
Kōchi	1957	1.37 (1.16–1.59)
Kōchi	1958	1.3 (1.1–1.51)
Kōchi	1959	1.31 (1.11–1.53)
Kōchi	1960	1.28 (1.07–1.49)
Kōchi	1961	1.27 (1.07–1.49)
Kōchi	1962	1.27 (1.05–1.51)
Kōchi	1963	1.19 (0.97–1.41)
Kōchi	1964	1.14 (0.93–1.36)
Kōchi	1965	1.1 (0.89–1.32)
Kōchi	1966	1.05 (0.86–1.25)
Kōchi	1967	1.15 (0.95–1.37)
Kōchi	1968	1.07 (0.89–1.27)
Kōchi	1969	1.12 (0.94–1.31)
Kōchi	1970	1.13 (0.95–1.32)
Kōchi	1971	1.11 (0.95–1.3)
Kōchi	1972	1.11 (0.96–1.29)
Kōchi	1973	1.15 (1.0–1.32)
Kōchi	1974	1.11 (0.98–1.26)
Kōchi	1975	1.07 (0.95–1.19)
Kōchi	1976	1.05 (0.95–1.16)
Kōchi	1977	1.04 (0.96–1.12)
Kōchi	1978	1.03 (0.97–1.09)
Kōchi	1979	1.01 (0.97–1.05)
Kōchi	1980	1.0 (0.98–1.03)
Kōchi	1981	1.01 (0.99–1.04)
Kōchi	1982	1.0 (0.97–1.02)
Kōchi	1983	1.0 (0.97–1.02)
Kōchi	1984	1.01 (0.98–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kōchi	1985	0.98 (0.95–1.01)
Kōchi	1986	0.99 (0.96–1.02)
Kōchi	1987	0.98 (0.95–1.01)
Kōchi	1988	0.98 (0.95–1.01)
Kōchi	1989	0.97 (0.94–1.0)
Kōchi	1990	1.01 (0.97–1.03)
Kōchi	1991	0.99 (0.96–1.02)
Kōchi	1992	1.02 (0.99–1.05)
Kōchi	1993	1.02 (0.99–1.06)
Kōchi	1994	1.03 (0.99–1.06)
Kōchi	1995	1.03 (0.99–1.06)
Kōchi	1996	0.99 (0.96–1.02)
Kōchi	1997	0.99 (0.96–1.03)
Kōchi	1998	1.03 (1.0–1.07)
Kōchi	1999	0.99 (0.96–1.03)
Kōchi	2000	0.99 (0.95–1.02)
Kōchi	2001	0.97 (0.93–1.01)
Kōchi	2002	0.98 (0.94–1.02)
Kōchi	2003	0.98 (0.94–1.02)
Kōchi	2004	0.98 (0.94–1.02)
Kōchi	2005	0.99 (0.95–1.03)
Kōchi	2006	0.99 (0.95–1.03)
Kōchi	2007	0.99 (0.94–1.03)
Kōchi	2008	1.0 (0.97–1.04)
Kōchi	2009	0.98 (0.93–1.02)
Kōchi	2010	0.99 (0.95–1.04)
Kōchi	2011	1.0 (0.97–1.03)
Kōchi	2012	1.01 (0.96–1.06)
Kōchi	2013	0.99 (0.93–1.04)
Kōchi	2014	0.99 (0.95–1.04)
Kōchi	2015	0.97 (0.93–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kōchi	2016	0.97 (0.86–1.09)
Kōchi	2017	0.96 (0.81–1.13)
Kumamoto	1950	1.61 (1.33–1.92)
Kumamoto	1951	1.59 (1.31–1.89)
Kumamoto	1952	1.41 (1.17–1.67)
Kumamoto	1953	1.42 (1.18–1.67)
Kumamoto	1954	1.37 (1.15–1.61)
Kumamoto	1955	1.26 (1.07–1.48)
Kumamoto	1956	1.33 (1.12–1.55)
Kumamoto	1957	1.37 (1.16–1.59)
Kumamoto	1958	1.3 (1.1–1.51)
Kumamoto	1959	1.31 (1.11–1.53)
Kumamoto	1960	1.28 (1.07–1.49)
Kumamoto	1961	1.27 (1.07–1.49)
Kumamoto	1962	1.27 (1.05–1.51)
Kumamoto	1963	1.19 (0.97–1.41)
Kumamoto	1964	1.14 (0.93–1.36)
Kumamoto	1965	1.1 (0.89–1.32)
Kumamoto	1966	1.05 (0.86–1.25)
Kumamoto	1967	1.15 (0.95–1.37)
Kumamoto	1968	1.07 (0.89–1.27)
Kumamoto	1969	1.12 (0.94–1.31)
Kumamoto	1970	1.13 (0.95–1.32)
Kumamoto	1971	1.11 (0.95–1.29)
Kumamoto	1972	1.11 (0.96–1.29)
Kumamoto	1973	1.15 (1.0–1.32)
Kumamoto	1974	1.11 (0.98–1.26)
Kumamoto	1975	1.07 (0.95–1.19)
Kumamoto	1976	1.05 (0.95–1.16)
Kumamoto	1977	1.04 (0.96–1.12)
Kumamoto	1978	1.03 (0.97–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kumamoto	1979	1.01 (0.97–1.05)
Kumamoto	1980	1.0 (0.98–1.03)
Kumamoto	1981	1.01 (0.99–1.04)
Kumamoto	1982	1.0 (0.97–1.02)
Kumamoto	1983	1.0 (0.97–1.02)
Kumamoto	1984	1.01 (0.98–1.03)
Kumamoto	1985	0.98 (0.95–1.01)
Kumamoto	1986	0.99 (0.96–1.02)
Kumamoto	1987	0.98 (0.95–1.01)
Kumamoto	1988	0.98 (0.95–1.01)
Kumamoto	1989	0.97 (0.94–1.0)
Kumamoto	1990	1.01 (0.97–1.03)
Kumamoto	1991	0.99 (0.96–1.02)
Kumamoto	1992	1.02 (0.99–1.05)
Kumamoto	1993	1.02 (0.99–1.06)
Kumamoto	1994	1.03 (0.99–1.06)
Kumamoto	1995	1.03 (0.99–1.06)
Kumamoto	1996	0.99 (0.96–1.02)
Kumamoto	1997	0.99 (0.96–1.03)
Kumamoto	1998	1.03 (1.0–1.07)
Kumamoto	1999	0.99 (0.96–1.03)
Kumamoto	2000	0.99 (0.95–1.02)
Kumamoto	2001	0.97 (0.93–1.01)
Kumamoto	2002	0.98 (0.94–1.02)
Kumamoto	2003	0.98 (0.94–1.02)
Kumamoto	2004	0.98 (0.94–1.02)
Kumamoto	2005	0.99 (0.95–1.03)
Kumamoto	2006	0.99 (0.95–1.03)
Kumamoto	2007	0.99 (0.94–1.03)
Kumamoto	2008	1.0 (0.97–1.04)
Kumamoto	2009	0.98 (0.93–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kumamoto	2010	0.99 (0.95–1.04)
Kumamoto	2011	1.0 (0.97–1.03)
Kumamoto	2012	1.01 (0.96–1.06)
Kumamoto	2013	0.99 (0.93–1.04)
Kumamoto	2014	0.99 (0.95–1.04)
Kumamoto	2015	0.97 (0.93–1.02)
Kumamoto	2016	0.97 (0.86–1.09)
Kumamoto	2017	0.96 (0.81–1.13)
Kyōto	1950	1.62 (1.33–1.93)
Kyōto	1951	1.59 (1.31–1.9)
Kyōto	1952	1.41 (1.17–1.67)
Kyōto	1953	1.42 (1.18–1.68)
Kyōto	1954	1.37 (1.15–1.61)
Kyōto	1955	1.27 (1.07–1.48)
Kyōto	1956	1.33 (1.12–1.56)
Kyōto	1957	1.37 (1.16–1.6)
Kyōto	1958	1.3 (1.1–1.52)
Kyōto	1959	1.31 (1.11–1.53)
Kyōto	1960	1.28 (1.07–1.49)
Kyōto	1961	1.27 (1.07–1.5)
Kyōto	1962	1.27 (1.05–1.51)
Kyōto	1963	1.19 (0.97–1.41)
Kyōto	1964	1.14 (0.93–1.36)
Kyōto	1965	1.1 (0.89–1.32)
Kyōto	1966	1.05 (0.86–1.25)
Kyōto	1967	1.15 (0.95–1.37)
Kyōto	1968	1.07 (0.89–1.27)
Kyōto	1969	1.12 (0.94–1.31)
Kyōto	1970	1.13 (0.95–1.32)
Kyōto	1971	1.11 (0.95–1.3)
Kyōto	1972	1.11 (0.95–1.29)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kyōto	1973	1.15 (1.0–1.32)
Kyōto	1974	1.11 (0.98–1.26)
Kyōto	1975	1.07 (0.95–1.19)
Kyōto	1976	1.05 (0.95–1.16)
Kyōto	1977	1.04 (0.96–1.12)
Kyōto	1978	1.03 (0.97–1.09)
Kyōto	1979	1.01 (0.97–1.05)
Kyōto	1980	1.0 (0.98–1.03)
Kyōto	1981	1.01 (0.99–1.04)
Kyōto	1982	1.0 (0.97–1.02)
Kyōto	1983	1.0 (0.97–1.02)
Kyōto	1984	1.01 (0.98–1.03)
Kyōto	1985	0.98 (0.95–1.01)
Kyōto	1986	0.99 (0.96–1.02)
Kyōto	1987	0.98 (0.95–1.01)
Kyōto	1988	0.98 (0.95–1.01)
Kyōto	1989	0.97 (0.94–1.0)
Kyōto	1990	1.01 (0.97–1.03)
Kyōto	1991	0.99 (0.96–1.02)
Kyōto	1992	1.02 (0.99–1.05)
Kyōto	1993	1.02 (0.99–1.06)
Kyōto	1994	1.03 (0.99–1.06)
Kyōto	1995	1.03 (0.99–1.06)
Kyōto	1996	0.99 (0.96–1.02)
Kyōto	1997	0.99 (0.96–1.03)
Kyōto	1998	1.03 (1.0–1.07)
Kyōto	1999	0.99 (0.96–1.03)
Kyōto	2000	0.99 (0.95–1.02)
Kyōto	2001	0.97 (0.93–1.01)
Kyōto	2002	0.98 (0.94–1.02)
Kyōto	2003	0.98 (0.94–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kyōto	2004	0.98 (0.94–1.02)
Kyōto	2005	0.99 (0.95–1.03)
Kyōto	2006	0.99 (0.95–1.03)
Kyōto	2007	0.99 (0.94–1.03)
Kyōto	2008	1.0 (0.97–1.04)
Kyōto	2009	0.98 (0.93–1.02)
Kyōto	2010	0.99 (0.95–1.04)
Kyōto	2011	1.0 (0.97–1.03)
Kyōto	2012	1.01 (0.96–1.06)
Kyōto	2013	0.99 (0.93–1.04)
Kyōto	2014	0.99 (0.95–1.04)
Kyōto	2015	0.97 (0.93–1.02)
Kyōto	2016	0.97 (0.86–1.09)
Kyōto	2017	0.96 (0.81–1.13)
Mie	1950	1.61 (1.33–1.93)
Mie	1951	1.59 (1.31–1.9)
Mie	1952	1.41 (1.17–1.67)
Mie	1953	1.42 (1.18–1.67)
Mie	1954	1.37 (1.15–1.61)
Mie	1955	1.26 (1.07–1.48)
Mie	1956	1.33 (1.12–1.55)
Mie	1957	1.37 (1.16–1.59)
Mie	1958	1.3 (1.1–1.51)
Mie	1959	1.31 (1.11–1.53)
Mie	1960	1.28 (1.07–1.49)
Mie	1961	1.27 (1.07–1.49)
Mie	1962	1.27 (1.05–1.51)
Mie	1963	1.19 (0.97–1.41)
Mie	1964	1.14 (0.93–1.36)
Mie	1965	1.1 (0.89–1.32)
Mie	1966	1.05 (0.86–1.25)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mie	1967	1.15 (0.95–1.37)
Mie	1968	1.07 (0.89–1.27)
Mie	1969	1.12 (0.94–1.31)
Mie	1970	1.13 (0.95–1.32)
Mie	1971	1.11 (0.95–1.3)
Mie	1972	1.11 (0.96–1.29)
Mie	1973	1.15 (1.0–1.32)
Mie	1974	1.11 (0.98–1.26)
Mie	1975	1.07 (0.95–1.19)
Mie	1976	1.05 (0.95–1.16)
Mie	1977	1.04 (0.96–1.12)
Mie	1978	1.03 (0.97–1.09)
Mie	1979	1.01 (0.97–1.05)
Mie	1980	1.0 (0.98–1.03)
Mie	1981	1.01 (0.99–1.04)
Mie	1982	1.0 (0.97–1.02)
Mie	1983	1.0 (0.97–1.02)
Mie	1984	1.01 (0.98–1.03)
Mie	1985	0.98 (0.95–1.01)
Mie	1986	0.99 (0.96–1.02)
Mie	1987	0.98 (0.95–1.01)
Mie	1988	0.98 (0.95–1.01)
Mie	1989	0.97 (0.94–1.0)
Mie	1990	1.01 (0.97–1.03)
Mie	1991	0.99 (0.96–1.02)
Mie	1992	1.02 (0.99–1.05)
Mie	1993	1.02 (0.99–1.06)
Mie	1994	1.03 (0.99–1.06)
Mie	1995	1.03 (0.99–1.06)
Mie	1996	0.99 (0.96–1.02)
Mie	1997	0.99 (0.96–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mie	1998	1.03 (1.0–1.07)
Mie	1999	0.99 (0.96–1.03)
Mie	2000	0.99 (0.95–1.02)
Mie	2001	0.97 (0.93–1.01)
Mie	2002	0.98 (0.94–1.02)
Mie	2003	0.98 (0.94–1.02)
Mie	2004	0.98 (0.94–1.02)
Mie	2005	0.99 (0.95–1.03)
Mie	2006	0.99 (0.95–1.03)
Mie	2007	0.99 (0.94–1.03)
Mie	2008	1.0 (0.97–1.04)
Mie	2009	0.98 (0.93–1.02)
Mie	2010	0.99 (0.95–1.04)
Mie	2011	1.0 (0.97–1.03)
Mie	2012	1.01 (0.96–1.06)
Mie	2013	0.99 (0.93–1.04)
Mie	2014	0.99 (0.95–1.04)
Mie	2015	0.97 (0.93–1.02)
Mie	2016	0.97 (0.86–1.09)
Mie	2017	0.96 (0.81–1.13)
Miyagi	1950	1.61 (1.33–1.93)
Miyagi	1951	1.59 (1.31–1.9)
Miyagi	1952	1.41 (1.17–1.67)
Miyagi	1953	1.42 (1.18–1.67)
Miyagi	1954	1.37 (1.15–1.61)
Miyagi	1955	1.26 (1.07–1.48)
Miyagi	1956	1.33 (1.12–1.55)
Miyagi	1957	1.37 (1.16–1.59)
Miyagi	1958	1.3 (1.1–1.51)
Miyagi	1959	1.31 (1.11–1.53)
Miyagi	1960	1.28 (1.07–1.49)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Miyagi	1961	1.27 (1.07–1.5)
Miyagi	1962	1.27 (1.05–1.51)
Miyagi	1963	1.19 (0.97–1.41)
Miyagi	1964	1.14 (0.93–1.36)
Miyagi	1965	1.1 (0.89–1.32)
Miyagi	1966	1.05 (0.86–1.25)
Miyagi	1967	1.15 (0.95–1.37)
Miyagi	1968	1.07 (0.89–1.27)
Miyagi	1969	1.12 (0.94–1.31)
Miyagi	1970	1.13 (0.95–1.32)
Miyagi	1971	1.11 (0.95–1.3)
Miyagi	1972	1.11 (0.96–1.29)
Miyagi	1973	1.15 (1.0–1.32)
Miyagi	1974	1.11 (0.98–1.26)
Miyagi	1975	1.07 (0.95–1.19)
Miyagi	1976	1.05 (0.95–1.16)
Miyagi	1977	1.04 (0.96–1.12)
Miyagi	1978	1.03 (0.97–1.09)
Miyagi	1979	1.01 (0.97–1.05)
Miyagi	1980	1.0 (0.98–1.03)
Miyagi	1981	1.01 (0.99–1.04)
Miyagi	1982	1.0 (0.97–1.02)
Miyagi	1983	1.0 (0.97–1.02)
Miyagi	1984	1.01 (0.98–1.03)
Miyagi	1985	0.98 (0.95–1.01)
Miyagi	1986	0.99 (0.96–1.02)
Miyagi	1987	0.98 (0.95–1.01)
Miyagi	1988	0.98 (0.95–1.01)
Miyagi	1989	0.97 (0.94–1.0)
Miyagi	1990	1.01 (0.97–1.03)
Miyagi	1991	0.99 (0.96–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Miyagi	1992	1.02 (0.99–1.05)
Miyagi	1993	1.02 (0.99–1.06)
Miyagi	1994	1.03 (0.99–1.06)
Miyagi	1995	1.03 (0.99–1.06)
Miyagi	1996	0.99 (0.96–1.02)
Miyagi	1997	0.99 (0.96–1.03)
Miyagi	1998	1.03 (1.0–1.07)
Miyagi	1999	0.99 (0.96–1.03)
Miyagi	2000	0.99 (0.95–1.02)
Miyagi	2001	0.97 (0.93–1.01)
Miyagi	2002	0.98 (0.94–1.02)
Miyagi	2003	0.98 (0.94–1.02)
Miyagi	2004	0.98 (0.94–1.02)
Miyagi	2005	0.99 (0.95–1.03)
Miyagi	2006	0.99 (0.95–1.03)
Miyagi	2007	0.99 (0.94–1.03)
Miyagi	2008	1.0 (0.97–1.04)
Miyagi	2009	0.98 (0.93–1.02)
Miyagi	2010	0.99 (0.95–1.04)
Miyagi	2011	1.0 (0.97–1.03)
Miyagi	2012	1.01 (0.96–1.06)
Miyagi	2013	0.99 (0.93–1.04)
Miyagi	2014	0.99 (0.95–1.04)
Miyagi	2015	0.97 (0.93–1.02)
Miyagi	2016	0.97 (0.86–1.09)
Miyagi	2017	0.96 (0.81–1.13)
Miyazaki	1950	1.61 (1.33–1.92)
Miyazaki	1951	1.59 (1.31–1.89)
Miyazaki	1952	1.41 (1.17–1.67)
Miyazaki	1953	1.42 (1.18–1.67)
Miyazaki	1954	1.37 (1.15–1.61)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Miyazaki	1955	1.26 (1.07–1.48)
Miyazaki	1956	1.33 (1.12–1.55)
Miyazaki	1957	1.37 (1.16–1.59)
Miyazaki	1958	1.3 (1.1–1.51)
Miyazaki	1959	1.31 (1.11–1.53)
Miyazaki	1960	1.28 (1.07–1.49)
Miyazaki	1961	1.27 (1.07–1.49)
Miyazaki	1962	1.27 (1.05–1.51)
Miyazaki	1963	1.19 (0.97–1.41)
Miyazaki	1964	1.14 (0.93–1.36)
Miyazaki	1965	1.1 (0.89–1.32)
Miyazaki	1966	1.05 (0.86–1.25)
Miyazaki	1967	1.15 (0.95–1.37)
Miyazaki	1968	1.07 (0.89–1.27)
Miyazaki	1969	1.12 (0.94–1.31)
Miyazaki	1970	1.13 (0.95–1.32)
Miyazaki	1971	1.11 (0.95–1.3)
Miyazaki	1972	1.11 (0.96–1.29)
Miyazaki	1973	1.15 (1.0–1.32)
Miyazaki	1974	1.11 (0.98–1.26)
Miyazaki	1975	1.07 (0.95–1.19)
Miyazaki	1976	1.05 (0.95–1.16)
Miyazaki	1977	1.04 (0.96–1.12)
Miyazaki	1978	1.03 (0.97–1.09)
Miyazaki	1979	1.01 (0.97–1.05)
Miyazaki	1980	1.0 (0.98–1.03)
Miyazaki	1981	1.01 (0.99–1.04)
Miyazaki	1982	1.0 (0.97–1.02)
Miyazaki	1983	1.0 (0.97–1.02)
Miyazaki	1984	1.01 (0.98–1.03)
Miyazaki	1985	0.98 (0.95–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Miyazaki	1986	0.99 (0.96–1.02)
Miyazaki	1987	0.98 (0.95–1.01)
Miyazaki	1988	0.98 (0.95–1.01)
Miyazaki	1989	0.97 (0.94–1.0)
Miyazaki	1990	1.01 (0.97–1.03)
Miyazaki	1991	0.99 (0.96–1.02)
Miyazaki	1992	1.02 (0.99–1.05)
Miyazaki	1993	1.02 (0.99–1.06)
Miyazaki	1994	1.03 (0.99–1.06)
Miyazaki	1995	1.03 (0.99–1.06)
Miyazaki	1996	0.99 (0.96–1.02)
Miyazaki	1997	0.99 (0.96–1.03)
Miyazaki	1998	1.03 (1.0–1.07)
Miyazaki	1999	0.99 (0.96–1.03)
Miyazaki	2000	0.99 (0.95–1.02)
Miyazaki	2001	0.97 (0.93–1.01)
Miyazaki	2002	0.98 (0.94–1.02)
Miyazaki	2003	0.98 (0.94–1.02)
Miyazaki	2004	0.98 (0.94–1.02)
Miyazaki	2005	0.99 (0.95–1.03)
Miyazaki	2006	0.99 (0.95–1.03)
Miyazaki	2007	0.99 (0.94–1.03)
Miyazaki	2008	1.0 (0.97–1.04)
Miyazaki	2009	0.98 (0.93–1.02)
Miyazaki	2010	0.99 (0.95–1.04)
Miyazaki	2011	1.0 (0.97–1.03)
Miyazaki	2012	1.01 (0.96–1.06)
Miyazaki	2013	0.99 (0.93–1.04)
Miyazaki	2014	0.99 (0.95–1.04)
Miyazaki	2015	0.97 (0.93–1.02)
Miyazaki	2016	0.97 (0.86–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Miyazaki	2017	0.96 (0.81–1.13)
Nagano	1950	1.61 (1.33–1.93)
Nagano	1951	1.59 (1.31–1.9)
Nagano	1952	1.41 (1.17–1.67)
Nagano	1953	1.42 (1.18–1.67)
Nagano	1954	1.37 (1.15–1.61)
Nagano	1955	1.26 (1.07–1.48)
Nagano	1956	1.33 (1.12–1.56)
Nagano	1957	1.37 (1.16–1.6)
Nagano	1958	1.3 (1.1–1.52)
Nagano	1959	1.31 (1.11–1.53)
Nagano	1960	1.28 (1.07–1.49)
Nagano	1961	1.27 (1.07–1.5)
Nagano	1962	1.27 (1.05–1.51)
Nagano	1963	1.19 (0.97–1.41)
Nagano	1964	1.14 (0.93–1.36)
Nagano	1965	1.1 (0.89–1.32)
Nagano	1966	1.05 (0.86–1.25)
Nagano	1967	1.15 (0.95–1.37)
Nagano	1968	1.07 (0.89–1.27)
Nagano	1969	1.12 (0.94–1.31)
Nagano	1970	1.13 (0.95–1.32)
Nagano	1971	1.11 (0.95–1.3)
Nagano	1972	1.11 (0.95–1.29)
Nagano	1973	1.15 (1.0–1.32)
Nagano	1974	1.11 (0.98–1.26)
Nagano	1975	1.07 (0.95–1.19)
Nagano	1976	1.05 (0.95–1.16)
Nagano	1977	1.04 (0.96–1.12)
Nagano	1978	1.03 (0.97–1.09)
Nagano	1979	1.01 (0.97–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nagano	1980	1.0 (0.98–1.03)
Nagano	1981	1.01 (0.99–1.04)
Nagano	1982	1.0 (0.97–1.02)
Nagano	1983	1.0 (0.97–1.02)
Nagano	1984	1.01 (0.98–1.03)
Nagano	1985	0.98 (0.95–1.01)
Nagano	1986	0.99 (0.96–1.02)
Nagano	1987	0.98 (0.95–1.01)
Nagano	1988	0.98 (0.95–1.01)
Nagano	1989	0.97 (0.94–1.0)
Nagano	1990	1.01 (0.97–1.03)
Nagano	1991	0.99 (0.96–1.02)
Nagano	1992	1.02 (0.99–1.05)
Nagano	1993	1.02 (0.99–1.06)
Nagano	1994	1.03 (0.99–1.06)
Nagano	1995	1.03 (0.99–1.06)
Nagano	1996	0.99 (0.96–1.02)
Nagano	1997	0.99 (0.96–1.03)
Nagano	1998	1.03 (1.0–1.07)
Nagano	1999	0.99 (0.96–1.03)
Nagano	2000	0.99 (0.95–1.02)
Nagano	2001	0.97 (0.93–1.01)
Nagano	2002	0.98 (0.94–1.02)
Nagano	2003	0.98 (0.94–1.02)
Nagano	2004	0.98 (0.94–1.02)
Nagano	2005	0.99 (0.95–1.03)
Nagano	2006	0.99 (0.95–1.03)
Nagano	2007	0.99 (0.94–1.03)
Nagano	2008	1.0 (0.97–1.04)
Nagano	2009	0.98 (0.93–1.02)
Nagano	2010	0.99 (0.95–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nagano	2011	1.0 (0.97–1.03)
Nagano	2012	1.01 (0.96–1.06)
Nagano	2013	0.99 (0.93–1.04)
Nagano	2014	0.99 (0.95–1.04)
Nagano	2015	0.97 (0.93–1.02)
Nagano	2016	0.97 (0.86–1.09)
Nagano	2017	0.96 (0.81–1.13)
Nagasaki	1950	1.61 (1.33–1.93)
Nagasaki	1951	1.59 (1.31–1.9)
Nagasaki	1952	1.41 (1.17–1.67)
Nagasaki	1953	1.42 (1.18–1.67)
Nagasaki	1954	1.37 (1.15–1.61)
Nagasaki	1955	1.26 (1.07–1.48)
Nagasaki	1956	1.33 (1.12–1.56)
Nagasaki	1957	1.37 (1.16–1.6)
Nagasaki	1958	1.3 (1.1–1.52)
Nagasaki	1959	1.31 (1.11–1.53)
Nagasaki	1960	1.28 (1.07–1.49)
Nagasaki	1961	1.27 (1.07–1.5)
Nagasaki	1962	1.27 (1.05–1.51)
Nagasaki	1963	1.19 (0.97–1.41)
Nagasaki	1964	1.14 (0.93–1.36)
Nagasaki	1965	1.1 (0.89–1.32)
Nagasaki	1966	1.05 (0.86–1.25)
Nagasaki	1967	1.15 (0.95–1.37)
Nagasaki	1968	1.07 (0.89–1.27)
Nagasaki	1969	1.12 (0.94–1.31)
Nagasaki	1970	1.13 (0.95–1.32)
Nagasaki	1971	1.11 (0.95–1.3)
Nagasaki	1972	1.11 (0.96–1.29)
Nagasaki	1973	1.15 (1.0–1.32)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nagasaki	1974	1.11 (0.98–1.26)
Nagasaki	1975	1.07 (0.95–1.19)
Nagasaki	1976	1.05 (0.95–1.16)
Nagasaki	1977	1.04 (0.96–1.12)
Nagasaki	1978	1.03 (0.97–1.09)
Nagasaki	1979	1.01 (0.97–1.05)
Nagasaki	1980	1.0 (0.98–1.03)
Nagasaki	1981	1.01 (0.99–1.04)
Nagasaki	1982	1.0 (0.97–1.02)
Nagasaki	1983	1.0 (0.97–1.02)
Nagasaki	1984	1.01 (0.98–1.03)
Nagasaki	1985	0.98 (0.95–1.01)
Nagasaki	1986	0.99 (0.96–1.02)
Nagasaki	1987	0.98 (0.95–1.01)
Nagasaki	1988	0.98 (0.95–1.01)
Nagasaki	1989	0.97 (0.94–1.0)
Nagasaki	1990	1.01 (0.97–1.03)
Nagasaki	1991	0.99 (0.96–1.02)
Nagasaki	1992	1.02 (0.99–1.05)
Nagasaki	1993	1.02 (0.99–1.06)
Nagasaki	1994	1.03 (0.99–1.06)
Nagasaki	1995	1.03 (0.99–1.06)
Nagasaki	1996	0.99 (0.96–1.02)
Nagasaki	1997	0.99 (0.96–1.03)
Nagasaki	1998	1.03 (1.0–1.07)
Nagasaki	1999	0.99 (0.96–1.03)
Nagasaki	2000	0.99 (0.95–1.02)
Nagasaki	2001	0.97 (0.93–1.01)
Nagasaki	2002	0.98 (0.94–1.02)
Nagasaki	2003	0.98 (0.94–1.02)
Nagasaki	2004	0.98 (0.94–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nagasaki	2005	0.99 (0.95–1.03)
Nagasaki	2006	0.99 (0.95–1.03)
Nagasaki	2007	0.99 (0.94–1.03)
Nagasaki	2008	1.0 (0.97–1.04)
Nagasaki	2009	0.98 (0.93–1.02)
Nagasaki	2010	0.99 (0.95–1.04)
Nagasaki	2011	1.0 (0.97–1.03)
Nagasaki	2012	1.01 (0.96–1.06)
Nagasaki	2013	0.99 (0.93–1.04)
Nagasaki	2014	0.99 (0.95–1.04)
Nagasaki	2015	0.97 (0.93–1.02)
Nagasaki	2016	0.97 (0.86–1.09)
Nagasaki	2017	0.96 (0.81–1.13)
Nara	1950	1.61 (1.33–1.93)
Nara	1951	1.59 (1.31–1.9)
Nara	1952	1.41 (1.17–1.67)
Nara	1953	1.42 (1.18–1.67)
Nara	1954	1.37 (1.15–1.61)
Nara	1955	1.26 (1.07–1.48)
Nara	1956	1.33 (1.12–1.55)
Nara	1957	1.37 (1.16–1.59)
Nara	1958	1.3 (1.1–1.51)
Nara	1959	1.31 (1.11–1.53)
Nara	1960	1.28 (1.07–1.49)
Nara	1961	1.27 (1.07–1.5)
Nara	1962	1.27 (1.05–1.51)
Nara	1963	1.19 (0.97–1.41)
Nara	1964	1.14 (0.93–1.36)
Nara	1965	1.1 (0.89–1.32)
Nara	1966	1.05 (0.86–1.25)
Nara	1967	1.15 (0.95–1.37)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nara	1968	1.07 (0.89–1.27)
Nara	1969	1.12 (0.94–1.31)
Nara	1970	1.13 (0.95–1.32)
Nara	1971	1.11 (0.95–1.3)
Nara	1972	1.11 (0.96–1.29)
Nara	1973	1.15 (1.0–1.32)
Nara	1974	1.11 (0.98–1.26)
Nara	1975	1.07 (0.95–1.19)
Nara	1976	1.05 (0.95–1.16)
Nara	1977	1.04 (0.96–1.12)
Nara	1978	1.03 (0.97–1.09)
Nara	1979	1.01 (0.97–1.05)
Nara	1980	1.0 (0.98–1.03)
Nara	1981	1.01 (0.99–1.04)
Nara	1982	1.0 (0.97–1.02)
Nara	1983	1.0 (0.97–1.02)
Nara	1984	1.01 (0.98–1.03)
Nara	1985	0.98 (0.95–1.01)
Nara	1986	0.99 (0.96–1.02)
Nara	1987	0.98 (0.95–1.01)
Nara	1988	0.98 (0.95–1.01)
Nara	1989	0.97 (0.94–1.0)
Nara	1990	1.01 (0.97–1.03)
Nara	1991	0.99 (0.96–1.02)
Nara	1992	1.02 (0.99–1.05)
Nara	1993	1.02 (0.99–1.06)
Nara	1994	1.03 (0.99–1.06)
Nara	1995	1.03 (0.99–1.06)
Nara	1996	0.99 (0.96–1.02)
Nara	1997	0.99 (0.96–1.03)
Nara	1998	1.03 (1.0–1.07)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nara	1999	0.99 (0.96–1.03)
Nara	2000	0.99 (0.95–1.02)
Nara	2001	0.97 (0.93–1.01)
Nara	2002	0.98 (0.94–1.02)
Nara	2003	0.98 (0.94–1.02)
Nara	2004	0.98 (0.94–1.02)
Nara	2005	0.99 (0.95–1.03)
Nara	2006	0.99 (0.95–1.03)
Nara	2007	0.99 (0.94–1.03)
Nara	2008	1.0 (0.97–1.04)
Nara	2009	0.98 (0.93–1.02)
Nara	2010	0.99 (0.95–1.04)
Nara	2011	1.0 (0.97–1.03)
Nara	2012	1.01 (0.96–1.06)
Nara	2013	0.99 (0.93–1.04)
Nara	2014	0.99 (0.95–1.04)
Nara	2015	0.97 (0.93–1.02)
Nara	2016	0.97 (0.86–1.09)
Nara	2017	0.96 (0.81–1.13)
Niigata	1950	1.61 (1.33–1.93)
Niigata	1951	1.59 (1.31–1.89)
Niigata	1952	1.41 (1.17–1.67)
Niigata	1953	1.42 (1.18–1.67)
Niigata	1954	1.37 (1.15–1.61)
Niigata	1955	1.26 (1.07–1.48)
Niigata	1956	1.33 (1.12–1.55)
Niigata	1957	1.37 (1.16–1.59)
Niigata	1958	1.3 (1.1–1.51)
Niigata	1959	1.31 (1.11–1.53)
Niigata	1960	1.28 (1.07–1.49)
Niigata	1961	1.27 (1.07–1.5)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Niigata	1962	1.27 (1.05–1.51)
Niigata	1963	1.19 (0.97–1.41)
Niigata	1964	1.14 (0.93–1.36)
Niigata	1965	1.1 (0.89–1.32)
Niigata	1966	1.05 (0.86–1.25)
Niigata	1967	1.15 (0.95–1.37)
Niigata	1968	1.07 (0.89–1.27)
Niigata	1969	1.12 (0.94–1.31)
Niigata	1970	1.13 (0.95–1.32)
Niigata	1971	1.11 (0.95–1.3)
Niigata	1972	1.11 (0.96–1.29)
Niigata	1973	1.15 (1.0–1.32)
Niigata	1974	1.11 (0.98–1.26)
Niigata	1975	1.07 (0.95–1.19)
Niigata	1976	1.05 (0.95–1.16)
Niigata	1977	1.04 (0.96–1.12)
Niigata	1978	1.03 (0.97–1.09)
Niigata	1979	1.01 (0.97–1.05)
Niigata	1980	1.0 (0.98–1.03)
Niigata	1981	1.01 (0.99–1.04)
Niigata	1982	1.0 (0.97–1.02)
Niigata	1983	1.0 (0.97–1.02)
Niigata	1984	1.01 (0.98–1.03)
Niigata	1985	0.98 (0.95–1.01)
Niigata	1986	0.99 (0.96–1.02)
Niigata	1987	0.98 (0.95–1.01)
Niigata	1988	0.98 (0.95–1.01)
Niigata	1989	0.97 (0.94–1.0)
Niigata	1990	1.01 (0.97–1.04)
Niigata	1991	0.99 (0.96–1.02)
Niigata	1992	1.02 (0.99–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Niigata	1993	1.02 (0.99–1.06)
Niigata	1994	1.03 (0.99–1.06)
Niigata	1995	1.03 (0.99–1.06)
Niigata	1996	0.99 (0.96–1.02)
Niigata	1997	0.99 (0.96–1.03)
Niigata	1998	1.03 (1.0–1.07)
Niigata	1999	0.99 (0.96–1.03)
Niigata	2000	0.99 (0.95–1.02)
Niigata	2001	0.97 (0.93–1.01)
Niigata	2002	0.98 (0.94–1.02)
Niigata	2003	0.98 (0.94–1.02)
Niigata	2004	0.98 (0.94–1.02)
Niigata	2005	0.99 (0.95–1.03)
Niigata	2006	0.99 (0.95–1.03)
Niigata	2007	0.99 (0.94–1.03)
Niigata	2008	1.0 (0.97–1.04)
Niigata	2009	0.98 (0.93–1.02)
Niigata	2010	0.99 (0.95–1.04)
Niigata	2011	1.0 (0.97–1.03)
Niigata	2012	1.01 (0.96–1.06)
Niigata	2013	0.99 (0.93–1.04)
Niigata	2014	0.99 (0.95–1.04)
Niigata	2015	0.97 (0.93–1.02)
Niigata	2016	0.97 (0.86–1.09)
Niigata	2017	0.96 (0.81–1.13)
Ōita	1950	1.61 (1.33–1.93)
Ōita	1951	1.59 (1.31–1.89)
Ōita	1952	1.41 (1.17–1.67)
Ōita	1953	1.42 (1.18–1.67)
Ōita	1954	1.37 (1.15–1.61)
Ōita	1955	1.26 (1.07–1.48)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ōīta	1956	1.33 (1.12–1.55)
Ōīta	1957	1.37 (1.16–1.59)
Ōīta	1958	1.3 (1.1–1.51)
Ōīta	1959	1.31 (1.11–1.53)
Ōīta	1960	1.28 (1.07–1.49)
Ōīta	1961	1.27 (1.07–1.49)
Ōīta	1962	1.27 (1.05–1.51)
Ōīta	1963	1.19 (0.97–1.41)
Ōīta	1964	1.14 (0.93–1.36)
Ōīta	1965	1.1 (0.89–1.32)
Ōīta	1966	1.05 (0.86–1.25)
Ōīta	1967	1.15 (0.95–1.37)
Ōīta	1968	1.07 (0.89–1.27)
Ōīta	1969	1.12 (0.94–1.31)
Ōīta	1970	1.13 (0.95–1.32)
Ōīta	1971	1.11 (0.95–1.3)
Ōīta	1972	1.11 (0.96–1.29)
Ōīta	1973	1.15 (1.0–1.32)
Ōīta	1974	1.11 (0.98–1.26)
Ōīta	1975	1.07 (0.95–1.19)
Ōīta	1976	1.05 (0.95–1.16)
Ōīta	1977	1.04 (0.96–1.12)
Ōīta	1978	1.03 (0.97–1.09)
Ōīta	1979	1.01 (0.97–1.05)
Ōīta	1980	1.0 (0.98–1.03)
Ōīta	1981	1.01 (0.99–1.04)
Ōīta	1982	1.0 (0.97–1.02)
Ōīta	1983	1.0 (0.97–1.02)
Ōīta	1984	1.01 (0.98–1.03)
Ōīta	1985	0.98 (0.95–1.01)
Ōīta	1986	0.99 (0.96–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ōīta	1987	0.98 (0.95–1.01)
Ōīta	1988	0.98 (0.95–1.01)
Ōīta	1989	0.97 (0.94–1.0)
Ōīta	1990	1.01 (0.97–1.03)
Ōīta	1991	0.99 (0.96–1.02)
Ōīta	1992	1.02 (0.99–1.05)
Ōīta	1993	1.02 (0.99–1.06)
Ōīta	1994	1.03 (0.99–1.06)
Ōīta	1995	1.03 (0.99–1.06)
Ōīta	1996	0.99 (0.96–1.02)
Ōīta	1997	0.99 (0.96–1.03)
Ōīta	1998	1.03 (1.0–1.07)
Ōīta	1999	0.99 (0.96–1.03)
Ōīta	2000	0.99 (0.95–1.02)
Ōīta	2001	0.97 (0.93–1.01)
Ōīta	2002	0.98 (0.94–1.02)
Ōīta	2003	0.98 (0.94–1.02)
Ōīta	2004	0.98 (0.94–1.02)
Ōīta	2005	0.99 (0.95–1.03)
Ōīta	2006	0.99 (0.95–1.03)
Ōīta	2007	0.99 (0.94–1.03)
Ōīta	2008	1.0 (0.97–1.04)
Ōīta	2009	0.98 (0.93–1.02)
Ōīta	2010	0.99 (0.95–1.04)
Ōīta	2011	1.0 (0.97–1.03)
Ōīta	2012	1.01 (0.96–1.06)
Ōīta	2013	0.99 (0.93–1.04)
Ōīta	2014	0.99 (0.95–1.04)
Ōīta	2015	0.97 (0.93–1.02)
Ōīta	2016	0.97 (0.86–1.09)
Ōīta	2017	0.96 (0.81–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Okayama	1950	1.61 (1.33–1.93)
Okayama	1951	1.59 (1.31–1.9)
Okayama	1952	1.41 (1.17–1.67)
Okayama	1953	1.42 (1.18–1.68)
Okayama	1954	1.37 (1.15–1.61)
Okayama	1955	1.27 (1.07–1.48)
Okayama	1956	1.33 (1.12–1.56)
Okayama	1957	1.37 (1.16–1.6)
Okayama	1958	1.3 (1.1–1.52)
Okayama	1959	1.31 (1.11–1.53)
Okayama	1960	1.28 (1.07–1.49)
Okayama	1961	1.27 (1.07–1.5)
Okayama	1962	1.27 (1.05–1.51)
Okayama	1963	1.19 (0.97–1.41)
Okayama	1964	1.14 (0.93–1.36)
Okayama	1965	1.1 (0.89–1.32)
Okayama	1966	1.05 (0.86–1.25)
Okayama	1967	1.15 (0.95–1.37)
Okayama	1968	1.07 (0.89–1.27)
Okayama	1969	1.12 (0.94–1.31)
Okayama	1970	1.13 (0.95–1.32)
Okayama	1971	1.11 (0.95–1.3)
Okayama	1972	1.11 (0.95–1.29)
Okayama	1973	1.15 (1.0–1.32)
Okayama	1974	1.11 (0.98–1.26)
Okayama	1975	1.07 (0.95–1.19)
Okayama	1976	1.05 (0.95–1.16)
Okayama	1977	1.04 (0.96–1.12)
Okayama	1978	1.03 (0.97–1.09)
Okayama	1979	1.01 (0.97–1.05)
Okayama	1980	1.0 (0.98–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Okayama	1981	1.01 (0.99–1.04)
Okayama	1982	1.0 (0.97–1.02)
Okayama	1983	1.0 (0.97–1.02)
Okayama	1984	1.01 (0.98–1.03)
Okayama	1985	0.98 (0.95–1.01)
Okayama	1986	0.99 (0.96–1.02)
Okayama	1987	0.98 (0.95–1.01)
Okayama	1988	0.98 (0.95–1.01)
Okayama	1989	0.97 (0.94–1.0)
Okayama	1990	1.01 (0.97–1.03)
Okayama	1991	0.99 (0.96–1.02)
Okayama	1992	1.02 (0.99–1.05)
Okayama	1993	1.02 (0.99–1.06)
Okayama	1994	1.03 (0.99–1.06)
Okayama	1995	1.03 (0.99–1.06)
Okayama	1996	0.99 (0.96–1.02)
Okayama	1997	0.99 (0.96–1.03)
Okayama	1998	1.03 (1.0–1.07)
Okayama	1999	0.99 (0.96–1.03)
Okayama	2000	0.99 (0.95–1.02)
Okayama	2001	0.97 (0.93–1.01)
Okayama	2002	0.98 (0.94–1.02)
Okayama	2003	0.98 (0.94–1.02)
Okayama	2004	0.98 (0.94–1.02)
Okayama	2005	0.99 (0.95–1.03)
Okayama	2006	0.99 (0.95–1.03)
Okayama	2007	0.99 (0.94–1.03)
Okayama	2008	1.0 (0.97–1.04)
Okayama	2009	0.98 (0.93–1.02)
Okayama	2010	0.99 (0.95–1.04)
Okayama	2011	1.0 (0.97–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Okayama	2012	1.01 (0.96–1.06)
Okayama	2013	0.99 (0.93–1.04)
Okayama	2014	0.99 (0.95–1.04)
Okayama	2015	0.97 (0.93–1.02)
Okayama	2016	0.97 (0.86–1.09)
Okayama	2017	0.96 (0.81–1.13)
Okinawa	1950	1.61 (1.33–1.93)
Okinawa	1951	1.59 (1.31–1.89)
Okinawa	1952	1.41 (1.17–1.67)
Okinawa	1953	1.42 (1.18–1.67)
Okinawa	1954	1.37 (1.15–1.61)
Okinawa	1955	1.26 (1.07–1.48)
Okinawa	1956	1.33 (1.12–1.55)
Okinawa	1957	1.37 (1.16–1.59)
Okinawa	1958	1.3 (1.1–1.51)
Okinawa	1959	1.31 (1.11–1.53)
Okinawa	1960	1.28 (1.07–1.49)
Okinawa	1961	1.27 (1.07–1.49)
Okinawa	1962	1.27 (1.05–1.51)
Okinawa	1963	1.19 (0.97–1.41)
Okinawa	1964	1.14 (0.93–1.36)
Okinawa	1965	1.1 (0.89–1.32)
Okinawa	1966	1.05 (0.86–1.25)
Okinawa	1967	1.15 (0.95–1.37)
Okinawa	1968	1.07 (0.89–1.27)
Okinawa	1969	1.12 (0.94–1.31)
Okinawa	1970	1.13 (0.95–1.32)
Okinawa	1971	1.11 (0.95–1.3)
Okinawa	1972	1.11 (0.96–1.29)
Okinawa	1973	1.15 (1.0–1.32)
Okinawa	1974	1.11 (0.98–1.26)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Okinawa	1975	1.07 (0.95–1.19)
Okinawa	1976	1.05 (0.95–1.16)
Okinawa	1977	1.04 (0.96–1.12)
Okinawa	1978	1.03 (0.97–1.09)
Okinawa	1979	1.01 (0.97–1.05)
Okinawa	1980	1.0 (0.98–1.03)
Okinawa	1981	1.01 (0.99–1.04)
Okinawa	1982	1.0 (0.97–1.02)
Okinawa	1983	1.0 (0.97–1.02)
Okinawa	1984	1.01 (0.98–1.03)
Okinawa	1985	0.98 (0.95–1.01)
Okinawa	1986	0.99 (0.96–1.02)
Okinawa	1987	0.98 (0.95–1.01)
Okinawa	1988	0.98 (0.95–1.01)
Okinawa	1989	0.97 (0.94–1.0)
Okinawa	1990	1.01 (0.97–1.03)
Okinawa	1991	0.99 (0.96–1.02)
Okinawa	1992	1.02 (0.99–1.05)
Okinawa	1993	1.02 (0.99–1.06)
Okinawa	1994	1.03 (0.99–1.06)
Okinawa	1995	1.03 (0.99–1.06)
Okinawa	1996	0.99 (0.96–1.02)
Okinawa	1997	0.99 (0.96–1.03)
Okinawa	1998	1.03 (1.0–1.07)
Okinawa	1999	0.99 (0.96–1.03)
Okinawa	2000	0.99 (0.95–1.02)
Okinawa	2001	0.97 (0.93–1.01)
Okinawa	2002	0.98 (0.94–1.02)
Okinawa	2003	0.98 (0.94–1.02)
Okinawa	2004	0.98 (0.94–1.02)
Okinawa	2005	0.99 (0.95–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Okinawa	2006	0.99 (0.95–1.03)
Okinawa	2007	0.99 (0.94–1.03)
Okinawa	2008	1.0 (0.97–1.04)
Okinawa	2009	0.98 (0.93–1.02)
Okinawa	2010	0.99 (0.95–1.04)
Okinawa	2011	1.0 (0.97–1.03)
Okinawa	2012	1.01 (0.96–1.06)
Okinawa	2013	0.99 (0.93–1.04)
Okinawa	2014	0.99 (0.95–1.04)
Okinawa	2015	0.97 (0.93–1.02)
Okinawa	2016	0.97 (0.86–1.09)
Okinawa	2017	0.96 (0.81–1.13)
Ōsaka	1950	1.61 (1.33–1.93)
Ōsaka	1951	1.59 (1.31–1.9)
Ōsaka	1952	1.41 (1.17–1.67)
Ōsaka	1953	1.42 (1.18–1.68)
Ōsaka	1954	1.37 (1.15–1.61)
Ōsaka	1955	1.27 (1.07–1.49)
Ōsaka	1956	1.33 (1.12–1.56)
Ōsaka	1957	1.37 (1.16–1.6)
Ōsaka	1958	1.3 (1.1–1.52)
Ōsaka	1959	1.31 (1.11–1.53)
Ōsaka	1960	1.28 (1.07–1.49)
Ōsaka	1961	1.27 (1.07–1.5)
Ōsaka	1962	1.27 (1.05–1.51)
Ōsaka	1963	1.19 (0.97–1.41)
Ōsaka	1964	1.14 (0.93–1.36)
Ōsaka	1965	1.1 (0.89–1.32)
Ōsaka	1966	1.05 (0.86–1.25)
Ōsaka	1967	1.15 (0.95–1.37)
Ōsaka	1968	1.07 (0.89–1.27)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ōsaka	1969	1.12 (0.94–1.31)
Ōsaka	1970	1.13 (0.95–1.32)
Ōsaka	1971	1.11 (0.95–1.3)
Ōsaka	1972	1.11 (0.95–1.29)
Ōsaka	1973	1.15 (1.0–1.32)
Ōsaka	1974	1.11 (0.98–1.26)
Ōsaka	1975	1.07 (0.95–1.19)
Ōsaka	1976	1.05 (0.95–1.16)
Ōsaka	1977	1.04 (0.96–1.12)
Ōsaka	1978	1.03 (0.97–1.09)
Ōsaka	1979	1.01 (0.97–1.05)
Ōsaka	1980	1.0 (0.98–1.03)
Ōsaka	1981	1.01 (0.99–1.04)
Ōsaka	1982	1.0 (0.97–1.02)
Ōsaka	1983	1.0 (0.97–1.02)
Ōsaka	1984	1.01 (0.98–1.03)
Ōsaka	1985	0.98 (0.95–1.01)
Ōsaka	1986	0.99 (0.96–1.02)
Ōsaka	1987	0.98 (0.95–1.01)
Ōsaka	1988	0.98 (0.95–1.01)
Ōsaka	1989	0.97 (0.94–1.0)
Ōsaka	1990	1.01 (0.97–1.03)
Ōsaka	1991	0.99 (0.96–1.02)
Ōsaka	1992	1.02 (0.99–1.05)
Ōsaka	1993	1.02 (0.99–1.06)
Ōsaka	1994	1.03 (0.99–1.06)
Ōsaka	1995	1.03 (0.99–1.06)
Ōsaka	1996	0.99 (0.96–1.02)
Ōsaka	1997	0.99 (0.96–1.03)
Ōsaka	1998	1.03 (1.0–1.07)
Ōsaka	1999	0.99 (0.96–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ōsaka	2000	0.99 (0.95–1.02)
Ōsaka	2001	0.97 (0.93–1.01)
Ōsaka	2002	0.98 (0.94–1.02)
Ōsaka	2003	0.98 (0.94–1.02)
Ōsaka	2004	0.98 (0.94–1.02)
Ōsaka	2005	0.99 (0.95–1.03)
Ōsaka	2006	0.99 (0.95–1.03)
Ōsaka	2007	0.99 (0.94–1.03)
Ōsaka	2008	1.0 (0.97–1.04)
Ōsaka	2009	0.98 (0.93–1.02)
Ōsaka	2010	0.99 (0.95–1.04)
Ōsaka	2011	1.0 (0.97–1.03)
Ōsaka	2012	1.01 (0.96–1.06)
Ōsaka	2013	0.99 (0.93–1.04)
Ōsaka	2014	0.99 (0.95–1.04)
Ōsaka	2015	0.97 (0.93–1.02)
Ōsaka	2016	0.97 (0.86–1.09)
Ōsaka	2017	0.96 (0.81–1.13)
Saga	1950	1.61 (1.33–1.93)
Saga	1951	1.59 (1.31–1.89)
Saga	1952	1.41 (1.17–1.67)
Saga	1953	1.42 (1.18–1.67)
Saga	1954	1.37 (1.15–1.61)
Saga	1955	1.26 (1.07–1.48)
Saga	1956	1.33 (1.12–1.55)
Saga	1957	1.37 (1.16–1.59)
Saga	1958	1.3 (1.1–1.51)
Saga	1959	1.31 (1.11–1.53)
Saga	1960	1.28 (1.07–1.49)
Saga	1961	1.27 (1.07–1.49)
Saga	1962	1.27 (1.05–1.51)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Saga	1963	1.19 (0.97–1.41)
Saga	1964	1.14 (0.93–1.36)
Saga	1965	1.1 (0.89–1.32)
Saga	1966	1.05 (0.86–1.25)
Saga	1967	1.15 (0.95–1.37)
Saga	1968	1.07 (0.89–1.27)
Saga	1969	1.12 (0.94–1.31)
Saga	1970	1.13 (0.95–1.32)
Saga	1971	1.11 (0.95–1.3)
Saga	1972	1.11 (0.96–1.29)
Saga	1973	1.15 (1.0–1.32)
Saga	1974	1.11 (0.98–1.26)
Saga	1975	1.07 (0.95–1.19)
Saga	1976	1.05 (0.95–1.16)
Saga	1977	1.04 (0.96–1.12)
Saga	1978	1.03 (0.97–1.09)
Saga	1979	1.01 (0.97–1.05)
Saga	1980	1.0 (0.98–1.03)
Saga	1981	1.01 (0.99–1.04)
Saga	1982	1.0 (0.97–1.02)
Saga	1983	1.0 (0.97–1.02)
Saga	1984	1.01 (0.98–1.03)
Saga	1985	0.98 (0.95–1.01)
Saga	1986	0.99 (0.96–1.02)
Saga	1987	0.98 (0.95–1.01)
Saga	1988	0.98 (0.95–1.01)
Saga	1989	0.97 (0.94–1.0)
Saga	1990	1.01 (0.97–1.03)
Saga	1991	0.99 (0.96–1.02)
Saga	1992	1.02 (0.99–1.05)
Saga	1993	1.02 (0.99–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Saga	1994	1.03 (0.99–1.06)
Saga	1995	1.03 (0.99–1.06)
Saga	1996	0.99 (0.96–1.02)
Saga	1997	0.99 (0.96–1.03)
Saga	1998	1.03 (1.0–1.07)
Saga	1999	0.99 (0.96–1.03)
Saga	2000	0.99 (0.95–1.02)
Saga	2001	0.97 (0.93–1.01)
Saga	2002	0.98 (0.94–1.02)
Saga	2003	0.98 (0.94–1.02)
Saga	2004	0.98 (0.94–1.02)
Saga	2005	0.99 (0.95–1.03)
Saga	2006	0.99 (0.95–1.03)
Saga	2007	0.99 (0.94–1.03)
Saga	2008	1.0 (0.97–1.04)
Saga	2009	0.98 (0.93–1.02)
Saga	2010	0.99 (0.95–1.04)
Saga	2011	1.0 (0.97–1.03)
Saga	2012	1.01 (0.96–1.06)
Saga	2013	0.99 (0.93–1.04)
Saga	2014	0.99 (0.95–1.04)
Saga	2015	0.97 (0.93–1.02)
Saga	2016	0.97 (0.86–1.09)
Saga	2017	0.96 (0.81–1.13)
Saitama	1950	1.61 (1.33–1.93)
Saitama	1951	1.59 (1.31–1.9)
Saitama	1952	1.41 (1.17–1.67)
Saitama	1953	1.42 (1.18–1.68)
Saitama	1954	1.37 (1.15–1.61)
Saitama	1955	1.26 (1.07–1.48)
Saitama	1956	1.33 (1.12–1.56)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Saitama	1957	1.37 (1.16–1.6)
Saitama	1958	1.3 (1.1–1.52)
Saitama	1959	1.31 (1.11–1.53)
Saitama	1960	1.28 (1.07–1.49)
Saitama	1961	1.27 (1.07–1.5)
Saitama	1962	1.27 (1.05–1.51)
Saitama	1963	1.19 (0.97–1.41)
Saitama	1964	1.14 (0.93–1.36)
Saitama	1965	1.1 (0.89–1.32)
Saitama	1966	1.05 (0.86–1.25)
Saitama	1967	1.15 (0.95–1.37)
Saitama	1968	1.07 (0.89–1.27)
Saitama	1969	1.12 (0.94–1.31)
Saitama	1970	1.13 (0.95–1.32)
Saitama	1971	1.11 (0.95–1.3)
Saitama	1972	1.11 (0.95–1.29)
Saitama	1973	1.15 (1.0–1.32)
Saitama	1974	1.11 (0.98–1.26)
Saitama	1975	1.07 (0.95–1.19)
Saitama	1976	1.05 (0.95–1.16)
Saitama	1977	1.04 (0.96–1.12)
Saitama	1978	1.03 (0.97–1.09)
Saitama	1979	1.01 (0.97–1.05)
Saitama	1980	1.0 (0.98–1.03)
Saitama	1981	1.01 (0.99–1.04)
Saitama	1982	1.0 (0.97–1.02)
Saitama	1983	1.0 (0.97–1.02)
Saitama	1984	1.01 (0.98–1.03)
Saitama	1985	0.98 (0.95–1.01)
Saitama	1986	0.99 (0.96–1.02)
Saitama	1987	0.98 (0.95–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Saitama	1988	0.98 (0.95–1.01)
Saitama	1989	0.97 (0.94–1.0)
Saitama	1990	1.01 (0.97–1.03)
Saitama	1991	0.99 (0.96–1.02)
Saitama	1992	1.02 (0.99–1.05)
Saitama	1993	1.02 (0.99–1.06)
Saitama	1994	1.03 (0.99–1.06)
Saitama	1995	1.03 (0.99–1.06)
Saitama	1996	0.99 (0.96–1.02)
Saitama	1997	0.99 (0.96–1.03)
Saitama	1998	1.03 (1.0–1.07)
Saitama	1999	0.99 (0.96–1.03)
Saitama	2000	0.99 (0.95–1.02)
Saitama	2001	0.97 (0.93–1.01)
Saitama	2002	0.98 (0.94–1.02)
Saitama	2003	0.98 (0.94–1.02)
Saitama	2004	0.98 (0.94–1.02)
Saitama	2005	0.99 (0.95–1.03)
Saitama	2006	0.99 (0.95–1.03)
Saitama	2007	0.99 (0.94–1.03)
Saitama	2008	1.0 (0.97–1.04)
Saitama	2009	0.98 (0.93–1.02)
Saitama	2010	0.99 (0.95–1.04)
Saitama	2011	1.0 (0.97–1.03)
Saitama	2012	1.01 (0.96–1.06)
Saitama	2013	0.99 (0.93–1.04)
Saitama	2014	0.99 (0.95–1.04)
Saitama	2015	0.97 (0.93–1.02)
Saitama	2016	0.97 (0.86–1.09)
Saitama	2017	0.96 (0.81–1.13)
Shiga	1950	1.61 (1.33–1.93)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Shiga	1951	1.59 (1.31–1.9)
Shiga	1952	1.41 (1.17–1.67)
Shiga	1953	1.42 (1.18–1.68)
Shiga	1954	1.37 (1.15–1.61)
Shiga	1955	1.26 (1.07–1.48)
Shiga	1956	1.33 (1.12–1.56)
Shiga	1957	1.37 (1.16–1.6)
Shiga	1958	1.3 (1.1–1.52)
Shiga	1959	1.31 (1.11–1.53)
Shiga	1960	1.28 (1.07–1.49)
Shiga	1961	1.27 (1.07–1.5)
Shiga	1962	1.27 (1.05–1.51)
Shiga	1963	1.19 (0.97–1.41)
Shiga	1964	1.14 (0.93–1.36)
Shiga	1965	1.1 (0.89–1.32)
Shiga	1966	1.05 (0.86–1.25)
Shiga	1967	1.15 (0.95–1.37)
Shiga	1968	1.07 (0.89–1.27)
Shiga	1969	1.12 (0.94–1.31)
Shiga	1970	1.13 (0.95–1.32)
Shiga	1971	1.11 (0.95–1.3)
Shiga	1972	1.11 (0.96–1.29)
Shiga	1973	1.15 (1.0–1.32)
Shiga	1974	1.11 (0.98–1.26)
Shiga	1975	1.07 (0.95–1.19)
Shiga	1976	1.05 (0.95–1.16)
Shiga	1977	1.04 (0.96–1.12)
Shiga	1978	1.03 (0.97–1.09)
Shiga	1979	1.01 (0.97–1.05)
Shiga	1980	1.0 (0.98–1.03)
Shiga	1981	1.01 (0.99–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Shiga	1982	1.0 (0.97–1.02)
Shiga	1983	1.0 (0.97–1.02)
Shiga	1984	1.01 (0.98–1.03)
Shiga	1985	0.98 (0.95–1.01)
Shiga	1986	0.99 (0.96–1.02)
Shiga	1987	0.98 (0.95–1.01)
Shiga	1988	0.98 (0.95–1.01)
Shiga	1989	0.97 (0.94–1.0)
Shiga	1990	1.01 (0.97–1.03)
Shiga	1991	0.99 (0.96–1.02)
Shiga	1992	1.02 (0.99–1.05)
Shiga	1993	1.02 (0.99–1.06)
Shiga	1994	1.03 (0.99–1.06)
Shiga	1995	1.03 (0.99–1.06)
Shiga	1996	0.99 (0.96–1.02)
Shiga	1997	0.99 (0.96–1.03)
Shiga	1998	1.03 (1.0–1.07)
Shiga	1999	0.99 (0.96–1.03)
Shiga	2000	0.99 (0.95–1.02)
Shiga	2001	0.97 (0.93–1.01)
Shiga	2002	0.98 (0.94–1.02)
Shiga	2003	0.98 (0.94–1.02)
Shiga	2004	0.98 (0.94–1.02)
Shiga	2005	0.99 (0.95–1.03)
Shiga	2006	0.99 (0.95–1.03)
Shiga	2007	0.99 (0.94–1.03)
Shiga	2008	1.0 (0.97–1.04)
Shiga	2009	0.98 (0.93–1.02)
Shiga	2010	0.99 (0.95–1.04)
Shiga	2011	1.0 (0.97–1.03)
Shiga	2012	1.01 (0.96–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Shiga	2013	0.99 (0.93–1.04)
Shiga	2014	0.99 (0.95–1.04)
Shiga	2015	0.97 (0.93–1.02)
Shiga	2016	0.97 (0.86–1.09)
Shiga	2017	0.96 (0.81–1.13)
Shimane	1950	1.61 (1.33–1.93)
Shimane	1951	1.59 (1.31–1.9)
Shimane	1952	1.41 (1.17–1.67)
Shimane	1953	1.42 (1.18–1.67)
Shimane	1954	1.37 (1.15–1.61)
Shimane	1955	1.26 (1.07–1.48)
Shimane	1956	1.33 (1.12–1.55)
Shimane	1957	1.37 (1.16–1.59)
Shimane	1958	1.3 (1.1–1.52)
Shimane	1959	1.31 (1.11–1.53)
Shimane	1960	1.28 (1.07–1.49)
Shimane	1961	1.27 (1.07–1.5)
Shimane	1962	1.27 (1.05–1.51)
Shimane	1963	1.19 (0.97–1.41)
Shimane	1964	1.14 (0.93–1.36)
Shimane	1965	1.1 (0.89–1.32)
Shimane	1966	1.05 (0.86–1.25)
Shimane	1967	1.15 (0.95–1.37)
Shimane	1968	1.07 (0.89–1.27)
Shimane	1969	1.12 (0.94–1.31)
Shimane	1970	1.13 (0.95–1.32)
Shimane	1971	1.11 (0.95–1.3)
Shimane	1972	1.11 (0.96–1.29)
Shimane	1973	1.15 (1.0–1.32)
Shimane	1974	1.11 (0.98–1.26)
Shimane	1975	1.07 (0.95–1.19)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Shimane	1976	1.05 (0.95–1.16)
Shimane	1977	1.04 (0.96–1.12)
Shimane	1978	1.03 (0.97–1.09)
Shimane	1979	1.01 (0.97–1.05)
Shimane	1980	1.0 (0.98–1.03)
Shimane	1981	1.01 (0.99–1.04)
Shimane	1982	1.0 (0.97–1.02)
Shimane	1983	1.0 (0.97–1.02)
Shimane	1984	1.01 (0.98–1.03)
Shimane	1985	0.98 (0.95–1.01)
Shimane	1986	0.99 (0.96–1.02)
Shimane	1987	0.98 (0.95–1.01)
Shimane	1988	0.98 (0.95–1.01)
Shimane	1989	0.97 (0.94–1.0)
Shimane	1990	1.01 (0.97–1.03)
Shimane	1991	0.99 (0.96–1.02)
Shimane	1992	1.02 (0.99–1.05)
Shimane	1993	1.02 (0.99–1.06)
Shimane	1994	1.03 (0.99–1.06)
Shimane	1995	1.03 (0.99–1.06)
Shimane	1996	0.99 (0.96–1.02)
Shimane	1997	0.99 (0.96–1.03)
Shimane	1998	1.03 (1.0–1.07)
Shimane	1999	0.99 (0.96–1.03)
Shimane	2000	0.99 (0.95–1.02)
Shimane	2001	0.97 (0.93–1.01)
Shimane	2002	0.98 (0.94–1.02)
Shimane	2003	0.98 (0.94–1.02)
Shimane	2004	0.98 (0.94–1.02)
Shimane	2005	0.99 (0.95–1.03)
Shimane	2006	0.99 (0.95–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Shimane	2007	0.99 (0.94–1.03)
Shimane	2008	1.0 (0.97–1.04)
Shimane	2009	0.98 (0.93–1.02)
Shimane	2010	0.99 (0.95–1.04)
Shimane	2011	1.0 (0.97–1.03)
Shimane	2012	1.01 (0.96–1.06)
Shimane	2013	0.99 (0.93–1.04)
Shimane	2014	0.99 (0.95–1.04)
Shimane	2015	0.97 (0.93–1.02)
Shimane	2016	0.97 (0.86–1.09)
Shimane	2017	0.96 (0.81–1.13)
Shizuoka	1950	1.61 (1.33–1.93)
Shizuoka	1951	1.59 (1.31–1.9)
Shizuoka	1952	1.41 (1.17–1.67)
Shizuoka	1953	1.42 (1.18–1.67)
Shizuoka	1954	1.37 (1.15–1.61)
Shizuoka	1955	1.27 (1.07–1.48)
Shizuoka	1956	1.33 (1.12–1.56)
Shizuoka	1957	1.37 (1.16–1.6)
Shizuoka	1958	1.3 (1.1–1.52)
Shizuoka	1959	1.31 (1.11–1.53)
Shizuoka	1960	1.28 (1.07–1.5)
Shizuoka	1961	1.27 (1.07–1.5)
Shizuoka	1962	1.27 (1.05–1.51)
Shizuoka	1963	1.19 (0.97–1.41)
Shizuoka	1964	1.14 (0.93–1.36)
Shizuoka	1965	1.1 (0.89–1.32)
Shizuoka	1966	1.05 (0.86–1.25)
Shizuoka	1967	1.15 (0.95–1.37)
Shizuoka	1968	1.07 (0.89–1.27)
Shizuoka	1969	1.12 (0.94–1.31)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Shizuoka	1970	1.13 (0.95–1.32)
Shizuoka	1971	1.11 (0.95–1.3)
Shizuoka	1972	1.11 (0.95–1.29)
Shizuoka	1973	1.15 (1.0–1.32)
Shizuoka	1974	1.11 (0.98–1.26)
Shizuoka	1975	1.07 (0.95–1.19)
Shizuoka	1976	1.05 (0.95–1.16)
Shizuoka	1977	1.04 (0.96–1.12)
Shizuoka	1978	1.03 (0.97–1.09)
Shizuoka	1979	1.01 (0.97–1.05)
Shizuoka	1980	1.0 (0.98–1.03)
Shizuoka	1981	1.01 (0.99–1.04)
Shizuoka	1982	1.0 (0.97–1.02)
Shizuoka	1983	1.0 (0.97–1.02)
Shizuoka	1984	1.01 (0.98–1.03)
Shizuoka	1985	0.98 (0.95–1.01)
Shizuoka	1986	0.99 (0.96–1.02)
Shizuoka	1987	0.98 (0.95–1.01)
Shizuoka	1988	0.98 (0.95–1.01)
Shizuoka	1989	0.97 (0.94–1.0)
Shizuoka	1990	1.01 (0.97–1.03)
Shizuoka	1991	0.99 (0.96–1.02)
Shizuoka	1992	1.02 (0.99–1.05)
Shizuoka	1993	1.02 (0.99–1.06)
Shizuoka	1994	1.03 (0.99–1.06)
Shizuoka	1995	1.03 (0.99–1.06)
Shizuoka	1996	0.99 (0.96–1.02)
Shizuoka	1997	0.99 (0.96–1.03)
Shizuoka	1998	1.03 (1.0–1.07)
Shizuoka	1999	0.99 (0.96–1.03)
Shizuoka	2000	0.99 (0.95–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Shizuoka	2001	0.97 (0.93–1.01)
Shizuoka	2002	0.98 (0.94–1.02)
Shizuoka	2003	0.98 (0.94–1.02)
Shizuoka	2004	0.98 (0.94–1.02)
Shizuoka	2005	0.99 (0.95–1.03)
Shizuoka	2006	0.99 (0.95–1.03)
Shizuoka	2007	0.99 (0.94–1.03)
Shizuoka	2008	1.0 (0.97–1.04)
Shizuoka	2009	0.98 (0.93–1.02)
Shizuoka	2010	0.99 (0.95–1.04)
Shizuoka	2011	1.0 (0.97–1.03)
Shizuoka	2012	1.01 (0.96–1.06)
Shizuoka	2013	0.99 (0.93–1.04)
Shizuoka	2014	0.99 (0.95–1.04)
Shizuoka	2015	0.97 (0.93–1.02)
Shizuoka	2016	0.97 (0.86–1.09)
Shizuoka	2017	0.96 (0.81–1.13)
Tochigi	1950	1.61 (1.33–1.93)
Tochigi	1951	1.59 (1.31–1.89)
Tochigi	1952	1.41 (1.17–1.67)
Tochigi	1953	1.42 (1.18–1.67)
Tochigi	1954	1.37 (1.15–1.61)
Tochigi	1955	1.26 (1.07–1.48)
Tochigi	1956	1.33 (1.12–1.55)
Tochigi	1957	1.37 (1.16–1.59)
Tochigi	1958	1.3 (1.1–1.51)
Tochigi	1959	1.31 (1.11–1.53)
Tochigi	1960	1.28 (1.07–1.49)
Tochigi	1961	1.27 (1.07–1.49)
Tochigi	1962	1.27 (1.05–1.51)
Tochigi	1963	1.19 (0.97–1.41)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tochigi	1964	1.14 (0.93–1.36)
Tochigi	1965	1.1 (0.89–1.32)
Tochigi	1966	1.05 (0.86–1.25)
Tochigi	1967	1.15 (0.95–1.37)
Tochigi	1968	1.07 (0.89–1.27)
Tochigi	1969	1.12 (0.94–1.31)
Tochigi	1970	1.13 (0.95–1.32)
Tochigi	1971	1.11 (0.95–1.3)
Tochigi	1972	1.11 (0.96–1.29)
Tochigi	1973	1.15 (1.0–1.32)
Tochigi	1974	1.11 (0.98–1.26)
Tochigi	1975	1.07 (0.95–1.19)
Tochigi	1976	1.05 (0.95–1.16)
Tochigi	1977	1.04 (0.96–1.12)
Tochigi	1978	1.03 (0.97–1.09)
Tochigi	1979	1.01 (0.97–1.05)
Tochigi	1980	1.0 (0.98–1.03)
Tochigi	1981	1.01 (0.99–1.04)
Tochigi	1982	1.0 (0.97–1.02)
Tochigi	1983	1.0 (0.97–1.02)
Tochigi	1984	1.01 (0.98–1.03)
Tochigi	1985	0.98 (0.95–1.01)
Tochigi	1986	0.99 (0.96–1.02)
Tochigi	1987	0.98 (0.95–1.01)
Tochigi	1988	0.98 (0.95–1.01)
Tochigi	1989	0.97 (0.94–1.0)
Tochigi	1990	1.01 (0.97–1.03)
Tochigi	1991	0.99 (0.96–1.02)
Tochigi	1992	1.02 (0.99–1.05)
Tochigi	1993	1.02 (0.99–1.06)
Tochigi	1994	1.03 (0.99–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tochigi	1995	1.03 (0.99–1.06)
Tochigi	1996	0.99 (0.96–1.02)
Tochigi	1997	0.99 (0.96–1.03)
Tochigi	1998	1.03 (1.0–1.07)
Tochigi	1999	0.99 (0.96–1.03)
Tochigi	2000	0.99 (0.95–1.02)
Tochigi	2001	0.97 (0.93–1.01)
Tochigi	2002	0.98 (0.94–1.02)
Tochigi	2003	0.98 (0.94–1.02)
Tochigi	2004	0.98 (0.94–1.02)
Tochigi	2005	0.99 (0.95–1.03)
Tochigi	2006	0.99 (0.95–1.03)
Tochigi	2007	0.99 (0.94–1.03)
Tochigi	2008	1.0 (0.97–1.04)
Tochigi	2009	0.98 (0.93–1.02)
Tochigi	2010	0.99 (0.95–1.04)
Tochigi	2011	1.0 (0.97–1.03)
Tochigi	2012	1.01 (0.96–1.06)
Tochigi	2013	0.99 (0.93–1.04)
Tochigi	2014	0.99 (0.95–1.04)
Tochigi	2015	0.97 (0.93–1.02)
Tochigi	2016	0.97 (0.86–1.09)
Tochigi	2017	0.96 (0.81–1.13)
Tokushima	1950	1.61 (1.33–1.93)
Tokushima	1951	1.59 (1.31–1.9)
Tokushima	1952	1.41 (1.17–1.67)
Tokushima	1953	1.42 (1.18–1.67)
Tokushima	1954	1.37 (1.15–1.61)
Tokushima	1955	1.26 (1.07–1.48)
Tokushima	1956	1.33 (1.12–1.55)
Tokushima	1957	1.37 (1.16–1.59)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tokushima	1958	1.3 (1.1–1.51)
Tokushima	1959	1.31 (1.11–1.53)
Tokushima	1960	1.28 (1.07–1.49)
Tokushima	1961	1.27 (1.07–1.49)
Tokushima	1962	1.27 (1.05–1.51)
Tokushima	1963	1.19 (0.97–1.41)
Tokushima	1964	1.14 (0.93–1.36)
Tokushima	1965	1.1 (0.89–1.32)
Tokushima	1966	1.05 (0.86–1.25)
Tokushima	1967	1.15 (0.95–1.37)
Tokushima	1968	1.07 (0.89–1.27)
Tokushima	1969	1.12 (0.94–1.31)
Tokushima	1970	1.13 (0.95–1.32)
Tokushima	1971	1.11 (0.95–1.3)
Tokushima	1972	1.11 (0.96–1.29)
Tokushima	1973	1.15 (1.0–1.32)
Tokushima	1974	1.11 (0.98–1.26)
Tokushima	1975	1.07 (0.95–1.19)
Tokushima	1976	1.05 (0.95–1.16)
Tokushima	1977	1.04 (0.96–1.12)
Tokushima	1978	1.03 (0.97–1.09)
Tokushima	1979	1.01 (0.97–1.05)
Tokushima	1980	1.0 (0.98–1.03)
Tokushima	1981	1.01 (0.99–1.04)
Tokushima	1982	1.0 (0.97–1.02)
Tokushima	1983	1.0 (0.97–1.02)
Tokushima	1984	1.01 (0.98–1.03)
Tokushima	1985	0.98 (0.95–1.01)
Tokushima	1986	0.99 (0.96–1.02)
Tokushima	1987	0.98 (0.95–1.01)
Tokushima	1988	0.98 (0.95–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tokushima	1989	0.97 (0.94–1.0)
Tokushima	1990	1.01 (0.97–1.03)
Tokushima	1991	0.99 (0.96–1.02)
Tokushima	1992	1.02 (0.99–1.05)
Tokushima	1993	1.02 (0.99–1.06)
Tokushima	1994	1.03 (0.99–1.06)
Tokushima	1995	1.03 (0.99–1.06)
Tokushima	1996	0.99 (0.96–1.02)
Tokushima	1997	0.99 (0.96–1.03)
Tokushima	1998	1.03 (1.0–1.07)
Tokushima	1999	0.99 (0.96–1.03)
Tokushima	2000	0.99 (0.95–1.02)
Tokushima	2001	0.97 (0.93–1.01)
Tokushima	2002	0.98 (0.94–1.02)
Tokushima	2003	0.98 (0.94–1.02)
Tokushima	2004	0.98 (0.94–1.02)
Tokushima	2005	0.99 (0.95–1.03)
Tokushima	2006	0.99 (0.95–1.03)
Tokushima	2007	0.99 (0.94–1.03)
Tokushima	2008	1.0 (0.97–1.04)
Tokushima	2009	0.98 (0.93–1.02)
Tokushima	2010	0.99 (0.95–1.04)
Tokushima	2011	1.0 (0.97–1.03)
Tokushima	2012	1.01 (0.96–1.06)
Tokushima	2013	0.99 (0.93–1.04)
Tokushima	2014	0.99 (0.95–1.04)
Tokushima	2015	0.97 (0.93–1.02)
Tokushima	2016	0.97 (0.86–1.09)
Tokushima	2017	0.96 (0.81–1.13)
Tōkyō	1950	1.62 (1.33–1.94)
Tōkyō	1951	1.59 (1.31–1.9)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tōkyō	1952	1.42 (1.17–1.68)
Tōkyō	1953	1.43 (1.19–1.68)
Tōkyō	1954	1.37 (1.15–1.62)
Tōkyō	1955	1.27 (1.07–1.49)
Tōkyō	1956	1.33 (1.12–1.56)
Tōkyō	1957	1.37 (1.16–1.6)
Tōkyō	1958	1.3 (1.1–1.52)
Tōkyō	1959	1.31 (1.11–1.53)
Tōkyō	1960	1.28 (1.07–1.5)
Tōkyō	1961	1.27 (1.07–1.5)
Tōkyō	1962	1.27 (1.05–1.51)
Tōkyō	1963	1.19 (0.97–1.41)
Tōkyō	1964	1.14 (0.93–1.36)
Tōkyō	1965	1.1 (0.89–1.32)
Tōkyō	1966	1.05 (0.86–1.25)
Tōkyō	1967	1.15 (0.95–1.37)
Tōkyō	1968	1.07 (0.89–1.27)
Tōkyō	1969	1.12 (0.94–1.31)
Tōkyō	1970	1.13 (0.95–1.32)
Tōkyō	1971	1.11 (0.95–1.3)
Tōkyō	1972	1.11 (0.95–1.29)
Tōkyō	1973	1.15 (1.0–1.32)
Tōkyō	1974	1.11 (0.98–1.26)
Tōkyō	1975	1.07 (0.95–1.19)
Tōkyō	1976	1.05 (0.95–1.16)
Tōkyō	1977	1.04 (0.96–1.12)
Tōkyō	1978	1.03 (0.97–1.09)
Tōkyō	1979	1.01 (0.97–1.05)
Tōkyō	1980	1.0 (0.98–1.03)
Tōkyō	1981	1.01 (0.99–1.04)
Tōkyō	1982	1.0 (0.97–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tōkyō	1983	1.0 (0.97–1.02)
Tōkyō	1984	1.01 (0.98–1.03)
Tōkyō	1985	0.98 (0.95–1.01)
Tōkyō	1986	0.99 (0.96–1.02)
Tōkyō	1987	0.98 (0.95–1.01)
Tōkyō	1988	0.98 (0.95–1.01)
Tōkyō	1989	0.97 (0.94–1.0)
Tōkyō	1990	1.01 (0.97–1.03)
Tōkyō	1991	0.99 (0.96–1.02)
Tōkyō	1992	1.02 (0.99–1.05)
Tōkyō	1993	1.02 (0.99–1.06)
Tōkyō	1994	1.03 (0.99–1.06)
Tōkyō	1995	1.03 (0.99–1.06)
Tōkyō	1996	0.99 (0.96–1.02)
Tōkyō	1997	0.99 (0.96–1.03)
Tōkyō	1998	1.03 (1.0–1.07)
Tōkyō	1999	0.99 (0.96–1.03)
Tōkyō	2000	0.99 (0.95–1.02)
Tōkyō	2001	0.97 (0.93–1.01)
Tōkyō	2002	0.98 (0.94–1.02)
Tōkyō	2003	0.98 (0.94–1.02)
Tōkyō	2004	0.98 (0.94–1.02)
Tōkyō	2005	0.99 (0.95–1.03)
Tōkyō	2006	0.99 (0.95–1.03)
Tōkyō	2007	0.99 (0.94–1.03)
Tōkyō	2008	1.0 (0.97–1.04)
Tōkyō	2009	0.98 (0.93–1.02)
Tōkyō	2010	0.99 (0.95–1.04)
Tōkyō	2011	1.0 (0.97–1.03)
Tōkyō	2012	1.01 (0.96–1.06)
Tōkyō	2013	0.99 (0.93–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tōkyō	2014	0.99 (0.95–1.04)
Tōkyō	2015	0.97 (0.93–1.02)
Tōkyō	2016	0.97 (0.86–1.09)
Tōkyō	2017	0.96 (0.81–1.13)
Tottori	1950	1.61 (1.33–1.93)
Tottori	1951	1.59 (1.31–1.89)
Tottori	1952	1.41 (1.17–1.67)
Tottori	1953	1.42 (1.18–1.67)
Tottori	1954	1.37 (1.15–1.61)
Tottori	1955	1.26 (1.07–1.48)
Tottori	1956	1.33 (1.12–1.55)
Tottori	1957	1.37 (1.16–1.59)
Tottori	1958	1.3 (1.1–1.51)
Tottori	1959	1.31 (1.11–1.53)
Tottori	1960	1.28 (1.07–1.49)
Tottori	1961	1.27 (1.07–1.49)
Tottori	1962	1.27 (1.05–1.51)
Tottori	1963	1.19 (0.97–1.41)
Tottori	1964	1.14 (0.93–1.36)
Tottori	1965	1.1 (0.89–1.32)
Tottori	1966	1.05 (0.86–1.25)
Tottori	1967	1.15 (0.95–1.37)
Tottori	1968	1.07 (0.89–1.27)
Tottori	1969	1.12 (0.94–1.31)
Tottori	1970	1.13 (0.95–1.32)
Tottori	1971	1.11 (0.95–1.29)
Tottori	1972	1.11 (0.96–1.29)
Tottori	1973	1.15 (1.0–1.32)
Tottori	1974	1.11 (0.98–1.26)
Tottori	1975	1.07 (0.95–1.19)
Tottori	1976	1.05 (0.95–1.16)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tottori	1977	1.04 (0.96–1.12)
Tottori	1978	1.03 (0.97–1.09)
Tottori	1979	1.01 (0.97–1.05)
Tottori	1980	1.0 (0.98–1.03)
Tottori	1981	1.01 (0.99–1.04)
Tottori	1982	1.0 (0.97–1.02)
Tottori	1983	1.0 (0.97–1.02)
Tottori	1984	1.01 (0.98–1.03)
Tottori	1985	0.98 (0.95–1.01)
Tottori	1986	0.99 (0.96–1.02)
Tottori	1987	0.98 (0.95–1.01)
Tottori	1988	0.98 (0.95–1.01)
Tottori	1989	0.97 (0.94–1.0)
Tottori	1990	1.01 (0.97–1.03)
Tottori	1991	0.99 (0.96–1.02)
Tottori	1992	1.02 (0.99–1.05)
Tottori	1993	1.02 (0.99–1.06)
Tottori	1994	1.03 (0.99–1.06)
Tottori	1995	1.03 (0.99–1.06)
Tottori	1996	0.99 (0.96–1.02)
Tottori	1997	0.99 (0.96–1.03)
Tottori	1998	1.03 (1.0–1.07)
Tottori	1999	0.99 (0.96–1.03)
Tottori	2000	0.99 (0.95–1.02)
Tottori	2001	0.97 (0.93–1.01)
Tottori	2002	0.98 (0.94–1.02)
Tottori	2003	0.98 (0.94–1.02)
Tottori	2004	0.98 (0.94–1.02)
Tottori	2005	0.99 (0.95–1.03)
Tottori	2006	0.99 (0.95–1.03)
Tottori	2007	0.99 (0.94–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tottori	2008	1.0 (0.97–1.04)
Tottori	2009	0.98 (0.93–1.02)
Tottori	2010	0.99 (0.95–1.04)
Tottori	2011	1.0 (0.97–1.03)
Tottori	2012	1.01 (0.96–1.06)
Tottori	2013	0.99 (0.93–1.04)
Tottori	2014	0.99 (0.95–1.04)
Tottori	2015	0.97 (0.93–1.02)
Tottori	2016	0.97 (0.86–1.09)
Tottori	2017	0.96 (0.81–1.13)
Toyama	1950	1.61 (1.33–1.93)
Toyama	1951	1.59 (1.31–1.89)
Toyama	1952	1.41 (1.17–1.67)
Toyama	1953	1.42 (1.18–1.67)
Toyama	1954	1.37 (1.15–1.61)
Toyama	1955	1.26 (1.07–1.48)
Toyama	1956	1.33 (1.12–1.55)
Toyama	1957	1.37 (1.16–1.59)
Toyama	1958	1.3 (1.1–1.51)
Toyama	1959	1.31 (1.11–1.53)
Toyama	1960	1.28 (1.07–1.49)
Toyama	1961	1.27 (1.07–1.49)
Toyama	1962	1.27 (1.05–1.51)
Toyama	1963	1.19 (0.97–1.41)
Toyama	1964	1.14 (0.93–1.36)
Toyama	1965	1.1 (0.89–1.32)
Toyama	1966	1.05 (0.86–1.25)
Toyama	1967	1.15 (0.95–1.37)
Toyama	1968	1.07 (0.89–1.27)
Toyama	1969	1.12 (0.94–1.31)
Toyama	1970	1.13 (0.95–1.32)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Toyama	1971	1.11 (0.95–1.3)
Toyama	1972	1.11 (0.96–1.29)
Toyama	1973	1.15 (1.0–1.32)
Toyama	1974	1.11 (0.98–1.26)
Toyama	1975	1.07 (0.95–1.19)
Toyama	1976	1.05 (0.95–1.16)
Toyama	1977	1.04 (0.96–1.12)
Toyama	1978	1.03 (0.97–1.09)
Toyama	1979	1.01 (0.97–1.05)
Toyama	1980	1.0 (0.98–1.03)
Toyama	1981	1.01 (0.99–1.04)
Toyama	1982	1.0 (0.97–1.02)
Toyama	1983	1.0 (0.97–1.02)
Toyama	1984	1.01 (0.98–1.03)
Toyama	1985	0.98 (0.95–1.01)
Toyama	1986	0.99 (0.96–1.02)
Toyama	1987	0.98 (0.95–1.01)
Toyama	1988	0.98 (0.95–1.01)
Toyama	1989	0.97 (0.94–1.0)
Toyama	1990	1.01 (0.97–1.03)
Toyama	1991	0.99 (0.96–1.02)
Toyama	1992	1.02 (0.99–1.05)
Toyama	1993	1.02 (0.99–1.06)
Toyama	1994	1.03 (0.99–1.06)
Toyama	1995	1.03 (0.99–1.06)
Toyama	1996	0.99 (0.96–1.02)
Toyama	1997	0.99 (0.96–1.03)
Toyama	1998	1.03 (1.0–1.07)
Toyama	1999	0.99 (0.96–1.03)
Toyama	2000	0.99 (0.95–1.02)
Toyama	2001	0.97 (0.93–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Toyama	2002	0.98 (0.94–1.02)
Toyama	2003	0.98 (0.94–1.02)
Toyama	2004	0.98 (0.94–1.02)
Toyama	2005	0.99 (0.95–1.03)
Toyama	2006	0.99 (0.95–1.03)
Toyama	2007	0.99 (0.94–1.03)
Toyama	2008	1.0 (0.97–1.04)
Toyama	2009	0.98 (0.93–1.02)
Toyama	2010	0.99 (0.95–1.04)
Toyama	2011	1.0 (0.97–1.03)
Toyama	2012	1.01 (0.96–1.06)
Toyama	2013	0.99 (0.93–1.04)
Toyama	2014	0.99 (0.95–1.04)
Toyama	2015	0.97 (0.93–1.02)
Toyama	2016	0.97 (0.86–1.09)
Toyama	2017	0.96 (0.81–1.13)
Wakayama	1950	1.61 (1.33–1.92)
Wakayama	1951	1.58 (1.3–1.89)
Wakayama	1952	1.41 (1.17–1.67)
Wakayama	1953	1.42 (1.18–1.67)
Wakayama	1954	1.37 (1.15–1.61)
Wakayama	1955	1.26 (1.07–1.48)
Wakayama	1956	1.33 (1.12–1.55)
Wakayama	1957	1.37 (1.16–1.59)
Wakayama	1958	1.3 (1.1–1.51)
Wakayama	1959	1.31 (1.11–1.53)
Wakayama	1960	1.28 (1.07–1.49)
Wakayama	1961	1.27 (1.07–1.49)
Wakayama	1962	1.27 (1.05–1.51)
Wakayama	1963	1.19 (0.97–1.41)
Wakayama	1964	1.14 (0.93–1.36)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wakayama	1965	1.1 (0.89–1.32)
Wakayama	1966	1.05 (0.86–1.25)
Wakayama	1967	1.15 (0.95–1.37)
Wakayama	1968	1.07 (0.89–1.27)
Wakayama	1969	1.12 (0.94–1.31)
Wakayama	1970	1.13 (0.95–1.32)
Wakayama	1971	1.11 (0.95–1.29)
Wakayama	1972	1.11 (0.96–1.29)
Wakayama	1973	1.15 (1.0–1.32)
Wakayama	1974	1.11 (0.98–1.26)
Wakayama	1975	1.07 (0.95–1.19)
Wakayama	1976	1.05 (0.95–1.16)
Wakayama	1977	1.04 (0.96–1.12)
Wakayama	1978	1.03 (0.97–1.09)
Wakayama	1979	1.01 (0.97–1.05)
Wakayama	1980	1.0 (0.98–1.03)
Wakayama	1981	1.01 (0.99–1.04)
Wakayama	1982	1.0 (0.97–1.02)
Wakayama	1983	1.0 (0.97–1.02)
Wakayama	1984	1.01 (0.98–1.03)
Wakayama	1985	0.98 (0.95–1.01)
Wakayama	1986	0.99 (0.96–1.02)
Wakayama	1987	0.98 (0.95–1.01)
Wakayama	1988	0.98 (0.95–1.01)
Wakayama	1989	0.97 (0.94–1.0)
Wakayama	1990	1.01 (0.97–1.03)
Wakayama	1991	0.99 (0.96–1.02)
Wakayama	1992	1.02 (0.99–1.05)
Wakayama	1993	1.02 (0.99–1.06)
Wakayama	1994	1.03 (0.99–1.06)
Wakayama	1995	1.03 (0.99–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wakayama	1996	0.99 (0.96–1.02)
Wakayama	1997	0.99 (0.96–1.03)
Wakayama	1998	1.03 (1.0–1.07)
Wakayama	1999	0.99 (0.96–1.03)
Wakayama	2000	0.99 (0.95–1.02)
Wakayama	2001	0.97 (0.93–1.01)
Wakayama	2002	0.98 (0.94–1.02)
Wakayama	2003	0.98 (0.94–1.02)
Wakayama	2004	0.98 (0.94–1.02)
Wakayama	2005	0.99 (0.95–1.03)
Wakayama	2006	0.99 (0.95–1.03)
Wakayama	2007	0.99 (0.94–1.03)
Wakayama	2008	1.0 (0.97–1.04)
Wakayama	2009	0.98 (0.93–1.02)
Wakayama	2010	0.99 (0.95–1.04)
Wakayama	2011	1.0 (0.97–1.03)
Wakayama	2012	1.01 (0.96–1.06)
Wakayama	2013	0.99 (0.93–1.04)
Wakayama	2014	0.99 (0.95–1.04)
Wakayama	2015	0.97 (0.93–1.02)
Wakayama	2016	0.97 (0.86–1.09)
Wakayama	2017	0.96 (0.81–1.13)
Yamagata	1950	1.61 (1.33–1.93)
Yamagata	1951	1.59 (1.31–1.89)
Yamagata	1952	1.41 (1.17–1.67)
Yamagata	1953	1.42 (1.18–1.67)
Yamagata	1954	1.37 (1.15–1.61)
Yamagata	1955	1.26 (1.07–1.48)
Yamagata	1956	1.33 (1.12–1.55)
Yamagata	1957	1.37 (1.16–1.59)
Yamagata	1958	1.3 (1.1–1.51)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Yamagata	1959	1.31 (1.11–1.53)
Yamagata	1960	1.28 (1.07–1.49)
Yamagata	1961	1.27 (1.07–1.49)
Yamagata	1962	1.27 (1.05–1.51)
Yamagata	1963	1.19 (0.97–1.41)
Yamagata	1964	1.14 (0.93–1.36)
Yamagata	1965	1.1 (0.89–1.32)
Yamagata	1966	1.05 (0.86–1.25)
Yamagata	1967	1.15 (0.95–1.37)
Yamagata	1968	1.07 (0.89–1.27)
Yamagata	1969	1.12 (0.94–1.31)
Yamagata	1970	1.13 (0.95–1.32)
Yamagata	1971	1.11 (0.95–1.3)
Yamagata	1972	1.11 (0.96–1.29)
Yamagata	1973	1.15 (1.0–1.32)
Yamagata	1974	1.11 (0.98–1.26)
Yamagata	1975	1.07 (0.95–1.19)
Yamagata	1976	1.05 (0.95–1.16)
Yamagata	1977	1.04 (0.96–1.12)
Yamagata	1978	1.03 (0.97–1.09)
Yamagata	1979	1.01 (0.97–1.05)
Yamagata	1980	1.0 (0.98–1.03)
Yamagata	1981	1.01 (0.99–1.04)
Yamagata	1982	1.0 (0.97–1.02)
Yamagata	1983	1.0 (0.97–1.02)
Yamagata	1984	1.01 (0.98–1.03)
Yamagata	1985	0.98 (0.95–1.01)
Yamagata	1986	0.99 (0.96–1.02)
Yamagata	1987	0.98 (0.95–1.01)
Yamagata	1988	0.98 (0.95–1.01)
Yamagata	1989	0.97 (0.94–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Yamagata	1990	1.01 (0.97–1.04)
Yamagata	1991	0.99 (0.96–1.02)
Yamagata	1992	1.02 (0.99–1.05)
Yamagata	1993	1.02 (0.99–1.06)
Yamagata	1994	1.03 (0.99–1.06)
Yamagata	1995	1.03 (0.99–1.06)
Yamagata	1996	0.99 (0.96–1.02)
Yamagata	1997	0.99 (0.96–1.03)
Yamagata	1998	1.03 (1.0–1.07)
Yamagata	1999	0.99 (0.96–1.03)
Yamagata	2000	0.99 (0.95–1.02)
Yamagata	2001	0.97 (0.93–1.01)
Yamagata	2002	0.98 (0.94–1.02)
Yamagata	2003	0.98 (0.94–1.02)
Yamagata	2004	0.98 (0.94–1.02)
Yamagata	2005	0.99 (0.95–1.03)
Yamagata	2006	0.99 (0.95–1.03)
Yamagata	2007	0.99 (0.94–1.03)
Yamagata	2008	1.0 (0.97–1.04)
Yamagata	2009	0.98 (0.93–1.02)
Yamagata	2010	0.99 (0.95–1.04)
Yamagata	2011	1.0 (0.97–1.03)
Yamagata	2012	1.01 (0.96–1.06)
Yamagata	2013	0.99 (0.93–1.04)
Yamagata	2014	0.99 (0.95–1.04)
Yamagata	2015	0.97 (0.93–1.02)
Yamagata	2016	0.97 (0.86–1.09)
Yamagata	2017	0.96 (0.81–1.13)
Yamaguchi	1950	1.61 (1.33–1.93)
Yamaguchi	1951	1.59 (1.31–1.89)
Yamaguchi	1952	1.41 (1.17–1.67)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Yamaguchi	1953	1.42 (1.18–1.67)
Yamaguchi	1954	1.37 (1.15–1.61)
Yamaguchi	1955	1.26 (1.07–1.48)
Yamaguchi	1956	1.33 (1.12–1.55)
Yamaguchi	1957	1.37 (1.16–1.59)
Yamaguchi	1958	1.3 (1.1–1.51)
Yamaguchi	1959	1.31 (1.11–1.53)
Yamaguchi	1960	1.28 (1.07–1.49)
Yamaguchi	1961	1.27 (1.07–1.49)
Yamaguchi	1962	1.27 (1.05–1.51)
Yamaguchi	1963	1.19 (0.97–1.41)
Yamaguchi	1964	1.14 (0.93–1.36)
Yamaguchi	1965	1.1 (0.89–1.32)
Yamaguchi	1966	1.05 (0.86–1.25)
Yamaguchi	1967	1.15 (0.95–1.37)
Yamaguchi	1968	1.07 (0.89–1.27)
Yamaguchi	1969	1.12 (0.94–1.31)
Yamaguchi	1970	1.13 (0.95–1.32)
Yamaguchi	1971	1.11 (0.95–1.3)
Yamaguchi	1972	1.11 (0.96–1.29)
Yamaguchi	1973	1.15 (1.0–1.32)
Yamaguchi	1974	1.11 (0.98–1.26)
Yamaguchi	1975	1.07 (0.95–1.19)
Yamaguchi	1976	1.05 (0.95–1.16)
Yamaguchi	1977	1.04 (0.96–1.12)
Yamaguchi	1978	1.03 (0.97–1.09)
Yamaguchi	1979	1.01 (0.97–1.05)
Yamaguchi	1980	1.0 (0.98–1.03)
Yamaguchi	1981	1.01 (0.99–1.04)
Yamaguchi	1982	1.0 (0.97–1.02)
Yamaguchi	1983	1.0 (0.97–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Yamaguchi	1984	1.01 (0.98–1.03)
Yamaguchi	1985	0.98 (0.95–1.01)
Yamaguchi	1986	0.99 (0.96–1.02)
Yamaguchi	1987	0.98 (0.95–1.01)
Yamaguchi	1988	0.98 (0.95–1.01)
Yamaguchi	1989	0.97 (0.94–1.0)
Yamaguchi	1990	1.01 (0.97–1.03)
Yamaguchi	1991	0.99 (0.96–1.02)
Yamaguchi	1992	1.02 (0.99–1.05)
Yamaguchi	1993	1.02 (0.99–1.06)
Yamaguchi	1994	1.03 (0.99–1.06)
Yamaguchi	1995	1.03 (0.99–1.06)
Yamaguchi	1996	0.99 (0.96–1.02)
Yamaguchi	1997	0.99 (0.96–1.03)
Yamaguchi	1998	1.03 (1.0–1.07)
Yamaguchi	1999	0.99 (0.96–1.03)
Yamaguchi	2000	0.99 (0.95–1.02)
Yamaguchi	2001	0.97 (0.93–1.01)
Yamaguchi	2002	0.98 (0.94–1.02)
Yamaguchi	2003	0.98 (0.94–1.02)
Yamaguchi	2004	0.98 (0.94–1.02)
Yamaguchi	2005	0.99 (0.95–1.03)
Yamaguchi	2006	0.99 (0.95–1.03)
Yamaguchi	2007	0.99 (0.94–1.03)
Yamaguchi	2008	1.0 (0.97–1.04)
Yamaguchi	2009	0.98 (0.93–1.02)
Yamaguchi	2010	0.99 (0.95–1.04)
Yamaguchi	2011	1.0 (0.97–1.03)
Yamaguchi	2012	1.01 (0.96–1.06)
Yamaguchi	2013	0.99 (0.93–1.04)
Yamaguchi	2014	0.99 (0.95–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Yamaguchi	2015	0.97 (0.93–1.02)
Yamaguchi	2016	0.97 (0.86–1.09)
Yamaguchi	2017	0.96 (0.81–1.13)
Yamanashi	1950	1.61 (1.33–1.93)
Yamanashi	1951	1.59 (1.31–1.9)
Yamanashi	1952	1.41 (1.17–1.67)
Yamanashi	1953	1.42 (1.18–1.68)
Yamanashi	1954	1.37 (1.15–1.61)
Yamanashi	1955	1.26 (1.07–1.48)
Yamanashi	1956	1.33 (1.12–1.56)
Yamanashi	1957	1.37 (1.16–1.6)
Yamanashi	1958	1.3 (1.1–1.52)
Yamanashi	1959	1.31 (1.11–1.53)
Yamanashi	1960	1.28 (1.07–1.49)
Yamanashi	1961	1.27 (1.07–1.5)
Yamanashi	1962	1.27 (1.05–1.51)
Yamanashi	1963	1.19 (0.97–1.41)
Yamanashi	1964	1.14 (0.93–1.36)
Yamanashi	1965	1.1 (0.89–1.32)
Yamanashi	1966	1.05 (0.86–1.25)
Yamanashi	1967	1.15 (0.95–1.37)
Yamanashi	1968	1.07 (0.89–1.27)
Yamanashi	1969	1.12 (0.94–1.31)
Yamanashi	1970	1.13 (0.95–1.32)
Yamanashi	1971	1.11 (0.95–1.3)
Yamanashi	1972	1.11 (0.95–1.29)
Yamanashi	1973	1.15 (1.0–1.32)
Yamanashi	1974	1.11 (0.98–1.26)
Yamanashi	1975	1.07 (0.95–1.19)
Yamanashi	1976	1.05 (0.95–1.16)
Yamanashi	1977	1.04 (0.96–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Yamanashi	1978	1.03 (0.97-1.09)
Yamanashi	1979	1.01 (0.97-1.05)
Yamanashi	1980	1.0 (0.98-1.03)
Yamanashi	1981	1.01 (0.99-1.04)
Yamanashi	1982	1.0 (0.97-1.02)
Yamanashi	1983	1.0 (0.97-1.02)
Yamanashi	1984	1.01 (0.98-1.03)
Yamanashi	1985	0.98 (0.95-1.01)
Yamanashi	1986	0.99 (0.96-1.02)
Yamanashi	1987	0.98 (0.95-1.01)
Yamanashi	1988	0.98 (0.95-1.01)
Yamanashi	1989	0.97 (0.94-1.0)
Yamanashi	1990	1.01 (0.97-1.03)
Yamanashi	1991	0.99 (0.96-1.02)
Yamanashi	1992	1.02 (0.99-1.05)
Yamanashi	1993	1.02 (0.99-1.06)
Yamanashi	1994	1.03 (0.99-1.06)
Yamanashi	1995	1.03 (0.99-1.06)
Yamanashi	1996	0.99 (0.96-1.02)
Yamanashi	1997	0.99 (0.96-1.03)
Yamanashi	1998	1.03 (1.0-1.07)
Yamanashi	1999	0.99 (0.96-1.03)
Yamanashi	2000	0.99 (0.95-1.02)
Yamanashi	2001	0.97 (0.93-1.01)
Yamanashi	2002	0.98 (0.94-1.02)
Yamanashi	2003	0.98 (0.94-1.02)
Yamanashi	2004	0.98 (0.94-1.02)
Yamanashi	2005	0.99 (0.95-1.03)
Yamanashi	2006	0.99 (0.95-1.03)
Yamanashi	2007	0.99 (0.94-1.03)
Yamanashi	2008	1.0 (0.97-1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Yamanashi	2009	0.98 (0.93–1.02)
Yamanashi	2010	0.99 (0.95–1.04)
Yamanashi	2011	1.0 (0.97–1.03)
Yamanashi	2012	1.01 (0.96–1.06)
Yamanashi	2013	0.99 (0.93–1.04)
Yamanashi	2014	0.99 (0.95–1.04)
Yamanashi	2015	0.97 (0.93–1.02)
Yamanashi	2016	0.97 (0.86–1.09)
Yamanashi	2017	0.96 (0.81–1.13)
United States	1950	1.0 (1.0–1.0)
United States	1951	1.0 (1.0–1.0)
United States	1952	1.0 (1.0–1.0)
United States	1953	1.0 (1.0–1.0)
United States	1954	1.0 (1.0–1.0)
United States	1955	1.0 (1.0–1.0)
United States	1956	1.0 (1.0–1.0)
United States	1957	1.0 (1.0–1.0)
United States	1958	1.0 (1.0–1.0)
United States	1959	1.0 (1.0–1.0)
United States	1960	1.0 (1.0–1.0)
United States	1961	1.0 (1.0–1.0)
United States	1962	1.0 (1.0–1.0)
United States	1963	1.0 (1.0–1.0)
United States	1964	1.0 (1.0–1.0)
United States	1965	1.0 (1.0–1.0)
United States	1966	1.0 (1.0–1.0)
United States	1967	1.0 (1.0–1.0)
United States	1968	1.0 (1.0–1.0)
United States	1969	1.0 (1.0–1.0)
United States	1970	1.0 (1.0–1.0)
United States	1971	1.0 (1.0–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
United States	1972	1.0 (1.0-1.0)
United States	1973	1.0 (1.0-1.0)
United States	1974	1.0 (1.0-1.0)
United States	1975	1.0 (1.0-1.0)
United States	1976	1.0 (1.0-1.0)
United States	1977	1.0 (1.0-1.0)
United States	1978	1.0 (1.0-1.0)
United States	1979	1.0 (1.0-1.0)
United States	1980	1.0 (1.0-1.0)
United States	1981	1.0 (1.0-1.0)
United States	1982	1.0 (1.0-1.0)
United States	1983	1.0 (1.0-1.0)
United States	1984	1.0 (1.0-1.0)
United States	1985	1.0 (1.0-1.0)
United States	1986	1.0 (1.0-1.0)
United States	1987	1.0 (1.0-1.0)
United States	1988	1.0 (1.0-1.0)
United States	1989	1.0 (1.0-1.0)
United States	1990	1.0 (1.0-1.0)
United States	1991	1.0 (1.0-1.0)
United States	1992	1.0 (1.0-1.0)
United States	1993	1.0 (1.0-1.0)
United States	1994	1.0 (1.0-1.0)
United States	1995	1.0 (1.0-1.0)
United States	1996	1.0 (1.0-1.0)
United States	1997	1.0 (1.0-1.0)
United States	1998	1.0 (1.0-1.0)
United States	1999	1.0 (1.0-1.0)
United States	2000	1.0 (1.0-1.0)
United States	2001	1.0 (1.0-1.0)
United States	2002	1.0 (1.0-1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
United States	2003	1.0 (1.0–1.0)
United States	2004	1.0 (1.0–1.0)
United States	2005	1.0 (1.0–1.0)
United States	2006	1.0 (1.0–1.0)
United States	2007	1.0 (1.0–1.0)
United States	2008	1.0 (1.0–1.0)
United States	2009	1.0 (1.0–1.0)
United States	2010	1.0 (1.0–1.0)
United States	2011	1.0 (1.0–1.0)
United States	2012	1.0 (1.0–1.0)
United States	2013	1.0 (1.0–1.0)
United States	2014	1.0 (1.0–1.0)
United States	2015	1.0 (1.0–1.0)
United States	2016	1.0 (1.0–1.0)
United States	2017	1.0 (1.0–1.0)
Alabama	1950	0.81 (0.67–0.97)
Alabama	1951	0.86 (0.71–1.01)
Alabama	1952	0.87 (0.74–1.02)
Alabama	1953	0.87 (0.73–1.02)
Alabama	1954	0.86 (0.72–1.0)
Alabama	1955	0.87 (0.73–1.01)
Alabama	1956	0.89 (0.77–1.02)
Alabama	1957	0.93 (0.83–1.03)
Alabama	1958	0.96 (0.91–1.02)
Alabama	1959	1.0 (0.99–1.01)
Alabama	1960	1.0 (0.99–1.01)
Alabama	1961	1.0 (0.99–1.01)
Alabama	1962	1.0 (0.99–1.01)
Alabama	1963	1.01 (0.99–1.02)
Alabama	1964	1.0 (0.99–1.01)
Alabama	1965	1.0 (0.98–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Alabama	1966	1.0 (0.98–1.02)
Alabama	1967	1.0 (0.98–1.01)
Alabama	1968	1.0 (0.98–1.01)
Alabama	1969	1.0 (0.99–1.02)
Alabama	1970	1.01 (0.99–1.02)
Alabama	1971	1.0 (0.98–1.01)
Alabama	1972	1.0 (0.99–1.01)
Alabama	1973	1.0 (0.99–1.02)
Alabama	1974	1.0 (0.99–1.02)
Alabama	1975	1.0 (0.98–1.01)
Alabama	1976	1.0 (0.99–1.02)
Alabama	1977	1.0 (0.98–1.01)
Alabama	1978	1.0 (0.99–1.01)
Alabama	1979	1.0 (0.99–1.01)
Alabama	1980	1.0 (0.99–1.01)
Alabama	1981	1.0 (0.98–1.01)
Alabama	1982	1.0 (0.99–1.01)
Alabama	1983	1.0 (0.98–1.01)
Alabama	1984	1.0 (0.98–1.01)
Alabama	1985	1.0 (0.99–1.02)
Alabama	1986	1.0 (0.99–1.01)
Alabama	1987	1.0 (0.99–1.01)
Alabama	1988	1.0 (0.99–1.02)
Alabama	1989	1.01 (0.99–1.02)
Alabama	1990	1.0 (0.98–1.01)
Alabama	1991	1.0 (0.99–1.01)
Alabama	1992	0.99 (0.98–1.01)
Alabama	1993	1.0 (0.99–1.02)
Alabama	1994	1.0 (0.99–1.02)
Alabama	1995	0.99 (0.98–1.01)
Alabama	1996	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Alabama	1997	1.0 (0.98–1.02)
Alabama	1998	1.01 (0.99–1.02)
Alabama	1999	1.0 (0.99–1.01)
Alabama	2000	1.0 (0.99–1.01)
Alabama	2001	0.99 (0.98–1.01)
Alabama	2002	1.0 (0.98–1.02)
Alabama	2003	1.0 (0.98–1.02)
Alabama	2004	1.0 (0.98–1.01)
Alabama	2005	1.0 (0.99–1.01)
Alabama	2006	1.0 (0.98–1.02)
Alabama	2007	1.01 (0.99–1.02)
Alabama	2008	1.0 (0.99–1.02)
Alabama	2009	1.0 (0.98–1.01)
Alabama	2010	0.99 (0.98–1.01)
Alabama	2011	1.0 (0.98–1.02)
Alabama	2012	1.0 (0.98–1.02)
Alabama	2013	1.0 (0.98–1.02)
Alabama	2014	1.0 (0.98–1.02)
Alabama	2015	1.0 (0.98–1.03)
Alabama	2016	1.03 (0.93–1.13)
Alabama	2017	1.02 (0.87–1.18)
Alaska	1950	0.81 (0.67–0.97)
Alaska	1951	0.86 (0.71–1.01)
Alaska	1952	0.87 (0.74–1.02)
Alaska	1953	0.87 (0.73–1.02)
Alaska	1954	0.86 (0.72–1.0)
Alaska	1955	0.87 (0.73–1.01)
Alaska	1956	0.89 (0.77–1.02)
Alaska	1957	0.93 (0.83–1.03)
Alaska	1958	0.96 (0.91–1.02)
Alaska	1959	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Alaska	1960	1.0 (0.99–1.01)
Alaska	1961	1.0 (0.99–1.01)
Alaska	1962	1.0 (0.99–1.01)
Alaska	1963	1.01 (0.99–1.02)
Alaska	1964	1.0 (0.99–1.01)
Alaska	1965	1.0 (0.98–1.02)
Alaska	1966	1.0 (0.98–1.02)
Alaska	1967	1.0 (0.98–1.01)
Alaska	1968	1.0 (0.98–1.01)
Alaska	1969	1.0 (0.99–1.02)
Alaska	1970	1.01 (0.99–1.02)
Alaska	1971	1.0 (0.98–1.01)
Alaska	1972	1.0 (0.99–1.01)
Alaska	1973	1.0 (0.99–1.02)
Alaska	1974	1.0 (0.99–1.02)
Alaska	1975	1.0 (0.98–1.01)
Alaska	1976	1.0 (0.99–1.02)
Alaska	1977	1.0 (0.98–1.01)
Alaska	1978	1.0 (0.99–1.01)
Alaska	1979	1.0 (0.99–1.01)
Alaska	1980	1.0 (0.99–1.01)
Alaska	1981	1.0 (0.98–1.01)
Alaska	1982	1.0 (0.99–1.01)
Alaska	1983	1.0 (0.98–1.01)
Alaska	1984	1.0 (0.98–1.01)
Alaska	1985	1.0 (0.99–1.02)
Alaska	1986	1.0 (0.99–1.01)
Alaska	1987	1.0 (0.99–1.01)
Alaska	1988	1.0 (0.99–1.02)
Alaska	1989	1.01 (0.99–1.02)
Alaska	1990	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Alaska	1991	1.0 (0.99–1.01)
Alaska	1992	0.99 (0.98–1.01)
Alaska	1993	1.0 (0.99–1.02)
Alaska	1994	1.0 (0.99–1.02)
Alaska	1995	0.99 (0.98–1.01)
Alaska	1996	1.0 (0.98–1.01)
Alaska	1997	1.0 (0.98–1.02)
Alaska	1998	1.01 (0.99–1.02)
Alaska	1999	1.0 (0.99–1.01)
Alaska	2000	1.0 (0.99–1.01)
Alaska	2001	0.99 (0.98–1.01)
Alaska	2002	1.0 (0.98–1.02)
Alaska	2003	1.0 (0.98–1.02)
Alaska	2004	1.0 (0.98–1.01)
Alaska	2005	1.0 (0.99–1.01)
Alaska	2006	1.0 (0.98–1.02)
Alaska	2007	1.01 (0.99–1.02)
Alaska	2008	1.0 (0.99–1.02)
Alaska	2009	1.0 (0.98–1.01)
Alaska	2010	0.99 (0.97–1.01)
Alaska	2011	1.0 (0.98–1.02)
Alaska	2012	1.0 (0.98–1.02)
Alaska	2013	1.0 (0.98–1.02)
Alaska	2014	1.0 (0.98–1.02)
Alaska	2015	1.0 (0.98–1.03)
Alaska	2016	1.03 (0.93–1.13)
Alaska	2017	1.02 (0.87–1.18)
Arizona	1950	0.81 (0.67–0.97)
Arizona	1951	0.86 (0.71–1.01)
Arizona	1952	0.87 (0.74–1.02)
Arizona	1953	0.87 (0.74–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Arizona	1954	0.86 (0.72–1.0)
Arizona	1955	0.87 (0.73–1.01)
Arizona	1956	0.89 (0.77–1.02)
Arizona	1957	0.93 (0.83–1.03)
Arizona	1958	0.96 (0.91–1.02)
Arizona	1959	1.0 (0.99–1.01)
Arizona	1960	1.0 (0.99–1.01)
Arizona	1961	1.0 (0.99–1.01)
Arizona	1962	1.0 (0.99–1.01)
Arizona	1963	1.01 (0.99–1.02)
Arizona	1964	1.0 (0.99–1.01)
Arizona	1965	1.0 (0.98–1.02)
Arizona	1966	1.0 (0.98–1.02)
Arizona	1967	1.0 (0.98–1.01)
Arizona	1968	1.0 (0.98–1.01)
Arizona	1969	1.0 (0.99–1.02)
Arizona	1970	1.01 (0.99–1.02)
Arizona	1971	1.0 (0.98–1.01)
Arizona	1972	1.0 (0.99–1.01)
Arizona	1973	1.0 (0.99–1.02)
Arizona	1974	1.0 (0.99–1.02)
Arizona	1975	1.0 (0.98–1.01)
Arizona	1976	1.0 (0.99–1.02)
Arizona	1977	1.0 (0.98–1.01)
Arizona	1978	1.0 (0.99–1.01)
Arizona	1979	1.0 (0.99–1.01)
Arizona	1980	1.0 (0.99–1.01)
Arizona	1981	1.0 (0.98–1.01)
Arizona	1982	1.0 (0.99–1.01)
Arizona	1983	1.0 (0.98–1.01)
Arizona	1984	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Arizona	1985	1.0 (0.99–1.02)
Arizona	1986	1.0 (0.99–1.01)
Arizona	1987	1.0 (0.99–1.01)
Arizona	1988	1.0 (0.99–1.02)
Arizona	1989	1.01 (0.99–1.02)
Arizona	1990	1.0 (0.98–1.01)
Arizona	1991	1.0 (0.99–1.01)
Arizona	1992	0.99 (0.98–1.01)
Arizona	1993	1.0 (0.99–1.02)
Arizona	1994	1.0 (0.99–1.02)
Arizona	1995	0.99 (0.98–1.01)
Arizona	1996	1.0 (0.98–1.01)
Arizona	1997	1.0 (0.98–1.02)
Arizona	1998	1.01 (0.99–1.02)
Arizona	1999	1.0 (0.99–1.01)
Arizona	2000	1.0 (0.99–1.01)
Arizona	2001	0.99 (0.98–1.01)
Arizona	2002	1.0 (0.98–1.02)
Arizona	2003	1.0 (0.98–1.02)
Arizona	2004	1.0 (0.98–1.01)
Arizona	2005	1.0 (0.99–1.01)
Arizona	2006	1.0 (0.98–1.02)
Arizona	2007	1.01 (0.99–1.02)
Arizona	2008	1.0 (0.99–1.02)
Arizona	2009	1.0 (0.98–1.01)
Arizona	2010	0.99 (0.97–1.01)
Arizona	2011	1.0 (0.98–1.02)
Arizona	2012	1.0 (0.98–1.02)
Arizona	2013	1.0 (0.98–1.02)
Arizona	2014	1.0 (0.98–1.02)
Arizona	2015	1.0 (0.98–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Arizona	2016	1.03 (0.93–1.13)
Arizona	2017	1.02 (0.87–1.18)
Arkansas	1950	0.81 (0.67–0.97)
Arkansas	1951	0.86 (0.71–1.01)
Arkansas	1952	0.87 (0.74–1.02)
Arkansas	1953	0.87 (0.73–1.02)
Arkansas	1954	0.85 (0.71–1.0)
Arkansas	1955	0.87 (0.73–1.01)
Arkansas	1956	0.89 (0.77–1.02)
Arkansas	1957	0.93 (0.83–1.03)
Arkansas	1958	0.96 (0.91–1.02)
Arkansas	1959	1.0 (0.99–1.01)
Arkansas	1960	1.0 (0.99–1.01)
Arkansas	1961	1.0 (0.99–1.01)
Arkansas	1962	1.0 (0.99–1.01)
Arkansas	1963	1.01 (0.99–1.02)
Arkansas	1964	1.0 (0.99–1.01)
Arkansas	1965	1.0 (0.98–1.02)
Arkansas	1966	1.0 (0.98–1.02)
Arkansas	1967	1.0 (0.98–1.01)
Arkansas	1968	1.0 (0.98–1.01)
Arkansas	1969	1.0 (0.99–1.02)
Arkansas	1970	1.01 (0.99–1.02)
Arkansas	1971	1.0 (0.98–1.01)
Arkansas	1972	1.0 (0.99–1.01)
Arkansas	1973	1.0 (0.99–1.02)
Arkansas	1974	1.0 (0.99–1.02)
Arkansas	1975	1.0 (0.98–1.01)
Arkansas	1976	1.0 (0.99–1.02)
Arkansas	1977	1.0 (0.98–1.01)
Arkansas	1978	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Arkansas	1979	1.0 (0.99–1.01)
Arkansas	1980	1.0 (0.99–1.01)
Arkansas	1981	1.0 (0.98–1.01)
Arkansas	1982	1.0 (0.99–1.01)
Arkansas	1983	1.0 (0.98–1.01)
Arkansas	1984	1.0 (0.98–1.01)
Arkansas	1985	1.0 (0.99–1.02)
Arkansas	1986	1.0 (0.99–1.01)
Arkansas	1987	1.0 (0.99–1.01)
Arkansas	1988	1.0 (0.99–1.02)
Arkansas	1989	1.01 (0.99–1.02)
Arkansas	1990	1.0 (0.98–1.01)
Arkansas	1991	1.0 (0.99–1.01)
Arkansas	1992	0.99 (0.98–1.01)
Arkansas	1993	1.0 (0.99–1.02)
Arkansas	1994	1.0 (0.99–1.02)
Arkansas	1995	0.99 (0.98–1.01)
Arkansas	1996	1.0 (0.98–1.01)
Arkansas	1997	1.0 (0.98–1.02)
Arkansas	1998	1.01 (0.99–1.02)
Arkansas	1999	1.0 (0.99–1.01)
Arkansas	2000	1.0 (0.99–1.01)
Arkansas	2001	0.99 (0.98–1.01)
Arkansas	2002	1.0 (0.98–1.02)
Arkansas	2003	1.0 (0.98–1.02)
Arkansas	2004	1.0 (0.98–1.01)
Arkansas	2005	1.0 (0.99–1.01)
Arkansas	2006	1.0 (0.98–1.02)
Arkansas	2007	1.01 (0.99–1.02)
Arkansas	2008	1.0 (0.99–1.02)
Arkansas	2009	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Arkansas	2010	0.99 (0.97–1.01)
Arkansas	2011	1.0 (0.98–1.02)
Arkansas	2012	1.0 (0.98–1.02)
Arkansas	2013	1.0 (0.98–1.02)
Arkansas	2014	1.0 (0.98–1.02)
Arkansas	2015	1.0 (0.98–1.03)
Arkansas	2016	1.03 (0.93–1.13)
Arkansas	2017	1.02 (0.87–1.18)
California	1950	0.81 (0.67–0.97)
California	1951	0.86 (0.71–1.01)
California	1952	0.87 (0.74–1.02)
California	1953	0.87 (0.73–1.02)
California	1954	0.85 (0.71–1.0)
California	1955	0.87 (0.73–1.01)
California	1956	0.89 (0.77–1.02)
California	1957	0.93 (0.83–1.03)
California	1958	0.96 (0.9–1.02)
California	1959	1.0 (0.99–1.01)
California	1960	1.0 (0.99–1.01)
California	1961	1.0 (0.99–1.01)
California	1962	1.0 (0.99–1.01)
California	1963	1.01 (0.99–1.02)
California	1964	1.0 (0.99–1.01)
California	1965	1.0 (0.98–1.02)
California	1966	1.0 (0.98–1.02)
California	1967	1.0 (0.98–1.01)
California	1968	1.0 (0.98–1.01)
California	1969	1.0 (0.99–1.02)
California	1970	1.01 (0.99–1.02)
California	1971	1.0 (0.98–1.01)
California	1972	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
California	1973	1.0 (0.99–1.02)
California	1974	1.0 (0.99–1.02)
California	1975	1.0 (0.98–1.01)
California	1976	1.0 (0.99–1.02)
California	1977	1.0 (0.98–1.01)
California	1978	1.0 (0.99–1.01)
California	1979	1.0 (0.99–1.01)
California	1980	1.0 (0.99–1.01)
California	1981	1.0 (0.98–1.01)
California	1982	1.0 (0.99–1.01)
California	1983	1.0 (0.98–1.01)
California	1984	1.0 (0.98–1.01)
California	1985	1.0 (0.99–1.02)
California	1986	1.0 (0.99–1.01)
California	1987	1.0 (0.99–1.01)
California	1988	1.0 (0.99–1.02)
California	1989	1.01 (0.99–1.02)
California	1990	1.0 (0.98–1.01)
California	1991	1.0 (0.99–1.01)
California	1992	0.99 (0.98–1.01)
California	1993	1.0 (0.99–1.02)
California	1994	1.0 (0.99–1.02)
California	1995	0.99 (0.98–1.01)
California	1996	1.0 (0.98–1.01)
California	1997	1.0 (0.98–1.02)
California	1998	1.01 (0.99–1.02)
California	1999	1.0 (0.99–1.01)
California	2000	1.0 (0.99–1.01)
California	2001	0.99 (0.98–1.01)
California	2002	1.0 (0.98–1.02)
California	2003	1.0 (0.98–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
California	2004	1.0 (0.98–1.01)
California	2005	1.0 (0.99–1.01)
California	2006	1.0 (0.98–1.02)
California	2007	1.01 (0.99–1.02)
California	2008	1.0 (0.99–1.02)
California	2009	1.0 (0.98–1.01)
California	2010	0.99 (0.97–1.01)
California	2011	1.0 (0.98–1.02)
California	2012	1.0 (0.98–1.02)
California	2013	1.0 (0.98–1.02)
California	2014	1.0 (0.98–1.02)
California	2015	1.0 (0.98–1.03)
California	2016	1.03 (0.93–1.13)
California	2017	1.02 (0.87–1.18)
Colorado	1950	0.81 (0.67–0.97)
Colorado	1951	0.86 (0.71–1.01)
Colorado	1952	0.87 (0.74–1.02)
Colorado	1953	0.87 (0.73–1.02)
Colorado	1954	0.85 (0.71–1.0)
Colorado	1955	0.87 (0.73–1.01)
Colorado	1956	0.89 (0.77–1.02)
Colorado	1957	0.93 (0.83–1.03)
Colorado	1958	0.96 (0.91–1.02)
Colorado	1959	1.0 (0.99–1.01)
Colorado	1960	1.0 (0.99–1.01)
Colorado	1961	1.0 (0.99–1.01)
Colorado	1962	1.0 (0.99–1.01)
Colorado	1963	1.01 (0.99–1.02)
Colorado	1964	1.0 (0.99–1.01)
Colorado	1965	1.0 (0.98–1.02)
Colorado	1966	1.0 (0.98–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Colorado	1967	1.0 (0.98–1.01)
Colorado	1968	1.0 (0.98–1.01)
Colorado	1969	1.0 (0.99–1.02)
Colorado	1970	1.01 (0.99–1.02)
Colorado	1971	1.0 (0.98–1.01)
Colorado	1972	1.0 (0.99–1.01)
Colorado	1973	1.0 (0.99–1.02)
Colorado	1974	1.0 (0.99–1.02)
Colorado	1975	1.0 (0.98–1.01)
Colorado	1976	1.0 (0.99–1.02)
Colorado	1977	1.0 (0.98–1.01)
Colorado	1978	1.0 (0.99–1.01)
Colorado	1979	1.0 (0.99–1.01)
Colorado	1980	1.0 (0.99–1.01)
Colorado	1981	1.0 (0.98–1.01)
Colorado	1982	1.0 (0.99–1.01)
Colorado	1983	1.0 (0.98–1.01)
Colorado	1984	1.0 (0.98–1.01)
Colorado	1985	1.0 (0.99–1.02)
Colorado	1986	1.0 (0.99–1.01)
Colorado	1987	1.0 (0.99–1.01)
Colorado	1988	1.0 (0.99–1.02)
Colorado	1989	1.01 (0.99–1.02)
Colorado	1990	1.0 (0.98–1.01)
Colorado	1991	1.0 (0.99–1.01)
Colorado	1992	0.99 (0.98–1.01)
Colorado	1993	1.0 (0.99–1.02)
Colorado	1994	1.0 (0.99–1.02)
Colorado	1995	0.99 (0.98–1.01)
Colorado	1996	1.0 (0.98–1.01)
Colorado	1997	1.0 (0.98–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Colorado	1998	1.01 (0.99–1.02)
Colorado	1999	1.0 (0.99–1.01)
Colorado	2000	1.0 (0.99–1.01)
Colorado	2001	0.99 (0.98–1.01)
Colorado	2002	1.0 (0.98–1.02)
Colorado	2003	1.0 (0.98–1.02)
Colorado	2004	1.0 (0.98–1.01)
Colorado	2005	1.0 (0.99–1.01)
Colorado	2006	1.0 (0.98–1.02)
Colorado	2007	1.01 (0.99–1.02)
Colorado	2008	1.0 (0.99–1.02)
Colorado	2009	1.0 (0.98–1.01)
Colorado	2010	0.99 (0.97–1.01)
Colorado	2011	1.0 (0.98–1.02)
Colorado	2012	1.0 (0.98–1.02)
Colorado	2013	1.0 (0.98–1.02)
Colorado	2014	1.0 (0.98–1.02)
Colorado	2015	1.0 (0.98–1.03)
Colorado	2016	1.03 (0.93–1.13)
Colorado	2017	1.02 (0.87–1.18)
Connecticut	1950	0.81 (0.67–0.97)
Connecticut	1951	0.86 (0.71–1.01)
Connecticut	1952	0.87 (0.74–1.02)
Connecticut	1953	0.87 (0.73–1.02)
Connecticut	1954	0.85 (0.71–1.0)
Connecticut	1955	0.87 (0.73–1.01)
Connecticut	1956	0.89 (0.77–1.02)
Connecticut	1957	0.93 (0.83–1.03)
Connecticut	1958	0.96 (0.9–1.02)
Connecticut	1959	1.0 (0.99–1.01)
Connecticut	1960	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Connecticut	1961	1.0 (0.99–1.01)
Connecticut	1962	1.0 (0.99–1.01)
Connecticut	1963	1.01 (0.99–1.02)
Connecticut	1964	1.0 (0.99–1.01)
Connecticut	1965	1.0 (0.98–1.02)
Connecticut	1966	1.0 (0.98–1.02)
Connecticut	1967	1.0 (0.98–1.01)
Connecticut	1968	1.0 (0.98–1.01)
Connecticut	1969	1.0 (0.99–1.02)
Connecticut	1970	1.01 (0.99–1.02)
Connecticut	1971	1.0 (0.98–1.01)
Connecticut	1972	1.0 (0.99–1.01)
Connecticut	1973	1.0 (0.99–1.02)
Connecticut	1974	1.0 (0.99–1.02)
Connecticut	1975	1.0 (0.98–1.01)
Connecticut	1976	1.0 (0.99–1.02)
Connecticut	1977	1.0 (0.98–1.01)
Connecticut	1978	1.0 (0.99–1.01)
Connecticut	1979	1.0 (0.99–1.01)
Connecticut	1980	1.0 (0.99–1.01)
Connecticut	1981	1.0 (0.98–1.01)
Connecticut	1982	1.0 (0.99–1.01)
Connecticut	1983	1.0 (0.98–1.01)
Connecticut	1984	1.0 (0.98–1.01)
Connecticut	1985	1.0 (0.99–1.02)
Connecticut	1986	1.0 (0.99–1.01)
Connecticut	1987	1.0 (0.99–1.01)
Connecticut	1988	1.0 (0.99–1.02)
Connecticut	1989	1.01 (0.99–1.02)
Connecticut	1990	1.0 (0.98–1.01)
Connecticut	1991	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Connecticut	1992	0.99 (0.98–1.01)
Connecticut	1993	1.0 (0.99–1.02)
Connecticut	1994	1.0 (0.99–1.02)
Connecticut	1995	0.99 (0.98–1.01)
Connecticut	1996	1.0 (0.98–1.01)
Connecticut	1997	1.0 (0.98–1.02)
Connecticut	1998	1.01 (0.99–1.02)
Connecticut	1999	1.0 (0.99–1.01)
Connecticut	2000	1.0 (0.99–1.01)
Connecticut	2001	0.99 (0.98–1.01)
Connecticut	2002	1.0 (0.98–1.02)
Connecticut	2003	1.0 (0.98–1.02)
Connecticut	2004	1.0 (0.98–1.01)
Connecticut	2005	1.0 (0.99–1.01)
Connecticut	2006	1.0 (0.98–1.02)
Connecticut	2007	1.01 (0.99–1.02)
Connecticut	2008	1.0 (0.99–1.02)
Connecticut	2009	1.0 (0.98–1.01)
Connecticut	2010	0.99 (0.97–1.01)
Connecticut	2011	1.0 (0.98–1.02)
Connecticut	2012	1.0 (0.98–1.02)
Connecticut	2013	1.0 (0.98–1.02)
Connecticut	2014	1.0 (0.98–1.02)
Connecticut	2015	1.0 (0.98–1.03)
Connecticut	2016	1.03 (0.93–1.13)
Connecticut	2017	1.02 (0.87–1.18)
Delaware	1950	0.81 (0.67–0.97)
Delaware	1951	0.86 (0.71–1.01)
Delaware	1952	0.87 (0.74–1.02)
Delaware	1953	0.87 (0.73–1.02)
Delaware	1954	0.85 (0.71–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Delaware	1955	0.87 (0.73–1.01)
Delaware	1956	0.89 (0.77–1.02)
Delaware	1957	0.93 (0.83–1.03)
Delaware	1958	0.96 (0.9–1.02)
Delaware	1959	1.0 (0.99–1.01)
Delaware	1960	1.0 (0.99–1.01)
Delaware	1961	1.0 (0.99–1.01)
Delaware	1962	1.0 (0.99–1.01)
Delaware	1963	1.01 (0.99–1.02)
Delaware	1964	1.0 (0.99–1.01)
Delaware	1965	1.0 (0.98–1.02)
Delaware	1966	1.0 (0.98–1.02)
Delaware	1967	1.0 (0.98–1.01)
Delaware	1968	1.0 (0.98–1.01)
Delaware	1969	1.0 (0.99–1.02)
Delaware	1970	1.01 (0.99–1.02)
Delaware	1971	1.0 (0.98–1.01)
Delaware	1972	1.0 (0.99–1.01)
Delaware	1973	1.0 (0.99–1.02)
Delaware	1974	1.0 (0.99–1.02)
Delaware	1975	1.0 (0.98–1.01)
Delaware	1976	1.0 (0.99–1.02)
Delaware	1977	1.0 (0.98–1.01)
Delaware	1978	1.0 (0.99–1.01)
Delaware	1979	1.0 (0.99–1.01)
Delaware	1980	1.0 (0.99–1.01)
Delaware	1981	1.0 (0.98–1.01)
Delaware	1982	1.0 (0.99–1.01)
Delaware	1983	1.0 (0.98–1.01)
Delaware	1984	1.0 (0.98–1.01)
Delaware	1985	1.0 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Delaware	1986	1.0 (0.99–1.01)
Delaware	1987	1.0 (0.99–1.01)
Delaware	1988	1.0 (0.99–1.02)
Delaware	1989	1.01 (0.99–1.02)
Delaware	1990	1.0 (0.98–1.01)
Delaware	1991	1.0 (0.99–1.01)
Delaware	1992	0.99 (0.98–1.01)
Delaware	1993	1.0 (0.99–1.02)
Delaware	1994	1.0 (0.99–1.02)
Delaware	1995	0.99 (0.98–1.01)
Delaware	1996	1.0 (0.98–1.01)
Delaware	1997	1.0 (0.98–1.02)
Delaware	1998	1.01 (0.99–1.02)
Delaware	1999	1.0 (0.99–1.01)
Delaware	2000	1.0 (0.99–1.01)
Delaware	2001	0.99 (0.98–1.01)
Delaware	2002	1.0 (0.98–1.02)
Delaware	2003	1.0 (0.98–1.02)
Delaware	2004	1.0 (0.98–1.01)
Delaware	2005	1.0 (0.99–1.01)
Delaware	2006	1.0 (0.98–1.02)
Delaware	2007	1.01 (0.99–1.02)
Delaware	2008	1.0 (0.99–1.02)
Delaware	2009	1.0 (0.98–1.01)
Delaware	2010	0.99 (0.97–1.01)
Delaware	2011	1.0 (0.98–1.02)
Delaware	2012	1.0 (0.98–1.02)
Delaware	2013	1.0 (0.98–1.02)
Delaware	2014	1.0 (0.98–1.02)
Delaware	2015	1.0 (0.98–1.03)
Delaware	2016	1.03 (0.93–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Delaware	2017	1.02 (0.87–1.18)
District of Columbia	1950	0.81 (0.67–0.97)
District of Columbia	1951	0.86 (0.71–1.01)
District of Columbia	1952	0.87 (0.74–1.02)
District of Columbia	1953	0.87 (0.73–1.02)
District of Columbia	1954	0.86 (0.72–1.0)
District of Columbia	1955	0.87 (0.73–1.01)
District of Columbia	1956	0.89 (0.77–1.02)
District of Columbia	1957	0.93 (0.83–1.03)
District of Columbia	1958	0.96 (0.91–1.02)
District of Columbia	1959	1.0 (0.99–1.01)
District of Columbia	1960	1.0 (0.99–1.01)
District of Columbia	1961	1.0 (0.99–1.01)
District of Columbia	1962	1.0 (0.99–1.01)
District of Columbia	1963	1.01 (0.99–1.02)
District of Columbia	1964	1.0 (0.99–1.01)
District of Columbia	1965	1.0 (0.98–1.02)
District of Columbia	1966	1.0 (0.98–1.02)
District of Columbia	1967	1.0 (0.98–1.01)
District of Columbia	1968	1.0 (0.98–1.01)
District of Columbia	1969	1.0 (0.99–1.02)
District of Columbia	1970	1.01 (0.99–1.02)
District of Columbia	1971	1.0 (0.98–1.01)
District of Columbia	1972	1.0 (0.99–1.01)
District of Columbia	1973	1.0 (0.99–1.02)
District of Columbia	1974	1.0 (0.99–1.02)
District of Columbia	1975	1.0 (0.98–1.01)
District of Columbia	1976	1.0 (0.99–1.02)
District of Columbia	1977	1.0 (0.98–1.01)
District of Columbia	1978	1.0 (0.99–1.01)
District of Columbia	1979	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
District of Columbia	1980	1.0 (0.99–1.01)
District of Columbia	1981	1.0 (0.98–1.01)
District of Columbia	1982	1.0 (0.99–1.01)
District of Columbia	1983	1.0 (0.98–1.01)
District of Columbia	1984	1.0 (0.98–1.01)
District of Columbia	1985	1.0 (0.99–1.02)
District of Columbia	1986	1.0 (0.99–1.01)
District of Columbia	1987	1.0 (0.99–1.01)
District of Columbia	1988	1.0 (0.99–1.02)
District of Columbia	1989	1.01 (0.99–1.02)
District of Columbia	1990	1.0 (0.98–1.01)
District of Columbia	1991	1.0 (0.99–1.01)
District of Columbia	1992	1.0 (0.98–1.01)
District of Columbia	1993	1.0 (0.99–1.02)
District of Columbia	1994	1.0 (0.99–1.02)
District of Columbia	1995	0.99 (0.98–1.01)
District of Columbia	1996	1.0 (0.98–1.01)
District of Columbia	1997	1.0 (0.98–1.02)
District of Columbia	1998	1.01 (0.99–1.02)
District of Columbia	1999	1.0 (0.99–1.01)
District of Columbia	2000	1.0 (0.99–1.01)
District of Columbia	2001	0.99 (0.98–1.01)
District of Columbia	2002	1.0 (0.98–1.02)
District of Columbia	2003	1.0 (0.98–1.02)
District of Columbia	2004	1.0 (0.98–1.01)
District of Columbia	2005	1.0 (0.99–1.01)
District of Columbia	2006	1.0 (0.98–1.02)
District of Columbia	2007	1.01 (0.99–1.02)
District of Columbia	2008	1.0 (0.99–1.02)
District of Columbia	2009	1.0 (0.98–1.01)
District of Columbia	2010	0.99 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
District of Columbia	2011	1.0 (0.98–1.02)
District of Columbia	2012	1.0 (0.98–1.02)
District of Columbia	2013	1.0 (0.98–1.02)
District of Columbia	2014	1.0 (0.98–1.02)
District of Columbia	2015	1.0 (0.98–1.03)
District of Columbia	2016	1.03 (0.93–1.13)
District of Columbia	2017	1.02 (0.87–1.18)
Florida	1950	0.81 (0.67–0.97)
Florida	1951	0.86 (0.71–1.01)
Florida	1952	0.87 (0.74–1.02)
Florida	1953	0.87 (0.73–1.02)
Florida	1954	0.86 (0.72–1.0)
Florida	1955	0.87 (0.73–1.01)
Florida	1956	0.89 (0.77–1.02)
Florida	1957	0.93 (0.83–1.03)
Florida	1958	0.96 (0.91–1.02)
Florida	1959	1.0 (0.99–1.01)
Florida	1960	1.0 (0.99–1.01)
Florida	1961	1.0 (0.99–1.01)
Florida	1962	1.0 (0.99–1.01)
Florida	1963	1.01 (0.99–1.02)
Florida	1964	1.0 (0.99–1.01)
Florida	1965	1.0 (0.98–1.02)
Florida	1966	1.0 (0.98–1.02)
Florida	1967	1.0 (0.98–1.01)
Florida	1968	1.0 (0.98–1.01)
Florida	1969	1.0 (0.99–1.02)
Florida	1970	1.01 (0.99–1.02)
Florida	1971	1.0 (0.98–1.01)
Florida	1972	1.0 (0.99–1.01)
Florida	1973	1.0 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Florida	1974	1.0 (0.99–1.02)
Florida	1975	1.0 (0.98–1.01)
Florida	1976	1.0 (0.99–1.02)
Florida	1977	1.0 (0.98–1.01)
Florida	1978	1.0 (0.99–1.01)
Florida	1979	1.0 (0.99–1.01)
Florida	1980	1.0 (0.99–1.01)
Florida	1981	1.0 (0.98–1.01)
Florida	1982	1.0 (0.99–1.01)
Florida	1983	1.0 (0.98–1.01)
Florida	1984	1.0 (0.98–1.01)
Florida	1985	1.0 (0.99–1.02)
Florida	1986	1.0 (0.99–1.01)
Florida	1987	1.0 (0.99–1.01)
Florida	1988	1.0 (0.99–1.02)
Florida	1989	1.01 (0.99–1.02)
Florida	1990	1.0 (0.98–1.01)
Florida	1991	1.0 (0.99–1.01)
Florida	1992	0.99 (0.98–1.01)
Florida	1993	1.0 (0.99–1.02)
Florida	1994	1.0 (0.99–1.02)
Florida	1995	0.99 (0.98–1.01)
Florida	1996	1.0 (0.98–1.01)
Florida	1997	1.0 (0.98–1.02)
Florida	1998	1.01 (0.99–1.02)
Florida	1999	1.0 (0.99–1.01)
Florida	2000	1.0 (0.99–1.01)
Florida	2001	0.99 (0.98–1.01)
Florida	2002	1.0 (0.98–1.02)
Florida	2003	1.0 (0.98–1.02)
Florida	2004	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Florida	2005	1.0 (0.99–1.01)
Florida	2006	1.0 (0.98–1.02)
Florida	2007	1.01 (0.99–1.02)
Florida	2008	1.0 (0.99–1.02)
Florida	2009	1.0 (0.98–1.01)
Florida	2010	0.99 (0.97–1.01)
Florida	2011	1.0 (0.98–1.02)
Florida	2012	1.0 (0.98–1.02)
Florida	2013	1.0 (0.98–1.02)
Florida	2014	1.0 (0.98–1.02)
Florida	2015	1.0 (0.98–1.03)
Florida	2016	1.03 (0.93–1.13)
Florida	2017	1.02 (0.87–1.18)
Georgia	1950	0.81 (0.67–0.97)
Georgia	1951	0.86 (0.71–1.01)
Georgia	1952	0.87 (0.74–1.02)
Georgia	1953	0.87 (0.73–1.02)
Georgia	1954	0.86 (0.72–1.0)
Georgia	1955	0.87 (0.73–1.01)
Georgia	1956	0.89 (0.77–1.02)
Georgia	1957	0.93 (0.83–1.03)
Georgia	1958	0.96 (0.91–1.02)
Georgia	1959	1.0 (0.99–1.01)
Georgia	1960	1.0 (0.99–1.01)
Georgia	1961	1.0 (0.99–1.01)
Georgia	1962	1.0 (0.99–1.01)
Georgia	1963	1.01 (0.99–1.02)
Georgia	1964	1.0 (0.99–1.01)
Georgia	1965	1.0 (0.98–1.02)
Georgia	1966	1.0 (0.98–1.02)
Georgia	1967	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Georgia	1968	1.0 (0.98–1.01)
Georgia	1969	1.0 (0.99–1.02)
Georgia	1970	1.01 (0.99–1.02)
Georgia	1971	1.0 (0.98–1.01)
Georgia	1972	1.0 (0.99–1.01)
Georgia	1973	1.0 (0.99–1.02)
Georgia	1974	1.0 (0.99–1.02)
Georgia	1975	1.0 (0.98–1.01)
Georgia	1976	1.0 (0.99–1.02)
Georgia	1977	1.0 (0.98–1.01)
Georgia	1978	1.0 (0.99–1.01)
Georgia	1979	1.0 (0.99–1.01)
Georgia	1980	1.0 (0.99–1.01)
Georgia	1981	1.0 (0.98–1.01)
Georgia	1982	1.0 (0.99–1.01)
Georgia	1983	1.0 (0.98–1.01)
Georgia	1984	1.0 (0.98–1.01)
Georgia	1985	1.0 (0.99–1.02)
Georgia	1986	1.0 (0.99–1.01)
Georgia	1987	1.0 (0.99–1.01)
Georgia	1988	1.0 (0.99–1.02)
Georgia	1989	1.01 (0.99–1.02)
Georgia	1990	1.0 (0.98–1.01)
Georgia	1991	1.0 (0.99–1.01)
Georgia	1992	0.99 (0.98–1.01)
Georgia	1993	1.0 (0.99–1.02)
Georgia	1994	1.0 (0.99–1.02)
Georgia	1995	0.99 (0.98–1.01)
Georgia	1996	1.0 (0.98–1.01)
Georgia	1997	1.0 (0.98–1.02)
Georgia	1998	1.01 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Georgia	1999	1.0 (0.99–1.01)
Georgia	2000	1.0 (0.99–1.01)
Georgia	2001	0.99 (0.98–1.01)
Georgia	2002	1.0 (0.98–1.02)
Georgia	2003	1.0 (0.98–1.02)
Georgia	2004	1.0 (0.98–1.01)
Georgia	2005	1.0 (0.99–1.01)
Georgia	2006	1.0 (0.98–1.02)
Georgia	2007	1.01 (0.99–1.02)
Georgia	2008	1.0 (0.99–1.02)
Georgia	2009	1.0 (0.98–1.01)
Georgia	2010	0.99 (0.97–1.01)
Georgia	2011	1.0 (0.98–1.02)
Georgia	2012	1.0 (0.98–1.02)
Georgia	2013	1.0 (0.98–1.02)
Georgia	2014	1.0 (0.98–1.02)
Georgia	2015	1.0 (0.98–1.03)
Georgia	2016	1.03 (0.93–1.13)
Georgia	2017	1.02 (0.87–1.18)
Hawaii	1950	0.81 (0.67–0.97)
Hawaii	1951	0.86 (0.71–1.01)
Hawaii	1952	0.87 (0.74–1.02)
Hawaii	1953	0.87 (0.73–1.02)
Hawaii	1954	0.85 (0.71–1.0)
Hawaii	1955	0.87 (0.73–1.01)
Hawaii	1956	0.89 (0.77–1.02)
Hawaii	1957	0.93 (0.83–1.03)
Hawaii	1958	0.96 (0.9–1.02)
Hawaii	1959	1.0 (0.99–1.01)
Hawaii	1960	1.0 (0.99–1.01)
Hawaii	1961	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hawaii	1962	1.0 (0.99–1.01)
Hawaii	1963	1.01 (0.99–1.02)
Hawaii	1964	1.0 (0.99–1.01)
Hawaii	1965	1.0 (0.98–1.02)
Hawaii	1966	1.0 (0.98–1.02)
Hawaii	1967	1.0 (0.98–1.01)
Hawaii	1968	1.0 (0.98–1.01)
Hawaii	1969	1.0 (0.99–1.02)
Hawaii	1970	1.01 (0.99–1.02)
Hawaii	1971	1.0 (0.98–1.01)
Hawaii	1972	1.0 (0.99–1.01)
Hawaii	1973	1.0 (0.99–1.02)
Hawaii	1974	1.0 (0.99–1.02)
Hawaii	1975	1.0 (0.98–1.01)
Hawaii	1976	1.0 (0.99–1.02)
Hawaii	1977	1.0 (0.98–1.01)
Hawaii	1978	1.0 (0.99–1.01)
Hawaii	1979	1.0 (0.99–1.01)
Hawaii	1980	1.0 (0.99–1.01)
Hawaii	1981	1.0 (0.98–1.01)
Hawaii	1982	1.0 (0.99–1.01)
Hawaii	1983	1.0 (0.98–1.01)
Hawaii	1984	1.0 (0.98–1.01)
Hawaii	1985	1.0 (0.99–1.02)
Hawaii	1986	1.0 (0.99–1.01)
Hawaii	1987	1.0 (0.99–1.01)
Hawaii	1988	1.0 (0.99–1.02)
Hawaii	1989	1.01 (0.99–1.02)
Hawaii	1990	1.0 (0.98–1.01)
Hawaii	1991	1.0 (0.99–1.01)
Hawaii	1992	0.99 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hawaii	1993	1.0 (0.99–1.02)
Hawaii	1994	1.0 (0.99–1.02)
Hawaii	1995	0.99 (0.98–1.01)
Hawaii	1996	1.0 (0.98–1.01)
Hawaii	1997	1.0 (0.98–1.02)
Hawaii	1998	1.01 (0.99–1.02)
Hawaii	1999	1.0 (0.99–1.01)
Hawaii	2000	1.0 (0.99–1.01)
Hawaii	2001	0.99 (0.98–1.01)
Hawaii	2002	1.0 (0.98–1.02)
Hawaii	2003	1.0 (0.98–1.02)
Hawaii	2004	1.0 (0.98–1.01)
Hawaii	2005	1.0 (0.99–1.01)
Hawaii	2006	1.0 (0.98–1.02)
Hawaii	2007	1.01 (0.99–1.02)
Hawaii	2008	1.0 (0.99–1.02)
Hawaii	2009	1.0 (0.98–1.01)
Hawaii	2010	0.99 (0.97–1.01)
Hawaii	2011	1.0 (0.98–1.02)
Hawaii	2012	1.0 (0.98–1.02)
Hawaii	2013	1.0 (0.98–1.02)
Hawaii	2014	1.0 (0.98–1.02)
Hawaii	2015	1.0 (0.98–1.03)
Hawaii	2016	1.03 (0.93–1.13)
Hawaii	2017	1.02 (0.87–1.18)
Idaho	1950	0.81 (0.67–0.97)
Idaho	1951	0.86 (0.71–1.01)
Idaho	1952	0.87 (0.74–1.02)
Idaho	1953	0.87 (0.73–1.02)
Idaho	1954	0.85 (0.71–1.0)
Idaho	1955	0.87 (0.73–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Idaho	1956	0.89 (0.77–1.02)
Idaho	1957	0.93 (0.83–1.03)
Idaho	1958	0.96 (0.9–1.02)
Idaho	1959	1.0 (0.99–1.01)
Idaho	1960	1.0 (0.99–1.01)
Idaho	1961	1.0 (0.99–1.01)
Idaho	1962	1.0 (0.99–1.01)
Idaho	1963	1.01 (0.99–1.02)
Idaho	1964	1.0 (0.99–1.01)
Idaho	1965	1.0 (0.98–1.02)
Idaho	1966	1.0 (0.98–1.02)
Idaho	1967	1.0 (0.98–1.01)
Idaho	1968	1.0 (0.98–1.01)
Idaho	1969	1.0 (0.99–1.02)
Idaho	1970	1.01 (0.99–1.02)
Idaho	1971	1.0 (0.98–1.01)
Idaho	1972	1.0 (0.99–1.01)
Idaho	1973	1.0 (0.99–1.02)
Idaho	1974	1.0 (0.99–1.02)
Idaho	1975	1.0 (0.98–1.01)
Idaho	1976	1.0 (0.99–1.02)
Idaho	1977	1.0 (0.98–1.01)
Idaho	1978	1.0 (0.99–1.01)
Idaho	1979	1.0 (0.99–1.01)
Idaho	1980	1.0 (0.99–1.01)
Idaho	1981	1.0 (0.98–1.01)
Idaho	1982	1.0 (0.99–1.01)
Idaho	1983	1.0 (0.98–1.01)
Idaho	1984	1.0 (0.98–1.01)
Idaho	1985	1.0 (0.99–1.02)
Idaho	1986	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Idaho	1987	1.0 (0.99–1.01)
Idaho	1988	1.0 (0.99–1.02)
Idaho	1989	1.01 (0.99–1.02)
Idaho	1990	1.0 (0.98–1.01)
Idaho	1991	1.0 (0.99–1.01)
Idaho	1992	0.99 (0.98–1.01)
Idaho	1993	1.0 (0.99–1.02)
Idaho	1994	1.0 (0.99–1.02)
Idaho	1995	0.99 (0.98–1.01)
Idaho	1996	1.0 (0.98–1.01)
Idaho	1997	1.0 (0.98–1.02)
Idaho	1998	1.01 (0.99–1.02)
Idaho	1999	1.0 (0.99–1.01)
Idaho	2000	1.0 (0.99–1.01)
Idaho	2001	0.99 (0.98–1.01)
Idaho	2002	1.0 (0.98–1.02)
Idaho	2003	1.0 (0.98–1.02)
Idaho	2004	1.0 (0.98–1.01)
Idaho	2005	1.0 (0.99–1.01)
Idaho	2006	1.0 (0.98–1.02)
Idaho	2007	1.01 (0.99–1.02)
Idaho	2008	1.0 (0.99–1.02)
Idaho	2009	1.0 (0.98–1.01)
Idaho	2010	0.99 (0.97–1.01)
Idaho	2011	1.0 (0.98–1.02)
Idaho	2012	1.0 (0.98–1.02)
Idaho	2013	1.0 (0.98–1.02)
Idaho	2014	1.0 (0.98–1.02)
Idaho	2015	1.0 (0.98–1.03)
Idaho	2016	1.03 (0.93–1.13)
Idaho	2017	1.02 (0.87–1.18)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Illinois	1950	0.81 (0.67–0.97)
Illinois	1951	0.86 (0.71–1.01)
Illinois	1952	0.87 (0.74–1.02)
Illinois	1953	0.87 (0.73–1.02)
Illinois	1954	0.85 (0.71–1.0)
Illinois	1955	0.87 (0.73–1.01)
Illinois	1956	0.89 (0.77–1.02)
Illinois	1957	0.93 (0.83–1.03)
Illinois	1958	0.96 (0.9–1.02)
Illinois	1959	1.0 (0.99–1.01)
Illinois	1960	1.0 (0.99–1.01)
Illinois	1961	1.0 (0.99–1.01)
Illinois	1962	1.0 (0.99–1.01)
Illinois	1963	1.01 (0.99–1.02)
Illinois	1964	1.0 (0.99–1.01)
Illinois	1965	1.0 (0.98–1.02)
Illinois	1966	1.0 (0.98–1.02)
Illinois	1967	1.0 (0.98–1.01)
Illinois	1968	1.0 (0.98–1.01)
Illinois	1969	1.0 (0.99–1.02)
Illinois	1970	1.01 (0.99–1.02)
Illinois	1971	1.0 (0.98–1.01)
Illinois	1972	1.0 (0.99–1.01)
Illinois	1973	1.0 (0.99–1.02)
Illinois	1974	1.0 (0.99–1.02)
Illinois	1975	1.0 (0.98–1.01)
Illinois	1976	1.0 (0.99–1.02)
Illinois	1977	1.0 (0.98–1.01)
Illinois	1978	1.0 (0.99–1.01)
Illinois	1979	1.0 (0.99–1.01)
Illinois	1980	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Illinois	1981	1.0 (0.98–1.01)
Illinois	1982	1.0 (0.99–1.01)
Illinois	1983	1.0 (0.98–1.01)
Illinois	1984	1.0 (0.98–1.01)
Illinois	1985	1.0 (0.99–1.02)
Illinois	1986	1.0 (0.99–1.01)
Illinois	1987	1.0 (0.99–1.01)
Illinois	1988	1.0 (0.99–1.02)
Illinois	1989	1.01 (0.99–1.02)
Illinois	1990	1.0 (0.98–1.01)
Illinois	1991	1.0 (0.99–1.01)
Illinois	1992	0.99 (0.98–1.01)
Illinois	1993	1.0 (0.99–1.02)
Illinois	1994	1.0 (0.99–1.02)
Illinois	1995	0.99 (0.98–1.01)
Illinois	1996	1.0 (0.98–1.01)
Illinois	1997	1.0 (0.98–1.02)
Illinois	1998	1.01 (0.99–1.02)
Illinois	1999	1.0 (0.99–1.01)
Illinois	2000	1.0 (0.99–1.01)
Illinois	2001	0.99 (0.98–1.01)
Illinois	2002	1.0 (0.98–1.02)
Illinois	2003	1.0 (0.98–1.02)
Illinois	2004	1.0 (0.98–1.01)
Illinois	2005	1.0 (0.99–1.01)
Illinois	2006	1.0 (0.98–1.02)
Illinois	2007	1.01 (0.99–1.02)
Illinois	2008	1.0 (0.99–1.02)
Illinois	2009	1.0 (0.98–1.01)
Illinois	2010	0.99 (0.97–1.01)
Illinois	2011	1.0 (0.98–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Illinois	2012	1.0 (0.98–1.02)
Illinois	2013	1.0 (0.98–1.02)
Illinois	2014	1.0 (0.98–1.02)
Illinois	2015	1.0 (0.98–1.03)
Illinois	2016	1.03 (0.93–1.13)
Illinois	2017	1.02 (0.87–1.18)
Indiana	1950	0.81 (0.67–0.97)
Indiana	1951	0.86 (0.71–1.01)
Indiana	1952	0.87 (0.74–1.02)
Indiana	1953	0.87 (0.73–1.02)
Indiana	1954	0.85 (0.71–1.0)
Indiana	1955	0.87 (0.73–1.01)
Indiana	1956	0.89 (0.77–1.02)
Indiana	1957	0.93 (0.83–1.03)
Indiana	1958	0.96 (0.9–1.02)
Indiana	1959	1.0 (0.99–1.01)
Indiana	1960	1.0 (0.99–1.01)
Indiana	1961	1.0 (0.99–1.01)
Indiana	1962	1.0 (0.99–1.01)
Indiana	1963	1.01 (0.99–1.02)
Indiana	1964	1.0 (0.99–1.01)
Indiana	1965	1.0 (0.98–1.02)
Indiana	1966	1.0 (0.98–1.02)
Indiana	1967	1.0 (0.98–1.01)
Indiana	1968	1.0 (0.98–1.01)
Indiana	1969	1.0 (0.99–1.02)
Indiana	1970	1.01 (0.99–1.02)
Indiana	1971	1.0 (0.98–1.01)
Indiana	1972	1.0 (0.99–1.01)
Indiana	1973	1.0 (0.99–1.02)
Indiana	1974	1.0 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Indiana	1975	1.0 (0.98–1.01)
Indiana	1976	1.0 (0.99–1.02)
Indiana	1977	1.0 (0.98–1.01)
Indiana	1978	1.0 (0.99–1.01)
Indiana	1979	1.0 (0.99–1.01)
Indiana	1980	1.0 (0.99–1.01)
Indiana	1981	1.0 (0.98–1.01)
Indiana	1982	1.0 (0.99–1.01)
Indiana	1983	1.0 (0.98–1.01)
Indiana	1984	1.0 (0.98–1.01)
Indiana	1985	1.0 (0.99–1.02)
Indiana	1986	1.0 (0.99–1.01)
Indiana	1987	1.0 (0.99–1.01)
Indiana	1988	1.0 (0.99–1.02)
Indiana	1989	1.01 (0.99–1.02)
Indiana	1990	1.0 (0.98–1.01)
Indiana	1991	1.0 (0.99–1.01)
Indiana	1992	0.99 (0.98–1.01)
Indiana	1993	1.0 (0.99–1.02)
Indiana	1994	1.0 (0.99–1.02)
Indiana	1995	0.99 (0.98–1.01)
Indiana	1996	1.0 (0.98–1.01)
Indiana	1997	1.0 (0.98–1.02)
Indiana	1998	1.01 (0.99–1.02)
Indiana	1999	1.0 (0.99–1.01)
Indiana	2000	1.0 (0.99–1.01)
Indiana	2001	0.99 (0.98–1.01)
Indiana	2002	1.0 (0.98–1.02)
Indiana	2003	1.0 (0.98–1.02)
Indiana	2004	1.0 (0.98–1.01)
Indiana	2005	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Indiana	2006	1.0 (0.98–1.02)
Indiana	2007	1.01 (0.99–1.02)
Indiana	2008	1.0 (0.99–1.02)
Indiana	2009	1.0 (0.98–1.01)
Indiana	2010	0.99 (0.97–1.01)
Indiana	2011	1.0 (0.98–1.02)
Indiana	2012	1.0 (0.98–1.02)
Indiana	2013	1.0 (0.98–1.02)
Indiana	2014	1.0 (0.98–1.02)
Indiana	2015	1.0 (0.98–1.03)
Indiana	2016	1.03 (0.93–1.13)
Indiana	2017	1.02 (0.87–1.18)
Iowa	1950	0.81 (0.67–0.97)
Iowa	1951	0.85 (0.71–1.01)
Iowa	1952	0.87 (0.73–1.02)
Iowa	1953	0.87 (0.73–1.02)
Iowa	1954	0.85 (0.71–1.0)
Iowa	1955	0.87 (0.73–1.01)
Iowa	1956	0.89 (0.77–1.02)
Iowa	1957	0.92 (0.83–1.03)
Iowa	1958	0.96 (0.9–1.02)
Iowa	1959	1.0 (0.99–1.01)
Iowa	1960	1.0 (0.99–1.01)
Iowa	1961	1.0 (0.99–1.01)
Iowa	1962	1.0 (0.99–1.01)
Iowa	1963	1.01 (0.99–1.02)
Iowa	1964	1.0 (0.99–1.01)
Iowa	1965	1.0 (0.98–1.02)
Iowa	1966	1.0 (0.98–1.02)
Iowa	1967	1.0 (0.98–1.01)
Iowa	1968	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Iowa	1969	1.0 (0.99–1.02)
Iowa	1970	1.01 (0.99–1.02)
Iowa	1971	1.0 (0.98–1.01)
Iowa	1972	1.0 (0.99–1.01)
Iowa	1973	1.0 (0.99–1.02)
Iowa	1974	1.0 (0.99–1.02)
Iowa	1975	1.0 (0.98–1.01)
Iowa	1976	1.0 (0.99–1.02)
Iowa	1977	1.0 (0.98–1.01)
Iowa	1978	1.0 (0.99–1.01)
Iowa	1979	1.0 (0.99–1.01)
Iowa	1980	1.0 (0.99–1.01)
Iowa	1981	1.0 (0.98–1.01)
Iowa	1982	1.0 (0.99–1.01)
Iowa	1983	1.0 (0.98–1.01)
Iowa	1984	1.0 (0.98–1.01)
Iowa	1985	1.0 (0.99–1.02)
Iowa	1986	1.0 (0.99–1.01)
Iowa	1987	1.0 (0.99–1.01)
Iowa	1988	1.0 (0.99–1.02)
Iowa	1989	1.01 (0.99–1.02)
Iowa	1990	1.0 (0.98–1.01)
Iowa	1991	1.0 (0.99–1.01)
Iowa	1992	0.99 (0.98–1.01)
Iowa	1993	1.0 (0.99–1.02)
Iowa	1994	1.0 (0.99–1.02)
Iowa	1995	0.99 (0.98–1.01)
Iowa	1996	1.0 (0.98–1.01)
Iowa	1997	1.0 (0.98–1.02)
Iowa	1998	1.01 (0.99–1.02)
Iowa	1999	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Iowa	2000	1.0 (0.99–1.01)
Iowa	2001	0.99 (0.98–1.01)
Iowa	2002	1.0 (0.98–1.02)
Iowa	2003	1.0 (0.98–1.02)
Iowa	2004	1.0 (0.98–1.01)
Iowa	2005	1.0 (0.99–1.01)
Iowa	2006	1.0 (0.98–1.02)
Iowa	2007	1.01 (0.99–1.02)
Iowa	2008	1.0 (0.99–1.02)
Iowa	2009	1.0 (0.98–1.01)
Iowa	2010	0.99 (0.97–1.01)
Iowa	2011	1.0 (0.98–1.02)
Iowa	2012	1.0 (0.98–1.02)
Iowa	2013	1.0 (0.98–1.02)
Iowa	2014	1.0 (0.98–1.02)
Iowa	2015	1.0 (0.98–1.03)
Iowa	2016	1.03 (0.93–1.13)
Iowa	2017	1.02 (0.87–1.18)
Kansas	1950	0.81 (0.67–0.97)
Kansas	1951	0.85 (0.71–1.01)
Kansas	1952	0.87 (0.73–1.02)
Kansas	1953	0.87 (0.73–1.02)
Kansas	1954	0.85 (0.71–1.0)
Kansas	1955	0.87 (0.73–1.01)
Kansas	1956	0.89 (0.77–1.02)
Kansas	1957	0.93 (0.83–1.03)
Kansas	1958	0.96 (0.9–1.02)
Kansas	1959	1.0 (0.99–1.01)
Kansas	1960	1.0 (0.99–1.01)
Kansas	1961	1.0 (0.99–1.01)
Kansas	1962	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kansas	1963	1.01 (0.99–1.02)
Kansas	1964	1.0 (0.99–1.01)
Kansas	1965	1.0 (0.98–1.02)
Kansas	1966	1.0 (0.98–1.02)
Kansas	1967	1.0 (0.98–1.01)
Kansas	1968	1.0 (0.98–1.01)
Kansas	1969	1.0 (0.99–1.02)
Kansas	1970	1.01 (0.99–1.02)
Kansas	1971	1.0 (0.98–1.01)
Kansas	1972	1.0 (0.99–1.01)
Kansas	1973	1.0 (0.99–1.02)
Kansas	1974	1.0 (0.99–1.02)
Kansas	1975	1.0 (0.98–1.01)
Kansas	1976	1.0 (0.99–1.02)
Kansas	1977	1.0 (0.98–1.01)
Kansas	1978	1.0 (0.99–1.01)
Kansas	1979	1.0 (0.99–1.01)
Kansas	1980	1.0 (0.99–1.01)
Kansas	1981	1.0 (0.98–1.01)
Kansas	1982	1.0 (0.99–1.01)
Kansas	1983	1.0 (0.98–1.01)
Kansas	1984	1.0 (0.98–1.01)
Kansas	1985	1.0 (0.99–1.02)
Kansas	1986	1.0 (0.99–1.01)
Kansas	1987	1.0 (0.99–1.01)
Kansas	1988	1.0 (0.99–1.02)
Kansas	1989	1.01 (0.99–1.02)
Kansas	1990	1.0 (0.98–1.01)
Kansas	1991	1.0 (0.99–1.01)
Kansas	1992	0.99 (0.98–1.01)
Kansas	1993	1.0 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kansas	1994	1.0 (0.99–1.02)
Kansas	1995	0.99 (0.98–1.01)
Kansas	1996	1.0 (0.98–1.01)
Kansas	1997	1.0 (0.98–1.02)
Kansas	1998	1.01 (0.99–1.02)
Kansas	1999	1.0 (0.99–1.01)
Kansas	2000	1.0 (0.99–1.01)
Kansas	2001	0.99 (0.98–1.01)
Kansas	2002	1.0 (0.98–1.02)
Kansas	2003	1.0 (0.98–1.02)
Kansas	2004	1.0 (0.98–1.01)
Kansas	2005	1.0 (0.99–1.01)
Kansas	2006	1.0 (0.98–1.02)
Kansas	2007	1.01 (0.99–1.02)
Kansas	2008	1.0 (0.99–1.02)
Kansas	2009	1.0 (0.98–1.01)
Kansas	2010	0.99 (0.97–1.01)
Kansas	2011	1.0 (0.98–1.02)
Kansas	2012	1.0 (0.98–1.02)
Kansas	2013	1.0 (0.98–1.02)
Kansas	2014	1.0 (0.98–1.02)
Kansas	2015	1.0 (0.98–1.03)
Kansas	2016	1.03 (0.93–1.13)
Kansas	2017	1.02 (0.87–1.18)
Kentucky	1950	0.81 (0.67–0.97)
Kentucky	1951	0.86 (0.71–1.01)
Kentucky	1952	0.87 (0.74–1.02)
Kentucky	1953	0.87 (0.73–1.02)
Kentucky	1954	0.85 (0.71–1.0)
Kentucky	1955	0.87 (0.73–1.01)
Kentucky	1956	0.89 (0.77–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kentucky	1957	0.93 (0.83–1.03)
Kentucky	1958	0.96 (0.91–1.02)
Kentucky	1959	1.0 (0.99–1.01)
Kentucky	1960	1.0 (0.99–1.01)
Kentucky	1961	1.0 (0.99–1.01)
Kentucky	1962	1.0 (0.99–1.01)
Kentucky	1963	1.01 (0.99–1.02)
Kentucky	1964	1.0 (0.99–1.01)
Kentucky	1965	1.0 (0.98–1.02)
Kentucky	1966	1.0 (0.98–1.02)
Kentucky	1967	1.0 (0.98–1.01)
Kentucky	1968	1.0 (0.98–1.01)
Kentucky	1969	1.0 (0.99–1.02)
Kentucky	1970	1.01 (0.99–1.02)
Kentucky	1971	1.0 (0.98–1.01)
Kentucky	1972	1.0 (0.99–1.01)
Kentucky	1973	1.0 (0.99–1.02)
Kentucky	1974	1.0 (0.99–1.02)
Kentucky	1975	1.0 (0.98–1.01)
Kentucky	1976	1.0 (0.99–1.02)
Kentucky	1977	1.0 (0.98–1.01)
Kentucky	1978	1.0 (0.99–1.01)
Kentucky	1979	1.0 (0.99–1.01)
Kentucky	1980	1.0 (0.99–1.01)
Kentucky	1981	1.0 (0.98–1.01)
Kentucky	1982	1.0 (0.99–1.01)
Kentucky	1983	1.0 (0.98–1.01)
Kentucky	1984	1.0 (0.98–1.01)
Kentucky	1985	1.0 (0.99–1.02)
Kentucky	1986	1.0 (0.99–1.01)
Kentucky	1987	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kentucky	1988	1.0 (0.99–1.02)
Kentucky	1989	1.01 (0.99–1.02)
Kentucky	1990	1.0 (0.98–1.01)
Kentucky	1991	1.0 (0.99–1.01)
Kentucky	1992	0.99 (0.98–1.01)
Kentucky	1993	1.0 (0.99–1.02)
Kentucky	1994	1.0 (0.99–1.02)
Kentucky	1995	0.99 (0.98–1.01)
Kentucky	1996	1.0 (0.98–1.01)
Kentucky	1997	1.0 (0.98–1.02)
Kentucky	1998	1.01 (0.99–1.02)
Kentucky	1999	1.0 (0.99–1.01)
Kentucky	2000	1.0 (0.99–1.01)
Kentucky	2001	0.99 (0.98–1.01)
Kentucky	2002	1.0 (0.98–1.02)
Kentucky	2003	1.0 (0.98–1.02)
Kentucky	2004	1.0 (0.98–1.01)
Kentucky	2005	1.0 (0.99–1.01)
Kentucky	2006	1.0 (0.98–1.02)
Kentucky	2007	1.01 (0.99–1.02)
Kentucky	2008	1.0 (0.99–1.02)
Kentucky	2009	1.0 (0.98–1.01)
Kentucky	2010	0.99 (0.97–1.01)
Kentucky	2011	1.0 (0.98–1.02)
Kentucky	2012	1.0 (0.98–1.02)
Kentucky	2013	1.0 (0.98–1.02)
Kentucky	2014	1.0 (0.98–1.02)
Kentucky	2015	1.0 (0.98–1.03)
Kentucky	2016	1.03 (0.93–1.13)
Kentucky	2017	1.02 (0.87–1.18)
Louisiana	1950	0.81 (0.67–0.97)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Louisiana	1951	0.86 (0.71–1.01)
Louisiana	1952	0.87 (0.74–1.02)
Louisiana	1953	0.87 (0.73–1.02)
Louisiana	1954	0.86 (0.72–1.0)
Louisiana	1955	0.87 (0.73–1.01)
Louisiana	1956	0.89 (0.77–1.02)
Louisiana	1957	0.93 (0.83–1.03)
Louisiana	1958	0.96 (0.91–1.02)
Louisiana	1959	1.0 (0.99–1.01)
Louisiana	1960	1.0 (0.99–1.01)
Louisiana	1961	1.0 (0.99–1.01)
Louisiana	1962	1.0 (0.99–1.01)
Louisiana	1963	1.01 (0.99–1.02)
Louisiana	1964	1.0 (0.99–1.01)
Louisiana	1965	1.0 (0.98–1.02)
Louisiana	1966	1.0 (0.98–1.02)
Louisiana	1967	1.0 (0.98–1.01)
Louisiana	1968	1.0 (0.98–1.01)
Louisiana	1969	1.0 (0.99–1.02)
Louisiana	1970	1.01 (0.99–1.02)
Louisiana	1971	1.0 (0.98–1.01)
Louisiana	1972	1.0 (0.99–1.01)
Louisiana	1973	1.0 (0.99–1.02)
Louisiana	1974	1.0 (0.99–1.02)
Louisiana	1975	1.0 (0.98–1.01)
Louisiana	1976	1.0 (0.99–1.02)
Louisiana	1977	1.0 (0.98–1.01)
Louisiana	1978	1.0 (0.99–1.01)
Louisiana	1979	1.0 (0.99–1.01)
Louisiana	1980	1.0 (0.99–1.01)
Louisiana	1981	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Louisiana	1982	1.0 (0.99–1.01)
Louisiana	1983	1.0 (0.98–1.01)
Louisiana	1984	1.0 (0.98–1.01)
Louisiana	1985	1.0 (0.99–1.02)
Louisiana	1986	1.0 (0.99–1.01)
Louisiana	1987	1.0 (0.99–1.01)
Louisiana	1988	1.0 (0.99–1.02)
Louisiana	1989	1.01 (0.99–1.02)
Louisiana	1990	1.0 (0.98–1.01)
Louisiana	1991	1.0 (0.99–1.01)
Louisiana	1992	0.99 (0.98–1.01)
Louisiana	1993	1.0 (0.99–1.02)
Louisiana	1994	1.0 (0.99–1.02)
Louisiana	1995	0.99 (0.98–1.01)
Louisiana	1996	1.0 (0.98–1.01)
Louisiana	1997	1.0 (0.98–1.02)
Louisiana	1998	1.01 (0.99–1.02)
Louisiana	1999	1.0 (0.99–1.01)
Louisiana	2000	1.0 (0.99–1.01)
Louisiana	2001	0.99 (0.98–1.01)
Louisiana	2002	1.0 (0.98–1.02)
Louisiana	2003	1.0 (0.98–1.02)
Louisiana	2004	1.0 (0.98–1.01)
Louisiana	2005	1.0 (0.99–1.01)
Louisiana	2006	1.0 (0.98–1.02)
Louisiana	2007	1.01 (0.99–1.02)
Louisiana	2008	1.0 (0.99–1.02)
Louisiana	2009	1.0 (0.98–1.01)
Louisiana	2010	0.99 (0.97–1.01)
Louisiana	2011	1.0 (0.98–1.02)
Louisiana	2012	1.0 (0.98–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Louisiana	2013	1.0 (0.98–1.02)
Louisiana	2014	1.0 (0.98–1.02)
Louisiana	2015	1.0 (0.98–1.03)
Louisiana	2016	1.03 (0.93–1.13)
Louisiana	2017	1.02 (0.87–1.18)
Maine	1950	0.81 (0.67–0.97)
Maine	1951	0.86 (0.71–1.01)
Maine	1952	0.87 (0.74–1.02)
Maine	1953	0.87 (0.73–1.02)
Maine	1954	0.85 (0.71–1.0)
Maine	1955	0.87 (0.73–1.01)
Maine	1956	0.89 (0.77–1.02)
Maine	1957	0.93 (0.83–1.03)
Maine	1958	0.96 (0.9–1.02)
Maine	1959	1.0 (0.99–1.01)
Maine	1960	1.0 (0.99–1.01)
Maine	1961	1.0 (0.99–1.01)
Maine	1962	1.0 (0.99–1.01)
Maine	1963	1.01 (0.99–1.02)
Maine	1964	1.0 (0.99–1.01)
Maine	1965	1.0 (0.98–1.02)
Maine	1966	1.0 (0.98–1.02)
Maine	1967	1.0 (0.98–1.01)
Maine	1968	1.0 (0.98–1.01)
Maine	1969	1.0 (0.99–1.02)
Maine	1970	1.01 (0.99–1.02)
Maine	1971	1.0 (0.98–1.01)
Maine	1972	1.0 (0.99–1.01)
Maine	1973	1.0 (0.99–1.02)
Maine	1974	1.0 (0.99–1.02)
Maine	1975	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Maine	1976	1.0 (0.99–1.02)
Maine	1977	1.0 (0.98–1.01)
Maine	1978	1.0 (0.99–1.01)
Maine	1979	1.0 (0.99–1.01)
Maine	1980	1.0 (0.99–1.01)
Maine	1981	1.0 (0.98–1.01)
Maine	1982	1.0 (0.99–1.01)
Maine	1983	1.0 (0.98–1.01)
Maine	1984	1.0 (0.98–1.01)
Maine	1985	1.0 (0.99–1.02)
Maine	1986	1.0 (0.99–1.01)
Maine	1987	1.0 (0.99–1.01)
Maine	1988	1.0 (0.99–1.02)
Maine	1989	1.01 (0.99–1.02)
Maine	1990	1.0 (0.98–1.01)
Maine	1991	1.0 (0.99–1.01)
Maine	1992	0.99 (0.98–1.01)
Maine	1993	1.0 (0.99–1.02)
Maine	1994	1.0 (0.99–1.02)
Maine	1995	0.99 (0.98–1.01)
Maine	1996	1.0 (0.98–1.01)
Maine	1997	1.0 (0.98–1.02)
Maine	1998	1.01 (0.99–1.02)
Maine	1999	1.0 (0.99–1.01)
Maine	2000	1.0 (0.99–1.01)
Maine	2001	0.99 (0.98–1.01)
Maine	2002	1.0 (0.98–1.02)
Maine	2003	1.0 (0.98–1.02)
Maine	2004	1.0 (0.98–1.01)
Maine	2005	1.0 (0.99–1.01)
Maine	2006	1.0 (0.98–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Maine	2007	1.01 (0.99–1.02)
Maine	2008	1.0 (0.99–1.02)
Maine	2009	1.0 (0.98–1.01)
Maine	2010	0.99 (0.97–1.01)
Maine	2011	1.0 (0.98–1.02)
Maine	2012	1.0 (0.98–1.02)
Maine	2013	1.0 (0.98–1.02)
Maine	2014	1.0 (0.98–1.02)
Maine	2015	1.0 (0.98–1.03)
Maine	2016	1.03 (0.93–1.13)
Maine	2017	1.02 (0.87–1.18)
Maryland	1950	0.81 (0.67–0.97)
Maryland	1951	0.86 (0.71–1.01)
Maryland	1952	0.87 (0.74–1.02)
Maryland	1953	0.87 (0.73–1.02)
Maryland	1954	0.85 (0.71–1.0)
Maryland	1955	0.87 (0.73–1.01)
Maryland	1956	0.89 (0.77–1.02)
Maryland	1957	0.93 (0.83–1.03)
Maryland	1958	0.96 (0.91–1.02)
Maryland	1959	1.0 (0.99–1.01)
Maryland	1960	1.0 (0.99–1.01)
Maryland	1961	1.0 (0.99–1.01)
Maryland	1962	1.0 (0.99–1.01)
Maryland	1963	1.01 (0.99–1.02)
Maryland	1964	1.0 (0.99–1.01)
Maryland	1965	1.0 (0.98–1.02)
Maryland	1966	1.0 (0.98–1.02)
Maryland	1967	1.0 (0.98–1.01)
Maryland	1968	1.0 (0.98–1.01)
Maryland	1969	1.0 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Maryland	1970	1.01 (0.99–1.02)
Maryland	1971	1.0 (0.98–1.01)
Maryland	1972	1.0 (0.99–1.01)
Maryland	1973	1.0 (0.99–1.02)
Maryland	1974	1.0 (0.99–1.02)
Maryland	1975	1.0 (0.98–1.01)
Maryland	1976	1.0 (0.99–1.02)
Maryland	1977	1.0 (0.98–1.01)
Maryland	1978	1.0 (0.99–1.01)
Maryland	1979	1.0 (0.99–1.01)
Maryland	1980	1.0 (0.99–1.01)
Maryland	1981	1.0 (0.98–1.01)
Maryland	1982	1.0 (0.99–1.01)
Maryland	1983	1.0 (0.98–1.01)
Maryland	1984	1.0 (0.98–1.01)
Maryland	1985	1.0 (0.99–1.02)
Maryland	1986	1.0 (0.99–1.01)
Maryland	1987	1.0 (0.99–1.01)
Maryland	1988	1.0 (0.99–1.02)
Maryland	1989	1.01 (0.99–1.02)
Maryland	1990	1.0 (0.98–1.01)
Maryland	1991	1.0 (0.99–1.01)
Maryland	1992	0.99 (0.98–1.01)
Maryland	1993	1.0 (0.99–1.02)
Maryland	1994	1.0 (0.99–1.02)
Maryland	1995	0.99 (0.98–1.01)
Maryland	1996	1.0 (0.98–1.01)
Maryland	1997	1.0 (0.98–1.02)
Maryland	1998	1.01 (0.99–1.02)
Maryland	1999	1.0 (0.99–1.01)
Maryland	2000	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Maryland	2001	0.99 (0.98–1.01)
Maryland	2002	1.0 (0.98–1.02)
Maryland	2003	1.0 (0.98–1.02)
Maryland	2004	1.0 (0.98–1.01)
Maryland	2005	1.0 (0.99–1.01)
Maryland	2006	1.0 (0.98–1.02)
Maryland	2007	1.01 (0.99–1.02)
Maryland	2008	1.0 (0.99–1.02)
Maryland	2009	1.0 (0.98–1.01)
Maryland	2010	0.99 (0.97–1.01)
Maryland	2011	1.0 (0.98–1.02)
Maryland	2012	1.0 (0.98–1.02)
Maryland	2013	1.0 (0.98–1.02)
Maryland	2014	1.0 (0.98–1.02)
Maryland	2015	1.0 (0.98–1.03)
Maryland	2016	1.03 (0.93–1.13)
Maryland	2017	1.02 (0.87–1.18)
Massachusetts	1950	0.81 (0.67–0.97)
Massachusetts	1951	0.86 (0.71–1.01)
Massachusetts	1952	0.87 (0.74–1.02)
Massachusetts	1953	0.87 (0.73–1.02)
Massachusetts	1954	0.85 (0.71–1.0)
Massachusetts	1955	0.87 (0.73–1.01)
Massachusetts	1956	0.89 (0.77–1.02)
Massachusetts	1957	0.93 (0.83–1.03)
Massachusetts	1958	0.96 (0.9–1.02)
Massachusetts	1959	1.0 (0.99–1.01)
Massachusetts	1960	1.0 (0.99–1.01)
Massachusetts	1961	1.0 (0.99–1.01)
Massachusetts	1962	1.0 (0.99–1.01)
Massachusetts	1963	1.01 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Massachusetts	1964	1.0 (0.99–1.01)
Massachusetts	1965	1.0 (0.98–1.02)
Massachusetts	1966	1.0 (0.98–1.02)
Massachusetts	1967	1.0 (0.98–1.01)
Massachusetts	1968	1.0 (0.98–1.01)
Massachusetts	1969	1.0 (0.99–1.02)
Massachusetts	1970	1.01 (0.99–1.02)
Massachusetts	1971	1.0 (0.98–1.01)
Massachusetts	1972	1.0 (0.99–1.01)
Massachusetts	1973	1.0 (0.99–1.02)
Massachusetts	1974	1.0 (0.99–1.02)
Massachusetts	1975	1.0 (0.98–1.01)
Massachusetts	1976	1.0 (0.99–1.02)
Massachusetts	1977	1.0 (0.98–1.01)
Massachusetts	1978	1.0 (0.99–1.01)
Massachusetts	1979	1.0 (0.99–1.01)
Massachusetts	1980	1.0 (0.99–1.01)
Massachusetts	1981	1.0 (0.98–1.01)
Massachusetts	1982	1.0 (0.99–1.01)
Massachusetts	1983	1.0 (0.98–1.01)
Massachusetts	1984	1.0 (0.98–1.01)
Massachusetts	1985	1.0 (0.99–1.02)
Massachusetts	1986	1.0 (0.99–1.01)
Massachusetts	1987	1.0 (0.99–1.01)
Massachusetts	1988	1.0 (0.99–1.02)
Massachusetts	1989	1.01 (0.99–1.02)
Massachusetts	1990	1.0 (0.98–1.01)
Massachusetts	1991	1.0 (0.99–1.01)
Massachusetts	1992	0.99 (0.98–1.01)
Massachusetts	1993	1.0 (0.99–1.02)
Massachusetts	1994	1.0 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Massachusetts	1995	0.99 (0.98–1.01)
Massachusetts	1996	1.0 (0.98–1.01)
Massachusetts	1997	1.0 (0.98–1.02)
Massachusetts	1998	1.01 (0.99–1.02)
Massachusetts	1999	1.0 (0.99–1.01)
Massachusetts	2000	1.0 (0.99–1.01)
Massachusetts	2001	0.99 (0.98–1.01)
Massachusetts	2002	1.0 (0.98–1.02)
Massachusetts	2003	1.0 (0.98–1.02)
Massachusetts	2004	1.0 (0.98–1.01)
Massachusetts	2005	1.0 (0.99–1.01)
Massachusetts	2006	1.0 (0.98–1.02)
Massachusetts	2007	1.01 (0.99–1.02)
Massachusetts	2008	1.0 (0.99–1.02)
Massachusetts	2009	1.0 (0.98–1.01)
Massachusetts	2010	0.99 (0.97–1.01)
Massachusetts	2011	1.0 (0.98–1.02)
Massachusetts	2012	1.0 (0.98–1.02)
Massachusetts	2013	1.0 (0.98–1.02)
Massachusetts	2014	1.0 (0.98–1.02)
Massachusetts	2015	1.0 (0.98–1.03)
Massachusetts	2016	1.03 (0.93–1.13)
Massachusetts	2017	1.02 (0.87–1.18)
Michigan	1950	0.81 (0.67–0.97)
Michigan	1951	0.86 (0.71–1.01)
Michigan	1952	0.87 (0.74–1.02)
Michigan	1953	0.87 (0.73–1.02)
Michigan	1954	0.85 (0.71–1.0)
Michigan	1955	0.87 (0.73–1.01)
Michigan	1956	0.89 (0.77–1.02)
Michigan	1957	0.93 (0.83–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Michigan	1958	0.96 (0.9–1.02)
Michigan	1959	1.0 (0.99–1.01)
Michigan	1960	1.0 (0.99–1.01)
Michigan	1961	1.0 (0.99–1.01)
Michigan	1962	1.0 (0.99–1.01)
Michigan	1963	1.01 (0.99–1.02)
Michigan	1964	1.0 (0.99–1.01)
Michigan	1965	1.0 (0.98–1.02)
Michigan	1966	1.0 (0.98–1.02)
Michigan	1967	1.0 (0.98–1.01)
Michigan	1968	1.0 (0.98–1.01)
Michigan	1969	1.0 (0.99–1.02)
Michigan	1970	1.01 (0.99–1.02)
Michigan	1971	1.0 (0.98–1.01)
Michigan	1972	1.0 (0.99–1.01)
Michigan	1973	1.0 (0.99–1.02)
Michigan	1974	1.0 (0.99–1.02)
Michigan	1975	1.0 (0.98–1.01)
Michigan	1976	1.0 (0.99–1.02)
Michigan	1977	1.0 (0.98–1.01)
Michigan	1978	1.0 (0.99–1.01)
Michigan	1979	1.0 (0.99–1.01)
Michigan	1980	1.0 (0.99–1.01)
Michigan	1981	1.0 (0.98–1.01)
Michigan	1982	1.0 (0.99–1.01)
Michigan	1983	1.0 (0.98–1.01)
Michigan	1984	1.0 (0.98–1.01)
Michigan	1985	1.0 (0.99–1.02)
Michigan	1986	1.0 (0.99–1.01)
Michigan	1987	1.0 (0.99–1.01)
Michigan	1988	1.0 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Michigan	1989	1.01 (0.99–1.02)
Michigan	1990	1.0 (0.98–1.01)
Michigan	1991	1.0 (0.99–1.01)
Michigan	1992	0.99 (0.98–1.01)
Michigan	1993	1.0 (0.99–1.02)
Michigan	1994	1.0 (0.99–1.02)
Michigan	1995	0.99 (0.98–1.01)
Michigan	1996	1.0 (0.98–1.01)
Michigan	1997	1.0 (0.98–1.02)
Michigan	1998	1.01 (0.99–1.02)
Michigan	1999	1.0 (0.99–1.01)
Michigan	2000	1.0 (0.99–1.01)
Michigan	2001	0.99 (0.98–1.01)
Michigan	2002	1.0 (0.98–1.02)
Michigan	2003	1.0 (0.98–1.02)
Michigan	2004	1.0 (0.98–1.01)
Michigan	2005	1.0 (0.99–1.01)
Michigan	2006	1.0 (0.98–1.02)
Michigan	2007	1.01 (0.99–1.02)
Michigan	2008	1.0 (0.99–1.02)
Michigan	2009	1.0 (0.98–1.01)
Michigan	2010	0.99 (0.97–1.01)
Michigan	2011	1.0 (0.98–1.02)
Michigan	2012	1.0 (0.98–1.02)
Michigan	2013	1.0 (0.98–1.02)
Michigan	2014	1.0 (0.98–1.02)
Michigan	2015	1.0 (0.98–1.03)
Michigan	2016	1.03 (0.93–1.13)
Michigan	2017	1.02 (0.87–1.18)
Minnesota	1950	0.81 (0.67–0.97)
Minnesota	1951	0.86 (0.71–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Minnesota	1952	0.87 (0.73–1.02)
Minnesota	1953	0.87 (0.73–1.02)
Minnesota	1954	0.85 (0.71–1.0)
Minnesota	1955	0.87 (0.73–1.01)
Minnesota	1956	0.89 (0.77–1.02)
Minnesota	1957	0.93 (0.83–1.03)
Minnesota	1958	0.96 (0.9–1.02)
Minnesota	1959	1.0 (0.99–1.01)
Minnesota	1960	1.0 (0.99–1.01)
Minnesota	1961	1.0 (0.99–1.01)
Minnesota	1962	1.0 (0.99–1.01)
Minnesota	1963	1.01 (0.99–1.02)
Minnesota	1964	1.0 (0.99–1.01)
Minnesota	1965	1.0 (0.98–1.02)
Minnesota	1966	1.0 (0.98–1.02)
Minnesota	1967	1.0 (0.98–1.01)
Minnesota	1968	1.0 (0.98–1.01)
Minnesota	1969	1.0 (0.99–1.02)
Minnesota	1970	1.01 (0.99–1.02)
Minnesota	1971	1.0 (0.98–1.01)
Minnesota	1972	1.0 (0.99–1.01)
Minnesota	1973	1.0 (0.99–1.02)
Minnesota	1974	1.0 (0.99–1.02)
Minnesota	1975	1.0 (0.98–1.01)
Minnesota	1976	1.0 (0.99–1.02)
Minnesota	1977	1.0 (0.98–1.01)
Minnesota	1978	1.0 (0.99–1.01)
Minnesota	1979	1.0 (0.99–1.01)
Minnesota	1980	1.0 (0.99–1.01)
Minnesota	1981	1.0 (0.98–1.01)
Minnesota	1982	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Minnesota	1983	1.0 (0.98–1.01)
Minnesota	1984	1.0 (0.98–1.01)
Minnesota	1985	1.0 (0.99–1.02)
Minnesota	1986	1.0 (0.99–1.01)
Minnesota	1987	1.0 (0.99–1.01)
Minnesota	1988	1.0 (0.99–1.02)
Minnesota	1989	1.01 (0.99–1.02)
Minnesota	1990	1.0 (0.98–1.01)
Minnesota	1991	1.0 (0.99–1.01)
Minnesota	1992	0.99 (0.98–1.01)
Minnesota	1993	1.0 (0.99–1.02)
Minnesota	1994	1.0 (0.99–1.02)
Minnesota	1995	0.99 (0.98–1.01)
Minnesota	1996	1.0 (0.98–1.01)
Minnesota	1997	1.0 (0.98–1.02)
Minnesota	1998	1.01 (0.99–1.02)
Minnesota	1999	1.0 (0.99–1.01)
Minnesota	2000	1.0 (0.99–1.01)
Minnesota	2001	0.99 (0.98–1.01)
Minnesota	2002	1.0 (0.98–1.02)
Minnesota	2003	1.0 (0.98–1.02)
Minnesota	2004	1.0 (0.98–1.01)
Minnesota	2005	1.0 (0.99–1.01)
Minnesota	2006	1.0 (0.98–1.02)
Minnesota	2007	1.01 (0.99–1.02)
Minnesota	2008	1.0 (0.99–1.02)
Minnesota	2009	1.0 (0.98–1.01)
Minnesota	2010	0.99 (0.97–1.01)
Minnesota	2011	1.0 (0.98–1.02)
Minnesota	2012	1.0 (0.98–1.02)
Minnesota	2013	1.0 (0.98–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Minnesota	2014	1.0 (0.98–1.02)
Minnesota	2015	1.0 (0.98–1.03)
Minnesota	2016	1.03 (0.93–1.13)
Minnesota	2017	1.02 (0.87–1.18)
Mississippi	1950	0.82 (0.67–0.97)
Mississippi	1951	0.86 (0.71–1.01)
Mississippi	1952	0.87 (0.74–1.02)
Mississippi	1953	0.87 (0.74–1.02)
Mississippi	1954	0.86 (0.72–1.0)
Mississippi	1955	0.87 (0.73–1.01)
Mississippi	1956	0.89 (0.78–1.02)
Mississippi	1957	0.93 (0.83–1.03)
Mississippi	1958	0.96 (0.91–1.02)
Mississippi	1959	1.0 (0.99–1.01)
Mississippi	1960	1.0 (0.99–1.01)
Mississippi	1961	1.0 (0.99–1.01)
Mississippi	1962	1.0 (0.99–1.01)
Mississippi	1963	1.01 (0.99–1.02)
Mississippi	1964	1.0 (0.99–1.01)
Mississippi	1965	1.0 (0.99–1.02)
Mississippi	1966	1.0 (0.98–1.02)
Mississippi	1967	1.0 (0.98–1.01)
Mississippi	1968	1.0 (0.98–1.01)
Mississippi	1969	1.0 (0.99–1.02)
Mississippi	1970	1.01 (0.99–1.02)
Mississippi	1971	1.0 (0.98–1.01)
Mississippi	1972	1.0 (0.99–1.01)
Mississippi	1973	1.0 (0.99–1.02)
Mississippi	1974	1.0 (0.99–1.02)
Mississippi	1975	1.0 (0.98–1.01)
Mississippi	1976	1.0 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mississippi	1977	1.0 (0.98–1.01)
Mississippi	1978	1.0 (0.99–1.01)
Mississippi	1979	1.0 (0.99–1.01)
Mississippi	1980	1.0 (0.99–1.01)
Mississippi	1981	1.0 (0.98–1.01)
Mississippi	1982	1.0 (0.99–1.01)
Mississippi	1983	1.0 (0.98–1.01)
Mississippi	1984	1.0 (0.98–1.01)
Mississippi	1985	1.0 (0.99–1.02)
Mississippi	1986	1.0 (0.99–1.01)
Mississippi	1987	1.0 (0.99–1.01)
Mississippi	1988	1.0 (0.99–1.02)
Mississippi	1989	1.01 (0.99–1.02)
Mississippi	1990	1.0 (0.98–1.01)
Mississippi	1991	1.0 (0.99–1.01)
Mississippi	1992	0.99 (0.98–1.01)
Mississippi	1993	1.0 (0.99–1.02)
Mississippi	1994	1.0 (0.99–1.02)
Mississippi	1995	0.99 (0.98–1.01)
Mississippi	1996	1.0 (0.98–1.01)
Mississippi	1997	1.0 (0.98–1.02)
Mississippi	1998	1.01 (0.99–1.02)
Mississippi	1999	1.0 (0.99–1.01)
Mississippi	2000	1.0 (0.99–1.01)
Mississippi	2001	0.99 (0.98–1.01)
Mississippi	2002	1.0 (0.98–1.02)
Mississippi	2003	1.0 (0.98–1.02)
Mississippi	2004	1.0 (0.98–1.01)
Mississippi	2005	1.0 (0.99–1.01)
Mississippi	2006	1.0 (0.98–1.02)
Mississippi	2007	1.01 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mississippi	2008	1.0 (0.99–1.02)
Mississippi	2009	1.0 (0.98–1.01)
Mississippi	2010	0.99 (0.98–1.01)
Mississippi	2011	1.0 (0.98–1.02)
Mississippi	2012	1.0 (0.98–1.02)
Mississippi	2013	1.0 (0.98–1.02)
Mississippi	2014	1.0 (0.98–1.02)
Mississippi	2015	1.0 (0.98–1.03)
Mississippi	2016	1.03 (0.93–1.13)
Mississippi	2017	1.02 (0.87–1.18)
Missouri	1950	0.81 (0.67–0.97)
Missouri	1951	0.86 (0.71–1.01)
Missouri	1952	0.87 (0.74–1.02)
Missouri	1953	0.87 (0.73–1.02)
Missouri	1954	0.85 (0.71–1.0)
Missouri	1955	0.87 (0.73–1.01)
Missouri	1956	0.89 (0.77–1.02)
Missouri	1957	0.93 (0.83–1.03)
Missouri	1958	0.96 (0.9–1.02)
Missouri	1959	1.0 (0.99–1.01)
Missouri	1960	1.0 (0.99–1.01)
Missouri	1961	1.0 (0.99–1.01)
Missouri	1962	1.0 (0.99–1.01)
Missouri	1963	1.01 (0.99–1.02)
Missouri	1964	1.0 (0.99–1.01)
Missouri	1965	1.0 (0.98–1.02)
Missouri	1966	1.0 (0.98–1.02)
Missouri	1967	1.0 (0.98–1.01)
Missouri	1968	1.0 (0.98–1.01)
Missouri	1969	1.0 (0.99–1.02)
Missouri	1970	1.01 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Missouri	1971	1.0 (0.98–1.01)
Missouri	1972	1.0 (0.99–1.01)
Missouri	1973	1.0 (0.99–1.02)
Missouri	1974	1.0 (0.99–1.02)
Missouri	1975	1.0 (0.98–1.01)
Missouri	1976	1.0 (0.99–1.02)
Missouri	1977	1.0 (0.98–1.01)
Missouri	1978	1.0 (0.99–1.01)
Missouri	1979	1.0 (0.99–1.01)
Missouri	1980	1.0 (0.99–1.01)
Missouri	1981	1.0 (0.98–1.01)
Missouri	1982	1.0 (0.99–1.01)
Missouri	1983	1.0 (0.98–1.01)
Missouri	1984	1.0 (0.98–1.01)
Missouri	1985	1.0 (0.99–1.02)
Missouri	1986	1.0 (0.99–1.01)
Missouri	1987	1.0 (0.99–1.01)
Missouri	1988	1.0 (0.99–1.02)
Missouri	1989	1.01 (0.99–1.02)
Missouri	1990	1.0 (0.98–1.01)
Missouri	1991	1.0 (0.99–1.01)
Missouri	1992	0.99 (0.98–1.01)
Missouri	1993	1.0 (0.99–1.02)
Missouri	1994	1.0 (0.99–1.02)
Missouri	1995	0.99 (0.98–1.01)
Missouri	1996	1.0 (0.98–1.01)
Missouri	1997	1.0 (0.98–1.02)
Missouri	1998	1.01 (0.99–1.02)
Missouri	1999	1.0 (0.99–1.01)
Missouri	2000	1.0 (0.99–1.01)
Missouri	2001	0.99 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Missouri	2002	1.0 (0.98–1.02)
Missouri	2003	1.0 (0.98–1.02)
Missouri	2004	1.0 (0.98–1.01)
Missouri	2005	1.0 (0.99–1.01)
Missouri	2006	1.0 (0.98–1.02)
Missouri	2007	1.01 (0.99–1.02)
Missouri	2008	1.0 (0.99–1.02)
Missouri	2009	1.0 (0.98–1.01)
Missouri	2010	0.99 (0.97–1.01)
Missouri	2011	1.0 (0.98–1.02)
Missouri	2012	1.0 (0.98–1.02)
Missouri	2013	1.0 (0.98–1.02)
Missouri	2014	1.0 (0.98–1.02)
Missouri	2015	1.0 (0.98–1.03)
Missouri	2016	1.03 (0.93–1.13)
Missouri	2017	1.02 (0.87–1.18)
Montana	1950	0.81 (0.67–0.97)
Montana	1951	0.86 (0.71–1.01)
Montana	1952	0.87 (0.74–1.02)
Montana	1953	0.87 (0.73–1.02)
Montana	1954	0.85 (0.71–1.0)
Montana	1955	0.87 (0.73–1.01)
Montana	1956	0.89 (0.77–1.02)
Montana	1957	0.93 (0.83–1.03)
Montana	1958	0.96 (0.91–1.02)
Montana	1959	1.0 (0.99–1.01)
Montana	1960	1.0 (0.99–1.01)
Montana	1961	1.0 (0.99–1.01)
Montana	1962	1.0 (0.99–1.01)
Montana	1963	1.01 (0.99–1.02)
Montana	1964	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Montana	1965	1.0 (0.98–1.02)
Montana	1966	1.0 (0.98–1.02)
Montana	1967	1.0 (0.98–1.01)
Montana	1968	1.0 (0.98–1.01)
Montana	1969	1.0 (0.99–1.02)
Montana	1970	1.01 (0.99–1.02)
Montana	1971	1.0 (0.98–1.01)
Montana	1972	1.0 (0.99–1.01)
Montana	1973	1.0 (0.99–1.02)
Montana	1974	1.0 (0.99–1.02)
Montana	1975	1.0 (0.98–1.01)
Montana	1976	1.0 (0.99–1.02)
Montana	1977	1.0 (0.98–1.01)
Montana	1978	1.0 (0.99–1.01)
Montana	1979	1.0 (0.99–1.01)
Montana	1980	1.0 (0.99–1.01)
Montana	1981	1.0 (0.98–1.01)
Montana	1982	1.0 (0.99–1.01)
Montana	1983	1.0 (0.98–1.01)
Montana	1984	1.0 (0.98–1.01)
Montana	1985	1.0 (0.99–1.02)
Montana	1986	1.0 (0.99–1.01)
Montana	1987	1.0 (0.99–1.01)
Montana	1988	1.0 (0.99–1.02)
Montana	1989	1.01 (0.99–1.02)
Montana	1990	1.0 (0.98–1.01)
Montana	1991	1.0 (0.99–1.01)
Montana	1992	0.99 (0.98–1.01)
Montana	1993	1.0 (0.99–1.02)
Montana	1994	1.0 (0.99–1.02)
Montana	1995	0.99 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Montana	1996	1.0 (0.98–1.01)
Montana	1997	1.0 (0.98–1.02)
Montana	1998	1.01 (0.99–1.02)
Montana	1999	1.0 (0.99–1.01)
Montana	2000	1.0 (0.99–1.01)
Montana	2001	0.99 (0.98–1.01)
Montana	2002	1.0 (0.98–1.02)
Montana	2003	1.0 (0.98–1.02)
Montana	2004	1.0 (0.98–1.01)
Montana	2005	1.0 (0.99–1.01)
Montana	2006	1.0 (0.98–1.02)
Montana	2007	1.01 (0.99–1.02)
Montana	2008	1.0 (0.99–1.02)
Montana	2009	1.0 (0.98–1.01)
Montana	2010	0.99 (0.97–1.01)
Montana	2011	1.0 (0.98–1.02)
Montana	2012	1.0 (0.98–1.02)
Montana	2013	1.0 (0.98–1.02)
Montana	2014	1.0 (0.98–1.02)
Montana	2015	1.0 (0.98–1.03)
Montana	2016	1.03 (0.93–1.13)
Montana	2017	1.02 (0.87–1.18)
Nebraska	1950	0.81 (0.67–0.97)
Nebraska	1951	0.86 (0.71–1.01)
Nebraska	1952	0.87 (0.74–1.02)
Nebraska	1953	0.87 (0.73–1.02)
Nebraska	1954	0.85 (0.71–1.0)
Nebraska	1955	0.87 (0.73–1.01)
Nebraska	1956	0.89 (0.77–1.02)
Nebraska	1957	0.93 (0.83–1.03)
Nebraska	1958	0.96 (0.9–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nebraska	1959	1.0 (0.99–1.01)
Nebraska	1960	1.0 (0.99–1.01)
Nebraska	1961	1.0 (0.99–1.01)
Nebraska	1962	1.0 (0.99–1.01)
Nebraska	1963	1.01 (0.99–1.02)
Nebraska	1964	1.0 (0.99–1.01)
Nebraska	1965	1.0 (0.98–1.02)
Nebraska	1966	1.0 (0.98–1.02)
Nebraska	1967	1.0 (0.98–1.01)
Nebraska	1968	1.0 (0.98–1.01)
Nebraska	1969	1.0 (0.99–1.02)
Nebraska	1970	1.01 (0.99–1.02)
Nebraska	1971	1.0 (0.98–1.01)
Nebraska	1972	1.0 (0.99–1.01)
Nebraska	1973	1.0 (0.99–1.02)
Nebraska	1974	1.0 (0.99–1.02)
Nebraska	1975	1.0 (0.98–1.01)
Nebraska	1976	1.0 (0.99–1.02)
Nebraska	1977	1.0 (0.98–1.01)
Nebraska	1978	1.0 (0.99–1.01)
Nebraska	1979	1.0 (0.99–1.01)
Nebraska	1980	1.0 (0.99–1.01)
Nebraska	1981	1.0 (0.98–1.01)
Nebraska	1982	1.0 (0.99–1.01)
Nebraska	1983	1.0 (0.98–1.01)
Nebraska	1984	1.0 (0.98–1.01)
Nebraska	1985	1.0 (0.99–1.02)
Nebraska	1986	1.0 (0.99–1.01)
Nebraska	1987	1.0 (0.99–1.01)
Nebraska	1988	1.0 (0.99–1.02)
Nebraska	1989	1.01 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nebraska	1990	1.0 (0.98–1.01)
Nebraska	1991	1.0 (0.99–1.01)
Nebraska	1992	0.99 (0.98–1.01)
Nebraska	1993	1.0 (0.99–1.02)
Nebraska	1994	1.0 (0.99–1.02)
Nebraska	1995	0.99 (0.98–1.01)
Nebraska	1996	1.0 (0.98–1.01)
Nebraska	1997	1.0 (0.98–1.02)
Nebraska	1998	1.01 (0.99–1.02)
Nebraska	1999	1.0 (0.99–1.01)
Nebraska	2000	1.0 (0.99–1.01)
Nebraska	2001	0.99 (0.98–1.01)
Nebraska	2002	1.0 (0.98–1.02)
Nebraska	2003	1.0 (0.98–1.02)
Nebraska	2004	1.0 (0.98–1.01)
Nebraska	2005	1.0 (0.99–1.01)
Nebraska	2006	1.0 (0.98–1.02)
Nebraska	2007	1.01 (0.99–1.02)
Nebraska	2008	1.0 (0.99–1.02)
Nebraska	2009	1.0 (0.98–1.01)
Nebraska	2010	0.99 (0.97–1.01)
Nebraska	2011	1.0 (0.98–1.02)
Nebraska	2012	1.0 (0.98–1.02)
Nebraska	2013	1.0 (0.98–1.02)
Nebraska	2014	1.0 (0.98–1.02)
Nebraska	2015	1.0 (0.98–1.03)
Nebraska	2016	1.03 (0.93–1.13)
Nebraska	2017	1.02 (0.87–1.18)
Nevada	1950	0.81 (0.67–0.97)
Nevada	1951	0.86 (0.71–1.01)
Nevada	1952	0.87 (0.74–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nevada	1953	0.87 (0.73–1.02)
Nevada	1954	0.86 (0.71–1.0)
Nevada	1955	0.87 (0.73–1.01)
Nevada	1956	0.89 (0.77–1.02)
Nevada	1957	0.93 (0.83–1.03)
Nevada	1958	0.96 (0.91–1.02)
Nevada	1959	1.0 (0.99–1.01)
Nevada	1960	1.0 (0.99–1.01)
Nevada	1961	1.0 (0.99–1.01)
Nevada	1962	1.0 (0.99–1.01)
Nevada	1963	1.01 (0.99–1.02)
Nevada	1964	1.0 (0.99–1.01)
Nevada	1965	1.0 (0.98–1.02)
Nevada	1966	1.0 (0.98–1.02)
Nevada	1967	1.0 (0.98–1.01)
Nevada	1968	1.0 (0.98–1.01)
Nevada	1969	1.0 (0.99–1.02)
Nevada	1970	1.01 (0.99–1.02)
Nevada	1971	1.0 (0.98–1.01)
Nevada	1972	1.0 (0.99–1.01)
Nevada	1973	1.0 (0.99–1.02)
Nevada	1974	1.0 (0.99–1.02)
Nevada	1975	1.0 (0.98–1.01)
Nevada	1976	1.0 (0.99–1.02)
Nevada	1977	1.0 (0.98–1.01)
Nevada	1978	1.0 (0.99–1.01)
Nevada	1979	1.0 (0.99–1.01)
Nevada	1980	1.0 (0.99–1.01)
Nevada	1981	1.0 (0.98–1.01)
Nevada	1982	1.0 (0.99–1.01)
Nevada	1983	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nevada	1984	1.0 (0.98–1.01)
Nevada	1985	1.0 (0.99–1.02)
Nevada	1986	1.0 (0.99–1.01)
Nevada	1987	1.0 (0.99–1.01)
Nevada	1988	1.0 (0.99–1.02)
Nevada	1989	1.01 (0.99–1.02)
Nevada	1990	1.0 (0.98–1.01)
Nevada	1991	1.0 (0.99–1.01)
Nevada	1992	0.99 (0.98–1.01)
Nevada	1993	1.0 (0.99–1.02)
Nevada	1994	1.0 (0.99–1.02)
Nevada	1995	0.99 (0.98–1.01)
Nevada	1996	1.0 (0.98–1.01)
Nevada	1997	1.0 (0.98–1.02)
Nevada	1998	1.01 (0.99–1.02)
Nevada	1999	1.0 (0.99–1.01)
Nevada	2000	1.0 (0.99–1.01)
Nevada	2001	0.99 (0.98–1.01)
Nevada	2002	1.0 (0.98–1.02)
Nevada	2003	1.0 (0.98–1.02)
Nevada	2004	1.0 (0.98–1.01)
Nevada	2005	1.0 (0.99–1.01)
Nevada	2006	1.0 (0.98–1.02)
Nevada	2007	1.01 (0.99–1.02)
Nevada	2008	1.0 (0.99–1.02)
Nevada	2009	1.0 (0.98–1.01)
Nevada	2010	0.99 (0.97–1.01)
Nevada	2011	1.0 (0.98–1.02)
Nevada	2012	1.0 (0.98–1.02)
Nevada	2013	1.0 (0.98–1.02)
Nevada	2014	1.0 (0.98–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nevada	2015	1.0 (0.98–1.03)
Nevada	2016	1.03 (0.93–1.13)
Nevada	2017	1.02 (0.87–1.18)
New Hampshire	1950	0.81 (0.67–0.97)
New Hampshire	1951	0.86 (0.71–1.01)
New Hampshire	1952	0.87 (0.74–1.02)
New Hampshire	1953	0.87 (0.73–1.02)
New Hampshire	1954	0.85 (0.71–1.0)
New Hampshire	1955	0.87 (0.73–1.01)
New Hampshire	1956	0.89 (0.77–1.02)
New Hampshire	1957	0.93 (0.83–1.03)
New Hampshire	1958	0.96 (0.9–1.02)
New Hampshire	1959	1.0 (0.99–1.01)
New Hampshire	1960	1.0 (0.99–1.01)
New Hampshire	1961	1.0 (0.99–1.01)
New Hampshire	1962	1.0 (0.99–1.01)
New Hampshire	1963	1.01 (0.99–1.02)
New Hampshire	1964	1.0 (0.99–1.01)
New Hampshire	1965	1.0 (0.98–1.02)
New Hampshire	1966	1.0 (0.98–1.02)
New Hampshire	1967	1.0 (0.98–1.01)
New Hampshire	1968	1.0 (0.98–1.01)
New Hampshire	1969	1.0 (0.99–1.02)
New Hampshire	1970	1.01 (0.99–1.02)
New Hampshire	1971	1.0 (0.98–1.01)
New Hampshire	1972	1.0 (0.99–1.01)
New Hampshire	1973	1.0 (0.99–1.02)
New Hampshire	1974	1.0 (0.99–1.02)
New Hampshire	1975	1.0 (0.98–1.01)
New Hampshire	1976	1.0 (0.99–1.02)
New Hampshire	1977	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
New Hampshire	1978	1.0 (0.99–1.01)
New Hampshire	1979	1.0 (0.99–1.01)
New Hampshire	1980	1.0 (0.99–1.01)
New Hampshire	1981	1.0 (0.98–1.01)
New Hampshire	1982	1.0 (0.99–1.01)
New Hampshire	1983	1.0 (0.98–1.01)
New Hampshire	1984	1.0 (0.98–1.01)
New Hampshire	1985	1.0 (0.99–1.02)
New Hampshire	1986	1.0 (0.99–1.01)
New Hampshire	1987	1.0 (0.99–1.01)
New Hampshire	1988	1.0 (0.99–1.02)
New Hampshire	1989	1.01 (0.99–1.02)
New Hampshire	1990	1.0 (0.98–1.01)
New Hampshire	1991	1.0 (0.99–1.01)
New Hampshire	1992	0.99 (0.98–1.01)
New Hampshire	1993	1.0 (0.99–1.02)
New Hampshire	1994	1.0 (0.99–1.02)
New Hampshire	1995	0.99 (0.98–1.01)
New Hampshire	1996	1.0 (0.98–1.01)
New Hampshire	1997	1.0 (0.98–1.02)
New Hampshire	1998	1.01 (0.99–1.02)
New Hampshire	1999	1.0 (0.99–1.01)
New Hampshire	2000	1.0 (0.99–1.01)
New Hampshire	2001	0.99 (0.98–1.01)
New Hampshire	2002	1.0 (0.98–1.02)
New Hampshire	2003	1.0 (0.98–1.02)
New Hampshire	2004	1.0 (0.98–1.01)
New Hampshire	2005	1.0 (0.99–1.01)
New Hampshire	2006	1.0 (0.98–1.02)
New Hampshire	2007	1.01 (0.99–1.02)
New Hampshire	2008	1.0 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
New Hampshire	2009	1.0 (0.98–1.01)
New Hampshire	2010	0.99 (0.97–1.01)
New Hampshire	2011	1.0 (0.98–1.02)
New Hampshire	2012	1.0 (0.98–1.02)
New Hampshire	2013	1.0 (0.98–1.02)
New Hampshire	2014	1.0 (0.98–1.02)
New Hampshire	2015	1.0 (0.98–1.03)
New Hampshire	2016	1.03 (0.93–1.13)
New Hampshire	2017	1.02 (0.87–1.18)
New Jersey	1950	0.81 (0.67–0.97)
New Jersey	1951	0.86 (0.71–1.01)
New Jersey	1952	0.87 (0.74–1.02)
New Jersey	1953	0.87 (0.73–1.02)
New Jersey	1954	0.85 (0.71–1.0)
New Jersey	1955	0.87 (0.73–1.01)
New Jersey	1956	0.89 (0.77–1.02)
New Jersey	1957	0.93 (0.83–1.03)
New Jersey	1958	0.96 (0.9–1.02)
New Jersey	1959	1.0 (0.99–1.01)
New Jersey	1960	1.0 (0.99–1.01)
New Jersey	1961	1.0 (0.99–1.01)
New Jersey	1962	1.0 (0.99–1.01)
New Jersey	1963	1.01 (0.99–1.02)
New Jersey	1964	1.0 (0.99–1.01)
New Jersey	1965	1.0 (0.98–1.02)
New Jersey	1966	1.0 (0.98–1.02)
New Jersey	1967	1.0 (0.98–1.01)
New Jersey	1968	1.0 (0.98–1.01)
New Jersey	1969	1.0 (0.99–1.02)
New Jersey	1970	1.01 (0.99–1.02)
New Jersey	1971	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
New Jersey	1972	1.0 (0.99–1.01)
New Jersey	1973	1.0 (0.99–1.02)
New Jersey	1974	1.0 (0.99–1.02)
New Jersey	1975	1.0 (0.98–1.01)
New Jersey	1976	1.0 (0.99–1.02)
New Jersey	1977	1.0 (0.98–1.01)
New Jersey	1978	1.0 (0.99–1.01)
New Jersey	1979	1.0 (0.99–1.01)
New Jersey	1980	1.0 (0.99–1.01)
New Jersey	1981	1.0 (0.98–1.01)
New Jersey	1982	1.0 (0.99–1.01)
New Jersey	1983	1.0 (0.98–1.01)
New Jersey	1984	1.0 (0.98–1.01)
New Jersey	1985	1.0 (0.99–1.02)
New Jersey	1986	1.0 (0.99–1.01)
New Jersey	1987	1.0 (0.99–1.01)
New Jersey	1988	1.0 (0.99–1.02)
New Jersey	1989	1.01 (0.99–1.02)
New Jersey	1990	1.0 (0.98–1.01)
New Jersey	1991	1.0 (0.99–1.01)
New Jersey	1992	0.99 (0.98–1.01)
New Jersey	1993	1.0 (0.99–1.02)
New Jersey	1994	1.0 (0.99–1.02)
New Jersey	1995	0.99 (0.98–1.01)
New Jersey	1996	1.0 (0.98–1.01)
New Jersey	1997	1.0 (0.98–1.02)
New Jersey	1998	1.01 (0.99–1.02)
New Jersey	1999	1.0 (0.99–1.01)
New Jersey	2000	1.0 (0.99–1.01)
New Jersey	2001	0.99 (0.98–1.01)
New Jersey	2002	1.0 (0.98–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
New Jersey	2003	1.0 (0.98–1.02)
New Jersey	2004	1.0 (0.98–1.01)
New Jersey	2005	1.0 (0.99–1.01)
New Jersey	2006	1.0 (0.98–1.02)
New Jersey	2007	1.01 (0.99–1.02)
New Jersey	2008	1.0 (0.99–1.02)
New Jersey	2009	1.0 (0.98–1.01)
New Jersey	2010	0.99 (0.97–1.01)
New Jersey	2011	1.0 (0.98–1.02)
New Jersey	2012	1.0 (0.98–1.02)
New Jersey	2013	1.0 (0.98–1.02)
New Jersey	2014	1.0 (0.98–1.02)
New Jersey	2015	1.0 (0.98–1.03)
New Jersey	2016	1.03 (0.93–1.13)
New Jersey	2017	1.02 (0.87–1.18)
New Mexico	1950	0.81 (0.67–0.97)
New Mexico	1951	0.86 (0.71–1.01)
New Mexico	1952	0.87 (0.74–1.02)
New Mexico	1953	0.87 (0.73–1.02)
New Mexico	1954	0.86 (0.72–1.0)
New Mexico	1955	0.87 (0.73–1.01)
New Mexico	1956	0.89 (0.77–1.02)
New Mexico	1957	0.93 (0.83–1.03)
New Mexico	1958	0.96 (0.91–1.02)
New Mexico	1959	1.0 (0.99–1.01)
New Mexico	1960	1.0 (0.99–1.01)
New Mexico	1961	1.0 (0.99–1.01)
New Mexico	1962	1.0 (0.99–1.01)
New Mexico	1963	1.01 (0.99–1.02)
New Mexico	1964	1.0 (0.99–1.01)
New Mexico	1965	1.0 (0.98–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
New Mexico	1966	1.0 (0.98–1.02)
New Mexico	1967	1.0 (0.98–1.01)
New Mexico	1968	1.0 (0.98–1.01)
New Mexico	1969	1.0 (0.99–1.02)
New Mexico	1970	1.01 (0.99–1.02)
New Mexico	1971	1.0 (0.98–1.01)
New Mexico	1972	1.0 (0.99–1.01)
New Mexico	1973	1.0 (0.99–1.02)
New Mexico	1974	1.0 (0.99–1.02)
New Mexico	1975	1.0 (0.98–1.01)
New Mexico	1976	1.0 (0.99–1.02)
New Mexico	1977	1.0 (0.98–1.01)
New Mexico	1978	1.0 (0.99–1.01)
New Mexico	1979	1.0 (0.99–1.01)
New Mexico	1980	1.0 (0.99–1.01)
New Mexico	1981	1.0 (0.98–1.01)
New Mexico	1982	1.0 (0.99–1.01)
New Mexico	1983	1.0 (0.98–1.01)
New Mexico	1984	1.0 (0.98–1.01)
New Mexico	1985	1.0 (0.99–1.02)
New Mexico	1986	1.0 (0.99–1.01)
New Mexico	1987	1.0 (0.99–1.01)
New Mexico	1988	1.0 (0.99–1.02)
New Mexico	1989	1.01 (0.99–1.02)
New Mexico	1990	1.0 (0.98–1.01)
New Mexico	1991	1.0 (0.99–1.01)
New Mexico	1992	0.99 (0.98–1.01)
New Mexico	1993	1.0 (0.99–1.02)
New Mexico	1994	1.0 (0.99–1.02)
New Mexico	1995	0.99 (0.98–1.01)
New Mexico	1996	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
New Mexico	1997	1.0 (0.98–1.02)
New Mexico	1998	1.01 (0.99–1.02)
New Mexico	1999	1.0 (0.99–1.01)
New Mexico	2000	1.0 (0.99–1.01)
New Mexico	2001	0.99 (0.98–1.01)
New Mexico	2002	1.0 (0.98–1.02)
New Mexico	2003	1.0 (0.98–1.02)
New Mexico	2004	1.0 (0.98–1.01)
New Mexico	2005	1.0 (0.99–1.01)
New Mexico	2006	1.0 (0.98–1.02)
New Mexico	2007	1.01 (0.99–1.02)
New Mexico	2008	1.0 (0.99–1.02)
New Mexico	2009	1.0 (0.98–1.01)
New Mexico	2010	0.99 (0.97–1.01)
New Mexico	2011	1.0 (0.98–1.02)
New Mexico	2012	1.0 (0.98–1.02)
New Mexico	2013	1.0 (0.98–1.02)
New Mexico	2014	1.0 (0.98–1.02)
New Mexico	2015	1.0 (0.98–1.03)
New Mexico	2016	1.03 (0.93–1.13)
New Mexico	2017	1.02 (0.87–1.18)
New York	1950	0.81 (0.67–0.97)
New York	1951	0.86 (0.71–1.01)
New York	1952	0.87 (0.74–1.02)
New York	1953	0.87 (0.73–1.02)
New York	1954	0.85 (0.71–1.0)
New York	1955	0.87 (0.73–1.01)
New York	1956	0.89 (0.77–1.02)
New York	1957	0.93 (0.83–1.03)
New York	1958	0.96 (0.9–1.02)
New York	1959	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
New York	1960	1.0 (0.99–1.01)
New York	1961	1.0 (0.99–1.01)
New York	1962	1.0 (0.99–1.01)
New York	1963	1.01 (0.99–1.02)
New York	1964	1.0 (0.99–1.01)
New York	1965	1.0 (0.98–1.02)
New York	1966	1.0 (0.98–1.02)
New York	1967	1.0 (0.98–1.01)
New York	1968	1.0 (0.98–1.01)
New York	1969	1.0 (0.99–1.02)
New York	1970	1.01 (0.99–1.02)
New York	1971	1.0 (0.98–1.01)
New York	1972	1.0 (0.99–1.01)
New York	1973	1.0 (0.99–1.02)
New York	1974	1.0 (0.99–1.02)
New York	1975	1.0 (0.98–1.01)
New York	1976	1.0 (0.99–1.02)
New York	1977	1.0 (0.98–1.01)
New York	1978	1.0 (0.99–1.01)
New York	1979	1.0 (0.99–1.01)
New York	1980	1.0 (0.99–1.01)
New York	1981	1.0 (0.98–1.01)
New York	1982	1.0 (0.99–1.01)
New York	1983	1.0 (0.98–1.01)
New York	1984	1.0 (0.98–1.01)
New York	1985	1.0 (0.99–1.02)
New York	1986	1.0 (0.99–1.01)
New York	1987	1.0 (0.99–1.01)
New York	1988	1.0 (0.99–1.02)
New York	1989	1.01 (0.99–1.02)
New York	1990	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
New York	1991	1.0 (0.99–1.01)
New York	1992	0.99 (0.98–1.01)
New York	1993	1.0 (0.99–1.02)
New York	1994	1.0 (0.99–1.02)
New York	1995	0.99 (0.98–1.01)
New York	1996	1.0 (0.98–1.01)
New York	1997	1.0 (0.98–1.02)
New York	1998	1.01 (0.99–1.02)
New York	1999	1.0 (0.99–1.01)
New York	2000	1.0 (0.99–1.01)
New York	2001	0.99 (0.98–1.01)
New York	2002	1.0 (0.98–1.02)
New York	2003	1.0 (0.98–1.02)
New York	2004	1.0 (0.98–1.01)
New York	2005	1.0 (0.99–1.01)
New York	2006	1.0 (0.98–1.02)
New York	2007	1.01 (0.99–1.02)
New York	2008	1.0 (0.99–1.02)
New York	2009	1.0 (0.98–1.01)
New York	2010	0.99 (0.97–1.01)
New York	2011	1.0 (0.98–1.02)
New York	2012	1.0 (0.98–1.02)
New York	2013	1.0 (0.98–1.02)
New York	2014	1.0 (0.98–1.02)
New York	2015	1.0 (0.98–1.03)
New York	2016	1.03 (0.93–1.13)
New York	2017	1.02 (0.87–1.18)
North Carolina	1950	0.81 (0.67–0.97)
North Carolina	1951	0.86 (0.71–1.01)
North Carolina	1952	0.87 (0.74–1.02)
North Carolina	1953	0.87 (0.73–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North Carolina	1954	0.86 (0.72–1.0)
North Carolina	1955	0.87 (0.73–1.01)
North Carolina	1956	0.89 (0.77–1.02)
North Carolina	1957	0.93 (0.83–1.03)
North Carolina	1958	0.96 (0.91–1.02)
North Carolina	1959	1.0 (0.99–1.01)
North Carolina	1960	1.0 (0.99–1.01)
North Carolina	1961	1.0 (0.99–1.01)
North Carolina	1962	1.0 (0.99–1.01)
North Carolina	1963	1.01 (0.99–1.02)
North Carolina	1964	1.0 (0.99–1.01)
North Carolina	1965	1.0 (0.98–1.02)
North Carolina	1966	1.0 (0.98–1.02)
North Carolina	1967	1.0 (0.98–1.01)
North Carolina	1968	1.0 (0.98–1.01)
North Carolina	1969	1.0 (0.99–1.02)
North Carolina	1970	1.01 (0.99–1.02)
North Carolina	1971	1.0 (0.98–1.01)
North Carolina	1972	1.0 (0.99–1.01)
North Carolina	1973	1.0 (0.99–1.02)
North Carolina	1974	1.0 (0.99–1.02)
North Carolina	1975	1.0 (0.98–1.01)
North Carolina	1976	1.0 (0.99–1.02)
North Carolina	1977	1.0 (0.98–1.01)
North Carolina	1978	1.0 (0.99–1.01)
North Carolina	1979	1.0 (0.99–1.01)
North Carolina	1980	1.0 (0.99–1.01)
North Carolina	1981	1.0 (0.98–1.01)
North Carolina	1982	1.0 (0.99–1.01)
North Carolina	1983	1.0 (0.98–1.01)
North Carolina	1984	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North Carolina	1985	1.0 (0.99–1.02)
North Carolina	1986	1.0 (0.99–1.01)
North Carolina	1987	1.0 (0.99–1.01)
North Carolina	1988	1.0 (0.99–1.02)
North Carolina	1989	1.01 (0.99–1.02)
North Carolina	1990	1.0 (0.98–1.01)
North Carolina	1991	1.0 (0.99–1.01)
North Carolina	1992	0.99 (0.98–1.01)
North Carolina	1993	1.0 (0.99–1.02)
North Carolina	1994	1.0 (0.99–1.02)
North Carolina	1995	0.99 (0.98–1.01)
North Carolina	1996	1.0 (0.98–1.01)
North Carolina	1997	1.0 (0.98–1.02)
North Carolina	1998	1.01 (0.99–1.02)
North Carolina	1999	1.0 (0.99–1.01)
North Carolina	2000	1.0 (0.99–1.01)
North Carolina	2001	0.99 (0.98–1.01)
North Carolina	2002	1.0 (0.98–1.02)
North Carolina	2003	1.0 (0.98–1.02)
North Carolina	2004	1.0 (0.98–1.01)
North Carolina	2005	1.0 (0.99–1.01)
North Carolina	2006	1.0 (0.98–1.02)
North Carolina	2007	1.01 (0.99–1.02)
North Carolina	2008	1.0 (0.99–1.02)
North Carolina	2009	1.0 (0.98–1.01)
North Carolina	2010	0.99 (0.97–1.01)
North Carolina	2011	1.0 (0.98–1.02)
North Carolina	2012	1.0 (0.98–1.02)
North Carolina	2013	1.0 (0.98–1.02)
North Carolina	2014	1.0 (0.98–1.02)
North Carolina	2015	1.0 (0.98–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North Carolina	2016	1.03 (0.93–1.13)
North Carolina	2017	1.02 (0.87–1.18)
North Dakota	1950	0.81 (0.67–0.97)
North Dakota	1951	0.86 (0.71–1.01)
North Dakota	1952	0.87 (0.74–1.02)
North Dakota	1953	0.87 (0.73–1.02)
North Dakota	1954	0.85 (0.71–1.0)
North Dakota	1955	0.87 (0.73–1.01)
North Dakota	1956	0.89 (0.77–1.02)
North Dakota	1957	0.93 (0.83–1.03)
North Dakota	1958	0.96 (0.9–1.02)
North Dakota	1959	1.0 (0.99–1.01)
North Dakota	1960	1.0 (0.99–1.01)
North Dakota	1961	1.0 (0.99–1.01)
North Dakota	1962	1.0 (0.99–1.01)
North Dakota	1963	1.01 (0.99–1.02)
North Dakota	1964	1.0 (0.99–1.01)
North Dakota	1965	1.0 (0.98–1.02)
North Dakota	1966	1.0 (0.98–1.02)
North Dakota	1967	1.0 (0.98–1.01)
North Dakota	1968	1.0 (0.98–1.01)
North Dakota	1969	1.0 (0.99–1.02)
North Dakota	1970	1.01 (0.99–1.02)
North Dakota	1971	1.0 (0.98–1.01)
North Dakota	1972	1.0 (0.99–1.01)
North Dakota	1973	1.0 (0.99–1.02)
North Dakota	1974	1.0 (0.99–1.02)
North Dakota	1975	1.0 (0.98–1.01)
North Dakota	1976	1.0 (0.99–1.02)
North Dakota	1977	1.0 (0.98–1.01)
North Dakota	1978	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North Dakota	1979	1.0 (0.99–1.01)
North Dakota	1980	1.0 (0.99–1.01)
North Dakota	1981	1.0 (0.98–1.01)
North Dakota	1982	1.0 (0.99–1.01)
North Dakota	1983	1.0 (0.98–1.01)
North Dakota	1984	1.0 (0.98–1.01)
North Dakota	1985	1.0 (0.99–1.02)
North Dakota	1986	1.0 (0.99–1.01)
North Dakota	1987	1.0 (0.99–1.01)
North Dakota	1988	1.0 (0.99–1.02)
North Dakota	1989	1.01 (0.99–1.02)
North Dakota	1990	1.0 (0.98–1.01)
North Dakota	1991	1.0 (0.99–1.01)
North Dakota	1992	0.99 (0.98–1.01)
North Dakota	1993	1.0 (0.99–1.02)
North Dakota	1994	1.0 (0.99–1.02)
North Dakota	1995	0.99 (0.98–1.01)
North Dakota	1996	1.0 (0.98–1.01)
North Dakota	1997	1.0 (0.98–1.02)
North Dakota	1998	1.01 (0.99–1.02)
North Dakota	1999	1.0 (0.99–1.01)
North Dakota	2000	1.0 (0.99–1.01)
North Dakota	2001	0.99 (0.98–1.01)
North Dakota	2002	1.0 (0.98–1.02)
North Dakota	2003	1.0 (0.98–1.02)
North Dakota	2004	1.0 (0.98–1.01)
North Dakota	2005	1.0 (0.99–1.01)
North Dakota	2006	1.0 (0.98–1.02)
North Dakota	2007	1.01 (0.99–1.02)
North Dakota	2008	1.0 (0.99–1.02)
North Dakota	2009	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North Dakota	2010	0.99 (0.97–1.01)
North Dakota	2011	1.0 (0.98–1.02)
North Dakota	2012	1.0 (0.98–1.02)
North Dakota	2013	1.0 (0.98–1.02)
North Dakota	2014	1.0 (0.98–1.02)
North Dakota	2015	1.0 (0.98–1.03)
North Dakota	2016	1.03 (0.93–1.13)
North Dakota	2017	1.02 (0.87–1.18)
Ohio	1950	0.81 (0.67–0.97)
Ohio	1951	0.86 (0.71–1.01)
Ohio	1952	0.87 (0.74–1.02)
Ohio	1953	0.87 (0.73–1.02)
Ohio	1954	0.85 (0.71–1.0)
Ohio	1955	0.87 (0.73–1.01)
Ohio	1956	0.89 (0.77–1.02)
Ohio	1957	0.93 (0.83–1.03)
Ohio	1958	0.96 (0.9–1.02)
Ohio	1959	1.0 (0.99–1.01)
Ohio	1960	1.0 (0.99–1.01)
Ohio	1961	1.0 (0.99–1.01)
Ohio	1962	1.0 (0.99–1.01)
Ohio	1963	1.01 (0.99–1.02)
Ohio	1964	1.0 (0.99–1.01)
Ohio	1965	1.0 (0.98–1.02)
Ohio	1966	1.0 (0.98–1.02)
Ohio	1967	1.0 (0.98–1.01)
Ohio	1968	1.0 (0.98–1.01)
Ohio	1969	1.0 (0.99–1.02)
Ohio	1970	1.01 (0.99–1.02)
Ohio	1971	1.0 (0.98–1.01)
Ohio	1972	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ohio	1973	1.0 (0.99–1.02)
Ohio	1974	1.0 (0.99–1.02)
Ohio	1975	1.0 (0.98–1.01)
Ohio	1976	1.0 (0.99–1.02)
Ohio	1977	1.0 (0.98–1.01)
Ohio	1978	1.0 (0.99–1.01)
Ohio	1979	1.0 (0.99–1.01)
Ohio	1980	1.0 (0.99–1.01)
Ohio	1981	1.0 (0.98–1.01)
Ohio	1982	1.0 (0.99–1.01)
Ohio	1983	1.0 (0.98–1.01)
Ohio	1984	1.0 (0.98–1.01)
Ohio	1985	1.0 (0.99–1.02)
Ohio	1986	1.0 (0.99–1.01)
Ohio	1987	1.0 (0.99–1.01)
Ohio	1988	1.0 (0.99–1.02)
Ohio	1989	1.01 (0.99–1.02)
Ohio	1990	1.0 (0.98–1.01)
Ohio	1991	1.0 (0.99–1.01)
Ohio	1992	0.99 (0.98–1.01)
Ohio	1993	1.0 (0.99–1.02)
Ohio	1994	1.0 (0.99–1.02)
Ohio	1995	0.99 (0.98–1.01)
Ohio	1996	1.0 (0.98–1.01)
Ohio	1997	1.0 (0.98–1.02)
Ohio	1998	1.01 (0.99–1.02)
Ohio	1999	1.0 (0.99–1.01)
Ohio	2000	1.0 (0.99–1.01)
Ohio	2001	0.99 (0.98–1.01)
Ohio	2002	1.0 (0.98–1.02)
Ohio	2003	1.0 (0.98–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ohio	2004	1.0 (0.98–1.01)
Ohio	2005	1.0 (0.99–1.01)
Ohio	2006	1.0 (0.98–1.02)
Ohio	2007	1.01 (0.99–1.02)
Ohio	2008	1.0 (0.99–1.02)
Ohio	2009	1.0 (0.98–1.01)
Ohio	2010	0.99 (0.97–1.01)
Ohio	2011	1.0 (0.98–1.02)
Ohio	2012	1.0 (0.98–1.02)
Ohio	2013	1.0 (0.98–1.02)
Ohio	2014	1.0 (0.98–1.02)
Ohio	2015	1.0 (0.98–1.03)
Ohio	2016	1.03 (0.93–1.13)
Ohio	2017	1.02 (0.87–1.18)
Oklahoma	1950	0.81 (0.67–0.97)
Oklahoma	1951	0.86 (0.71–1.01)
Oklahoma	1952	0.87 (0.74–1.02)
Oklahoma	1953	0.87 (0.73–1.02)
Oklahoma	1954	0.85 (0.71–1.0)
Oklahoma	1955	0.87 (0.73–1.01)
Oklahoma	1956	0.89 (0.77–1.02)
Oklahoma	1957	0.93 (0.83–1.03)
Oklahoma	1958	0.96 (0.9–1.02)
Oklahoma	1959	1.0 (0.99–1.01)
Oklahoma	1960	1.0 (0.99–1.01)
Oklahoma	1961	1.0 (0.99–1.01)
Oklahoma	1962	1.0 (0.99–1.01)
Oklahoma	1963	1.01 (0.99–1.02)
Oklahoma	1964	1.0 (0.99–1.01)
Oklahoma	1965	1.0 (0.98–1.02)
Oklahoma	1966	1.0 (0.98–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Oklahoma	1967	1.0 (0.98–1.01)
Oklahoma	1968	1.0 (0.98–1.01)
Oklahoma	1969	1.0 (0.99–1.02)
Oklahoma	1970	1.01 (0.99–1.02)
Oklahoma	1971	1.0 (0.98–1.01)
Oklahoma	1972	1.0 (0.99–1.01)
Oklahoma	1973	1.0 (0.99–1.02)
Oklahoma	1974	1.0 (0.99–1.02)
Oklahoma	1975	1.0 (0.98–1.01)
Oklahoma	1976	1.0 (0.99–1.02)
Oklahoma	1977	1.0 (0.98–1.01)
Oklahoma	1978	1.0 (0.99–1.01)
Oklahoma	1979	1.0 (0.99–1.01)
Oklahoma	1980	1.0 (0.99–1.01)
Oklahoma	1981	1.0 (0.98–1.01)
Oklahoma	1982	1.0 (0.99–1.01)
Oklahoma	1983	1.0 (0.98–1.01)
Oklahoma	1984	1.0 (0.98–1.01)
Oklahoma	1985	1.0 (0.99–1.02)
Oklahoma	1986	1.0 (0.99–1.01)
Oklahoma	1987	1.0 (0.99–1.01)
Oklahoma	1988	1.0 (0.99–1.02)
Oklahoma	1989	1.01 (0.99–1.02)
Oklahoma	1990	1.0 (0.98–1.01)
Oklahoma	1991	1.0 (0.99–1.01)
Oklahoma	1992	0.99 (0.98–1.01)
Oklahoma	1993	1.0 (0.99–1.02)
Oklahoma	1994	1.0 (0.99–1.02)
Oklahoma	1995	0.99 (0.98–1.01)
Oklahoma	1996	1.0 (0.98–1.01)
Oklahoma	1997	1.0 (0.98–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Oklahoma	1998	1.01 (0.99–1.02)
Oklahoma	1999	1.0 (0.99–1.01)
Oklahoma	2000	1.0 (0.99–1.01)
Oklahoma	2001	0.99 (0.98–1.01)
Oklahoma	2002	1.0 (0.98–1.02)
Oklahoma	2003	1.0 (0.98–1.02)
Oklahoma	2004	1.0 (0.98–1.01)
Oklahoma	2005	1.0 (0.99–1.01)
Oklahoma	2006	1.0 (0.98–1.02)
Oklahoma	2007	1.01 (0.99–1.02)
Oklahoma	2008	1.0 (0.99–1.02)
Oklahoma	2009	1.0 (0.98–1.01)
Oklahoma	2010	0.99 (0.97–1.01)
Oklahoma	2011	1.0 (0.98–1.02)
Oklahoma	2012	1.0 (0.98–1.02)
Oklahoma	2013	1.0 (0.98–1.02)
Oklahoma	2014	1.0 (0.98–1.02)
Oklahoma	2015	1.0 (0.98–1.03)
Oklahoma	2016	1.03 (0.93–1.13)
Oklahoma	2017	1.02 (0.87–1.18)
Oregon	1950	0.81 (0.67–0.97)
Oregon	1951	0.86 (0.71–1.01)
Oregon	1952	0.87 (0.74–1.02)
Oregon	1953	0.87 (0.73–1.02)
Oregon	1954	0.85 (0.71–1.0)
Oregon	1955	0.87 (0.73–1.01)
Oregon	1956	0.89 (0.77–1.02)
Oregon	1957	0.93 (0.83–1.03)
Oregon	1958	0.96 (0.9–1.02)
Oregon	1959	1.0 (0.99–1.01)
Oregon	1960	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Oregon	1961	1.0 (0.99–1.01)
Oregon	1962	1.0 (0.99–1.01)
Oregon	1963	1.01 (0.99–1.02)
Oregon	1964	1.0 (0.99–1.01)
Oregon	1965	1.0 (0.98–1.02)
Oregon	1966	1.0 (0.98–1.02)
Oregon	1967	1.0 (0.98–1.01)
Oregon	1968	1.0 (0.98–1.01)
Oregon	1969	1.0 (0.99–1.02)
Oregon	1970	1.01 (0.99–1.02)
Oregon	1971	1.0 (0.98–1.01)
Oregon	1972	1.0 (0.99–1.01)
Oregon	1973	1.0 (0.99–1.02)
Oregon	1974	1.0 (0.99–1.02)
Oregon	1975	1.0 (0.98–1.01)
Oregon	1976	1.0 (0.99–1.02)
Oregon	1977	1.0 (0.98–1.01)
Oregon	1978	1.0 (0.99–1.01)
Oregon	1979	1.0 (0.99–1.01)
Oregon	1980	1.0 (0.99–1.01)
Oregon	1981	1.0 (0.98–1.01)
Oregon	1982	1.0 (0.99–1.01)
Oregon	1983	1.0 (0.98–1.01)
Oregon	1984	1.0 (0.98–1.01)
Oregon	1985	1.0 (0.99–1.02)
Oregon	1986	1.0 (0.99–1.01)
Oregon	1987	1.0 (0.99–1.01)
Oregon	1988	1.0 (0.99–1.02)
Oregon	1989	1.01 (0.99–1.02)
Oregon	1990	1.0 (0.98–1.01)
Oregon	1991	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Oregon	1992	0.99 (0.98–1.01)
Oregon	1993	1.0 (0.99–1.02)
Oregon	1994	1.0 (0.99–1.02)
Oregon	1995	0.99 (0.98–1.01)
Oregon	1996	1.0 (0.98–1.01)
Oregon	1997	1.0 (0.98–1.02)
Oregon	1998	1.01 (0.99–1.02)
Oregon	1999	1.0 (0.99–1.01)
Oregon	2000	1.0 (0.99–1.01)
Oregon	2001	0.99 (0.98–1.01)
Oregon	2002	1.0 (0.98–1.02)
Oregon	2003	1.0 (0.98–1.02)
Oregon	2004	1.0 (0.98–1.01)
Oregon	2005	1.0 (0.99–1.01)
Oregon	2006	1.0 (0.98–1.02)
Oregon	2007	1.01 (0.99–1.02)
Oregon	2008	1.0 (0.99–1.02)
Oregon	2009	1.0 (0.98–1.01)
Oregon	2010	0.99 (0.97–1.01)
Oregon	2011	1.0 (0.98–1.02)
Oregon	2012	1.0 (0.98–1.02)
Oregon	2013	1.0 (0.98–1.02)
Oregon	2014	1.0 (0.98–1.02)
Oregon	2015	1.0 (0.98–1.03)
Oregon	2016	1.03 (0.93–1.13)
Oregon	2017	1.02 (0.87–1.18)
Pennsylvania	1950	0.81 (0.67–0.97)
Pennsylvania	1951	0.86 (0.71–1.01)
Pennsylvania	1952	0.87 (0.74–1.02)
Pennsylvania	1953	0.87 (0.73–1.02)
Pennsylvania	1954	0.85 (0.71–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Pennsylvania	1955	0.87 (0.73–1.01)
Pennsylvania	1956	0.89 (0.77–1.02)
Pennsylvania	1957	0.93 (0.83–1.03)
Pennsylvania	1958	0.96 (0.9–1.02)
Pennsylvania	1959	1.0 (0.99–1.01)
Pennsylvania	1960	1.0 (0.99–1.01)
Pennsylvania	1961	1.0 (0.99–1.01)
Pennsylvania	1962	1.0 (0.99–1.01)
Pennsylvania	1963	1.01 (0.99–1.02)
Pennsylvania	1964	1.0 (0.99–1.01)
Pennsylvania	1965	1.0 (0.98–1.02)
Pennsylvania	1966	1.0 (0.98–1.02)
Pennsylvania	1967	1.0 (0.98–1.01)
Pennsylvania	1968	1.0 (0.98–1.01)
Pennsylvania	1969	1.0 (0.99–1.02)
Pennsylvania	1970	1.01 (0.99–1.02)
Pennsylvania	1971	1.0 (0.98–1.01)
Pennsylvania	1972	1.0 (0.99–1.01)
Pennsylvania	1973	1.0 (0.99–1.02)
Pennsylvania	1974	1.0 (0.99–1.02)
Pennsylvania	1975	1.0 (0.98–1.01)
Pennsylvania	1976	1.0 (0.99–1.02)
Pennsylvania	1977	1.0 (0.98–1.01)
Pennsylvania	1978	1.0 (0.99–1.01)
Pennsylvania	1979	1.0 (0.99–1.01)
Pennsylvania	1980	1.0 (0.99–1.01)
Pennsylvania	1981	1.0 (0.98–1.01)
Pennsylvania	1982	1.0 (0.99–1.01)
Pennsylvania	1983	1.0 (0.98–1.01)
Pennsylvania	1984	1.0 (0.98–1.01)
Pennsylvania	1985	1.0 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Pennsylvania	1986	1.0 (0.99–1.01)
Pennsylvania	1987	1.0 (0.99–1.01)
Pennsylvania	1988	1.0 (0.99–1.02)
Pennsylvania	1989	1.01 (0.99–1.02)
Pennsylvania	1990	1.0 (0.98–1.01)
Pennsylvania	1991	1.0 (0.99–1.01)
Pennsylvania	1992	0.99 (0.98–1.01)
Pennsylvania	1993	1.0 (0.99–1.02)
Pennsylvania	1994	1.0 (0.99–1.02)
Pennsylvania	1995	0.99 (0.98–1.01)
Pennsylvania	1996	1.0 (0.98–1.01)
Pennsylvania	1997	1.0 (0.98–1.02)
Pennsylvania	1998	1.01 (0.99–1.02)
Pennsylvania	1999	1.0 (0.99–1.01)
Pennsylvania	2000	1.0 (0.99–1.01)
Pennsylvania	2001	0.99 (0.98–1.01)
Pennsylvania	2002	1.0 (0.98–1.02)
Pennsylvania	2003	1.0 (0.98–1.02)
Pennsylvania	2004	1.0 (0.98–1.01)
Pennsylvania	2005	1.0 (0.99–1.01)
Pennsylvania	2006	1.0 (0.98–1.02)
Pennsylvania	2007	1.01 (0.99–1.02)
Pennsylvania	2008	1.0 (0.99–1.02)
Pennsylvania	2009	1.0 (0.98–1.01)
Pennsylvania	2010	0.99 (0.97–1.01)
Pennsylvania	2011	1.0 (0.98–1.02)
Pennsylvania	2012	1.0 (0.98–1.02)
Pennsylvania	2013	1.0 (0.98–1.02)
Pennsylvania	2014	1.0 (0.98–1.02)
Pennsylvania	2015	1.0 (0.98–1.03)
Pennsylvania	2016	1.03 (0.93–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Pennsylvania	2017	1.02 (0.87–1.18)
Rhode Island	1950	0.81 (0.67–0.97)
Rhode Island	1951	0.86 (0.71–1.01)
Rhode Island	1952	0.87 (0.74–1.02)
Rhode Island	1953	0.87 (0.73–1.02)
Rhode Island	1954	0.85 (0.71–1.0)
Rhode Island	1955	0.87 (0.73–1.01)
Rhode Island	1956	0.89 (0.77–1.02)
Rhode Island	1957	0.93 (0.83–1.03)
Rhode Island	1958	0.96 (0.9–1.02)
Rhode Island	1959	1.0 (0.99–1.01)
Rhode Island	1960	1.0 (0.99–1.01)
Rhode Island	1961	1.0 (0.99–1.01)
Rhode Island	1962	1.0 (0.99–1.01)
Rhode Island	1963	1.01 (0.99–1.02)
Rhode Island	1964	1.0 (0.99–1.01)
Rhode Island	1965	1.0 (0.98–1.02)
Rhode Island	1966	1.0 (0.98–1.02)
Rhode Island	1967	1.0 (0.98–1.01)
Rhode Island	1968	1.0 (0.98–1.01)
Rhode Island	1969	1.0 (0.99–1.02)
Rhode Island	1970	1.01 (0.99–1.02)
Rhode Island	1971	1.0 (0.98–1.01)
Rhode Island	1972	1.0 (0.99–1.01)
Rhode Island	1973	1.0 (0.99–1.02)
Rhode Island	1974	1.0 (0.99–1.02)
Rhode Island	1975	1.0 (0.98–1.01)
Rhode Island	1976	1.0 (0.99–1.02)
Rhode Island	1977	1.0 (0.98–1.01)
Rhode Island	1978	1.0 (0.99–1.01)
Rhode Island	1979	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rhode Island	1980	1.0 (0.99–1.01)
Rhode Island	1981	1.0 (0.98–1.01)
Rhode Island	1982	1.0 (0.99–1.01)
Rhode Island	1983	1.0 (0.98–1.01)
Rhode Island	1984	1.0 (0.98–1.01)
Rhode Island	1985	1.0 (0.99–1.02)
Rhode Island	1986	1.0 (0.99–1.01)
Rhode Island	1987	1.0 (0.99–1.01)
Rhode Island	1988	1.0 (0.99–1.02)
Rhode Island	1989	1.01 (0.99–1.02)
Rhode Island	1990	1.0 (0.98–1.01)
Rhode Island	1991	1.0 (0.99–1.01)
Rhode Island	1992	0.99 (0.98–1.01)
Rhode Island	1993	1.0 (0.99–1.02)
Rhode Island	1994	1.0 (0.99–1.02)
Rhode Island	1995	0.99 (0.98–1.01)
Rhode Island	1996	1.0 (0.98–1.01)
Rhode Island	1997	1.0 (0.98–1.02)
Rhode Island	1998	1.01 (0.99–1.02)
Rhode Island	1999	1.0 (0.99–1.01)
Rhode Island	2000	1.0 (0.99–1.01)
Rhode Island	2001	0.99 (0.98–1.01)
Rhode Island	2002	1.0 (0.98–1.02)
Rhode Island	2003	1.0 (0.98–1.02)
Rhode Island	2004	1.0 (0.98–1.01)
Rhode Island	2005	1.0 (0.99–1.01)
Rhode Island	2006	1.0 (0.98–1.02)
Rhode Island	2007	1.01 (0.99–1.02)
Rhode Island	2008	1.0 (0.99–1.02)
Rhode Island	2009	1.0 (0.98–1.01)
Rhode Island	2010	0.99 (0.97–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rhode Island	2011	1.0 (0.98–1.02)
Rhode Island	2012	1.0 (0.98–1.02)
Rhode Island	2013	1.0 (0.98–1.02)
Rhode Island	2014	1.0 (0.98–1.02)
Rhode Island	2015	1.0 (0.98–1.03)
Rhode Island	2016	1.03 (0.93–1.13)
Rhode Island	2017	1.02 (0.87–1.18)
South Carolina	1950	0.81 (0.67–0.97)
South Carolina	1951	0.86 (0.71–1.01)
South Carolina	1952	0.87 (0.74–1.02)
South Carolina	1953	0.87 (0.73–1.02)
South Carolina	1954	0.86 (0.72–1.0)
South Carolina	1955	0.87 (0.73–1.01)
South Carolina	1956	0.89 (0.77–1.02)
South Carolina	1957	0.93 (0.83–1.03)
South Carolina	1958	0.96 (0.91–1.02)
South Carolina	1959	1.0 (0.99–1.01)
South Carolina	1960	1.0 (0.99–1.01)
South Carolina	1961	1.0 (0.99–1.01)
South Carolina	1962	1.0 (0.99–1.01)
South Carolina	1963	1.01 (0.99–1.02)
South Carolina	1964	1.0 (0.99–1.01)
South Carolina	1965	1.0 (0.98–1.02)
South Carolina	1966	1.0 (0.98–1.02)
South Carolina	1967	1.0 (0.98–1.01)
South Carolina	1968	1.0 (0.98–1.01)
South Carolina	1969	1.0 (0.99–1.02)
South Carolina	1970	1.01 (0.99–1.02)
South Carolina	1971	1.0 (0.98–1.01)
South Carolina	1972	1.0 (0.99–1.01)
South Carolina	1973	1.0 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
South Carolina	1974	1.0 (0.99–1.02)
South Carolina	1975	1.0 (0.98–1.01)
South Carolina	1976	1.0 (0.99–1.02)
South Carolina	1977	1.0 (0.98–1.01)
South Carolina	1978	1.0 (0.99–1.01)
South Carolina	1979	1.0 (0.99–1.01)
South Carolina	1980	1.0 (0.99–1.01)
South Carolina	1981	1.0 (0.98–1.01)
South Carolina	1982	1.0 (0.99–1.01)
South Carolina	1983	1.0 (0.98–1.01)
South Carolina	1984	1.0 (0.98–1.01)
South Carolina	1985	1.0 (0.99–1.02)
South Carolina	1986	1.0 (0.99–1.01)
South Carolina	1987	1.0 (0.99–1.01)
South Carolina	1988	1.0 (0.99–1.02)
South Carolina	1989	1.01 (0.99–1.02)
South Carolina	1990	1.0 (0.98–1.01)
South Carolina	1991	1.0 (0.99–1.01)
South Carolina	1992	0.99 (0.98–1.01)
South Carolina	1993	1.0 (0.99–1.02)
South Carolina	1994	1.0 (0.99–1.02)
South Carolina	1995	0.99 (0.98–1.01)
South Carolina	1996	1.0 (0.98–1.01)
South Carolina	1997	1.0 (0.98–1.02)
South Carolina	1998	1.01 (0.99–1.02)
South Carolina	1999	1.0 (0.99–1.01)
South Carolina	2000	1.0 (0.99–1.01)
South Carolina	2001	0.99 (0.98–1.01)
South Carolina	2002	1.0 (0.98–1.02)
South Carolina	2003	1.0 (0.98–1.02)
South Carolina	2004	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
South Carolina	2005	1.0 (0.99–1.01)
South Carolina	2006	1.0 (0.98–1.02)
South Carolina	2007	1.01 (0.99–1.02)
South Carolina	2008	1.0 (0.99–1.02)
South Carolina	2009	1.0 (0.98–1.01)
South Carolina	2010	0.99 (0.97–1.01)
South Carolina	2011	1.0 (0.98–1.02)
South Carolina	2012	1.0 (0.98–1.02)
South Carolina	2013	1.0 (0.98–1.02)
South Carolina	2014	1.0 (0.98–1.02)
South Carolina	2015	1.0 (0.98–1.03)
South Carolina	2016	1.03 (0.93–1.13)
South Carolina	2017	1.02 (0.87–1.18)
South Dakota	1950	0.81 (0.67–0.97)
South Dakota	1951	0.86 (0.71–1.01)
South Dakota	1952	0.87 (0.74–1.02)
South Dakota	1953	0.87 (0.73–1.02)
South Dakota	1954	0.85 (0.71–1.0)
South Dakota	1955	0.87 (0.73–1.01)
South Dakota	1956	0.89 (0.77–1.02)
South Dakota	1957	0.93 (0.83–1.03)
South Dakota	1958	0.96 (0.91–1.02)
South Dakota	1959	1.0 (0.99–1.01)
South Dakota	1960	1.0 (0.99–1.01)
South Dakota	1961	1.0 (0.99–1.01)
South Dakota	1962	1.0 (0.99–1.01)
South Dakota	1963	1.01 (0.99–1.02)
South Dakota	1964	1.0 (0.99–1.01)
South Dakota	1965	1.0 (0.98–1.02)
South Dakota	1966	1.0 (0.98–1.02)
South Dakota	1967	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
South Dakota	1968	1.0 (0.98–1.01)
South Dakota	1969	1.0 (0.99–1.02)
South Dakota	1970	1.01 (0.99–1.02)
South Dakota	1971	1.0 (0.98–1.01)
South Dakota	1972	1.0 (0.99–1.01)
South Dakota	1973	1.0 (0.99–1.02)
South Dakota	1974	1.0 (0.99–1.02)
South Dakota	1975	1.0 (0.98–1.01)
South Dakota	1976	1.0 (0.99–1.02)
South Dakota	1977	1.0 (0.98–1.01)
South Dakota	1978	1.0 (0.99–1.01)
South Dakota	1979	1.0 (0.99–1.01)
South Dakota	1980	1.0 (0.99–1.01)
South Dakota	1981	1.0 (0.98–1.01)
South Dakota	1982	1.0 (0.99–1.01)
South Dakota	1983	1.0 (0.98–1.01)
South Dakota	1984	1.0 (0.98–1.01)
South Dakota	1985	1.0 (0.99–1.02)
South Dakota	1986	1.0 (0.99–1.01)
South Dakota	1987	1.0 (0.99–1.01)
South Dakota	1988	1.0 (0.99–1.02)
South Dakota	1989	1.01 (0.99–1.02)
South Dakota	1990	1.0 (0.98–1.01)
South Dakota	1991	1.0 (0.99–1.01)
South Dakota	1992	0.99 (0.98–1.01)
South Dakota	1993	1.0 (0.99–1.02)
South Dakota	1994	1.0 (0.99–1.02)
South Dakota	1995	0.99 (0.98–1.01)
South Dakota	1996	1.0 (0.98–1.01)
South Dakota	1997	1.0 (0.98–1.02)
South Dakota	1998	1.01 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
South Dakota	1999	1.0 (0.99–1.01)
South Dakota	2000	1.0 (0.99–1.01)
South Dakota	2001	0.99 (0.98–1.01)
South Dakota	2002	1.0 (0.98–1.02)
South Dakota	2003	1.0 (0.98–1.02)
South Dakota	2004	1.0 (0.98–1.01)
South Dakota	2005	1.0 (0.99–1.01)
South Dakota	2006	1.0 (0.98–1.02)
South Dakota	2007	1.01 (0.99–1.02)
South Dakota	2008	1.0 (0.99–1.02)
South Dakota	2009	1.0 (0.98–1.01)
South Dakota	2010	0.99 (0.97–1.01)
South Dakota	2011	1.0 (0.98–1.02)
South Dakota	2012	1.0 (0.98–1.02)
South Dakota	2013	1.0 (0.98–1.02)
South Dakota	2014	1.0 (0.98–1.02)
South Dakota	2015	1.0 (0.98–1.03)
South Dakota	2016	1.03 (0.93–1.13)
South Dakota	2017	1.02 (0.87–1.18)
Tennessee	1950	0.81 (0.67–0.97)
Tennessee	1951	0.86 (0.71–1.01)
Tennessee	1952	0.87 (0.74–1.02)
Tennessee	1953	0.87 (0.73–1.02)
Tennessee	1954	0.85 (0.71–1.0)
Tennessee	1955	0.87 (0.73–1.01)
Tennessee	1956	0.89 (0.77–1.02)
Tennessee	1957	0.93 (0.83–1.03)
Tennessee	1958	0.96 (0.91–1.02)
Tennessee	1959	1.0 (0.99–1.01)
Tennessee	1960	1.0 (0.99–1.01)
Tennessee	1961	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tennessee	1962	1.0 (0.99–1.01)
Tennessee	1963	1.01 (0.99–1.02)
Tennessee	1964	1.0 (0.99–1.01)
Tennessee	1965	1.0 (0.98–1.02)
Tennessee	1966	1.0 (0.98–1.02)
Tennessee	1967	1.0 (0.98–1.01)
Tennessee	1968	1.0 (0.98–1.01)
Tennessee	1969	1.0 (0.99–1.02)
Tennessee	1970	1.01 (0.99–1.02)
Tennessee	1971	1.0 (0.98–1.01)
Tennessee	1972	1.0 (0.99–1.01)
Tennessee	1973	1.0 (0.99–1.02)
Tennessee	1974	1.0 (0.99–1.02)
Tennessee	1975	1.0 (0.98–1.01)
Tennessee	1976	1.0 (0.99–1.02)
Tennessee	1977	1.0 (0.98–1.01)
Tennessee	1978	1.0 (0.99–1.01)
Tennessee	1979	1.0 (0.99–1.01)
Tennessee	1980	1.0 (0.99–1.01)
Tennessee	1981	1.0 (0.98–1.01)
Tennessee	1982	1.0 (0.99–1.01)
Tennessee	1983	1.0 (0.98–1.01)
Tennessee	1984	1.0 (0.98–1.01)
Tennessee	1985	1.0 (0.99–1.02)
Tennessee	1986	1.0 (0.99–1.01)
Tennessee	1987	1.0 (0.99–1.01)
Tennessee	1988	1.0 (0.99–1.02)
Tennessee	1989	1.01 (0.99–1.02)
Tennessee	1990	1.0 (0.98–1.01)
Tennessee	1991	1.0 (0.99–1.01)
Tennessee	1992	0.99 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tennessee	1993	1.0 (0.99–1.02)
Tennessee	1994	1.0 (0.99–1.02)
Tennessee	1995	0.99 (0.98–1.01)
Tennessee	1996	1.0 (0.98–1.01)
Tennessee	1997	1.0 (0.98–1.02)
Tennessee	1998	1.01 (0.99–1.02)
Tennessee	1999	1.0 (0.99–1.01)
Tennessee	2000	1.0 (0.99–1.01)
Tennessee	2001	0.99 (0.98–1.01)
Tennessee	2002	1.0 (0.98–1.02)
Tennessee	2003	1.0 (0.98–1.02)
Tennessee	2004	1.0 (0.98–1.01)
Tennessee	2005	1.0 (0.99–1.01)
Tennessee	2006	1.0 (0.98–1.02)
Tennessee	2007	1.01 (0.99–1.02)
Tennessee	2008	1.0 (0.99–1.02)
Tennessee	2009	1.0 (0.98–1.01)
Tennessee	2010	0.99 (0.97–1.01)
Tennessee	2011	1.0 (0.98–1.02)
Tennessee	2012	1.0 (0.98–1.02)
Tennessee	2013	1.0 (0.98–1.02)
Tennessee	2014	1.0 (0.98–1.02)
Tennessee	2015	1.0 (0.98–1.03)
Tennessee	2016	1.03 (0.93–1.13)
Tennessee	2017	1.02 (0.87–1.18)
Texas	1950	0.81 (0.67–0.97)
Texas	1951	0.86 (0.71–1.01)
Texas	1952	0.87 (0.74–1.02)
Texas	1953	0.87 (0.73–1.02)
Texas	1954	0.85 (0.71–1.0)
Texas	1955	0.87 (0.73–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Texas	1956	0.89 (0.77–1.02)
Texas	1957	0.93 (0.83–1.03)
Texas	1958	0.96 (0.91–1.02)
Texas	1959	1.0 (0.99–1.01)
Texas	1960	1.0 (0.99–1.01)
Texas	1961	1.0 (0.99–1.01)
Texas	1962	1.0 (0.99–1.01)
Texas	1963	1.01 (0.99–1.02)
Texas	1964	1.0 (0.99–1.01)
Texas	1965	1.0 (0.98–1.02)
Texas	1966	1.0 (0.98–1.02)
Texas	1967	1.0 (0.98–1.01)
Texas	1968	1.0 (0.98–1.01)
Texas	1969	1.0 (0.99–1.02)
Texas	1970	1.01 (0.99–1.02)
Texas	1971	1.0 (0.98–1.01)
Texas	1972	1.0 (0.99–1.01)
Texas	1973	1.0 (0.99–1.02)
Texas	1974	1.0 (0.99–1.02)
Texas	1975	1.0 (0.98–1.01)
Texas	1976	1.0 (0.99–1.02)
Texas	1977	1.0 (0.98–1.01)
Texas	1978	1.0 (0.99–1.01)
Texas	1979	1.0 (0.99–1.01)
Texas	1980	1.0 (0.99–1.01)
Texas	1981	1.0 (0.98–1.01)
Texas	1982	1.0 (0.99–1.01)
Texas	1983	1.0 (0.98–1.01)
Texas	1984	1.0 (0.98–1.01)
Texas	1985	1.0 (0.99–1.02)
Texas	1986	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Texas	1987	1.0 (0.99–1.01)
Texas	1988	1.0 (0.99–1.02)
Texas	1989	1.01 (0.99–1.02)
Texas	1990	1.0 (0.98–1.01)
Texas	1991	1.0 (0.99–1.01)
Texas	1992	0.99 (0.98–1.01)
Texas	1993	1.0 (0.99–1.02)
Texas	1994	1.0 (0.99–1.02)
Texas	1995	0.99 (0.98–1.01)
Texas	1996	1.0 (0.98–1.01)
Texas	1997	1.0 (0.98–1.02)
Texas	1998	1.01 (0.99–1.02)
Texas	1999	1.0 (0.99–1.01)
Texas	2000	1.0 (0.99–1.01)
Texas	2001	0.99 (0.98–1.01)
Texas	2002	1.0 (0.98–1.02)
Texas	2003	1.0 (0.98–1.02)
Texas	2004	1.0 (0.98–1.01)
Texas	2005	1.0 (0.99–1.01)
Texas	2006	1.0 (0.98–1.02)
Texas	2007	1.01 (0.99–1.02)
Texas	2008	1.0 (0.99–1.02)
Texas	2009	1.0 (0.98–1.01)
Texas	2010	0.99 (0.97–1.01)
Texas	2011	1.0 (0.98–1.02)
Texas	2012	1.0 (0.98–1.02)
Texas	2013	1.0 (0.98–1.02)
Texas	2014	1.0 (0.98–1.02)
Texas	2015	1.0 (0.98–1.03)
Texas	2016	1.03 (0.93–1.13)
Texas	2017	1.02 (0.87–1.18)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Utah	1950	0.81 (0.67–0.97)
Utah	1951	0.85 (0.71–1.01)
Utah	1952	0.87 (0.73–1.02)
Utah	1953	0.87 (0.73–1.02)
Utah	1954	0.85 (0.71–1.0)
Utah	1955	0.87 (0.73–1.01)
Utah	1956	0.89 (0.77–1.02)
Utah	1957	0.92 (0.83–1.03)
Utah	1958	0.96 (0.9–1.02)
Utah	1959	1.0 (0.99–1.01)
Utah	1960	1.0 (0.99–1.01)
Utah	1961	1.0 (0.99–1.01)
Utah	1962	1.0 (0.99–1.01)
Utah	1963	1.01 (0.99–1.02)
Utah	1964	1.0 (0.99–1.01)
Utah	1965	1.0 (0.98–1.02)
Utah	1966	1.0 (0.98–1.02)
Utah	1967	1.0 (0.98–1.01)
Utah	1968	1.0 (0.98–1.01)
Utah	1969	1.0 (0.99–1.02)
Utah	1970	1.01 (0.99–1.02)
Utah	1971	1.0 (0.98–1.01)
Utah	1972	1.0 (0.99–1.01)
Utah	1973	1.0 (0.99–1.02)
Utah	1974	1.0 (0.99–1.02)
Utah	1975	1.0 (0.98–1.01)
Utah	1976	1.0 (0.99–1.02)
Utah	1977	1.0 (0.98–1.01)
Utah	1978	1.0 (0.99–1.01)
Utah	1979	1.0 (0.99–1.01)
Utah	1980	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Utah	1981	1.0 (0.98–1.01)
Utah	1982	1.0 (0.99–1.01)
Utah	1983	1.0 (0.98–1.01)
Utah	1984	1.0 (0.98–1.01)
Utah	1985	1.0 (0.99–1.02)
Utah	1986	1.0 (0.99–1.01)
Utah	1987	1.0 (0.99–1.01)
Utah	1988	1.0 (0.99–1.02)
Utah	1989	1.01 (0.99–1.02)
Utah	1990	1.0 (0.98–1.01)
Utah	1991	1.0 (0.99–1.01)
Utah	1992	0.99 (0.98–1.01)
Utah	1993	1.0 (0.99–1.02)
Utah	1994	1.0 (0.99–1.02)
Utah	1995	0.99 (0.98–1.01)
Utah	1996	1.0 (0.98–1.01)
Utah	1997	1.0 (0.98–1.02)
Utah	1998	1.01 (0.99–1.02)
Utah	1999	1.0 (0.99–1.01)
Utah	2000	1.0 (0.99–1.01)
Utah	2001	0.99 (0.98–1.01)
Utah	2002	1.0 (0.98–1.02)
Utah	2003	1.0 (0.98–1.02)
Utah	2004	1.0 (0.98–1.01)
Utah	2005	1.0 (0.99–1.01)
Utah	2006	1.0 (0.98–1.02)
Utah	2007	1.01 (0.99–1.02)
Utah	2008	1.0 (0.99–1.02)
Utah	2009	1.0 (0.98–1.01)
Utah	2010	0.99 (0.97–1.01)
Utah	2011	1.0 (0.98–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Utah	2012	1.0 (0.98–1.02)
Utah	2013	1.0 (0.98–1.02)
Utah	2014	1.0 (0.98–1.02)
Utah	2015	1.0 (0.98–1.03)
Utah	2016	1.03 (0.93–1.13)
Utah	2017	1.02 (0.87–1.18)
Vermont	1950	0.81 (0.67–0.97)
Vermont	1951	0.86 (0.71–1.01)
Vermont	1952	0.87 (0.74–1.02)
Vermont	1953	0.87 (0.73–1.02)
Vermont	1954	0.85 (0.71–1.0)
Vermont	1955	0.87 (0.73–1.01)
Vermont	1956	0.89 (0.77–1.02)
Vermont	1957	0.93 (0.83–1.03)
Vermont	1958	0.96 (0.9–1.02)
Vermont	1959	1.0 (0.99–1.01)
Vermont	1960	1.0 (0.99–1.01)
Vermont	1961	1.0 (0.99–1.01)
Vermont	1962	1.0 (0.99–1.01)
Vermont	1963	1.01 (0.99–1.02)
Vermont	1964	1.0 (0.99–1.01)
Vermont	1965	1.0 (0.98–1.02)
Vermont	1966	1.0 (0.98–1.02)
Vermont	1967	1.0 (0.98–1.01)
Vermont	1968	1.0 (0.98–1.01)
Vermont	1969	1.0 (0.99–1.02)
Vermont	1970	1.01 (0.99–1.02)
Vermont	1971	1.0 (0.98–1.01)
Vermont	1972	1.0 (0.99–1.01)
Vermont	1973	1.0 (0.99–1.02)
Vermont	1974	1.0 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Vermont	1975	1.0 (0.98–1.01)
Vermont	1976	1.0 (0.99–1.02)
Vermont	1977	1.0 (0.98–1.01)
Vermont	1978	1.0 (0.99–1.01)
Vermont	1979	1.0 (0.99–1.01)
Vermont	1980	1.0 (0.99–1.01)
Vermont	1981	1.0 (0.98–1.01)
Vermont	1982	1.0 (0.99–1.01)
Vermont	1983	1.0 (0.98–1.01)
Vermont	1984	1.0 (0.98–1.01)
Vermont	1985	1.0 (0.99–1.02)
Vermont	1986	1.0 (0.99–1.01)
Vermont	1987	1.0 (0.99–1.01)
Vermont	1988	1.0 (0.99–1.02)
Vermont	1989	1.01 (0.99–1.02)
Vermont	1990	1.0 (0.98–1.01)
Vermont	1991	1.0 (0.99–1.01)
Vermont	1992	0.99 (0.98–1.01)
Vermont	1993	1.0 (0.99–1.02)
Vermont	1994	1.0 (0.99–1.02)
Vermont	1995	0.99 (0.98–1.01)
Vermont	1996	1.0 (0.98–1.01)
Vermont	1997	1.0 (0.98–1.02)
Vermont	1998	1.01 (0.99–1.02)
Vermont	1999	1.0 (0.99–1.01)
Vermont	2000	1.0 (0.99–1.01)
Vermont	2001	0.99 (0.98–1.01)
Vermont	2002	1.0 (0.98–1.02)
Vermont	2003	1.0 (0.98–1.02)
Vermont	2004	1.0 (0.98–1.01)
Vermont	2005	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Vermont	2006	1.0 (0.98–1.02)
Vermont	2007	1.01 (0.99–1.02)
Vermont	2008	1.0 (0.99–1.02)
Vermont	2009	1.0 (0.98–1.01)
Vermont	2010	0.99 (0.97–1.01)
Vermont	2011	1.0 (0.98–1.02)
Vermont	2012	1.0 (0.98–1.02)
Vermont	2013	1.0 (0.98–1.02)
Vermont	2014	1.0 (0.98–1.02)
Vermont	2015	1.0 (0.98–1.03)
Vermont	2016	1.03 (0.93–1.13)
Vermont	2017	1.02 (0.87–1.18)
Virginia	1950	0.81 (0.67–0.97)
Virginia	1951	0.86 (0.71–1.01)
Virginia	1952	0.87 (0.74–1.02)
Virginia	1953	0.87 (0.73–1.02)
Virginia	1954	0.85 (0.71–1.0)
Virginia	1955	0.87 (0.73–1.01)
Virginia	1956	0.89 (0.77–1.02)
Virginia	1957	0.93 (0.83–1.03)
Virginia	1958	0.96 (0.91–1.02)
Virginia	1959	1.0 (0.99–1.01)
Virginia	1960	1.0 (0.99–1.01)
Virginia	1961	1.0 (0.99–1.01)
Virginia	1962	1.0 (0.99–1.01)
Virginia	1963	1.01 (0.99–1.02)
Virginia	1964	1.0 (0.99–1.01)
Virginia	1965	1.0 (0.98–1.02)
Virginia	1966	1.0 (0.98–1.02)
Virginia	1967	1.0 (0.98–1.01)
Virginia	1968	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Virginia	1969	1.0 (0.99–1.02)
Virginia	1970	1.01 (0.99–1.02)
Virginia	1971	1.0 (0.98–1.01)
Virginia	1972	1.0 (0.99–1.01)
Virginia	1973	1.0 (0.99–1.02)
Virginia	1974	1.0 (0.99–1.02)
Virginia	1975	1.0 (0.98–1.01)
Virginia	1976	1.0 (0.99–1.02)
Virginia	1977	1.0 (0.98–1.01)
Virginia	1978	1.0 (0.99–1.01)
Virginia	1979	1.0 (0.99–1.01)
Virginia	1980	1.0 (0.99–1.01)
Virginia	1981	1.0 (0.98–1.01)
Virginia	1982	1.0 (0.99–1.01)
Virginia	1983	1.0 (0.98–1.01)
Virginia	1984	1.0 (0.98–1.01)
Virginia	1985	1.0 (0.99–1.02)
Virginia	1986	1.0 (0.99–1.01)
Virginia	1987	1.0 (0.99–1.01)
Virginia	1988	1.0 (0.99–1.02)
Virginia	1989	1.01 (0.99–1.02)
Virginia	1990	1.0 (0.98–1.01)
Virginia	1991	1.0 (0.99–1.01)
Virginia	1992	0.99 (0.98–1.01)
Virginia	1993	1.0 (0.99–1.02)
Virginia	1994	1.0 (0.99–1.02)
Virginia	1995	0.99 (0.98–1.01)
Virginia	1996	1.0 (0.98–1.01)
Virginia	1997	1.0 (0.98–1.02)
Virginia	1998	1.01 (0.99–1.02)
Virginia	1999	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Virginia	2000	1.0 (0.99–1.01)
Virginia	2001	0.99 (0.98–1.01)
Virginia	2002	1.0 (0.98–1.02)
Virginia	2003	1.0 (0.98–1.02)
Virginia	2004	1.0 (0.98–1.01)
Virginia	2005	1.0 (0.99–1.01)
Virginia	2006	1.0 (0.98–1.02)
Virginia	2007	1.01 (0.99–1.02)
Virginia	2008	1.0 (0.99–1.02)
Virginia	2009	1.0 (0.98–1.01)
Virginia	2010	0.99 (0.97–1.01)
Virginia	2011	1.0 (0.98–1.02)
Virginia	2012	1.0 (0.98–1.02)
Virginia	2013	1.0 (0.98–1.02)
Virginia	2014	1.0 (0.98–1.02)
Virginia	2015	1.0 (0.98–1.03)
Virginia	2016	1.03 (0.93–1.13)
Virginia	2017	1.02 (0.87–1.18)
Washington	1950	0.81 (0.67–0.97)
Washington	1951	0.86 (0.71–1.01)
Washington	1952	0.87 (0.73–1.02)
Washington	1953	0.87 (0.73–1.02)
Washington	1954	0.85 (0.71–1.0)
Washington	1955	0.87 (0.73–1.01)
Washington	1956	0.89 (0.77–1.02)
Washington	1957	0.93 (0.83–1.03)
Washington	1958	0.96 (0.9–1.02)
Washington	1959	1.0 (0.99–1.01)
Washington	1960	1.0 (0.99–1.01)
Washington	1961	1.0 (0.99–1.01)
Washington	1962	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Washington	1963	1.01 (0.99–1.02)
Washington	1964	1.0 (0.99–1.01)
Washington	1965	1.0 (0.98–1.02)
Washington	1966	1.0 (0.98–1.02)
Washington	1967	1.0 (0.98–1.01)
Washington	1968	1.0 (0.98–1.01)
Washington	1969	1.0 (0.99–1.02)
Washington	1970	1.01 (0.99–1.02)
Washington	1971	1.0 (0.98–1.01)
Washington	1972	1.0 (0.99–1.01)
Washington	1973	1.0 (0.99–1.02)
Washington	1974	1.0 (0.99–1.02)
Washington	1975	1.0 (0.98–1.01)
Washington	1976	1.0 (0.99–1.02)
Washington	1977	1.0 (0.98–1.01)
Washington	1978	1.0 (0.99–1.01)
Washington	1979	1.0 (0.99–1.01)
Washington	1980	1.0 (0.99–1.01)
Washington	1981	1.0 (0.98–1.01)
Washington	1982	1.0 (0.99–1.01)
Washington	1983	1.0 (0.98–1.01)
Washington	1984	1.0 (0.98–1.01)
Washington	1985	1.0 (0.99–1.02)
Washington	1986	1.0 (0.99–1.01)
Washington	1987	1.0 (0.99–1.01)
Washington	1988	1.0 (0.99–1.02)
Washington	1989	1.01 (0.99–1.02)
Washington	1990	1.0 (0.98–1.01)
Washington	1991	1.0 (0.99–1.01)
Washington	1992	0.99 (0.98–1.01)
Washington	1993	1.0 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Washington	1994	1.0 (0.99–1.02)
Washington	1995	0.99 (0.98–1.01)
Washington	1996	1.0 (0.98–1.01)
Washington	1997	1.0 (0.98–1.02)
Washington	1998	1.01 (0.99–1.02)
Washington	1999	1.0 (0.99–1.01)
Washington	2000	1.0 (0.99–1.01)
Washington	2001	0.99 (0.98–1.01)
Washington	2002	1.0 (0.98–1.02)
Washington	2003	1.0 (0.98–1.02)
Washington	2004	1.0 (0.98–1.01)
Washington	2005	1.0 (0.99–1.01)
Washington	2006	1.0 (0.98–1.02)
Washington	2007	1.01 (0.99–1.02)
Washington	2008	1.0 (0.99–1.02)
Washington	2009	1.0 (0.98–1.01)
Washington	2010	0.99 (0.97–1.01)
Washington	2011	1.0 (0.98–1.02)
Washington	2012	1.0 (0.98–1.02)
Washington	2013	1.0 (0.98–1.02)
Washington	2014	1.0 (0.98–1.02)
Washington	2015	1.0 (0.98–1.03)
Washington	2016	1.03 (0.93–1.13)
Washington	2017	1.02 (0.87–1.18)
West Virginia	1950	0.81 (0.67–0.97)
West Virginia	1951	0.86 (0.71–1.01)
West Virginia	1952	0.87 (0.74–1.02)
West Virginia	1953	0.87 (0.73–1.02)
West Virginia	1954	0.85 (0.71–1.0)
West Virginia	1955	0.87 (0.73–1.01)
West Virginia	1956	0.89 (0.77–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
West Virginia	1957	0.93 (0.83–1.03)
West Virginia	1958	0.96 (0.9–1.02)
West Virginia	1959	1.0 (0.99–1.01)
West Virginia	1960	1.0 (0.99–1.01)
West Virginia	1961	1.0 (0.99–1.01)
West Virginia	1962	1.0 (0.99–1.01)
West Virginia	1963	1.01 (0.99–1.02)
West Virginia	1964	1.0 (0.99–1.01)
West Virginia	1965	1.0 (0.98–1.02)
West Virginia	1966	1.0 (0.98–1.02)
West Virginia	1967	1.0 (0.98–1.01)
West Virginia	1968	1.0 (0.98–1.01)
West Virginia	1969	1.0 (0.99–1.02)
West Virginia	1970	1.01 (0.99–1.02)
West Virginia	1971	1.0 (0.98–1.01)
West Virginia	1972	1.0 (0.99–1.01)
West Virginia	1973	1.0 (0.99–1.02)
West Virginia	1974	1.0 (0.99–1.02)
West Virginia	1975	1.0 (0.98–1.01)
West Virginia	1976	1.0 (0.99–1.02)
West Virginia	1977	1.0 (0.98–1.01)
West Virginia	1978	1.0 (0.99–1.01)
West Virginia	1979	1.0 (0.99–1.01)
West Virginia	1980	1.0 (0.99–1.01)
West Virginia	1981	1.0 (0.98–1.01)
West Virginia	1982	1.0 (0.99–1.01)
West Virginia	1983	1.0 (0.98–1.01)
West Virginia	1984	1.0 (0.98–1.01)
West Virginia	1985	1.0 (0.99–1.02)
West Virginia	1986	1.0 (0.99–1.01)
West Virginia	1987	1.0 (0.99–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
West Virginia	1988	1.0 (0.99–1.02)
West Virginia	1989	1.01 (0.99–1.02)
West Virginia	1990	1.0 (0.98–1.01)
West Virginia	1991	1.0 (0.99–1.01)
West Virginia	1992	0.99 (0.98–1.01)
West Virginia	1993	1.0 (0.99–1.02)
West Virginia	1994	1.0 (0.99–1.02)
West Virginia	1995	0.99 (0.98–1.01)
West Virginia	1996	1.0 (0.98–1.01)
West Virginia	1997	1.0 (0.98–1.02)
West Virginia	1998	1.01 (0.99–1.02)
West Virginia	1999	1.0 (0.99–1.01)
West Virginia	2000	1.0 (0.99–1.01)
West Virginia	2001	0.99 (0.98–1.01)
West Virginia	2002	1.0 (0.98–1.02)
West Virginia	2003	1.0 (0.98–1.02)
West Virginia	2004	1.0 (0.98–1.01)
West Virginia	2005	1.0 (0.99–1.01)
West Virginia	2006	1.0 (0.98–1.02)
West Virginia	2007	1.01 (0.99–1.02)
West Virginia	2008	1.0 (0.99–1.02)
West Virginia	2009	1.0 (0.98–1.01)
West Virginia	2010	0.99 (0.97–1.01)
West Virginia	2011	1.0 (0.98–1.02)
West Virginia	2012	1.0 (0.98–1.02)
West Virginia	2013	1.0 (0.98–1.02)
West Virginia	2014	1.0 (0.98–1.02)
West Virginia	2015	1.0 (0.98–1.03)
West Virginia	2016	1.03 (0.93–1.13)
West Virginia	2017	1.02 (0.87–1.18)
Wisconsin	1950	0.81 (0.67–0.97)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wisconsin	1951	0.86 (0.71–1.01)
Wisconsin	1952	0.87 (0.74–1.02)
Wisconsin	1953	0.87 (0.73–1.02)
Wisconsin	1954	0.85 (0.71–1.0)
Wisconsin	1955	0.87 (0.73–1.01)
Wisconsin	1956	0.89 (0.77–1.02)
Wisconsin	1957	0.93 (0.83–1.03)
Wisconsin	1958	0.96 (0.9–1.02)
Wisconsin	1959	1.0 (0.99–1.01)
Wisconsin	1960	1.0 (0.99–1.01)
Wisconsin	1961	1.0 (0.99–1.01)
Wisconsin	1962	1.0 (0.99–1.01)
Wisconsin	1963	1.01 (0.99–1.02)
Wisconsin	1964	1.0 (0.99–1.01)
Wisconsin	1965	1.0 (0.98–1.02)
Wisconsin	1966	1.0 (0.98–1.02)
Wisconsin	1967	1.0 (0.98–1.01)
Wisconsin	1968	1.0 (0.98–1.01)
Wisconsin	1969	1.0 (0.99–1.02)
Wisconsin	1970	1.01 (0.99–1.02)
Wisconsin	1971	1.0 (0.98–1.01)
Wisconsin	1972	1.0 (0.99–1.01)
Wisconsin	1973	1.0 (0.99–1.02)
Wisconsin	1974	1.0 (0.99–1.02)
Wisconsin	1975	1.0 (0.98–1.01)
Wisconsin	1976	1.0 (0.99–1.02)
Wisconsin	1977	1.0 (0.98–1.01)
Wisconsin	1978	1.0 (0.99–1.01)
Wisconsin	1979	1.0 (0.99–1.01)
Wisconsin	1980	1.0 (0.99–1.01)
Wisconsin	1981	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wisconsin	1982	1.0 (0.99–1.01)
Wisconsin	1983	1.0 (0.98–1.01)
Wisconsin	1984	1.0 (0.98–1.01)
Wisconsin	1985	1.0 (0.99–1.02)
Wisconsin	1986	1.0 (0.99–1.01)
Wisconsin	1987	1.0 (0.99–1.01)
Wisconsin	1988	1.0 (0.99–1.02)
Wisconsin	1989	1.01 (0.99–1.02)
Wisconsin	1990	1.0 (0.98–1.01)
Wisconsin	1991	1.0 (0.99–1.01)
Wisconsin	1992	0.99 (0.98–1.01)
Wisconsin	1993	1.0 (0.99–1.02)
Wisconsin	1994	1.0 (0.99–1.02)
Wisconsin	1995	0.99 (0.98–1.01)
Wisconsin	1996	1.0 (0.98–1.01)
Wisconsin	1997	1.0 (0.98–1.02)
Wisconsin	1998	1.01 (0.99–1.02)
Wisconsin	1999	1.0 (0.99–1.01)
Wisconsin	2000	1.0 (0.99–1.01)
Wisconsin	2001	0.99 (0.98–1.01)
Wisconsin	2002	1.0 (0.98–1.02)
Wisconsin	2003	1.0 (0.98–1.02)
Wisconsin	2004	1.0 (0.98–1.01)
Wisconsin	2005	1.0 (0.99–1.01)
Wisconsin	2006	1.0 (0.98–1.02)
Wisconsin	2007	1.01 (0.99–1.02)
Wisconsin	2008	1.0 (0.99–1.02)
Wisconsin	2009	1.0 (0.98–1.01)
Wisconsin	2010	0.99 (0.97–1.01)
Wisconsin	2011	1.0 (0.98–1.02)
Wisconsin	2012	1.0 (0.98–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wisconsin	2013	1.0 (0.98–1.02)
Wisconsin	2014	1.0 (0.98–1.02)
Wisconsin	2015	1.0 (0.98–1.03)
Wisconsin	2016	1.03 (0.93–1.13)
Wisconsin	2017	1.02 (0.87–1.18)
Wyoming	1950	0.81 (0.67–0.97)
Wyoming	1951	0.86 (0.71–1.01)
Wyoming	1952	0.87 (0.74–1.02)
Wyoming	1953	0.87 (0.73–1.02)
Wyoming	1954	0.85 (0.71–1.0)
Wyoming	1955	0.87 (0.73–1.01)
Wyoming	1956	0.89 (0.77–1.02)
Wyoming	1957	0.93 (0.83–1.03)
Wyoming	1958	0.96 (0.91–1.02)
Wyoming	1959	1.0 (0.99–1.01)
Wyoming	1960	1.0 (0.99–1.01)
Wyoming	1961	1.0 (0.99–1.01)
Wyoming	1962	1.0 (0.99–1.01)
Wyoming	1963	1.01 (0.99–1.02)
Wyoming	1964	1.0 (0.99–1.01)
Wyoming	1965	1.0 (0.98–1.02)
Wyoming	1966	1.0 (0.98–1.02)
Wyoming	1967	1.0 (0.98–1.01)
Wyoming	1968	1.0 (0.98–1.01)
Wyoming	1969	1.0 (0.99–1.02)
Wyoming	1970	1.01 (0.99–1.02)
Wyoming	1971	1.0 (0.98–1.01)
Wyoming	1972	1.0 (0.99–1.01)
Wyoming	1973	1.0 (0.99–1.02)
Wyoming	1974	1.0 (0.99–1.02)
Wyoming	1975	1.0 (0.98–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wyoming	1976	1.0 (0.99–1.02)
Wyoming	1977	1.0 (0.98–1.01)
Wyoming	1978	1.0 (0.99–1.01)
Wyoming	1979	1.0 (0.99–1.01)
Wyoming	1980	1.0 (0.99–1.01)
Wyoming	1981	1.0 (0.98–1.01)
Wyoming	1982	1.0 (0.99–1.01)
Wyoming	1983	1.0 (0.98–1.01)
Wyoming	1984	1.0 (0.98–1.01)
Wyoming	1985	1.0 (0.99–1.02)
Wyoming	1986	1.0 (0.99–1.01)
Wyoming	1987	1.0 (0.99–1.01)
Wyoming	1988	1.0 (0.99–1.02)
Wyoming	1989	1.01 (0.99–1.02)
Wyoming	1990	1.0 (0.98–1.01)
Wyoming	1991	1.0 (0.99–1.01)
Wyoming	1992	0.99 (0.98–1.01)
Wyoming	1993	1.0 (0.99–1.02)
Wyoming	1994	1.0 (0.99–1.02)
Wyoming	1995	0.99 (0.98–1.01)
Wyoming	1996	1.0 (0.98–1.01)
Wyoming	1997	1.0 (0.98–1.02)
Wyoming	1998	1.01 (0.99–1.02)
Wyoming	1999	1.0 (0.99–1.01)
Wyoming	2000	1.0 (0.99–1.01)
Wyoming	2001	0.99 (0.98–1.01)
Wyoming	2002	1.0 (0.98–1.02)
Wyoming	2003	1.0 (0.98–1.02)
Wyoming	2004	1.0 (0.98–1.01)
Wyoming	2005	1.0 (0.99–1.01)
Wyoming	2006	1.0 (0.98–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wyoming	2007	1.01 (0.99–1.02)
Wyoming	2008	1.0 (0.99–1.02)
Wyoming	2009	1.0 (0.98–1.01)
Wyoming	2010	0.99 (0.97–1.01)
Wyoming	2011	1.0 (0.98–1.02)
Wyoming	2012	1.0 (0.98–1.02)
Wyoming	2013	1.0 (0.98–1.02)
Wyoming	2014	1.0 (0.98–1.02)
Wyoming	2015	1.0 (0.98–1.03)
Wyoming	2016	1.03 (0.93–1.13)
Wyoming	2017	1.02 (0.87–1.18)
Sweden	1950	1.0 (1.0–1.0)
Sweden	1951	1.0 (1.0–1.0)
Sweden	1952	1.0 (1.0–1.0)
Sweden	1953	1.0 (1.0–1.0)
Sweden	1954	1.0 (1.0–1.0)
Sweden	1955	1.0 (1.0–1.0)
Sweden	1956	1.0 (1.0–1.0)
Sweden	1957	1.0 (1.0–1.0)
Sweden	1958	1.0 (1.0–1.0)
Sweden	1959	1.0 (1.0–1.0)
Sweden	1960	1.0 (1.0–1.0)
Sweden	1961	1.0 (1.0–1.0)
Sweden	1962	1.0 (1.0–1.0)
Sweden	1963	1.0 (1.0–1.0)
Sweden	1964	1.0 (1.0–1.0)
Sweden	1965	1.0 (1.0–1.0)
Sweden	1966	1.0 (1.0–1.0)
Sweden	1967	1.0 (1.0–1.0)
Sweden	1968	1.0 (1.0–1.0)
Sweden	1969	1.0 (1.0–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sweden	1970	1.0 (1.0–1.0)
Sweden	1971	1.0 (1.0–1.0)
Sweden	1972	1.0 (1.0–1.0)
Sweden	1973	1.0 (1.0–1.0)
Sweden	1974	1.0 (1.0–1.0)
Sweden	1975	1.0 (1.0–1.0)
Sweden	1976	1.0 (1.0–1.0)
Sweden	1977	1.0 (1.0–1.0)
Sweden	1978	1.0 (1.0–1.0)
Sweden	1979	1.0 (1.0–1.0)
Sweden	1980	1.0 (1.0–1.0)
Sweden	1981	1.0 (1.0–1.0)
Sweden	1982	1.0 (1.0–1.0)
Sweden	1983	1.0 (1.0–1.0)
Sweden	1984	1.0 (1.0–1.0)
Sweden	1985	1.0 (1.0–1.0)
Sweden	1986	1.0 (1.0–1.0)
Sweden	1987	1.0 (1.0–1.0)
Sweden	1988	1.0 (1.0–1.0)
Sweden	1989	1.0 (1.0–1.0)
Sweden	1990	1.0 (1.0–1.0)
Sweden	1991	1.0 (1.0–1.0)
Sweden	1992	1.0 (1.0–1.0)
Sweden	1993	1.0 (1.0–1.0)
Sweden	1994	1.0 (1.0–1.0)
Sweden	1995	1.0 (1.0–1.0)
Sweden	1996	1.0 (1.0–1.0)
Sweden	1997	1.0 (1.0–1.0)
Sweden	1998	1.0 (1.0–1.0)
Sweden	1999	1.0 (1.0–1.0)
Sweden	2000	1.0 (1.0–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sweden	2001	1.0 (1.0–1.0)
Sweden	2002	1.0 (1.0–1.0)
Sweden	2003	1.0 (1.0–1.0)
Sweden	2004	1.0 (1.0–1.0)
Sweden	2005	1.0 (1.0–1.0)
Sweden	2006	1.0 (1.0–1.0)
Sweden	2007	1.0 (1.0–1.0)
Sweden	2008	1.0 (1.0–1.0)
Sweden	2009	1.0 (1.0–1.0)
Sweden	2010	1.0 (1.0–1.0)
Sweden	2011	1.0 (1.0–1.0)
Sweden	2012	1.0 (1.0–1.0)
Sweden	2013	1.0 (1.0–1.0)
Sweden	2014	1.0 (1.0–1.0)
Sweden	2015	1.0 (1.0–1.0)
Sweden	2016	1.0 (1.0–1.0)
Sweden	2017	1.0 (1.0–1.0)
Stockholm	1950	1.1 (0.9–1.33)
Stockholm	1951	1.14 (0.93–1.38)
Stockholm	1952	1.12 (0.91–1.35)
Stockholm	1953	1.09 (0.89–1.31)
Stockholm	1954	1.08 (0.89–1.28)
Stockholm	1955	1.08 (0.89–1.28)
Stockholm	1956	1.1 (0.91–1.32)
Stockholm	1957	1.13 (0.93–1.36)
Stockholm	1958	1.08 (0.9–1.29)
Stockholm	1959	1.13 (0.94–1.36)
Stockholm	1960	1.17 (0.96–1.39)
Stockholm	1961	1.17 (0.96–1.41)
Stockholm	1962	1.18 (0.96–1.43)
Stockholm	1963	1.2 (0.97–1.45)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Stockholm	1964	1.18 (0.96–1.42)
Stockholm	1965	1.13 (0.92–1.36)
Stockholm	1966	1.12 (0.91–1.34)
Stockholm	1967	1.14 (0.93–1.36)
Stockholm	1968	1.17 (0.95–1.39)
Stockholm	1969	1.13 (0.93–1.34)
Stockholm	1970	1.14 (0.94–1.35)
Stockholm	1971	1.16 (0.98–1.36)
Stockholm	1972	1.17 (0.99–1.36)
Stockholm	1973	1.12 (0.95–1.29)
Stockholm	1974	1.13 (0.97–1.29)
Stockholm	1975	1.08 (0.93–1.22)
Stockholm	1976	1.06 (0.93–1.19)
Stockholm	1977	1.08 (0.96–1.2)
Stockholm	1978	1.08 (0.98–1.19)
Stockholm	1979	1.11 (1.02–1.21)
Stockholm	1980	1.02 (0.95–1.09)
Stockholm	1981	1.0 (0.95–1.05)
Stockholm	1982	1.0 (0.95–1.05)
Stockholm	1983	0.99 (0.94–1.06)
Stockholm	1984	0.96 (0.9–1.03)
Stockholm	1985	1.01 (0.95–1.08)
Stockholm	1986	0.99 (0.92–1.06)
Stockholm	1987	1.06 (0.98–1.13)
Stockholm	1988	1.05 (0.98–1.13)
Stockholm	1989	1.04 (0.97–1.12)
Stockholm	1990	1.04 (0.98–1.1)
Stockholm	1991	1.05 (0.99–1.12)
Stockholm	1992	1.02 (0.95–1.08)
Stockholm	1993	1.0 (0.93–1.07)
Stockholm	1994	0.99 (0.92–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Stockholm	1995	0.96 (0.89–1.02)
Stockholm	1996	0.97 (0.9–1.04)
Stockholm	1997	0.97 (0.9–1.05)
Stockholm	1998	0.98 (0.91–1.06)
Stockholm	1999	0.97 (0.9–1.06)
Stockholm	2000	0.99 (0.9–1.07)
Stockholm	2001	1.04 (0.97–1.12)
Stockholm	2002	1.02 (0.96–1.09)
Stockholm	2003	1.02 (0.94–1.11)
Stockholm	2004	1.04 (0.95–1.12)
Stockholm	2005	0.97 (0.89–1.04)
Stockholm	2006	1.0 (0.93–1.09)
Stockholm	2007	0.96 (0.89–1.04)
Stockholm	2008	0.95 (0.87–1.03)
Stockholm	2009	0.99 (0.92–1.07)
Stockholm	2010	0.98 (0.9–1.06)
Stockholm	2011	0.9 (0.83–0.98)
Stockholm	2012	1.0 (0.92–1.08)
Stockholm	2013	1.02 (0.96–1.09)
Stockholm	2014	0.95 (0.87–1.03)
Stockholm	2015	1.0 (0.91–1.09)
Stockholm	2016	1.02 (0.92–1.15)
Stockholm	2017	0.98 (0.84–1.14)
Sweden except Stockholm	1950	1.1 (0.9–1.33)
Sweden except Stockholm	1951	1.14 (0.93–1.38)
Sweden except Stockholm	1952	1.12 (0.91–1.35)
Sweden except Stockholm	1953	1.09 (0.89–1.31)
Sweden except Stockholm	1954	1.08 (0.89–1.28)
Sweden except Stockholm	1955	1.08 (0.89–1.28)
Sweden except Stockholm	1956	1.1 (0.91–1.32)
Sweden except Stockholm	1957	1.13 (0.93–1.36)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sweden except Stockholm	1958	1.08 (0.9–1.29)
Sweden except Stockholm	1959	1.13 (0.94–1.36)
Sweden except Stockholm	1960	1.17 (0.96–1.39)
Sweden except Stockholm	1961	1.17 (0.96–1.41)
Sweden except Stockholm	1962	1.18 (0.96–1.43)
Sweden except Stockholm	1963	1.2 (0.97–1.45)
Sweden except Stockholm	1964	1.18 (0.96–1.42)
Sweden except Stockholm	1965	1.13 (0.92–1.36)
Sweden except Stockholm	1966	1.12 (0.91–1.34)
Sweden except Stockholm	1967	1.14 (0.93–1.36)
Sweden except Stockholm	1968	1.17 (0.95–1.39)
Sweden except Stockholm	1969	1.13 (0.93–1.34)
Sweden except Stockholm	1970	1.14 (0.94–1.35)
Sweden except Stockholm	1971	1.16 (0.98–1.36)
Sweden except Stockholm	1972	1.17 (0.99–1.36)
Sweden except Stockholm	1973	1.12 (0.95–1.29)
Sweden except Stockholm	1974	1.13 (0.97–1.29)
Sweden except Stockholm	1975	1.08 (0.93–1.22)
Sweden except Stockholm	1976	1.06 (0.93–1.19)
Sweden except Stockholm	1977	1.08 (0.96–1.2)
Sweden except Stockholm	1978	1.08 (0.98–1.19)
Sweden except Stockholm	1979	1.11 (1.02–1.21)
Sweden except Stockholm	1980	1.02 (0.95–1.09)
Sweden except Stockholm	1981	1.0 (0.95–1.05)
Sweden except Stockholm	1982	1.0 (0.95–1.05)
Sweden except Stockholm	1983	0.99 (0.94–1.06)
Sweden except Stockholm	1984	0.96 (0.9–1.03)
Sweden except Stockholm	1985	1.01 (0.95–1.08)
Sweden except Stockholm	1986	0.99 (0.92–1.06)
Sweden except Stockholm	1987	1.06 (0.98–1.13)
Sweden except Stockholm	1988	1.05 (0.98–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sweden except Stockholm	1989	1.04 (0.97–1.12)
Sweden except Stockholm	1990	1.04 (0.98–1.1)
Sweden except Stockholm	1991	1.05 (0.99–1.12)
Sweden except Stockholm	1992	1.02 (0.95–1.08)
Sweden except Stockholm	1993	1.0 (0.93–1.07)
Sweden except Stockholm	1994	0.99 (0.92–1.06)
Sweden except Stockholm	1995	0.96 (0.89–1.02)
Sweden except Stockholm	1996	0.97 (0.9–1.04)
Sweden except Stockholm	1997	0.97 (0.9–1.05)
Sweden except Stockholm	1998	0.98 (0.91–1.06)
Sweden except Stockholm	1999	0.97 (0.9–1.06)
Sweden except Stockholm	2000	0.99 (0.9–1.07)
Sweden except Stockholm	2001	1.04 (0.97–1.12)
Sweden except Stockholm	2002	1.02 (0.96–1.09)
Sweden except Stockholm	2003	1.02 (0.94–1.11)
Sweden except Stockholm	2004	1.04 (0.95–1.12)
Sweden except Stockholm	2005	0.97 (0.89–1.04)
Sweden except Stockholm	2006	1.0 (0.93–1.09)
Sweden except Stockholm	2007	0.96 (0.89–1.04)
Sweden except Stockholm	2008	0.95 (0.87–1.03)
Sweden except Stockholm	2009	0.99 (0.92–1.07)
Sweden except Stockholm	2010	0.98 (0.9–1.06)
Sweden except Stockholm	2011	0.9 (0.83–0.98)
Sweden except Stockholm	2012	1.0 (0.92–1.08)
Sweden except Stockholm	2013	1.02 (0.96–1.09)
Sweden except Stockholm	2014	0.95 (0.87–1.03)
Sweden except Stockholm	2015	1.0 (0.91–1.09)
Sweden except Stockholm	2016	1.02 (0.92–1.15)
Sweden except Stockholm	2017	0.98 (0.84–1.14)
United Kingdom	1950	1.0 (1.0–1.0)
United Kingdom	1951	1.0 (1.0–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
United Kingdom	1952	1.0 (1.0–1.0)
United Kingdom	1953	1.0 (1.0–1.0)
United Kingdom	1954	1.0 (1.0–1.0)
United Kingdom	1955	1.0 (1.0–1.0)
United Kingdom	1956	1.0 (1.0–1.0)
United Kingdom	1957	1.0 (1.0–1.0)
United Kingdom	1958	1.0 (1.0–1.0)
United Kingdom	1959	1.0 (1.0–1.0)
United Kingdom	1960	1.0 (1.0–1.0)
United Kingdom	1961	1.0 (1.0–1.0)
United Kingdom	1962	1.0 (1.0–1.0)
United Kingdom	1963	1.0 (1.0–1.0)
United Kingdom	1964	1.0 (1.0–1.0)
United Kingdom	1965	1.0 (1.0–1.0)
United Kingdom	1966	1.0 (1.0–1.0)
United Kingdom	1967	1.0 (1.0–1.0)
United Kingdom	1968	1.0 (1.0–1.0)
United Kingdom	1969	1.0 (1.0–1.0)
United Kingdom	1970	1.0 (1.0–1.0)
United Kingdom	1971	1.0 (1.0–1.0)
United Kingdom	1972	1.0 (1.0–1.0)
United Kingdom	1973	1.0 (1.0–1.0)
United Kingdom	1974	1.0 (1.0–1.0)
United Kingdom	1975	1.0 (1.0–1.0)
United Kingdom	1976	1.0 (1.0–1.0)
United Kingdom	1977	1.0 (1.0–1.0)
United Kingdom	1978	1.0 (1.0–1.0)
United Kingdom	1979	1.0 (1.0–1.0)
United Kingdom	1980	1.0 (1.0–1.0)
United Kingdom	1981	1.0 (1.0–1.0)
United Kingdom	1982	1.0 (1.0–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
United Kingdom	1983	1.0 (1.0–1.0)
United Kingdom	1984	1.0 (1.0–1.0)
United Kingdom	1985	1.0 (1.0–1.0)
United Kingdom	1986	1.0 (1.0–1.0)
United Kingdom	1987	1.0 (1.0–1.0)
United Kingdom	1988	1.0 (1.0–1.0)
United Kingdom	1989	1.0 (1.0–1.0)
United Kingdom	1990	1.0 (1.0–1.0)
United Kingdom	1991	1.0 (1.0–1.0)
United Kingdom	1992	1.0 (1.0–1.0)
United Kingdom	1993	1.0 (1.0–1.0)
United Kingdom	1994	1.0 (1.0–1.0)
United Kingdom	1995	1.0 (1.0–1.0)
United Kingdom	1996	1.0 (1.0–1.0)
United Kingdom	1997	1.0 (1.0–1.0)
United Kingdom	1998	1.0 (1.0–1.0)
United Kingdom	1999	1.0 (1.0–1.0)
United Kingdom	2000	1.0 (1.0–1.0)
United Kingdom	2001	1.0 (1.0–1.0)
United Kingdom	2002	1.0 (1.0–1.0)
United Kingdom	2003	1.0 (1.0–1.0)
United Kingdom	2004	1.0 (1.0–1.0)
United Kingdom	2005	1.0 (1.0–1.0)
United Kingdom	2006	1.0 (1.0–1.0)
United Kingdom	2007	1.0 (1.0–1.0)
United Kingdom	2008	1.0 (1.0–1.0)
United Kingdom	2009	1.0 (1.0–1.0)
United Kingdom	2010	1.0 (1.0–1.0)
United Kingdom	2011	1.0 (1.0–1.0)
United Kingdom	2012	1.0 (1.0–1.0)
United Kingdom	2013	1.0 (1.0–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
United Kingdom	2014	1.0 (1.0–1.0)
United Kingdom	2015	1.0 (1.0–1.0)
United Kingdom	2016	1.0 (1.0–1.0)
United Kingdom	2017	1.0 (1.0–1.0)
England	1950	1.07 (0.88–1.28)
England	1951	1.24 (1.01–1.47)
England	1952	1.15 (0.95–1.37)
England	1953	1.15 (0.95–1.37)
England	1954	1.08 (0.88–1.29)
England	1955	1.07 (0.89–1.29)
England	1956	1.04 (0.86–1.25)
England	1957	1.05 (0.87–1.26)
England	1958	1.02 (0.85–1.22)
England	1959	1.01 (0.84–1.21)
England	1960	1.01 (0.84–1.21)
England	1961	1.02 (0.84–1.22)
England	1962	1.03 (0.85–1.24)
England	1963	1.03 (0.84–1.24)
England	1964	0.99 (0.8–1.19)
England	1965	0.96 (0.77–1.15)
England	1966	0.98 (0.79–1.17)
England	1967	0.95 (0.78–1.15)
England	1968	0.98 (0.8–1.18)
England	1969	0.98 (0.81–1.18)
England	1970	1.01 (0.83–1.2)
England	1971	1.03 (0.84–1.23)
England	1972	1.03 (0.85–1.21)
England	1973	1.02 (0.85–1.2)
England	1974	1.03 (0.86–1.2)
England	1975	1.02 (0.86–1.19)
England	1976	0.98 (0.84–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
England	1977	1.0 (0.87–1.14)
England	1978	1.04 (0.93–1.17)
England	1979	1.07 (0.98–1.17)
England	1980	1.04 (0.98–1.11)
England	1981	1.0 (0.98–1.03)
England	1982	1.01 (0.98–1.03)
England	1983	1.01 (0.98–1.03)
England	1984	1.0 (0.98–1.03)
England	1985	1.01 (0.98–1.04)
England	1986	1.01 (0.99–1.04)
England	1987	1.01 (0.98–1.04)
England	1988	1.01 (0.98–1.04)
England	1989	1.01 (0.98–1.03)
England	1990	1.01 (0.98–1.04)
England	1991	1.01 (0.98–1.05)
England	1992	1.0 (0.97–1.03)
England	1993	1.01 (0.98–1.04)
England	1994	1.01 (0.98–1.04)
England	1995	1.01 (0.98–1.04)
England	1996	1.01 (0.98–1.04)
England	1997	1.0 (0.97–1.03)
England	1998	1.01 (0.98–1.04)
England	1999	1.02 (0.99–1.06)
England	2000	1.01 (0.94–1.08)
England	2001	0.99 (0.96–1.02)
England	2002	0.98 (0.95–1.01)
England	2003	1.01 (0.97–1.05)
England	2004	0.99 (0.96–1.02)
England	2005	0.99 (0.96–1.03)
England	2006	1.0 (0.97–1.04)
England	2007	1.0 (0.97–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
England	2008	1.0 (0.97–1.04)
England	2009	1.0 (0.96–1.03)
England	2010	0.99 (0.95–1.02)
England	2011	1.0 (0.96–1.03)
England	2012	1.01 (0.97–1.04)
England	2013	1.0 (0.97–1.04)
England	2014	1.0 (0.96–1.03)
England	2015	1.0 (0.97–1.04)
England	2016	1.0 (0.96–1.04)
England	2017	1.02 (0.92–1.12)
East Midlands	1950	0.9 (0.74–1.08)
East Midlands	1951	1.04 (0.85–1.25)
East Midlands	1952	0.97 (0.8–1.17)
East Midlands	1953	0.98 (0.81–1.17)
East Midlands	1954	0.91 (0.75–1.1)
East Midlands	1955	0.91 (0.74–1.11)
East Midlands	1956	0.89 (0.73–1.09)
East Midlands	1957	0.9 (0.73–1.1)
East Midlands	1958	0.88 (0.71–1.07)
East Midlands	1959	0.87 (0.71–1.06)
East Midlands	1960	0.88 (0.71–1.06)
East Midlands	1961	0.89 (0.73–1.07)
East Midlands	1962	0.91 (0.74–1.09)
East Midlands	1963	0.91 (0.75–1.09)
East Midlands	1964	0.88 (0.72–1.05)
East Midlands	1965	0.85 (0.69–1.02)
East Midlands	1966	0.87 (0.71–1.04)
East Midlands	1967	0.85 (0.69–1.02)
East Midlands	1968	0.88 (0.72–1.05)
East Midlands	1969	0.89 (0.73–1.06)
East Midlands	1970	0.91 (0.76–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
East Midlands	1971	0.93 (0.78–1.1)
East Midlands	1972	0.93 (0.78–1.11)
East Midlands	1973	0.93 (0.78–1.12)
East Midlands	1974	0.94 (0.79–1.11)
East Midlands	1975	0.93 (0.79–1.1)
East Midlands	1976	0.9 (0.77–1.04)
East Midlands	1977	0.92 (0.8–1.04)
East Midlands	1978	0.96 (0.85–1.08)
East Midlands	1979	0.98 (0.9–1.08)
East Midlands	1980	0.97 (0.9–1.04)
East Midlands	1981	0.93 (0.89–0.97)
East Midlands	1982	0.98 (0.95–1.01)
East Midlands	1983	1.0 (0.97–1.03)
East Midlands	1984	0.98 (0.95–1.01)
East Midlands	1985	0.99 (0.95–1.02)
East Midlands	1986	0.99 (0.97–1.02)
East Midlands	1987	0.99 (0.96–1.01)
East Midlands	1988	1.0 (0.97–1.03)
East Midlands	1989	0.99 (0.97–1.01)
East Midlands	1990	1.0 (0.98–1.02)
East Midlands	1991	1.0 (0.98–1.02)
East Midlands	1992	0.97 (0.95–1.0)
East Midlands	1993	1.0 (0.97–1.02)
East Midlands	1994	1.01 (0.98–1.04)
East Midlands	1995	1.02 (0.99–1.05)
East Midlands	1996	1.04 (1.01–1.06)
East Midlands	1997	1.01 (0.97–1.05)
East Midlands	1998	1.0 (0.96–1.03)
East Midlands	1999	1.02 (0.99–1.06)
East Midlands	2000	1.01 (0.95–1.09)
East Midlands	2001	1.0 (0.96–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
East Midlands	2002	0.98 (0.95–1.02)
East Midlands	2003	1.02 (0.98–1.06)
East Midlands	2004	0.99 (0.96–1.02)
East Midlands	2005	0.99 (0.95–1.03)
East Midlands	2006	1.01 (0.97–1.05)
East Midlands	2007	1.01 (0.98–1.05)
East Midlands	2008	1.01 (0.98–1.04)
East Midlands	2009	1.0 (0.96–1.04)
East Midlands	2010	0.98 (0.95–1.02)
East Midlands	2011	1.0 (0.96–1.04)
East Midlands	2012	1.0 (0.96–1.04)
East Midlands	2013	0.99 (0.95–1.02)
East Midlands	2014	0.99 (0.95–1.03)
East Midlands	2015	1.0 (0.96–1.04)
East Midlands	2016	1.0 (0.94–1.05)
East Midlands	2017	1.02 (0.92–1.14)
Derby	1950	0.67 (0.55–0.8)
Derby	1951	0.77 (0.64–0.93)
Derby	1952	0.72 (0.6–0.87)
Derby	1953	0.73 (0.6–0.87)
Derby	1954	0.69 (0.56–0.82)
Derby	1955	0.69 (0.56–0.83)
Derby	1956	0.68 (0.56–0.82)
Derby	1957	0.69 (0.57–0.82)
Derby	1958	0.68 (0.57–0.8)
Derby	1959	0.68 (0.57–0.81)
Derby	1960	0.7 (0.57–0.83)
Derby	1961	0.71 (0.58–0.85)
Derby	1962	0.73 (0.6–0.88)
Derby	1963	0.74 (0.6–0.89)
Derby	1964	0.73 (0.59–0.87)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Derby	1965	0.71 (0.58–0.85)
Derby	1966	0.74 (0.6–0.88)
Derby	1967	0.73 (0.59–0.88)
Derby	1968	0.77 (0.62–0.92)
Derby	1969	0.78 (0.64–0.94)
Derby	1970	0.82 (0.67–0.98)
Derby	1971	0.84 (0.71–1.0)
Derby	1972	0.85 (0.71–1.0)
Derby	1973	0.86 (0.73–1.01)
Derby	1974	0.88 (0.76–1.02)
Derby	1975	0.89 (0.76–1.03)
Derby	1976	0.86 (0.74–0.98)
Derby	1977	0.89 (0.78–1.0)
Derby	1978	0.93 (0.84–1.04)
Derby	1979	0.96 (0.88–1.06)
Derby	1980	0.95 (0.88–1.02)
Derby	1981	0.91 (0.85–0.96)
Derby	1982	0.95 (0.89–1.01)
Derby	1983	0.97 (0.92–1.03)
Derby	1984	0.94 (0.89–0.99)
Derby	1985	0.96 (0.9–1.02)
Derby	1986	1.01 (0.95–1.08)
Derby	1987	1.02 (0.96–1.09)
Derby	1988	1.05 (0.98–1.12)
Derby	1989	1.03 (0.97–1.09)
Derby	1990	1.02 (0.97–1.08)
Derby	1991	1.0 (0.95–1.06)
Derby	1992	0.95 (0.89–1.0)
Derby	1993	0.96 (0.9–1.02)
Derby	1994	0.97 (0.91–1.04)
Derby	1995	0.97 (0.9–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Derby	1996	1.0 (0.93–1.07)
Derby	1997	0.98 (0.91–1.05)
Derby	1998	0.98 (0.91–1.05)
Derby	1999	1.01 (0.94–1.08)
Derby	2000	1.01 (0.91–1.11)
Derby	2001	0.99 (0.9–1.08)
Derby	2002	1.0 (0.92–1.09)
Derby	2003	1.06 (0.97–1.16)
Derby	2004	1.02 (0.93–1.13)
Derby	2005	1.02 (0.93–1.12)
Derby	2006	1.05 (0.96–1.16)
Derby	2007	1.05 (0.96–1.16)
Derby	2008	1.04 (0.95–1.14)
Derby	2009	1.02 (0.94–1.11)
Derby	2010	0.98 (0.91–1.06)
Derby	2011	0.99 (0.92–1.07)
Derby	2012	0.99 (0.93–1.06)
Derby	2013	0.97 (0.91–1.03)
Derby	2014	0.99 (0.92–1.07)
Derby	2015	1.0 (0.94–1.07)
Derby	2016	0.99 (0.93–1.04)
Derby	2017	1.01 (0.9–1.13)
Derbyshire	1950	0.67 (0.55–0.79)
Derbyshire	1951	0.77 (0.64–0.93)
Derbyshire	1952	0.72 (0.6–0.87)
Derbyshire	1953	0.73 (0.6–0.87)
Derbyshire	1954	0.68 (0.56–0.82)
Derbyshire	1955	0.69 (0.56–0.83)
Derbyshire	1956	0.68 (0.56–0.82)
Derbyshire	1957	0.69 (0.57–0.82)
Derbyshire	1958	0.68 (0.57–0.8)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Derbyshire	1959	0.68 (0.57–0.81)
Derbyshire	1960	0.7 (0.57–0.83)
Derbyshire	1961	0.71 (0.58–0.85)
Derbyshire	1962	0.73 (0.6–0.88)
Derbyshire	1963	0.74 (0.6–0.89)
Derbyshire	1964	0.73 (0.59–0.87)
Derbyshire	1965	0.71 (0.58–0.85)
Derbyshire	1966	0.74 (0.59–0.88)
Derbyshire	1967	0.73 (0.59–0.88)
Derbyshire	1968	0.77 (0.62–0.92)
Derbyshire	1969	0.78 (0.64–0.94)
Derbyshire	1970	0.82 (0.67–0.98)
Derbyshire	1971	0.84 (0.71–1.0)
Derbyshire	1972	0.85 (0.71–1.0)
Derbyshire	1973	0.86 (0.73–1.01)
Derbyshire	1974	0.88 (0.76–1.02)
Derbyshire	1975	0.88 (0.76–1.03)
Derbyshire	1976	0.86 (0.74–0.98)
Derbyshire	1977	0.88 (0.78–1.0)
Derbyshire	1978	0.93 (0.84–1.04)
Derbyshire	1979	0.96 (0.88–1.06)
Derbyshire	1980	0.95 (0.88–1.02)
Derbyshire	1981	0.91 (0.85–0.96)
Derbyshire	1982	0.95 (0.89–1.01)
Derbyshire	1983	0.97 (0.92–1.03)
Derbyshire	1984	0.94 (0.89–0.99)
Derbyshire	1985	0.96 (0.9–1.02)
Derbyshire	1986	1.01 (0.95–1.08)
Derbyshire	1987	1.02 (0.96–1.09)
Derbyshire	1988	1.05 (0.98–1.12)
Derbyshire	1989	1.03 (0.97–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Derbyshire	1990	1.02 (0.97–1.08)
Derbyshire	1991	1.0 (0.95–1.06)
Derbyshire	1992	0.95 (0.89–1.0)
Derbyshire	1993	0.96 (0.9–1.02)
Derbyshire	1994	0.97 (0.91–1.04)
Derbyshire	1995	0.97 (0.9–1.04)
Derbyshire	1996	1.0 (0.93–1.07)
Derbyshire	1997	0.97 (0.91–1.05)
Derbyshire	1998	0.98 (0.91–1.05)
Derbyshire	1999	1.01 (0.94–1.08)
Derbyshire	2000	1.01 (0.91–1.11)
Derbyshire	2001	0.99 (0.9–1.08)
Derbyshire	2002	1.0 (0.92–1.09)
Derbyshire	2003	1.06 (0.97–1.16)
Derbyshire	2004	1.02 (0.93–1.13)
Derbyshire	2005	1.02 (0.93–1.12)
Derbyshire	2006	1.05 (0.96–1.16)
Derbyshire	2007	1.05 (0.96–1.16)
Derbyshire	2008	1.04 (0.95–1.14)
Derbyshire	2009	1.02 (0.94–1.11)
Derbyshire	2010	0.98 (0.91–1.06)
Derbyshire	2011	0.99 (0.92–1.07)
Derbyshire	2012	0.99 (0.93–1.06)
Derbyshire	2013	0.97 (0.91–1.03)
Derbyshire	2014	0.99 (0.92–1.07)
Derbyshire	2015	1.0 (0.94–1.07)
Derbyshire	2016	0.99 (0.93–1.04)
Derbyshire	2017	1.01 (0.9–1.13)
Leicester	1950	0.67 (0.55–0.8)
Leicester	1951	0.77 (0.64–0.93)
Leicester	1952	0.72 (0.6–0.87)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Leicester	1953	0.73 (0.6–0.87)
Leicester	1954	0.69 (0.56–0.82)
Leicester	1955	0.69 (0.56–0.83)
Leicester	1956	0.68 (0.56–0.82)
Leicester	1957	0.69 (0.57–0.82)
Leicester	1958	0.68 (0.57–0.8)
Leicester	1959	0.68 (0.57–0.81)
Leicester	1960	0.7 (0.57–0.83)
Leicester	1961	0.71 (0.58–0.85)
Leicester	1962	0.73 (0.6–0.88)
Leicester	1963	0.74 (0.6–0.89)
Leicester	1964	0.73 (0.59–0.87)
Leicester	1965	0.71 (0.58–0.85)
Leicester	1966	0.74 (0.6–0.88)
Leicester	1967	0.73 (0.59–0.88)
Leicester	1968	0.77 (0.62–0.92)
Leicester	1969	0.78 (0.64–0.94)
Leicester	1970	0.82 (0.67–0.98)
Leicester	1971	0.84 (0.71–1.0)
Leicester	1972	0.85 (0.71–1.0)
Leicester	1973	0.86 (0.73–1.01)
Leicester	1974	0.88 (0.76–1.02)
Leicester	1975	0.89 (0.76–1.03)
Leicester	1976	0.86 (0.74–0.98)
Leicester	1977	0.89 (0.78–1.0)
Leicester	1978	0.93 (0.84–1.04)
Leicester	1979	0.96 (0.88–1.06)
Leicester	1980	0.95 (0.88–1.02)
Leicester	1981	0.91 (0.85–0.96)
Leicester	1982	0.95 (0.89–1.01)
Leicester	1983	0.97 (0.92–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Leicester	1984	0.94 (0.89–0.99)
Leicester	1985	0.96 (0.9–1.02)
Leicester	1986	1.01 (0.95–1.08)
Leicester	1987	1.02 (0.96–1.09)
Leicester	1988	1.05 (0.98–1.12)
Leicester	1989	1.03 (0.97–1.09)
Leicester	1990	1.02 (0.97–1.08)
Leicester	1991	1.0 (0.95–1.06)
Leicester	1992	0.95 (0.89–1.0)
Leicester	1993	0.96 (0.9–1.02)
Leicester	1994	0.97 (0.91–1.04)
Leicester	1995	0.97 (0.9–1.04)
Leicester	1996	1.0 (0.93–1.07)
Leicester	1997	0.98 (0.91–1.05)
Leicester	1998	0.98 (0.91–1.05)
Leicester	1999	1.01 (0.94–1.08)
Leicester	2000	1.01 (0.91–1.11)
Leicester	2001	0.99 (0.9–1.08)
Leicester	2002	1.0 (0.92–1.09)
Leicester	2003	1.06 (0.97–1.16)
Leicester	2004	1.02 (0.93–1.13)
Leicester	2005	1.02 (0.93–1.12)
Leicester	2006	1.05 (0.96–1.16)
Leicester	2007	1.05 (0.96–1.16)
Leicester	2008	1.04 (0.95–1.14)
Leicester	2009	1.02 (0.94–1.11)
Leicester	2010	0.98 (0.91–1.06)
Leicester	2011	0.99 (0.92–1.07)
Leicester	2012	0.99 (0.93–1.06)
Leicester	2013	0.97 (0.91–1.03)
Leicester	2014	0.99 (0.92–1.07)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Leicester	2015	1.0 (0.94–1.07)
Leicester	2016	0.99 (0.93–1.04)
Leicester	2017	1.01 (0.9–1.13)
Leicestershire	1950	0.67 (0.55–0.79)
Leicestershire	1951	0.77 (0.64–0.93)
Leicestershire	1952	0.72 (0.6–0.87)
Leicestershire	1953	0.73 (0.6–0.87)
Leicestershire	1954	0.68 (0.56–0.82)
Leicestershire	1955	0.69 (0.56–0.83)
Leicestershire	1956	0.68 (0.56–0.82)
Leicestershire	1957	0.69 (0.57–0.82)
Leicestershire	1958	0.68 (0.57–0.8)
Leicestershire	1959	0.68 (0.57–0.81)
Leicestershire	1960	0.7 (0.57–0.83)
Leicestershire	1961	0.71 (0.58–0.85)
Leicestershire	1962	0.73 (0.6–0.88)
Leicestershire	1963	0.74 (0.6–0.89)
Leicestershire	1964	0.73 (0.59–0.87)
Leicestershire	1965	0.71 (0.58–0.85)
Leicestershire	1966	0.74 (0.59–0.88)
Leicestershire	1967	0.73 (0.59–0.88)
Leicestershire	1968	0.77 (0.62–0.92)
Leicestershire	1969	0.78 (0.64–0.94)
Leicestershire	1970	0.81 (0.67–0.98)
Leicestershire	1971	0.84 (0.71–1.0)
Leicestershire	1972	0.85 (0.71–1.0)
Leicestershire	1973	0.86 (0.73–1.01)
Leicestershire	1974	0.88 (0.76–1.02)
Leicestershire	1975	0.88 (0.76–1.03)
Leicestershire	1976	0.86 (0.74–0.98)
Leicestershire	1977	0.88 (0.78–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Leicestershire	1978	0.93 (0.84–1.04)
Leicestershire	1979	0.96 (0.88–1.06)
Leicestershire	1980	0.95 (0.88–1.02)
Leicestershire	1981	0.91 (0.85–0.96)
Leicestershire	1982	0.95 (0.89–1.01)
Leicestershire	1983	0.97 (0.92–1.03)
Leicestershire	1984	0.94 (0.89–0.99)
Leicestershire	1985	0.96 (0.9–1.02)
Leicestershire	1986	1.01 (0.95–1.08)
Leicestershire	1987	1.02 (0.96–1.09)
Leicestershire	1988	1.05 (0.98–1.12)
Leicestershire	1989	1.03 (0.97–1.09)
Leicestershire	1990	1.02 (0.97–1.08)
Leicestershire	1991	1.0 (0.95–1.06)
Leicestershire	1992	0.95 (0.89–1.0)
Leicestershire	1993	0.96 (0.9–1.02)
Leicestershire	1994	0.97 (0.91–1.04)
Leicestershire	1995	0.97 (0.9–1.04)
Leicestershire	1996	1.0 (0.93–1.07)
Leicestershire	1997	0.97 (0.91–1.05)
Leicestershire	1998	0.98 (0.91–1.05)
Leicestershire	1999	1.01 (0.94–1.08)
Leicestershire	2000	1.01 (0.91–1.11)
Leicestershire	2001	0.99 (0.9–1.08)
Leicestershire	2002	1.0 (0.92–1.09)
Leicestershire	2003	1.06 (0.97–1.16)
Leicestershire	2004	1.02 (0.93–1.13)
Leicestershire	2005	1.02 (0.93–1.12)
Leicestershire	2006	1.05 (0.96–1.16)
Leicestershire	2007	1.05 (0.96–1.16)
Leicestershire	2008	1.04 (0.95–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Leicestershire	2009	1.02 (0.94–1.11)
Leicestershire	2010	0.98 (0.91–1.06)
Leicestershire	2011	0.99 (0.92–1.07)
Leicestershire	2012	0.99 (0.93–1.06)
Leicestershire	2013	0.97 (0.91–1.03)
Leicestershire	2014	0.99 (0.92–1.07)
Leicestershire	2015	1.0 (0.94–1.07)
Leicestershire	2016	0.99 (0.93–1.04)
Leicestershire	2017	1.01 (0.9–1.13)
Lincolnshire	1950	0.67 (0.55–0.79)
Lincolnshire	1951	0.77 (0.64–0.93)
Lincolnshire	1952	0.72 (0.6–0.87)
Lincolnshire	1953	0.73 (0.6–0.87)
Lincolnshire	1954	0.68 (0.56–0.82)
Lincolnshire	1955	0.69 (0.56–0.83)
Lincolnshire	1956	0.68 (0.56–0.82)
Lincolnshire	1957	0.69 (0.57–0.82)
Lincolnshire	1958	0.68 (0.57–0.8)
Lincolnshire	1959	0.68 (0.57–0.81)
Lincolnshire	1960	0.7 (0.57–0.83)
Lincolnshire	1961	0.71 (0.58–0.85)
Lincolnshire	1962	0.73 (0.6–0.88)
Lincolnshire	1963	0.74 (0.6–0.89)
Lincolnshire	1964	0.73 (0.59–0.87)
Lincolnshire	1965	0.71 (0.58–0.85)
Lincolnshire	1966	0.74 (0.59–0.88)
Lincolnshire	1967	0.73 (0.59–0.88)
Lincolnshire	1968	0.77 (0.62–0.92)
Lincolnshire	1969	0.78 (0.64–0.94)
Lincolnshire	1970	0.82 (0.67–0.98)
Lincolnshire	1971	0.84 (0.71–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Lincolnshire	1972	0.85 (0.71–1.0)
Lincolnshire	1973	0.86 (0.73–1.01)
Lincolnshire	1974	0.88 (0.76–1.02)
Lincolnshire	1975	0.88 (0.76–1.03)
Lincolnshire	1976	0.86 (0.74–0.98)
Lincolnshire	1977	0.88 (0.78–1.0)
Lincolnshire	1978	0.93 (0.84–1.04)
Lincolnshire	1979	0.96 (0.88–1.06)
Lincolnshire	1980	0.95 (0.88–1.02)
Lincolnshire	1981	0.91 (0.85–0.96)
Lincolnshire	1982	0.95 (0.89–1.01)
Lincolnshire	1983	0.97 (0.92–1.03)
Lincolnshire	1984	0.94 (0.89–0.99)
Lincolnshire	1985	0.96 (0.9–1.02)
Lincolnshire	1986	1.01 (0.95–1.08)
Lincolnshire	1987	1.02 (0.96–1.09)
Lincolnshire	1988	1.05 (0.98–1.12)
Lincolnshire	1989	1.03 (0.97–1.09)
Lincolnshire	1990	1.02 (0.97–1.08)
Lincolnshire	1991	1.0 (0.95–1.06)
Lincolnshire	1992	0.95 (0.89–1.0)
Lincolnshire	1993	0.96 (0.9–1.02)
Lincolnshire	1994	0.97 (0.91–1.04)
Lincolnshire	1995	0.97 (0.9–1.04)
Lincolnshire	1996	1.0 (0.93–1.07)
Lincolnshire	1997	0.97 (0.91–1.05)
Lincolnshire	1998	0.98 (0.91–1.05)
Lincolnshire	1999	1.01 (0.94–1.08)
Lincolnshire	2000	1.01 (0.91–1.11)
Lincolnshire	2001	0.99 (0.9–1.08)
Lincolnshire	2002	1.0 (0.92–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Lincolnshire	2003	1.06 (0.97–1.16)
Lincolnshire	2004	1.02 (0.93–1.13)
Lincolnshire	2005	1.02 (0.93–1.12)
Lincolnshire	2006	1.05 (0.96–1.16)
Lincolnshire	2007	1.05 (0.96–1.16)
Lincolnshire	2008	1.04 (0.95–1.14)
Lincolnshire	2009	1.02 (0.94–1.11)
Lincolnshire	2010	0.98 (0.91–1.06)
Lincolnshire	2011	0.99 (0.92–1.07)
Lincolnshire	2012	0.99 (0.93–1.06)
Lincolnshire	2013	0.97 (0.91–1.03)
Lincolnshire	2014	0.99 (0.92–1.07)
Lincolnshire	2015	1.0 (0.94–1.07)
Lincolnshire	2016	0.99 (0.93–1.04)
Lincolnshire	2017	1.01 (0.9–1.13)
Northamptonshire	1950	0.67 (0.55–0.79)
Northamptonshire	1951	0.77 (0.64–0.93)
Northamptonshire	1952	0.72 (0.6–0.87)
Northamptonshire	1953	0.73 (0.6–0.87)
Northamptonshire	1954	0.68 (0.56–0.82)
Northamptonshire	1955	0.69 (0.56–0.83)
Northamptonshire	1956	0.68 (0.56–0.82)
Northamptonshire	1957	0.69 (0.57–0.82)
Northamptonshire	1958	0.68 (0.57–0.8)
Northamptonshire	1959	0.68 (0.57–0.81)
Northamptonshire	1960	0.7 (0.57–0.83)
Northamptonshire	1961	0.71 (0.58–0.85)
Northamptonshire	1962	0.73 (0.6–0.88)
Northamptonshire	1963	0.74 (0.6–0.89)
Northamptonshire	1964	0.73 (0.59–0.87)
Northamptonshire	1965	0.71 (0.58–0.85)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Northamptonshire	1966	0.74 (0.59–0.88)
Northamptonshire	1967	0.73 (0.59–0.88)
Northamptonshire	1968	0.77 (0.62–0.92)
Northamptonshire	1969	0.78 (0.64–0.94)
Northamptonshire	1970	0.82 (0.67–0.98)
Northamptonshire	1971	0.84 (0.71–1.0)
Northamptonshire	1972	0.85 (0.71–1.0)
Northamptonshire	1973	0.86 (0.73–1.01)
Northamptonshire	1974	0.88 (0.76–1.02)
Northamptonshire	1975	0.89 (0.76–1.03)
Northamptonshire	1976	0.86 (0.74–0.98)
Northamptonshire	1977	0.88 (0.78–1.0)
Northamptonshire	1978	0.93 (0.84–1.04)
Northamptonshire	1979	0.96 (0.88–1.06)
Northamptonshire	1980	0.95 (0.88–1.02)
Northamptonshire	1981	0.91 (0.85–0.96)
Northamptonshire	1982	0.95 (0.89–1.01)
Northamptonshire	1983	0.97 (0.92–1.03)
Northamptonshire	1984	0.94 (0.89–0.99)
Northamptonshire	1985	0.96 (0.9–1.02)
Northamptonshire	1986	1.01 (0.95–1.08)
Northamptonshire	1987	1.02 (0.96–1.09)
Northamptonshire	1988	1.05 (0.98–1.12)
Northamptonshire	1989	1.03 (0.97–1.09)
Northamptonshire	1990	1.02 (0.97–1.08)
Northamptonshire	1991	1.0 (0.95–1.06)
Northamptonshire	1992	0.95 (0.89–1.0)
Northamptonshire	1993	0.96 (0.9–1.02)
Northamptonshire	1994	0.97 (0.91–1.04)
Northamptonshire	1995	0.97 (0.9–1.04)
Northamptonshire	1996	1.0 (0.93–1.07)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Northamptonshire	1997	0.97 (0.91–1.05)
Northamptonshire	1998	0.98 (0.91–1.05)
Northamptonshire	1999	1.01 (0.94–1.08)
Northamptonshire	2000	1.01 (0.91–1.11)
Northamptonshire	2001	0.99 (0.9–1.08)
Northamptonshire	2002	1.0 (0.92–1.09)
Northamptonshire	2003	1.06 (0.97–1.16)
Northamptonshire	2004	1.02 (0.93–1.13)
Northamptonshire	2005	1.02 (0.93–1.12)
Northamptonshire	2006	1.05 (0.96–1.16)
Northamptonshire	2007	1.05 (0.96–1.16)
Northamptonshire	2008	1.04 (0.95–1.14)
Northamptonshire	2009	1.02 (0.94–1.11)
Northamptonshire	2010	0.98 (0.91–1.06)
Northamptonshire	2011	0.99 (0.92–1.07)
Northamptonshire	2012	0.99 (0.93–1.06)
Northamptonshire	2013	0.97 (0.91–1.03)
Northamptonshire	2014	0.99 (0.92–1.07)
Northamptonshire	2015	1.0 (0.94–1.07)
Northamptonshire	2016	0.99 (0.93–1.04)
Northamptonshire	2017	1.01 (0.9–1.13)
Nottingham	1950	0.67 (0.55–0.8)
Nottingham	1951	0.77 (0.64–0.93)
Nottingham	1952	0.72 (0.6–0.87)
Nottingham	1953	0.73 (0.6–0.87)
Nottingham	1954	0.69 (0.56–0.82)
Nottingham	1955	0.69 (0.56–0.83)
Nottingham	1956	0.68 (0.56–0.82)
Nottingham	1957	0.69 (0.57–0.82)
Nottingham	1958	0.68 (0.57–0.8)
Nottingham	1959	0.68 (0.57–0.81)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nottingham	1960	0.7 (0.57–0.83)
Nottingham	1961	0.71 (0.58–0.85)
Nottingham	1962	0.73 (0.6–0.88)
Nottingham	1963	0.74 (0.6–0.89)
Nottingham	1964	0.73 (0.59–0.87)
Nottingham	1965	0.71 (0.58–0.85)
Nottingham	1966	0.74 (0.59–0.88)
Nottingham	1967	0.73 (0.59–0.88)
Nottingham	1968	0.77 (0.62–0.92)
Nottingham	1969	0.78 (0.64–0.94)
Nottingham	1970	0.82 (0.67–0.98)
Nottingham	1971	0.84 (0.71–1.0)
Nottingham	1972	0.85 (0.71–1.0)
Nottingham	1973	0.86 (0.73–1.01)
Nottingham	1974	0.88 (0.76–1.02)
Nottingham	1975	0.89 (0.76–1.03)
Nottingham	1976	0.86 (0.74–0.98)
Nottingham	1977	0.89 (0.78–1.0)
Nottingham	1978	0.93 (0.84–1.04)
Nottingham	1979	0.96 (0.88–1.06)
Nottingham	1980	0.95 (0.88–1.02)
Nottingham	1981	0.91 (0.85–0.96)
Nottingham	1982	0.95 (0.89–1.01)
Nottingham	1983	0.97 (0.92–1.03)
Nottingham	1984	0.94 (0.89–0.99)
Nottingham	1985	0.96 (0.9–1.02)
Nottingham	1986	1.01 (0.95–1.08)
Nottingham	1987	1.02 (0.96–1.09)
Nottingham	1988	1.05 (0.98–1.12)
Nottingham	1989	1.03 (0.97–1.09)
Nottingham	1990	1.02 (0.97–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nottingham	1991	1.0 (0.95–1.06)
Nottingham	1992	0.95 (0.89–1.0)
Nottingham	1993	0.96 (0.9–1.02)
Nottingham	1994	0.97 (0.91–1.04)
Nottingham	1995	0.97 (0.9–1.04)
Nottingham	1996	1.0 (0.93–1.07)
Nottingham	1997	0.98 (0.91–1.05)
Nottingham	1998	0.98 (0.91–1.05)
Nottingham	1999	1.01 (0.94–1.08)
Nottingham	2000	1.01 (0.91–1.11)
Nottingham	2001	0.99 (0.9–1.08)
Nottingham	2002	1.0 (0.92–1.09)
Nottingham	2003	1.06 (0.97–1.16)
Nottingham	2004	1.02 (0.93–1.12)
Nottingham	2005	1.02 (0.93–1.12)
Nottingham	2006	1.05 (0.96–1.16)
Nottingham	2007	1.05 (0.96–1.16)
Nottingham	2008	1.04 (0.95–1.14)
Nottingham	2009	1.02 (0.94–1.11)
Nottingham	2010	0.98 (0.91–1.06)
Nottingham	2011	0.99 (0.92–1.07)
Nottingham	2012	0.99 (0.93–1.06)
Nottingham	2013	0.97 (0.91–1.03)
Nottingham	2014	0.99 (0.92–1.07)
Nottingham	2015	1.0 (0.94–1.07)
Nottingham	2016	0.99 (0.93–1.04)
Nottingham	2017	1.01 (0.9–1.13)
Nottinghamshire	1950	0.67 (0.55–0.79)
Nottinghamshire	1951	0.77 (0.64–0.93)
Nottinghamshire	1952	0.72 (0.6–0.87)
Nottinghamshire	1953	0.73 (0.6–0.87)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nottinghamshire	1954	0.68 (0.56–0.82)
Nottinghamshire	1955	0.69 (0.56–0.83)
Nottinghamshire	1956	0.68 (0.56–0.82)
Nottinghamshire	1957	0.69 (0.57–0.82)
Nottinghamshire	1958	0.68 (0.57–0.8)
Nottinghamshire	1959	0.68 (0.57–0.81)
Nottinghamshire	1960	0.7 (0.57–0.83)
Nottinghamshire	1961	0.71 (0.58–0.85)
Nottinghamshire	1962	0.73 (0.6–0.88)
Nottinghamshire	1963	0.74 (0.6–0.89)
Nottinghamshire	1964	0.73 (0.59–0.87)
Nottinghamshire	1965	0.71 (0.58–0.85)
Nottinghamshire	1966	0.74 (0.59–0.88)
Nottinghamshire	1967	0.73 (0.59–0.88)
Nottinghamshire	1968	0.77 (0.62–0.92)
Nottinghamshire	1969	0.78 (0.64–0.94)
Nottinghamshire	1970	0.82 (0.67–0.98)
Nottinghamshire	1971	0.84 (0.71–1.0)
Nottinghamshire	1972	0.85 (0.71–1.0)
Nottinghamshire	1973	0.86 (0.73–1.01)
Nottinghamshire	1974	0.88 (0.76–1.02)
Nottinghamshire	1975	0.88 (0.76–1.03)
Nottinghamshire	1976	0.86 (0.74–0.98)
Nottinghamshire	1977	0.88 (0.78–1.0)
Nottinghamshire	1978	0.93 (0.84–1.04)
Nottinghamshire	1979	0.96 (0.88–1.06)
Nottinghamshire	1980	0.95 (0.88–1.02)
Nottinghamshire	1981	0.91 (0.85–0.96)
Nottinghamshire	1982	0.95 (0.89–1.01)
Nottinghamshire	1983	0.97 (0.92–1.03)
Nottinghamshire	1984	0.94 (0.89–0.99)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nottinghamshire	1985	0.96 (0.9–1.02)
Nottinghamshire	1986	1.01 (0.95–1.08)
Nottinghamshire	1987	1.02 (0.96–1.09)
Nottinghamshire	1988	1.05 (0.98–1.12)
Nottinghamshire	1989	1.03 (0.97–1.09)
Nottinghamshire	1990	1.02 (0.97–1.08)
Nottinghamshire	1991	1.0 (0.95–1.06)
Nottinghamshire	1992	0.95 (0.89–1.0)
Nottinghamshire	1993	0.96 (0.9–1.02)
Nottinghamshire	1994	0.97 (0.91–1.04)
Nottinghamshire	1995	0.97 (0.9–1.04)
Nottinghamshire	1996	1.0 (0.93–1.07)
Nottinghamshire	1997	0.97 (0.91–1.05)
Nottinghamshire	1998	0.98 (0.91–1.05)
Nottinghamshire	1999	1.01 (0.94–1.08)
Nottinghamshire	2000	1.01 (0.91–1.11)
Nottinghamshire	2001	0.99 (0.9–1.08)
Nottinghamshire	2002	1.0 (0.92–1.09)
Nottinghamshire	2003	1.06 (0.97–1.16)
Nottinghamshire	2004	1.02 (0.93–1.13)
Nottinghamshire	2005	1.02 (0.93–1.12)
Nottinghamshire	2006	1.05 (0.96–1.16)
Nottinghamshire	2007	1.05 (0.96–1.16)
Nottinghamshire	2008	1.04 (0.95–1.14)
Nottinghamshire	2009	1.02 (0.94–1.11)
Nottinghamshire	2010	0.98 (0.91–1.06)
Nottinghamshire	2011	0.99 (0.92–1.07)
Nottinghamshire	2012	0.99 (0.93–1.06)
Nottinghamshire	2013	0.97 (0.91–1.03)
Nottinghamshire	2014	0.99 (0.92–1.07)
Nottinghamshire	2015	1.0 (0.94–1.07)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nottinghamshire	2016	0.99 (0.93–1.04)
Nottinghamshire	2017	1.01 (0.9–1.13)
Rutland	1950	0.66 (0.55–0.79)
Rutland	1951	0.77 (0.64–0.93)
Rutland	1952	0.72 (0.6–0.87)
Rutland	1953	0.73 (0.59–0.87)
Rutland	1954	0.68 (0.56–0.82)
Rutland	1955	0.68 (0.56–0.83)
Rutland	1956	0.67 (0.55–0.82)
Rutland	1957	0.69 (0.57–0.82)
Rutland	1958	0.68 (0.57–0.8)
Rutland	1959	0.68 (0.57–0.81)
Rutland	1960	0.7 (0.57–0.83)
Rutland	1961	0.71 (0.58–0.84)
Rutland	1962	0.73 (0.6–0.87)
Rutland	1963	0.74 (0.6–0.89)
Rutland	1964	0.72 (0.59–0.87)
Rutland	1965	0.71 (0.58–0.85)
Rutland	1966	0.74 (0.59–0.88)
Rutland	1967	0.73 (0.59–0.88)
Rutland	1968	0.77 (0.62–0.92)
Rutland	1969	0.78 (0.64–0.94)
Rutland	1970	0.81 (0.67–0.98)
Rutland	1971	0.84 (0.71–1.0)
Rutland	1972	0.85 (0.71–1.0)
Rutland	1973	0.86 (0.73–1.01)
Rutland	1974	0.88 (0.76–1.02)
Rutland	1975	0.88 (0.76–1.03)
Rutland	1976	0.86 (0.74–0.98)
Rutland	1977	0.88 (0.78–1.0)
Rutland	1978	0.93 (0.84–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rutland	1979	0.96 (0.88–1.06)
Rutland	1980	0.95 (0.88–1.02)
Rutland	1981	0.91 (0.85–0.96)
Rutland	1982	0.95 (0.89–1.01)
Rutland	1983	0.97 (0.92–1.03)
Rutland	1984	0.94 (0.89–0.99)
Rutland	1985	0.96 (0.9–1.02)
Rutland	1986	1.01 (0.95–1.08)
Rutland	1987	1.02 (0.96–1.09)
Rutland	1988	1.05 (0.98–1.12)
Rutland	1989	1.03 (0.97–1.09)
Rutland	1990	1.02 (0.97–1.08)
Rutland	1991	1.0 (0.95–1.06)
Rutland	1992	0.95 (0.89–1.0)
Rutland	1993	0.96 (0.9–1.02)
Rutland	1994	0.97 (0.91–1.04)
Rutland	1995	0.97 (0.9–1.04)
Rutland	1996	1.0 (0.93–1.07)
Rutland	1997	0.97 (0.91–1.05)
Rutland	1998	0.98 (0.91–1.05)
Rutland	1999	1.01 (0.94–1.08)
Rutland	2000	1.01 (0.91–1.11)
Rutland	2001	0.99 (0.9–1.08)
Rutland	2002	1.0 (0.92–1.1)
Rutland	2003	1.06 (0.97–1.16)
Rutland	2004	1.02 (0.93–1.13)
Rutland	2005	1.02 (0.93–1.12)
Rutland	2006	1.05 (0.96–1.16)
Rutland	2007	1.05 (0.96–1.16)
Rutland	2008	1.04 (0.95–1.14)
Rutland	2009	1.02 (0.94–1.11)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rutland	2010	0.98 (0.91–1.06)
Rutland	2011	0.99 (0.92–1.07)
Rutland	2012	0.99 (0.93–1.06)
Rutland	2013	0.97 (0.91–1.03)
Rutland	2014	0.99 (0.92–1.07)
Rutland	2015	1.0 (0.94–1.07)
Rutland	2016	0.99 (0.93–1.04)
Rutland	2017	1.01 (0.9–1.13)
East of England	1950	0.9 (0.74–1.08)
East of England	1951	1.04 (0.85–1.25)
East of England	1952	0.97 (0.8–1.17)
East of England	1953	0.98 (0.81–1.17)
East of England	1954	0.91 (0.75–1.1)
East of England	1955	0.91 (0.74–1.11)
East of England	1956	0.89 (0.73–1.09)
East of England	1957	0.9 (0.73–1.1)
East of England	1958	0.88 (0.71–1.07)
East of England	1959	0.87 (0.71–1.06)
East of England	1960	0.88 (0.71–1.06)
East of England	1961	0.89 (0.72–1.07)
East of England	1962	0.91 (0.74–1.09)
East of England	1963	0.91 (0.75–1.09)
East of England	1964	0.88 (0.72–1.05)
East of England	1965	0.85 (0.69–1.02)
East of England	1966	0.87 (0.71–1.04)
East of England	1967	0.85 (0.69–1.02)
East of England	1968	0.88 (0.72–1.05)
East of England	1969	0.89 (0.73–1.06)
East of England	1970	0.91 (0.76–1.08)
East of England	1971	0.93 (0.78–1.1)
East of England	1972	0.93 (0.78–1.11)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
East of England	1973	0.93 (0.78–1.12)
East of England	1974	0.94 (0.79–1.11)
East of England	1975	0.93 (0.79–1.1)
East of England	1976	0.9 (0.77–1.04)
East of England	1977	0.92 (0.8–1.04)
East of England	1978	0.96 (0.85–1.08)
East of England	1979	0.98 (0.9–1.08)
East of England	1980	0.97 (0.9–1.04)
East of England	1981	0.93 (0.89–0.97)
East of England	1982	0.98 (0.95–1.01)
East of England	1983	1.0 (0.97–1.03)
East of England	1984	0.98 (0.95–1.01)
East of England	1985	0.99 (0.95–1.02)
East of England	1986	0.99 (0.97–1.02)
East of England	1987	0.99 (0.96–1.01)
East of England	1988	1.0 (0.97–1.03)
East of England	1989	0.99 (0.97–1.01)
East of England	1990	1.0 (0.98–1.02)
East of England	1991	1.0 (0.98–1.02)
East of England	1992	0.97 (0.95–1.0)
East of England	1993	1.0 (0.97–1.02)
East of England	1994	1.01 (0.98–1.04)
East of England	1995	1.02 (0.99–1.05)
East of England	1996	1.04 (1.01–1.06)
East of England	1997	1.01 (0.97–1.05)
East of England	1998	1.0 (0.96–1.03)
East of England	1999	1.02 (0.99–1.06)
East of England	2000	1.01 (0.95–1.09)
East of England	2001	1.0 (0.96–1.04)
East of England	2002	0.98 (0.95–1.02)
East of England	2003	1.02 (0.98–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
East of England	2004	0.99 (0.96–1.02)
East of England	2005	0.99 (0.95–1.03)
East of England	2006	1.01 (0.97–1.05)
East of England	2007	1.01 (0.98–1.05)
East of England	2008	1.01 (0.98–1.04)
East of England	2009	1.0 (0.96–1.04)
East of England	2010	0.98 (0.95–1.02)
East of England	2011	1.0 (0.96–1.04)
East of England	2012	1.0 (0.96–1.04)
East of England	2013	0.99 (0.95–1.02)
East of England	2014	0.99 (0.95–1.03)
East of England	2015	1.0 (0.96–1.04)
East of England	2016	1.0 (0.94–1.05)
East of England	2017	1.02 (0.92–1.14)
Bedford	1950	0.7 (0.57–0.83)
Bedford	1951	0.81 (0.67–0.97)
Bedford	1952	0.76 (0.62–0.9)
Bedford	1953	0.76 (0.63–0.91)
Bedford	1954	0.71 (0.59–0.85)
Bedford	1955	0.71 (0.59–0.85)
Bedford	1956	0.7 (0.59–0.83)
Bedford	1957	0.71 (0.61–0.83)
Bedford	1958	0.7 (0.61–0.81)
Bedford	1959	0.71 (0.61–0.82)
Bedford	1960	0.72 (0.61–0.85)
Bedford	1961	0.73 (0.61–0.88)
Bedford	1962	0.76 (0.63–0.9)
Bedford	1963	0.76 (0.63–0.91)
Bedford	1964	0.75 (0.61–0.89)
Bedford	1965	0.73 (0.6–0.87)
Bedford	1966	0.76 (0.61–0.9)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bedford	1967	0.75 (0.6–0.9)
Bedford	1968	0.78 (0.63–0.94)
Bedford	1969	0.8 (0.65–0.95)
Bedford	1970	0.83 (0.69–0.98)
Bedford	1971	0.86 (0.72–1.0)
Bedford	1972	0.86 (0.73–1.01)
Bedford	1973	0.87 (0.74–1.0)
Bedford	1974	0.89 (0.76–1.02)
Bedford	1975	0.89 (0.77–1.03)
Bedford	1976	0.86 (0.75–0.99)
Bedford	1977	0.89 (0.79–1.0)
Bedford	1978	0.94 (0.85–1.04)
Bedford	1979	0.96 (0.87–1.06)
Bedford	1980	0.95 (0.87–1.04)
Bedford	1981	0.91 (0.85–0.98)
Bedford	1982	0.96 (0.89–1.03)
Bedford	1983	0.96 (0.9–1.03)
Bedford	1984	0.96 (0.9–1.02)
Bedford	1985	0.99 (0.93–1.05)
Bedford	1986	1.02 (0.95–1.08)
Bedford	1987	1.02 (0.96–1.09)
Bedford	1988	1.03 (0.97–1.1)
Bedford	1989	1.0 (0.94–1.06)
Bedford	1990	0.98 (0.93–1.04)
Bedford	1991	0.96 (0.91–1.02)
Bedford	1992	0.92 (0.86–0.98)
Bedford	1993	0.95 (0.88–1.02)
Bedford	1994	0.98 (0.91–1.05)
Bedford	1995	0.99 (0.92–1.07)
Bedford	1996	1.03 (0.96–1.1)
Bedford	1997	1.0 (0.93–1.07)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bedford	1998	0.99 (0.92–1.06)
Bedford	1999	1.01 (0.94–1.08)
Bedford	2000	0.99 (0.9–1.08)
Bedford	2001	0.98 (0.91–1.07)
Bedford	2002	0.98 (0.92–1.05)
Bedford	2003	1.03 (0.94–1.12)
Bedford	2004	1.0 (0.91–1.1)
Bedford	2005	1.01 (0.92–1.1)
Bedford	2006	1.04 (0.95–1.14)
Bedford	2007	1.05 (0.96–1.16)
Bedford	2008	1.04 (0.95–1.14)
Bedford	2009	1.02 (0.94–1.11)
Bedford	2010	0.99 (0.92–1.05)
Bedford	2011	1.02 (0.94–1.09)
Bedford	2012	1.01 (0.93–1.08)
Bedford	2013	0.96 (0.89–1.04)
Bedford	2014	0.97 (0.89–1.06)
Bedford	2015	0.97 (0.89–1.05)
Bedford	2016	0.97 (0.9–1.03)
Bedford	2017	0.99 (0.88–1.11)
Cambridgeshire	1950	0.69 (0.57–0.83)
Cambridgeshire	1951	0.81 (0.66–0.97)
Cambridgeshire	1952	0.75 (0.62–0.9)
Cambridgeshire	1953	0.76 (0.63–0.91)
Cambridgeshire	1954	0.71 (0.59–0.85)
Cambridgeshire	1955	0.71 (0.59–0.85)
Cambridgeshire	1956	0.7 (0.59–0.83)
Cambridgeshire	1957	0.71 (0.61–0.83)
Cambridgeshire	1958	0.7 (0.61–0.81)
Cambridgeshire	1959	0.7 (0.61–0.82)
Cambridgeshire	1960	0.72 (0.61–0.85)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Cambridgeshire	1961	0.73 (0.61–0.88)
Cambridgeshire	1962	0.76 (0.63–0.9)
Cambridgeshire	1963	0.76 (0.63–0.91)
Cambridgeshire	1964	0.75 (0.61–0.89)
Cambridgeshire	1965	0.73 (0.6–0.87)
Cambridgeshire	1966	0.75 (0.61–0.9)
Cambridgeshire	1967	0.75 (0.6–0.9)
Cambridgeshire	1968	0.78 (0.63–0.94)
Cambridgeshire	1969	0.8 (0.65–0.95)
Cambridgeshire	1970	0.83 (0.68–0.98)
Cambridgeshire	1971	0.86 (0.72–1.0)
Cambridgeshire	1972	0.86 (0.73–1.01)
Cambridgeshire	1973	0.87 (0.74–1.0)
Cambridgeshire	1974	0.89 (0.76–1.02)
Cambridgeshire	1975	0.89 (0.77–1.03)
Cambridgeshire	1976	0.86 (0.75–0.99)
Cambridgeshire	1977	0.89 (0.78–1.0)
Cambridgeshire	1978	0.94 (0.85–1.04)
Cambridgeshire	1979	0.96 (0.87–1.06)
Cambridgeshire	1980	0.95 (0.87–1.04)
Cambridgeshire	1981	0.91 (0.85–0.98)
Cambridgeshire	1982	0.96 (0.89–1.03)
Cambridgeshire	1983	0.96 (0.9–1.03)
Cambridgeshire	1984	0.96 (0.9–1.02)
Cambridgeshire	1985	0.99 (0.93–1.05)
Cambridgeshire	1986	1.02 (0.95–1.08)
Cambridgeshire	1987	1.02 (0.96–1.09)
Cambridgeshire	1988	1.03 (0.97–1.1)
Cambridgeshire	1989	1.0 (0.94–1.06)
Cambridgeshire	1990	0.98 (0.93–1.04)
Cambridgeshire	1991	0.96 (0.91–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Cambridgeshire	1992	0.92 (0.86–0.98)
Cambridgeshire	1993	0.95 (0.88–1.02)
Cambridgeshire	1994	0.98 (0.91–1.05)
Cambridgeshire	1995	0.99 (0.92–1.07)
Cambridgeshire	1996	1.03 (0.96–1.1)
Cambridgeshire	1997	1.0 (0.93–1.07)
Cambridgeshire	1998	0.99 (0.92–1.06)
Cambridgeshire	1999	1.01 (0.94–1.08)
Cambridgeshire	2000	0.99 (0.9–1.08)
Cambridgeshire	2001	0.98 (0.91–1.07)
Cambridgeshire	2002	0.98 (0.92–1.05)
Cambridgeshire	2003	1.03 (0.94–1.12)
Cambridgeshire	2004	1.0 (0.91–1.1)
Cambridgeshire	2005	1.01 (0.92–1.1)
Cambridgeshire	2006	1.04 (0.95–1.14)
Cambridgeshire	2007	1.05 (0.96–1.16)
Cambridgeshire	2008	1.04 (0.95–1.14)
Cambridgeshire	2009	1.02 (0.94–1.11)
Cambridgeshire	2010	0.99 (0.92–1.05)
Cambridgeshire	2011	1.02 (0.94–1.09)
Cambridgeshire	2012	1.01 (0.93–1.08)
Cambridgeshire	2013	0.96 (0.89–1.04)
Cambridgeshire	2014	0.97 (0.89–1.06)
Cambridgeshire	2015	0.97 (0.89–1.05)
Cambridgeshire	2016	0.97 (0.9–1.03)
Cambridgeshire	2017	0.99 (0.88–1.11)
Central Bedfordshire	1950	0.7 (0.57–0.83)
Central Bedfordshire	1951	0.81 (0.66–0.97)
Central Bedfordshire	1952	0.76 (0.62–0.9)
Central Bedfordshire	1953	0.76 (0.63–0.91)
Central Bedfordshire	1954	0.71 (0.59–0.85)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Central Bedfordshire	1955	0.71 (0.59–0.85)
Central Bedfordshire	1956	0.7 (0.59–0.83)
Central Bedfordshire	1957	0.71 (0.61–0.83)
Central Bedfordshire	1958	0.7 (0.61–0.81)
Central Bedfordshire	1959	0.71 (0.61–0.82)
Central Bedfordshire	1960	0.72 (0.61–0.85)
Central Bedfordshire	1961	0.73 (0.61–0.88)
Central Bedfordshire	1962	0.76 (0.63–0.9)
Central Bedfordshire	1963	0.76 (0.63–0.91)
Central Bedfordshire	1964	0.75 (0.61–0.89)
Central Bedfordshire	1965	0.73 (0.6–0.87)
Central Bedfordshire	1966	0.75 (0.61–0.9)
Central Bedfordshire	1967	0.75 (0.6–0.9)
Central Bedfordshire	1968	0.78 (0.63–0.94)
Central Bedfordshire	1969	0.8 (0.65–0.95)
Central Bedfordshire	1970	0.83 (0.69–0.98)
Central Bedfordshire	1971	0.86 (0.72–1.0)
Central Bedfordshire	1972	0.86 (0.73–1.01)
Central Bedfordshire	1973	0.87 (0.74–1.0)
Central Bedfordshire	1974	0.89 (0.76–1.02)
Central Bedfordshire	1975	0.89 (0.77–1.03)
Central Bedfordshire	1976	0.86 (0.75–0.99)
Central Bedfordshire	1977	0.89 (0.78–1.0)
Central Bedfordshire	1978	0.94 (0.85–1.04)
Central Bedfordshire	1979	0.96 (0.87–1.06)
Central Bedfordshire	1980	0.95 (0.87–1.04)
Central Bedfordshire	1981	0.91 (0.85–0.98)
Central Bedfordshire	1982	0.96 (0.89–1.03)
Central Bedfordshire	1983	0.96 (0.9–1.03)
Central Bedfordshire	1984	0.96 (0.9–1.02)
Central Bedfordshire	1985	0.99 (0.93–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Central Bedfordshire	1986	1.02 (0.95–1.08)
Central Bedfordshire	1987	1.02 (0.96–1.09)
Central Bedfordshire	1988	1.03 (0.97–1.1)
Central Bedfordshire	1989	1.0 (0.94–1.06)
Central Bedfordshire	1990	0.98 (0.93–1.04)
Central Bedfordshire	1991	0.96 (0.91–1.02)
Central Bedfordshire	1992	0.92 (0.86–0.98)
Central Bedfordshire	1993	0.95 (0.88–1.02)
Central Bedfordshire	1994	0.98 (0.91–1.05)
Central Bedfordshire	1995	0.99 (0.92–1.07)
Central Bedfordshire	1996	1.03 (0.96–1.1)
Central Bedfordshire	1997	1.0 (0.93–1.07)
Central Bedfordshire	1998	0.99 (0.92–1.06)
Central Bedfordshire	1999	1.01 (0.94–1.08)
Central Bedfordshire	2000	0.99 (0.9–1.08)
Central Bedfordshire	2001	0.98 (0.91–1.07)
Central Bedfordshire	2002	0.98 (0.92–1.05)
Central Bedfordshire	2003	1.03 (0.94–1.12)
Central Bedfordshire	2004	1.0 (0.91–1.1)
Central Bedfordshire	2005	1.01 (0.92–1.1)
Central Bedfordshire	2006	1.04 (0.95–1.14)
Central Bedfordshire	2007	1.05 (0.96–1.16)
Central Bedfordshire	2008	1.04 (0.95–1.14)
Central Bedfordshire	2009	1.02 (0.94–1.11)
Central Bedfordshire	2010	0.99 (0.92–1.06)
Central Bedfordshire	2011	1.02 (0.94–1.09)
Central Bedfordshire	2012	1.01 (0.93–1.08)
Central Bedfordshire	2013	0.96 (0.89–1.04)
Central Bedfordshire	2014	0.97 (0.89–1.06)
Central Bedfordshire	2015	0.97 (0.89–1.05)
Central Bedfordshire	2016	0.97 (0.9–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Central Bedfordshire	2017	0.99 (0.88–1.11)
Essex	1950	0.7 (0.57–0.83)
Essex	1951	0.81 (0.66–0.97)
Essex	1952	0.76 (0.62–0.9)
Essex	1953	0.76 (0.63–0.91)
Essex	1954	0.71 (0.59–0.85)
Essex	1955	0.71 (0.59–0.85)
Essex	1956	0.7 (0.59–0.83)
Essex	1957	0.71 (0.61–0.83)
Essex	1958	0.7 (0.61–0.81)
Essex	1959	0.71 (0.61–0.82)
Essex	1960	0.72 (0.61–0.85)
Essex	1961	0.73 (0.61–0.88)
Essex	1962	0.76 (0.63–0.9)
Essex	1963	0.76 (0.63–0.91)
Essex	1964	0.75 (0.61–0.89)
Essex	1965	0.73 (0.6–0.87)
Essex	1966	0.75 (0.61–0.9)
Essex	1967	0.75 (0.6–0.9)
Essex	1968	0.78 (0.63–0.94)
Essex	1969	0.8 (0.65–0.95)
Essex	1970	0.83 (0.69–0.98)
Essex	1971	0.86 (0.72–1.0)
Essex	1972	0.86 (0.73–1.01)
Essex	1973	0.87 (0.74–1.0)
Essex	1974	0.89 (0.76–1.02)
Essex	1975	0.89 (0.77–1.03)
Essex	1976	0.86 (0.75–0.99)
Essex	1977	0.89 (0.78–1.0)
Essex	1978	0.94 (0.85–1.04)
Essex	1979	0.96 (0.87–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Essex	1980	0.95 (0.87–1.04)
Essex	1981	0.91 (0.85–0.98)
Essex	1982	0.96 (0.89–1.03)
Essex	1983	0.96 (0.9–1.03)
Essex	1984	0.96 (0.9–1.02)
Essex	1985	0.99 (0.93–1.05)
Essex	1986	1.02 (0.95–1.08)
Essex	1987	1.02 (0.96–1.09)
Essex	1988	1.03 (0.97–1.1)
Essex	1989	1.0 (0.94–1.06)
Essex	1990	0.98 (0.93–1.04)
Essex	1991	0.96 (0.91–1.02)
Essex	1992	0.92 (0.86–0.98)
Essex	1993	0.95 (0.88–1.02)
Essex	1994	0.98 (0.91–1.05)
Essex	1995	0.99 (0.92–1.07)
Essex	1996	1.03 (0.96–1.1)
Essex	1997	1.0 (0.93–1.07)
Essex	1998	0.99 (0.92–1.06)
Essex	1999	1.01 (0.94–1.08)
Essex	2000	0.99 (0.9–1.08)
Essex	2001	0.98 (0.91–1.07)
Essex	2002	0.98 (0.92–1.05)
Essex	2003	1.03 (0.94–1.12)
Essex	2004	1.0 (0.91–1.1)
Essex	2005	1.01 (0.92–1.1)
Essex	2006	1.04 (0.95–1.14)
Essex	2007	1.05 (0.96–1.16)
Essex	2008	1.04 (0.95–1.14)
Essex	2009	1.02 (0.94–1.11)
Essex	2010	0.99 (0.92–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Essex	2011	1.02 (0.94–1.09)
Essex	2012	1.01 (0.93–1.08)
Essex	2013	0.96 (0.89–1.04)
Essex	2014	0.97 (0.89–1.06)
Essex	2015	0.97 (0.89–1.05)
Essex	2016	0.97 (0.9–1.03)
Essex	2017	0.99 (0.88–1.11)
Hertfordshire	1950	0.69 (0.57–0.83)
Hertfordshire	1951	0.81 (0.66–0.97)
Hertfordshire	1952	0.76 (0.62–0.9)
Hertfordshire	1953	0.76 (0.63–0.91)
Hertfordshire	1954	0.71 (0.59–0.85)
Hertfordshire	1955	0.71 (0.59–0.85)
Hertfordshire	1956	0.7 (0.59–0.83)
Hertfordshire	1957	0.71 (0.61–0.83)
Hertfordshire	1958	0.7 (0.61–0.81)
Hertfordshire	1959	0.71 (0.61–0.82)
Hertfordshire	1960	0.72 (0.61–0.85)
Hertfordshire	1961	0.73 (0.61–0.88)
Hertfordshire	1962	0.76 (0.63–0.9)
Hertfordshire	1963	0.76 (0.63–0.91)
Hertfordshire	1964	0.75 (0.61–0.89)
Hertfordshire	1965	0.73 (0.6–0.87)
Hertfordshire	1966	0.75 (0.61–0.9)
Hertfordshire	1967	0.75 (0.6–0.9)
Hertfordshire	1968	0.78 (0.63–0.94)
Hertfordshire	1969	0.8 (0.65–0.95)
Hertfordshire	1970	0.83 (0.68–0.98)
Hertfordshire	1971	0.86 (0.72–1.0)
Hertfordshire	1972	0.86 (0.73–1.01)
Hertfordshire	1973	0.87 (0.74–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hertfordshire	1974	0.89 (0.76–1.02)
Hertfordshire	1975	0.89 (0.77–1.03)
Hertfordshire	1976	0.86 (0.75–0.99)
Hertfordshire	1977	0.89 (0.78–1.0)
Hertfordshire	1978	0.94 (0.85–1.04)
Hertfordshire	1979	0.96 (0.87–1.06)
Hertfordshire	1980	0.95 (0.87–1.04)
Hertfordshire	1981	0.91 (0.85–0.98)
Hertfordshire	1982	0.96 (0.89–1.03)
Hertfordshire	1983	0.96 (0.9–1.03)
Hertfordshire	1984	0.96 (0.9–1.02)
Hertfordshire	1985	0.99 (0.93–1.05)
Hertfordshire	1986	1.02 (0.95–1.08)
Hertfordshire	1987	1.02 (0.96–1.09)
Hertfordshire	1988	1.03 (0.97–1.1)
Hertfordshire	1989	1.0 (0.94–1.06)
Hertfordshire	1990	0.98 (0.93–1.04)
Hertfordshire	1991	0.96 (0.91–1.02)
Hertfordshire	1992	0.92 (0.86–0.98)
Hertfordshire	1993	0.95 (0.88–1.02)
Hertfordshire	1994	0.98 (0.91–1.05)
Hertfordshire	1995	0.99 (0.92–1.07)
Hertfordshire	1996	1.03 (0.96–1.1)
Hertfordshire	1997	1.0 (0.93–1.07)
Hertfordshire	1998	0.99 (0.92–1.06)
Hertfordshire	1999	1.01 (0.94–1.08)
Hertfordshire	2000	0.99 (0.9–1.08)
Hertfordshire	2001	0.98 (0.91–1.07)
Hertfordshire	2002	0.98 (0.92–1.05)
Hertfordshire	2003	1.03 (0.94–1.12)
Hertfordshire	2004	1.0 (0.91–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hertfordshire	2005	1.01 (0.92–1.1)
Hertfordshire	2006	1.04 (0.95–1.14)
Hertfordshire	2007	1.05 (0.96–1.16)
Hertfordshire	2008	1.04 (0.95–1.14)
Hertfordshire	2009	1.02 (0.94–1.11)
Hertfordshire	2010	0.99 (0.92–1.06)
Hertfordshire	2011	1.02 (0.94–1.09)
Hertfordshire	2012	1.01 (0.93–1.08)
Hertfordshire	2013	0.96 (0.89–1.04)
Hertfordshire	2014	0.97 (0.89–1.06)
Hertfordshire	2015	0.97 (0.89–1.05)
Hertfordshire	2016	0.97 (0.9–1.03)
Hertfordshire	2017	0.99 (0.88–1.11)
Luton	1950	0.7 (0.58–0.83)
Luton	1951	0.81 (0.67–0.97)
Luton	1952	0.76 (0.62–0.9)
Luton	1953	0.76 (0.63–0.91)
Luton	1954	0.71 (0.59–0.85)
Luton	1955	0.71 (0.59–0.85)
Luton	1956	0.7 (0.59–0.83)
Luton	1957	0.71 (0.61–0.83)
Luton	1958	0.7 (0.61–0.81)
Luton	1959	0.71 (0.61–0.82)
Luton	1960	0.72 (0.61–0.85)
Luton	1961	0.73 (0.61–0.88)
Luton	1962	0.76 (0.63–0.9)
Luton	1963	0.76 (0.63–0.91)
Luton	1964	0.75 (0.61–0.89)
Luton	1965	0.73 (0.6–0.87)
Luton	1966	0.76 (0.61–0.9)
Luton	1967	0.75 (0.6–0.9)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Luton	1968	0.78 (0.63–0.94)
Luton	1969	0.8 (0.65–0.95)
Luton	1970	0.83 (0.69–0.98)
Luton	1971	0.86 (0.72–1.0)
Luton	1972	0.86 (0.73–1.01)
Luton	1973	0.87 (0.74–1.0)
Luton	1974	0.89 (0.77–1.02)
Luton	1975	0.89 (0.77–1.03)
Luton	1976	0.86 (0.75–0.99)
Luton	1977	0.89 (0.79–1.0)
Luton	1978	0.94 (0.85–1.04)
Luton	1979	0.96 (0.88–1.06)
Luton	1980	0.95 (0.87–1.04)
Luton	1981	0.91 (0.85–0.98)
Luton	1982	0.96 (0.89–1.03)
Luton	1983	0.96 (0.9–1.03)
Luton	1984	0.96 (0.9–1.02)
Luton	1985	0.99 (0.93–1.05)
Luton	1986	1.02 (0.95–1.08)
Luton	1987	1.02 (0.96–1.09)
Luton	1988	1.03 (0.97–1.1)
Luton	1989	1.0 (0.94–1.06)
Luton	1990	0.98 (0.93–1.04)
Luton	1991	0.96 (0.91–1.02)
Luton	1992	0.92 (0.86–0.98)
Luton	1993	0.95 (0.88–1.02)
Luton	1994	0.98 (0.91–1.05)
Luton	1995	0.99 (0.92–1.07)
Luton	1996	1.03 (0.96–1.1)
Luton	1997	1.0 (0.93–1.07)
Luton	1998	0.99 (0.92–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Luton	1999	1.01 (0.94–1.08)
Luton	2000	0.99 (0.9–1.08)
Luton	2001	0.98 (0.91–1.07)
Luton	2002	0.98 (0.92–1.05)
Luton	2003	1.03 (0.94–1.12)
Luton	2004	1.0 (0.91–1.1)
Luton	2005	1.01 (0.92–1.1)
Luton	2006	1.04 (0.95–1.14)
Luton	2007	1.05 (0.96–1.16)
Luton	2008	1.04 (0.95–1.14)
Luton	2009	1.02 (0.94–1.11)
Luton	2010	0.99 (0.92–1.05)
Luton	2011	1.02 (0.94–1.09)
Luton	2012	1.01 (0.93–1.08)
Luton	2013	0.96 (0.89–1.04)
Luton	2014	0.97 (0.89–1.06)
Luton	2015	0.97 (0.89–1.05)
Luton	2016	0.97 (0.9–1.03)
Luton	2017	0.99 (0.88–1.11)
Norfolk	1950	0.7 (0.57–0.83)
Norfolk	1951	0.81 (0.66–0.97)
Norfolk	1952	0.76 (0.62–0.9)
Norfolk	1953	0.76 (0.63–0.91)
Norfolk	1954	0.71 (0.59–0.85)
Norfolk	1955	0.71 (0.59–0.85)
Norfolk	1956	0.7 (0.59–0.83)
Norfolk	1957	0.71 (0.61–0.83)
Norfolk	1958	0.7 (0.61–0.81)
Norfolk	1959	0.71 (0.61–0.82)
Norfolk	1960	0.72 (0.61–0.85)
Norfolk	1961	0.73 (0.61–0.88)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Norfolk	1962	0.76 (0.63–0.9)
Norfolk	1963	0.76 (0.63–0.91)
Norfolk	1964	0.75 (0.61–0.89)
Norfolk	1965	0.73 (0.6–0.87)
Norfolk	1966	0.75 (0.61–0.9)
Norfolk	1967	0.75 (0.6–0.9)
Norfolk	1968	0.78 (0.63–0.94)
Norfolk	1969	0.8 (0.65–0.95)
Norfolk	1970	0.83 (0.69–0.98)
Norfolk	1971	0.86 (0.72–1.0)
Norfolk	1972	0.86 (0.73–1.01)
Norfolk	1973	0.87 (0.74–1.0)
Norfolk	1974	0.89 (0.76–1.02)
Norfolk	1975	0.89 (0.77–1.03)
Norfolk	1976	0.86 (0.75–0.99)
Norfolk	1977	0.89 (0.79–1.0)
Norfolk	1978	0.94 (0.85–1.04)
Norfolk	1979	0.96 (0.87–1.06)
Norfolk	1980	0.95 (0.87–1.04)
Norfolk	1981	0.91 (0.85–0.98)
Norfolk	1982	0.96 (0.89–1.03)
Norfolk	1983	0.96 (0.9–1.03)
Norfolk	1984	0.96 (0.9–1.02)
Norfolk	1985	0.99 (0.93–1.05)
Norfolk	1986	1.02 (0.95–1.08)
Norfolk	1987	1.02 (0.96–1.09)
Norfolk	1988	1.03 (0.97–1.1)
Norfolk	1989	1.0 (0.94–1.06)
Norfolk	1990	0.98 (0.93–1.04)
Norfolk	1991	0.96 (0.91–1.02)
Norfolk	1992	0.92 (0.86–0.98)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Norfolk	1993	0.95 (0.88–1.02)
Norfolk	1994	0.98 (0.91–1.05)
Norfolk	1995	0.99 (0.92–1.07)
Norfolk	1996	1.03 (0.96–1.1)
Norfolk	1997	1.0 (0.93–1.07)
Norfolk	1998	0.99 (0.92–1.06)
Norfolk	1999	1.01 (0.94–1.08)
Norfolk	2000	0.99 (0.9–1.08)
Norfolk	2001	0.98 (0.91–1.07)
Norfolk	2002	0.98 (0.92–1.05)
Norfolk	2003	1.03 (0.94–1.12)
Norfolk	2004	1.0 (0.91–1.1)
Norfolk	2005	1.01 (0.92–1.1)
Norfolk	2006	1.04 (0.95–1.14)
Norfolk	2007	1.05 (0.96–1.16)
Norfolk	2008	1.04 (0.95–1.14)
Norfolk	2009	1.02 (0.94–1.11)
Norfolk	2010	0.99 (0.92–1.05)
Norfolk	2011	1.02 (0.94–1.09)
Norfolk	2012	1.01 (0.93–1.08)
Norfolk	2013	0.96 (0.89–1.04)
Norfolk	2014	0.97 (0.89–1.06)
Norfolk	2015	0.97 (0.89–1.05)
Norfolk	2016	0.97 (0.9–1.03)
Norfolk	2017	0.99 (0.88–1.11)
Peterborough	1950	0.7 (0.57–0.83)
Peterborough	1951	0.81 (0.66–0.97)
Peterborough	1952	0.76 (0.62–0.9)
Peterborough	1953	0.76 (0.63–0.91)
Peterborough	1954	0.71 (0.59–0.85)
Peterborough	1955	0.71 (0.59–0.85)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Peterborough	1956	0.7 (0.59–0.83)
Peterborough	1957	0.71 (0.61–0.83)
Peterborough	1958	0.7 (0.61–0.81)
Peterborough	1959	0.71 (0.61–0.82)
Peterborough	1960	0.72 (0.61–0.85)
Peterborough	1961	0.73 (0.61–0.88)
Peterborough	1962	0.76 (0.63–0.9)
Peterborough	1963	0.76 (0.63–0.91)
Peterborough	1964	0.75 (0.61–0.89)
Peterborough	1965	0.73 (0.6–0.87)
Peterborough	1966	0.75 (0.61–0.9)
Peterborough	1967	0.75 (0.6–0.9)
Peterborough	1968	0.78 (0.63–0.94)
Peterborough	1969	0.8 (0.65–0.95)
Peterborough	1970	0.83 (0.69–0.98)
Peterborough	1971	0.86 (0.72–1.0)
Peterborough	1972	0.86 (0.73–1.01)
Peterborough	1973	0.87 (0.74–1.0)
Peterborough	1974	0.89 (0.76–1.02)
Peterborough	1975	0.89 (0.77–1.03)
Peterborough	1976	0.86 (0.75–0.99)
Peterborough	1977	0.89 (0.79–1.0)
Peterborough	1978	0.94 (0.85–1.04)
Peterborough	1979	0.96 (0.87–1.06)
Peterborough	1980	0.95 (0.87–1.04)
Peterborough	1981	0.91 (0.85–0.98)
Peterborough	1982	0.96 (0.89–1.03)
Peterborough	1983	0.96 (0.9–1.03)
Peterborough	1984	0.96 (0.9–1.02)
Peterborough	1985	0.99 (0.93–1.05)
Peterborough	1986	1.02 (0.95–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Peterborough	1987	1.02 (0.96–1.09)
Peterborough	1988	1.03 (0.97–1.1)
Peterborough	1989	1.0 (0.94–1.06)
Peterborough	1990	0.98 (0.93–1.04)
Peterborough	1991	0.96 (0.91–1.02)
Peterborough	1992	0.92 (0.86–0.98)
Peterborough	1993	0.95 (0.88–1.02)
Peterborough	1994	0.98 (0.91–1.05)
Peterborough	1995	0.99 (0.92–1.07)
Peterborough	1996	1.03 (0.96–1.1)
Peterborough	1997	1.0 (0.93–1.07)
Peterborough	1998	0.99 (0.92–1.06)
Peterborough	1999	1.01 (0.94–1.08)
Peterborough	2000	0.99 (0.9–1.08)
Peterborough	2001	0.98 (0.91–1.07)
Peterborough	2002	0.98 (0.92–1.05)
Peterborough	2003	1.03 (0.94–1.12)
Peterborough	2004	1.0 (0.91–1.1)
Peterborough	2005	1.01 (0.92–1.1)
Peterborough	2006	1.04 (0.95–1.14)
Peterborough	2007	1.05 (0.96–1.16)
Peterborough	2008	1.04 (0.95–1.14)
Peterborough	2009	1.02 (0.94–1.11)
Peterborough	2010	0.99 (0.92–1.05)
Peterborough	2011	1.02 (0.94–1.09)
Peterborough	2012	1.01 (0.93–1.08)
Peterborough	2013	0.96 (0.89–1.04)
Peterborough	2014	0.97 (0.89–1.06)
Peterborough	2015	0.97 (0.89–1.05)
Peterborough	2016	0.97 (0.9–1.03)
Peterborough	2017	0.99 (0.88–1.11)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Southend-on-Sea	1950	0.7 (0.57–0.83)
Southend-on-Sea	1951	0.81 (0.66–0.97)
Southend-on-Sea	1952	0.76 (0.62–0.9)
Southend-on-Sea	1953	0.76 (0.63–0.91)
Southend-on-Sea	1954	0.71 (0.59–0.85)
Southend-on-Sea	1955	0.71 (0.59–0.85)
Southend-on-Sea	1956	0.7 (0.59–0.83)
Southend-on-Sea	1957	0.71 (0.61–0.83)
Southend-on-Sea	1958	0.7 (0.61–0.81)
Southend-on-Sea	1959	0.71 (0.61–0.82)
Southend-on-Sea	1960	0.72 (0.61–0.85)
Southend-on-Sea	1961	0.73 (0.61–0.88)
Southend-on-Sea	1962	0.76 (0.63–0.9)
Southend-on-Sea	1963	0.76 (0.63–0.91)
Southend-on-Sea	1964	0.75 (0.61–0.89)
Southend-on-Sea	1965	0.73 (0.6–0.87)
Southend-on-Sea	1966	0.75 (0.61–0.9)
Southend-on-Sea	1967	0.75 (0.6–0.9)
Southend-on-Sea	1968	0.78 (0.63–0.94)
Southend-on-Sea	1969	0.8 (0.65–0.95)
Southend-on-Sea	1970	0.83 (0.69–0.98)
Southend-on-Sea	1971	0.86 (0.72–1.0)
Southend-on-Sea	1972	0.86 (0.73–1.01)
Southend-on-Sea	1973	0.87 (0.74–1.0)
Southend-on-Sea	1974	0.89 (0.76–1.02)
Southend-on-Sea	1975	0.89 (0.77–1.03)
Southend-on-Sea	1976	0.86 (0.75–0.99)
Southend-on-Sea	1977	0.89 (0.79–1.0)
Southend-on-Sea	1978	0.94 (0.85–1.04)
Southend-on-Sea	1979	0.96 (0.87–1.06)
Southend-on-Sea	1980	0.95 (0.87–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Southend-on-Sea	1981	0.91 (0.85–0.98)
Southend-on-Sea	1982	0.96 (0.89–1.03)
Southend-on-Sea	1983	0.96 (0.9–1.03)
Southend-on-Sea	1984	0.96 (0.9–1.02)
Southend-on-Sea	1985	0.99 (0.93–1.05)
Southend-on-Sea	1986	1.02 (0.95–1.08)
Southend-on-Sea	1987	1.02 (0.96–1.09)
Southend-on-Sea	1988	1.03 (0.97–1.1)
Southend-on-Sea	1989	1.0 (0.94–1.06)
Southend-on-Sea	1990	0.98 (0.93–1.04)
Southend-on-Sea	1991	0.96 (0.91–1.02)
Southend-on-Sea	1992	0.92 (0.86–0.98)
Southend-on-Sea	1993	0.95 (0.88–1.02)
Southend-on-Sea	1994	0.98 (0.91–1.05)
Southend-on-Sea	1995	0.99 (0.92–1.07)
Southend-on-Sea	1996	1.03 (0.96–1.1)
Southend-on-Sea	1997	1.0 (0.93–1.07)
Southend-on-Sea	1998	0.99 (0.92–1.06)
Southend-on-Sea	1999	1.01 (0.94–1.08)
Southend-on-Sea	2000	0.99 (0.9–1.08)
Southend-on-Sea	2001	0.98 (0.91–1.07)
Southend-on-Sea	2002	0.98 (0.92–1.05)
Southend-on-Sea	2003	1.03 (0.94–1.12)
Southend-on-Sea	2004	1.0 (0.91–1.1)
Southend-on-Sea	2005	1.01 (0.92–1.1)
Southend-on-Sea	2006	1.04 (0.95–1.14)
Southend-on-Sea	2007	1.05 (0.96–1.16)
Southend-on-Sea	2008	1.04 (0.95–1.14)
Southend-on-Sea	2009	1.02 (0.94–1.11)
Southend-on-Sea	2010	0.99 (0.92–1.05)
Southend-on-Sea	2011	1.02 (0.94–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Southend-on-Sea	2012	1.01 (0.93–1.08)
Southend-on-Sea	2013	0.96 (0.89–1.04)
Southend-on-Sea	2014	0.97 (0.89–1.06)
Southend-on-Sea	2015	0.97 (0.89–1.05)
Southend-on-Sea	2016	0.97 (0.9–1.03)
Southend-on-Sea	2017	0.99 (0.88–1.11)
Suffolk	1950	0.7 (0.57–0.83)
Suffolk	1951	0.81 (0.66–0.97)
Suffolk	1952	0.76 (0.62–0.9)
Suffolk	1953	0.76 (0.63–0.91)
Suffolk	1954	0.71 (0.59–0.85)
Suffolk	1955	0.71 (0.59–0.85)
Suffolk	1956	0.7 (0.59–0.83)
Suffolk	1957	0.71 (0.61–0.83)
Suffolk	1958	0.7 (0.61–0.81)
Suffolk	1959	0.71 (0.61–0.82)
Suffolk	1960	0.72 (0.61–0.85)
Suffolk	1961	0.73 (0.61–0.88)
Suffolk	1962	0.76 (0.63–0.9)
Suffolk	1963	0.76 (0.63–0.91)
Suffolk	1964	0.75 (0.61–0.89)
Suffolk	1965	0.73 (0.6–0.87)
Suffolk	1966	0.75 (0.61–0.9)
Suffolk	1967	0.75 (0.6–0.9)
Suffolk	1968	0.78 (0.63–0.94)
Suffolk	1969	0.8 (0.65–0.95)
Suffolk	1970	0.83 (0.68–0.98)
Suffolk	1971	0.86 (0.72–1.0)
Suffolk	1972	0.86 (0.73–1.01)
Suffolk	1973	0.87 (0.74–1.0)
Suffolk	1974	0.89 (0.76–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Suffolk	1975	0.89 (0.77–1.03)
Suffolk	1976	0.86 (0.75–0.99)
Suffolk	1977	0.89 (0.78–1.0)
Suffolk	1978	0.94 (0.85–1.04)
Suffolk	1979	0.96 (0.87–1.06)
Suffolk	1980	0.95 (0.87–1.04)
Suffolk	1981	0.91 (0.85–0.98)
Suffolk	1982	0.96 (0.89–1.03)
Suffolk	1983	0.96 (0.9–1.03)
Suffolk	1984	0.96 (0.9–1.02)
Suffolk	1985	0.99 (0.93–1.05)
Suffolk	1986	1.02 (0.95–1.08)
Suffolk	1987	1.02 (0.96–1.09)
Suffolk	1988	1.03 (0.97–1.1)
Suffolk	1989	1.0 (0.94–1.06)
Suffolk	1990	0.98 (0.93–1.04)
Suffolk	1991	0.96 (0.91–1.02)
Suffolk	1992	0.92 (0.86–0.98)
Suffolk	1993	0.95 (0.88–1.02)
Suffolk	1994	0.98 (0.91–1.05)
Suffolk	1995	0.99 (0.92–1.07)
Suffolk	1996	1.03 (0.96–1.1)
Suffolk	1997	1.0 (0.93–1.07)
Suffolk	1998	0.99 (0.92–1.06)
Suffolk	1999	1.01 (0.94–1.08)
Suffolk	2000	0.99 (0.9–1.08)
Suffolk	2001	0.98 (0.91–1.07)
Suffolk	2002	0.98 (0.92–1.05)
Suffolk	2003	1.03 (0.94–1.12)
Suffolk	2004	1.0 (0.91–1.1)
Suffolk	2005	1.01 (0.92–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Suffolk	2006	1.04 (0.95–1.14)
Suffolk	2007	1.05 (0.96–1.16)
Suffolk	2008	1.04 (0.95–1.14)
Suffolk	2009	1.02 (0.94–1.11)
Suffolk	2010	0.99 (0.92–1.05)
Suffolk	2011	1.02 (0.94–1.09)
Suffolk	2012	1.01 (0.93–1.08)
Suffolk	2013	0.96 (0.89–1.04)
Suffolk	2014	0.97 (0.89–1.06)
Suffolk	2015	0.97 (0.89–1.05)
Suffolk	2016	0.97 (0.9–1.03)
Suffolk	2017	0.99 (0.88–1.11)
Thurrock	1950	0.7 (0.57–0.83)
Thurrock	1951	0.81 (0.66–0.97)
Thurrock	1952	0.76 (0.62–0.9)
Thurrock	1953	0.76 (0.63–0.91)
Thurrock	1954	0.71 (0.59–0.85)
Thurrock	1955	0.71 (0.59–0.85)
Thurrock	1956	0.7 (0.59–0.83)
Thurrock	1957	0.71 (0.61–0.83)
Thurrock	1958	0.7 (0.61–0.81)
Thurrock	1959	0.71 (0.61–0.82)
Thurrock	1960	0.72 (0.61–0.85)
Thurrock	1961	0.73 (0.61–0.88)
Thurrock	1962	0.76 (0.63–0.9)
Thurrock	1963	0.76 (0.63–0.91)
Thurrock	1964	0.75 (0.61–0.89)
Thurrock	1965	0.73 (0.6–0.87)
Thurrock	1966	0.75 (0.61–0.9)
Thurrock	1967	0.75 (0.6–0.9)
Thurrock	1968	0.78 (0.63–0.94)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Thurrock	1969	0.8 (0.65–0.95)
Thurrock	1970	0.83 (0.69–0.98)
Thurrock	1971	0.86 (0.72–1.0)
Thurrock	1972	0.86 (0.73–1.01)
Thurrock	1973	0.87 (0.74–1.0)
Thurrock	1974	0.89 (0.76–1.02)
Thurrock	1975	0.89 (0.77–1.03)
Thurrock	1976	0.86 (0.75–0.99)
Thurrock	1977	0.89 (0.79–1.0)
Thurrock	1978	0.94 (0.85–1.04)
Thurrock	1979	0.96 (0.87–1.06)
Thurrock	1980	0.95 (0.87–1.04)
Thurrock	1981	0.91 (0.85–0.98)
Thurrock	1982	0.96 (0.89–1.03)
Thurrock	1983	0.96 (0.9–1.03)
Thurrock	1984	0.96 (0.9–1.02)
Thurrock	1985	0.99 (0.93–1.05)
Thurrock	1986	1.02 (0.95–1.08)
Thurrock	1987	1.02 (0.96–1.09)
Thurrock	1988	1.03 (0.97–1.1)
Thurrock	1989	1.0 (0.94–1.06)
Thurrock	1990	0.98 (0.93–1.04)
Thurrock	1991	0.96 (0.91–1.02)
Thurrock	1992	0.92 (0.86–0.98)
Thurrock	1993	0.95 (0.88–1.02)
Thurrock	1994	0.98 (0.91–1.05)
Thurrock	1995	0.99 (0.92–1.07)
Thurrock	1996	1.03 (0.96–1.1)
Thurrock	1997	1.0 (0.93–1.07)
Thurrock	1998	0.99 (0.92–1.06)
Thurrock	1999	1.01 (0.94–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Thurrock	2000	0.99 (0.9–1.08)
Thurrock	2001	0.98 (0.91–1.07)
Thurrock	2002	0.98 (0.92–1.05)
Thurrock	2003	1.03 (0.94–1.12)
Thurrock	2004	1.0 (0.91–1.1)
Thurrock	2005	1.01 (0.92–1.1)
Thurrock	2006	1.04 (0.95–1.14)
Thurrock	2007	1.05 (0.96–1.16)
Thurrock	2008	1.04 (0.95–1.14)
Thurrock	2009	1.02 (0.94–1.11)
Thurrock	2010	0.99 (0.92–1.05)
Thurrock	2011	1.02 (0.94–1.09)
Thurrock	2012	1.01 (0.93–1.08)
Thurrock	2013	0.96 (0.89–1.04)
Thurrock	2014	0.97 (0.89–1.06)
Thurrock	2015	0.97 (0.89–1.05)
Thurrock	2016	0.97 (0.9–1.03)
Thurrock	2017	0.99 (0.88–1.11)
Greater London	1950	0.9 (0.74–1.08)
Greater London	1951	1.04 (0.85–1.25)
Greater London	1952	0.97 (0.8–1.17)
Greater London	1953	0.98 (0.8–1.17)
Greater London	1954	0.91 (0.75–1.1)
Greater London	1955	0.91 (0.74–1.11)
Greater London	1956	0.89 (0.73–1.09)
Greater London	1957	0.9 (0.73–1.1)
Greater London	1958	0.88 (0.71–1.07)
Greater London	1959	0.87 (0.71–1.06)
Greater London	1960	0.88 (0.71–1.06)
Greater London	1961	0.89 (0.72–1.07)
Greater London	1962	0.91 (0.74–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Greater London	1963	0.91 (0.75–1.09)
Greater London	1964	0.88 (0.72–1.05)
Greater London	1965	0.85 (0.69–1.02)
Greater London	1966	0.87 (0.71–1.04)
Greater London	1967	0.85 (0.69–1.02)
Greater London	1968	0.88 (0.72–1.05)
Greater London	1969	0.89 (0.73–1.06)
Greater London	1970	0.91 (0.76–1.08)
Greater London	1971	0.93 (0.78–1.1)
Greater London	1972	0.93 (0.78–1.11)
Greater London	1973	0.93 (0.78–1.12)
Greater London	1974	0.94 (0.79–1.11)
Greater London	1975	0.93 (0.79–1.1)
Greater London	1976	0.9 (0.77–1.04)
Greater London	1977	0.92 (0.8–1.04)
Greater London	1978	0.96 (0.85–1.08)
Greater London	1979	0.98 (0.9–1.08)
Greater London	1980	0.97 (0.9–1.04)
Greater London	1981	0.93 (0.89–0.97)
Greater London	1982	0.98 (0.95–1.01)
Greater London	1983	1.0 (0.97–1.03)
Greater London	1984	0.98 (0.95–1.01)
Greater London	1985	0.99 (0.95–1.02)
Greater London	1986	0.99 (0.97–1.02)
Greater London	1987	0.99 (0.96–1.01)
Greater London	1988	1.0 (0.97–1.03)
Greater London	1989	0.99 (0.97–1.01)
Greater London	1990	1.0 (0.98–1.02)
Greater London	1991	1.0 (0.98–1.02)
Greater London	1992	0.97 (0.95–1.0)
Greater London	1993	1.0 (0.97–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Greater London	1994	1.01 (0.98–1.04)
Greater London	1995	1.02 (0.99–1.05)
Greater London	1996	1.04 (1.01–1.06)
Greater London	1997	1.01 (0.97–1.05)
Greater London	1998	1.0 (0.96–1.03)
Greater London	1999	1.02 (0.99–1.06)
Greater London	2000	1.01 (0.95–1.09)
Greater London	2001	1.0 (0.96–1.04)
Greater London	2002	0.98 (0.95–1.02)
Greater London	2003	1.02 (0.98–1.06)
Greater London	2004	0.99 (0.96–1.02)
Greater London	2005	0.99 (0.95–1.03)
Greater London	2006	1.01 (0.97–1.05)
Greater London	2007	1.01 (0.98–1.05)
Greater London	2008	1.01 (0.98–1.04)
Greater London	2009	1.0 (0.96–1.04)
Greater London	2010	0.98 (0.95–1.02)
Greater London	2011	1.0 (0.96–1.04)
Greater London	2012	1.0 (0.96–1.04)
Greater London	2013	0.99 (0.95–1.02)
Greater London	2014	0.99 (0.95–1.03)
Greater London	2015	1.0 (0.96–1.04)
Greater London	2016	1.0 (0.94–1.05)
Greater London	2017	1.02 (0.92–1.14)
Barking and Dagenham	1950	0.57 (0.47–0.68)
Barking and Dagenham	1951	0.66 (0.55–0.79)
Barking and Dagenham	1952	0.62 (0.52–0.74)
Barking and Dagenham	1953	0.63 (0.52–0.75)
Barking and Dagenham	1954	0.6 (0.5–0.71)
Barking and Dagenham	1955	0.6 (0.51–0.71)
Barking and Dagenham	1956	0.6 (0.5–0.7)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Barking and Dagenham	1957	0.61 (0.51–0.72)
Barking and Dagenham	1958	0.61 (0.51–0.72)
Barking and Dagenham	1959	0.61 (0.51–0.73)
Barking and Dagenham	1960	0.63 (0.52–0.75)
Barking and Dagenham	1961	0.64 (0.53–0.77)
Barking and Dagenham	1962	0.67 (0.55–0.8)
Barking and Dagenham	1963	0.68 (0.57–0.81)
Barking and Dagenham	1964	0.67 (0.55–0.8)
Barking and Dagenham	1965	0.66 (0.54–0.79)
Barking and Dagenham	1966	0.69 (0.56–0.82)
Barking and Dagenham	1967	0.68 (0.56–0.82)
Barking and Dagenham	1968	0.72 (0.59–0.86)
Barking and Dagenham	1969	0.74 (0.6–0.89)
Barking and Dagenham	1970	0.78 (0.63–0.94)
Barking and Dagenham	1971	0.81 (0.67–0.97)
Barking and Dagenham	1972	0.83 (0.68–0.98)
Barking and Dagenham	1973	0.84 (0.71–0.98)
Barking and Dagenham	1974	0.86 (0.74–1.01)
Barking and Dagenham	1975	0.88 (0.75–1.02)
Barking and Dagenham	1976	0.86 (0.74–1.0)
Barking and Dagenham	1977	0.89 (0.77–1.02)
Barking and Dagenham	1978	0.95 (0.83–1.08)
Barking and Dagenham	1979	0.98 (0.87–1.11)
Barking and Dagenham	1980	0.97 (0.88–1.07)
Barking and Dagenham	1981	0.94 (0.85–1.03)
Barking and Dagenham	1982	0.95 (0.87–1.04)
Barking and Dagenham	1983	0.93 (0.85–1.02)
Barking and Dagenham	1984	0.93 (0.86–1.01)
Barking and Dagenham	1985	0.97 (0.89–1.05)
Barking and Dagenham	1986	0.99 (0.92–1.08)
Barking and Dagenham	1987	1.04 (0.96–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Barking and Dagenham	1988	1.06 (0.98–1.14)
Barking and Dagenham	1989	1.04 (0.95–1.13)
Barking and Dagenham	1990	1.02 (0.94–1.1)
Barking and Dagenham	1991	0.99 (0.9–1.08)
Barking and Dagenham	1992	0.95 (0.86–1.03)
Barking and Dagenham	1993	0.95 (0.86–1.04)
Barking and Dagenham	1994	0.96 (0.88–1.05)
Barking and Dagenham	1995	0.97 (0.88–1.07)
Barking and Dagenham	1996	1.01 (0.91–1.12)
Barking and Dagenham	1997	0.99 (0.9–1.08)
Barking and Dagenham	1998	1.01 (0.92–1.1)
Barking and Dagenham	1999	1.05 (0.96–1.14)
Barking and Dagenham	2000	1.03 (0.93–1.15)
Barking and Dagenham	2001	1.05 (0.96–1.16)
Barking and Dagenham	2002	1.03 (0.94–1.13)
Barking and Dagenham	2003	1.06 (0.96–1.17)
Barking and Dagenham	2004	1.02 (0.92–1.12)
Barking and Dagenham	2005	1.02 (0.92–1.14)
Barking and Dagenham	2006	1.05 (0.94–1.16)
Barking and Dagenham	2007	1.03 (0.94–1.15)
Barking and Dagenham	2008	1.03 (0.93–1.13)
Barking and Dagenham	2009	1.04 (0.94–1.15)
Barking and Dagenham	2010	1.05 (0.96–1.15)
Barking and Dagenham	2011	1.03 (0.93–1.14)
Barking and Dagenham	2012	0.99 (0.89–1.1)
Barking and Dagenham	2013	0.94 (0.84–1.05)
Barking and Dagenham	2014	0.9 (0.8–1.02)
Barking and Dagenham	2015	0.91 (0.8–1.03)
Barking and Dagenham	2016	0.91 (0.8–1.02)
Barking and Dagenham	2017	0.95 (0.79–1.12)
Barnet	1950	0.57 (0.47–0.67)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Barnet	1951	0.66 (0.54–0.79)
Barnet	1952	0.62 (0.51–0.74)
Barnet	1953	0.63 (0.52–0.75)
Barnet	1954	0.6 (0.5–0.71)
Barnet	1955	0.6 (0.51–0.71)
Barnet	1956	0.6 (0.5–0.7)
Barnet	1957	0.61 (0.51–0.72)
Barnet	1958	0.6 (0.51–0.72)
Barnet	1959	0.61 (0.51–0.73)
Barnet	1960	0.63 (0.52–0.74)
Barnet	1961	0.64 (0.53–0.77)
Barnet	1962	0.67 (0.55–0.8)
Barnet	1963	0.68 (0.56–0.81)
Barnet	1964	0.67 (0.55–0.8)
Barnet	1965	0.66 (0.54–0.79)
Barnet	1966	0.69 (0.56–0.82)
Barnet	1967	0.68 (0.55–0.82)
Barnet	1968	0.72 (0.59–0.86)
Barnet	1969	0.74 (0.6–0.89)
Barnet	1970	0.78 (0.63–0.93)
Barnet	1971	0.81 (0.67–0.97)
Barnet	1972	0.83 (0.68–0.98)
Barnet	1973	0.84 (0.71–0.98)
Barnet	1974	0.86 (0.74–1.01)
Barnet	1975	0.88 (0.75–1.02)
Barnet	1976	0.86 (0.73–1.0)
Barnet	1977	0.89 (0.77–1.02)
Barnet	1978	0.95 (0.83–1.08)
Barnet	1979	0.98 (0.87–1.11)
Barnet	1980	0.97 (0.88–1.08)
Barnet	1981	0.94 (0.85–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Barnet	1982	0.95 (0.87–1.04)
Barnet	1983	0.93 (0.85–1.02)
Barnet	1984	0.93 (0.86–1.01)
Barnet	1985	0.97 (0.89–1.05)
Barnet	1986	0.99 (0.92–1.08)
Barnet	1987	1.04 (0.96–1.12)
Barnet	1988	1.06 (0.98–1.14)
Barnet	1989	1.04 (0.95–1.13)
Barnet	1990	1.02 (0.94–1.1)
Barnet	1991	0.99 (0.9–1.08)
Barnet	1992	0.95 (0.86–1.03)
Barnet	1993	0.95 (0.86–1.04)
Barnet	1994	0.96 (0.88–1.05)
Barnet	1995	0.97 (0.88–1.07)
Barnet	1996	1.01 (0.91–1.12)
Barnet	1997	0.99 (0.9–1.08)
Barnet	1998	1.01 (0.92–1.1)
Barnet	1999	1.05 (0.96–1.14)
Barnet	2000	1.03 (0.93–1.15)
Barnet	2001	1.05 (0.96–1.16)
Barnet	2002	1.03 (0.94–1.13)
Barnet	2003	1.06 (0.96–1.17)
Barnet	2004	1.02 (0.92–1.12)
Barnet	2005	1.02 (0.92–1.14)
Barnet	2006	1.05 (0.94–1.16)
Barnet	2007	1.03 (0.94–1.15)
Barnet	2008	1.03 (0.93–1.13)
Barnet	2009	1.04 (0.94–1.15)
Barnet	2010	1.05 (0.96–1.15)
Barnet	2011	1.03 (0.93–1.14)
Barnet	2012	0.99 (0.89–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Barnet	2013	0.94 (0.84–1.05)
Barnet	2014	0.9 (0.8–1.02)
Barnet	2015	0.91 (0.8–1.03)
Barnet	2016	0.91 (0.8–1.02)
Barnet	2017	0.95 (0.79–1.12)
Bexley	1950	0.56 (0.47–0.67)
Bexley	1951	0.66 (0.54–0.79)
Bexley	1952	0.62 (0.51–0.74)
Bexley	1953	0.63 (0.52–0.75)
Bexley	1954	0.6 (0.49–0.71)
Bexley	1955	0.6 (0.51–0.71)
Bexley	1956	0.6 (0.5–0.7)
Bexley	1957	0.61 (0.51–0.72)
Bexley	1958	0.6 (0.5–0.72)
Bexley	1959	0.61 (0.51–0.73)
Bexley	1960	0.62 (0.52–0.74)
Bexley	1961	0.64 (0.53–0.76)
Bexley	1962	0.67 (0.55–0.8)
Bexley	1963	0.68 (0.56–0.81)
Bexley	1964	0.67 (0.55–0.8)
Bexley	1965	0.66 (0.54–0.79)
Bexley	1966	0.69 (0.56–0.82)
Bexley	1967	0.68 (0.55–0.82)
Bexley	1968	0.72 (0.59–0.86)
Bexley	1969	0.74 (0.6–0.89)
Bexley	1970	0.78 (0.63–0.93)
Bexley	1971	0.81 (0.67–0.97)
Bexley	1972	0.83 (0.68–0.98)
Bexley	1973	0.84 (0.7–0.98)
Bexley	1974	0.86 (0.73–1.01)
Bexley	1975	0.88 (0.75–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bexley	1976	0.86 (0.73–1.0)
Bexley	1977	0.89 (0.77–1.02)
Bexley	1978	0.95 (0.83–1.08)
Bexley	1979	0.98 (0.87–1.11)
Bexley	1980	0.97 (0.88–1.08)
Bexley	1981	0.94 (0.85–1.03)
Bexley	1982	0.95 (0.87–1.04)
Bexley	1983	0.93 (0.85–1.02)
Bexley	1984	0.93 (0.86–1.01)
Bexley	1985	0.97 (0.89–1.05)
Bexley	1986	0.99 (0.92–1.08)
Bexley	1987	1.04 (0.96–1.12)
Bexley	1988	1.06 (0.98–1.14)
Bexley	1989	1.04 (0.95–1.13)
Bexley	1990	1.02 (0.94–1.1)
Bexley	1991	0.99 (0.9–1.08)
Bexley	1992	0.95 (0.86–1.03)
Bexley	1993	0.95 (0.86–1.04)
Bexley	1994	0.96 (0.88–1.05)
Bexley	1995	0.97 (0.88–1.07)
Bexley	1996	1.01 (0.91–1.12)
Bexley	1997	0.99 (0.9–1.08)
Bexley	1998	1.01 (0.92–1.1)
Bexley	1999	1.05 (0.96–1.14)
Bexley	2000	1.03 (0.93–1.15)
Bexley	2001	1.05 (0.96–1.16)
Bexley	2002	1.03 (0.94–1.13)
Bexley	2003	1.06 (0.96–1.17)
Bexley	2004	1.02 (0.92–1.12)
Bexley	2005	1.02 (0.92–1.14)
Bexley	2006	1.05 (0.94–1.16)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bexley	2007	1.03 (0.94–1.15)
Bexley	2008	1.03 (0.93–1.13)
Bexley	2009	1.04 (0.94–1.15)
Bexley	2010	1.05 (0.96–1.15)
Bexley	2011	1.03 (0.93–1.14)
Bexley	2012	0.99 (0.89–1.1)
Bexley	2013	0.94 (0.84–1.05)
Bexley	2014	0.9 (0.8–1.02)
Bexley	2015	0.91 (0.8–1.03)
Bexley	2016	0.91 (0.8–1.02)
Bexley	2017	0.95 (0.79–1.12)
Brent	1950	0.57 (0.47–0.68)
Brent	1951	0.66 (0.54–0.79)
Brent	1952	0.62 (0.52–0.74)
Brent	1953	0.63 (0.52–0.75)
Brent	1954	0.6 (0.5–0.71)
Brent	1955	0.6 (0.51–0.71)
Brent	1956	0.6 (0.5–0.7)
Brent	1957	0.61 (0.51–0.72)
Brent	1958	0.6 (0.51–0.72)
Brent	1959	0.61 (0.51–0.73)
Brent	1960	0.63 (0.52–0.74)
Brent	1961	0.64 (0.53–0.77)
Brent	1962	0.67 (0.55–0.8)
Brent	1963	0.68 (0.57–0.81)
Brent	1964	0.67 (0.55–0.8)
Brent	1965	0.66 (0.54–0.79)
Brent	1966	0.69 (0.56–0.82)
Brent	1967	0.68 (0.56–0.82)
Brent	1968	0.72 (0.59–0.86)
Brent	1969	0.74 (0.6–0.89)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Brent	1970	0.78 (0.63–0.94)
Brent	1971	0.81 (0.67–0.97)
Brent	1972	0.83 (0.68–0.98)
Brent	1973	0.84 (0.71–0.98)
Brent	1974	0.86 (0.74–1.01)
Brent	1975	0.88 (0.75–1.02)
Brent	1976	0.86 (0.74–1.0)
Brent	1977	0.89 (0.77–1.02)
Brent	1978	0.95 (0.83–1.08)
Brent	1979	0.98 (0.87–1.11)
Brent	1980	0.97 (0.88–1.07)
Brent	1981	0.94 (0.85–1.03)
Brent	1982	0.95 (0.87–1.04)
Brent	1983	0.93 (0.85–1.02)
Brent	1984	0.93 (0.86–1.01)
Brent	1985	0.97 (0.89–1.05)
Brent	1986	0.99 (0.92–1.08)
Brent	1987	1.04 (0.96–1.12)
Brent	1988	1.06 (0.98–1.14)
Brent	1989	1.04 (0.95–1.13)
Brent	1990	1.02 (0.94–1.1)
Brent	1991	0.99 (0.9–1.08)
Brent	1992	0.95 (0.86–1.03)
Brent	1993	0.95 (0.86–1.04)
Brent	1994	0.96 (0.88–1.05)
Brent	1995	0.97 (0.88–1.07)
Brent	1996	1.01 (0.91–1.12)
Brent	1997	0.99 (0.9–1.08)
Brent	1998	1.01 (0.92–1.1)
Brent	1999	1.05 (0.96–1.14)
Brent	2000	1.03 (0.93–1.15)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Brent	2001	1.05 (0.96–1.16)
Brent	2002	1.03 (0.94–1.13)
Brent	2003	1.06 (0.96–1.17)
Brent	2004	1.02 (0.92–1.12)
Brent	2005	1.02 (0.92–1.14)
Brent	2006	1.05 (0.94–1.16)
Brent	2007	1.03 (0.94–1.15)
Brent	2008	1.03 (0.93–1.13)
Brent	2009	1.04 (0.94–1.15)
Brent	2010	1.05 (0.96–1.15)
Brent	2011	1.03 (0.93–1.14)
Brent	2012	0.99 (0.89–1.1)
Brent	2013	0.94 (0.84–1.05)
Brent	2014	0.9 (0.8–1.02)
Brent	2015	0.91 (0.8–1.03)
Brent	2016	0.91 (0.8–1.02)
Brent	2017	0.95 (0.79–1.12)
Bromley	1950	0.56 (0.47–0.67)
Bromley	1951	0.66 (0.54–0.79)
Bromley	1952	0.62 (0.51–0.74)
Bromley	1953	0.63 (0.52–0.75)
Bromley	1954	0.6 (0.49–0.71)
Bromley	1955	0.6 (0.51–0.71)
Bromley	1956	0.6 (0.5–0.7)
Bromley	1957	0.61 (0.51–0.72)
Bromley	1958	0.6 (0.51–0.72)
Bromley	1959	0.61 (0.51–0.73)
Bromley	1960	0.62 (0.52–0.74)
Bromley	1961	0.64 (0.53–0.77)
Bromley	1962	0.67 (0.55–0.8)
Bromley	1963	0.68 (0.56–0.81)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bromley	1964	0.67 (0.55–0.8)
Bromley	1965	0.66 (0.54–0.79)
Bromley	1966	0.69 (0.56–0.82)
Bromley	1967	0.68 (0.55–0.82)
Bromley	1968	0.72 (0.59–0.86)
Bromley	1969	0.74 (0.6–0.89)
Bromley	1970	0.78 (0.63–0.93)
Bromley	1971	0.81 (0.67–0.97)
Bromley	1972	0.83 (0.68–0.98)
Bromley	1973	0.84 (0.71–0.98)
Bromley	1974	0.86 (0.73–1.01)
Bromley	1975	0.88 (0.75–1.02)
Bromley	1976	0.86 (0.73–1.0)
Bromley	1977	0.89 (0.77–1.02)
Bromley	1978	0.95 (0.83–1.08)
Bromley	1979	0.98 (0.87–1.11)
Bromley	1980	0.97 (0.88–1.08)
Bromley	1981	0.94 (0.85–1.03)
Bromley	1982	0.95 (0.87–1.04)
Bromley	1983	0.93 (0.85–1.02)
Bromley	1984	0.93 (0.86–1.01)
Bromley	1985	0.97 (0.89–1.05)
Bromley	1986	0.99 (0.92–1.08)
Bromley	1987	1.04 (0.96–1.12)
Bromley	1988	1.06 (0.98–1.14)
Bromley	1989	1.04 (0.95–1.13)
Bromley	1990	1.02 (0.94–1.1)
Bromley	1991	0.99 (0.9–1.08)
Bromley	1992	0.95 (0.86–1.03)
Bromley	1993	0.95 (0.86–1.04)
Bromley	1994	0.96 (0.88–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bromley	1995	0.97 (0.88–1.07)
Bromley	1996	1.01 (0.91–1.12)
Bromley	1997	0.99 (0.9–1.08)
Bromley	1998	1.01 (0.92–1.1)
Bromley	1999	1.05 (0.96–1.14)
Bromley	2000	1.03 (0.93–1.15)
Bromley	2001	1.05 (0.96–1.16)
Bromley	2002	1.03 (0.94–1.13)
Bromley	2003	1.06 (0.96–1.17)
Bromley	2004	1.02 (0.92–1.12)
Bromley	2005	1.02 (0.92–1.14)
Bromley	2006	1.05 (0.94–1.16)
Bromley	2007	1.03 (0.94–1.15)
Bromley	2008	1.03 (0.93–1.13)
Bromley	2009	1.04 (0.94–1.15)
Bromley	2010	1.05 (0.96–1.15)
Bromley	2011	1.03 (0.93–1.14)
Bromley	2012	0.99 (0.89–1.1)
Bromley	2013	0.94 (0.84–1.05)
Bromley	2014	0.9 (0.8–1.02)
Bromley	2015	0.91 (0.8–1.03)
Bromley	2016	0.91 (0.8–1.02)
Bromley	2017	0.95 (0.79–1.12)
Camden	1950	0.57 (0.47–0.67)
Camden	1951	0.66 (0.54–0.79)
Camden	1952	0.62 (0.51–0.74)
Camden	1953	0.63 (0.52–0.75)
Camden	1954	0.6 (0.5–0.71)
Camden	1955	0.6 (0.51–0.71)
Camden	1956	0.6 (0.5–0.7)
Camden	1957	0.61 (0.51–0.72)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Camden	1958	0.6 (0.51–0.72)
Camden	1959	0.61 (0.51–0.73)
Camden	1960	0.63 (0.52–0.74)
Camden	1961	0.64 (0.53–0.77)
Camden	1962	0.67 (0.55–0.8)
Camden	1963	0.68 (0.56–0.81)
Camden	1964	0.67 (0.55–0.8)
Camden	1965	0.66 (0.54–0.79)
Camden	1966	0.69 (0.56–0.82)
Camden	1967	0.68 (0.56–0.82)
Camden	1968	0.72 (0.59–0.86)
Camden	1969	0.74 (0.6–0.89)
Camden	1970	0.78 (0.63–0.93)
Camden	1971	0.81 (0.67–0.97)
Camden	1972	0.83 (0.68–0.98)
Camden	1973	0.84 (0.71–0.98)
Camden	1974	0.86 (0.74–1.01)
Camden	1975	0.88 (0.75–1.02)
Camden	1976	0.86 (0.73–1.0)
Camden	1977	0.89 (0.77–1.02)
Camden	1978	0.95 (0.83–1.08)
Camden	1979	0.98 (0.87–1.11)
Camden	1980	0.97 (0.88–1.08)
Camden	1981	0.94 (0.85–1.03)
Camden	1982	0.95 (0.87–1.04)
Camden	1983	0.93 (0.85–1.02)
Camden	1984	0.93 (0.86–1.01)
Camden	1985	0.97 (0.89–1.05)
Camden	1986	0.99 (0.92–1.08)
Camden	1987	1.04 (0.96–1.12)
Camden	1988	1.06 (0.98–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Camden	1989	1.04 (0.95–1.13)
Camden	1990	1.02 (0.94–1.1)
Camden	1991	0.99 (0.9–1.08)
Camden	1992	0.95 (0.86–1.03)
Camden	1993	0.95 (0.86–1.04)
Camden	1994	0.96 (0.88–1.05)
Camden	1995	0.97 (0.88–1.07)
Camden	1996	1.01 (0.91–1.12)
Camden	1997	0.99 (0.9–1.08)
Camden	1998	1.01 (0.92–1.1)
Camden	1999	1.05 (0.96–1.14)
Camden	2000	1.03 (0.93–1.15)
Camden	2001	1.05 (0.96–1.16)
Camden	2002	1.03 (0.94–1.13)
Camden	2003	1.06 (0.96–1.17)
Camden	2004	1.02 (0.92–1.12)
Camden	2005	1.02 (0.92–1.14)
Camden	2006	1.05 (0.94–1.16)
Camden	2007	1.03 (0.94–1.15)
Camden	2008	1.03 (0.93–1.13)
Camden	2009	1.04 (0.94–1.15)
Camden	2010	1.05 (0.96–1.15)
Camden	2011	1.03 (0.93–1.14)
Camden	2012	0.99 (0.89–1.1)
Camden	2013	0.94 (0.84–1.05)
Camden	2014	0.9 (0.8–1.02)
Camden	2015	0.91 (0.8–1.03)
Camden	2016	0.91 (0.8–1.02)
Camden	2017	0.95 (0.79–1.12)
Croydon	1950	0.57 (0.47–0.67)
Croydon	1951	0.66 (0.54–0.79)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Croydon	1952	0.62 (0.51–0.74)
Croydon	1953	0.63 (0.52–0.75)
Croydon	1954	0.6 (0.5–0.71)
Croydon	1955	0.6 (0.51–0.71)
Croydon	1956	0.6 (0.5–0.7)
Croydon	1957	0.61 (0.51–0.72)
Croydon	1958	0.6 (0.51–0.72)
Croydon	1959	0.61 (0.51–0.73)
Croydon	1960	0.63 (0.52–0.74)
Croydon	1961	0.64 (0.53–0.77)
Croydon	1962	0.67 (0.55–0.8)
Croydon	1963	0.68 (0.56–0.81)
Croydon	1964	0.67 (0.55–0.8)
Croydon	1965	0.66 (0.54–0.79)
Croydon	1966	0.69 (0.56–0.82)
Croydon	1967	0.68 (0.55–0.82)
Croydon	1968	0.72 (0.59–0.86)
Croydon	1969	0.74 (0.6–0.89)
Croydon	1970	0.78 (0.63–0.93)
Croydon	1971	0.81 (0.67–0.97)
Croydon	1972	0.83 (0.68–0.98)
Croydon	1973	0.84 (0.71–0.98)
Croydon	1974	0.86 (0.74–1.01)
Croydon	1975	0.88 (0.75–1.02)
Croydon	1976	0.86 (0.73–1.0)
Croydon	1977	0.89 (0.77–1.02)
Croydon	1978	0.95 (0.83–1.08)
Croydon	1979	0.98 (0.87–1.11)
Croydon	1980	0.97 (0.88–1.08)
Croydon	1981	0.94 (0.85–1.03)
Croydon	1982	0.95 (0.87–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Croydon	1983	0.93 (0.85–1.02)
Croydon	1984	0.93 (0.86–1.01)
Croydon	1985	0.97 (0.89–1.05)
Croydon	1986	0.99 (0.92–1.08)
Croydon	1987	1.04 (0.96–1.12)
Croydon	1988	1.06 (0.98–1.14)
Croydon	1989	1.04 (0.95–1.13)
Croydon	1990	1.02 (0.94–1.1)
Croydon	1991	0.99 (0.9–1.08)
Croydon	1992	0.95 (0.86–1.03)
Croydon	1993	0.95 (0.86–1.04)
Croydon	1994	0.96 (0.88–1.05)
Croydon	1995	0.97 (0.88–1.07)
Croydon	1996	1.01 (0.91–1.12)
Croydon	1997	0.99 (0.9–1.08)
Croydon	1998	1.01 (0.92–1.1)
Croydon	1999	1.05 (0.96–1.14)
Croydon	2000	1.03 (0.93–1.15)
Croydon	2001	1.05 (0.96–1.16)
Croydon	2002	1.03 (0.94–1.13)
Croydon	2003	1.06 (0.96–1.17)
Croydon	2004	1.02 (0.92–1.12)
Croydon	2005	1.02 (0.92–1.14)
Croydon	2006	1.05 (0.94–1.16)
Croydon	2007	1.03 (0.94–1.15)
Croydon	2008	1.03 (0.93–1.13)
Croydon	2009	1.04 (0.94–1.15)
Croydon	2010	1.05 (0.96–1.15)
Croydon	2011	1.03 (0.93–1.14)
Croydon	2012	0.99 (0.89–1.1)
Croydon	2013	0.94 (0.84–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Croydon	2014	0.9 (0.8–1.02)
Croydon	2015	0.91 (0.8–1.03)
Croydon	2016	0.91 (0.8–1.02)
Croydon	2017	0.95 (0.79–1.12)
Ealing	1950	0.57 (0.47–0.67)
Ealing	1951	0.66 (0.54–0.79)
Ealing	1952	0.62 (0.51–0.74)
Ealing	1953	0.63 (0.52–0.75)
Ealing	1954	0.6 (0.5–0.71)
Ealing	1955	0.6 (0.51–0.71)
Ealing	1956	0.6 (0.5–0.7)
Ealing	1957	0.61 (0.51–0.72)
Ealing	1958	0.6 (0.51–0.72)
Ealing	1959	0.61 (0.51–0.73)
Ealing	1960	0.63 (0.52–0.74)
Ealing	1961	0.64 (0.53–0.77)
Ealing	1962	0.67 (0.55–0.8)
Ealing	1963	0.68 (0.56–0.81)
Ealing	1964	0.67 (0.55–0.8)
Ealing	1965	0.66 (0.54–0.79)
Ealing	1966	0.69 (0.56–0.82)
Ealing	1967	0.68 (0.55–0.82)
Ealing	1968	0.72 (0.59–0.86)
Ealing	1969	0.74 (0.6–0.89)
Ealing	1970	0.78 (0.63–0.93)
Ealing	1971	0.81 (0.67–0.97)
Ealing	1972	0.83 (0.68–0.98)
Ealing	1973	0.84 (0.71–0.98)
Ealing	1974	0.86 (0.74–1.01)
Ealing	1975	0.88 (0.75–1.02)
Ealing	1976	0.86 (0.73–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ealing	1977	0.89 (0.77–1.02)
Ealing	1978	0.95 (0.83–1.08)
Ealing	1979	0.98 (0.87–1.11)
Ealing	1980	0.97 (0.88–1.08)
Ealing	1981	0.94 (0.85–1.03)
Ealing	1982	0.95 (0.87–1.04)
Ealing	1983	0.93 (0.85–1.02)
Ealing	1984	0.93 (0.86–1.01)
Ealing	1985	0.97 (0.89–1.05)
Ealing	1986	0.99 (0.92–1.08)
Ealing	1987	1.04 (0.96–1.12)
Ealing	1988	1.06 (0.98–1.14)
Ealing	1989	1.04 (0.95–1.13)
Ealing	1990	1.02 (0.94–1.1)
Ealing	1991	0.99 (0.9–1.08)
Ealing	1992	0.95 (0.86–1.03)
Ealing	1993	0.95 (0.86–1.04)
Ealing	1994	0.96 (0.88–1.05)
Ealing	1995	0.97 (0.88–1.07)
Ealing	1996	1.01 (0.91–1.12)
Ealing	1997	0.99 (0.9–1.08)
Ealing	1998	1.01 (0.92–1.1)
Ealing	1999	1.05 (0.96–1.14)
Ealing	2000	1.03 (0.93–1.15)
Ealing	2001	1.05 (0.96–1.16)
Ealing	2002	1.03 (0.94–1.13)
Ealing	2003	1.06 (0.96–1.17)
Ealing	2004	1.02 (0.92–1.12)
Ealing	2005	1.02 (0.92–1.14)
Ealing	2006	1.05 (0.94–1.16)
Ealing	2007	1.03 (0.94–1.15)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ealing	2008	1.03 (0.93–1.13)
Ealing	2009	1.04 (0.94–1.15)
Ealing	2010	1.05 (0.96–1.15)
Ealing	2011	1.03 (0.93–1.14)
Ealing	2012	0.99 (0.89–1.1)
Ealing	2013	0.94 (0.84–1.05)
Ealing	2014	0.9 (0.8–1.02)
Ealing	2015	0.91 (0.8–1.03)
Ealing	2016	0.91 (0.8–1.02)
Ealing	2017	0.95 (0.79–1.12)
Enfield	1950	0.57 (0.47–0.67)
Enfield	1951	0.66 (0.54–0.79)
Enfield	1952	0.62 (0.51–0.74)
Enfield	1953	0.63 (0.52–0.75)
Enfield	1954	0.6 (0.5–0.71)
Enfield	1955	0.6 (0.51–0.71)
Enfield	1956	0.6 (0.5–0.7)
Enfield	1957	0.61 (0.51–0.72)
Enfield	1958	0.6 (0.51–0.72)
Enfield	1959	0.61 (0.51–0.73)
Enfield	1960	0.63 (0.52–0.74)
Enfield	1961	0.64 (0.53–0.77)
Enfield	1962	0.67 (0.55–0.8)
Enfield	1963	0.68 (0.56–0.81)
Enfield	1964	0.67 (0.55–0.8)
Enfield	1965	0.66 (0.54–0.79)
Enfield	1966	0.69 (0.56–0.82)
Enfield	1967	0.68 (0.55–0.82)
Enfield	1968	0.72 (0.59–0.86)
Enfield	1969	0.74 (0.6–0.89)
Enfield	1970	0.78 (0.63–0.93)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Enfield	1971	0.81 (0.67–0.97)
Enfield	1972	0.83 (0.68–0.98)
Enfield	1973	0.84 (0.71–0.98)
Enfield	1974	0.86 (0.74–1.01)
Enfield	1975	0.88 (0.75–1.02)
Enfield	1976	0.86 (0.73–1.0)
Enfield	1977	0.89 (0.77–1.02)
Enfield	1978	0.95 (0.83–1.08)
Enfield	1979	0.98 (0.87–1.11)
Enfield	1980	0.97 (0.88–1.08)
Enfield	1981	0.94 (0.85–1.03)
Enfield	1982	0.95 (0.87–1.04)
Enfield	1983	0.93 (0.85–1.02)
Enfield	1984	0.93 (0.86–1.01)
Enfield	1985	0.97 (0.89–1.05)
Enfield	1986	0.99 (0.92–1.08)
Enfield	1987	1.04 (0.96–1.12)
Enfield	1988	1.06 (0.98–1.14)
Enfield	1989	1.04 (0.95–1.13)
Enfield	1990	1.02 (0.94–1.1)
Enfield	1991	0.99 (0.9–1.08)
Enfield	1992	0.95 (0.86–1.03)
Enfield	1993	0.95 (0.86–1.04)
Enfield	1994	0.96 (0.88–1.05)
Enfield	1995	0.97 (0.88–1.07)
Enfield	1996	1.01 (0.91–1.12)
Enfield	1997	0.99 (0.9–1.08)
Enfield	1998	1.01 (0.92–1.1)
Enfield	1999	1.05 (0.96–1.14)
Enfield	2000	1.03 (0.93–1.15)
Enfield	2001	1.05 (0.96–1.16)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Enfield	2002	1.03 (0.94–1.13)
Enfield	2003	1.06 (0.96–1.17)
Enfield	2004	1.02 (0.92–1.12)
Enfield	2005	1.02 (0.92–1.14)
Enfield	2006	1.05 (0.94–1.16)
Enfield	2007	1.03 (0.94–1.15)
Enfield	2008	1.03 (0.93–1.13)
Enfield	2009	1.04 (0.94–1.15)
Enfield	2010	1.05 (0.96–1.15)
Enfield	2011	1.03 (0.93–1.14)
Enfield	2012	0.99 (0.89–1.1)
Enfield	2013	0.94 (0.84–1.05)
Enfield	2014	0.9 (0.8–1.02)
Enfield	2015	0.91 (0.8–1.03)
Enfield	2016	0.91 (0.8–1.02)
Enfield	2017	0.95 (0.79–1.12)
Greenwich	1950	0.57 (0.47–0.68)
Greenwich	1951	0.66 (0.55–0.79)
Greenwich	1952	0.62 (0.52–0.74)
Greenwich	1953	0.63 (0.52–0.75)
Greenwich	1954	0.6 (0.5–0.71)
Greenwich	1955	0.6 (0.51–0.71)
Greenwich	1956	0.6 (0.5–0.7)
Greenwich	1957	0.61 (0.51–0.72)
Greenwich	1958	0.61 (0.51–0.72)
Greenwich	1959	0.61 (0.51–0.73)
Greenwich	1960	0.63 (0.52–0.75)
Greenwich	1961	0.64 (0.53–0.77)
Greenwich	1962	0.67 (0.55–0.8)
Greenwich	1963	0.68 (0.57–0.81)
Greenwich	1964	0.67 (0.55–0.8)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Greenwich	1965	0.66 (0.54–0.79)
Greenwich	1966	0.69 (0.56–0.82)
Greenwich	1967	0.68 (0.56–0.82)
Greenwich	1968	0.72 (0.59–0.86)
Greenwich	1969	0.74 (0.6–0.89)
Greenwich	1970	0.78 (0.63–0.94)
Greenwich	1971	0.81 (0.67–0.97)
Greenwich	1972	0.83 (0.68–0.98)
Greenwich	1973	0.84 (0.71–0.98)
Greenwich	1974	0.86 (0.74–1.01)
Greenwich	1975	0.88 (0.75–1.02)
Greenwich	1976	0.86 (0.74–1.0)
Greenwich	1977	0.89 (0.77–1.02)
Greenwich	1978	0.95 (0.83–1.08)
Greenwich	1979	0.98 (0.87–1.11)
Greenwich	1980	0.97 (0.88–1.07)
Greenwich	1981	0.94 (0.85–1.03)
Greenwich	1982	0.95 (0.87–1.04)
Greenwich	1983	0.93 (0.85–1.02)
Greenwich	1984	0.93 (0.86–1.01)
Greenwich	1985	0.97 (0.89–1.05)
Greenwich	1986	0.99 (0.92–1.08)
Greenwich	1987	1.04 (0.96–1.12)
Greenwich	1988	1.06 (0.98–1.14)
Greenwich	1989	1.04 (0.95–1.13)
Greenwich	1990	1.02 (0.94–1.1)
Greenwich	1991	0.99 (0.9–1.08)
Greenwich	1992	0.95 (0.86–1.03)
Greenwich	1993	0.95 (0.86–1.04)
Greenwich	1994	0.96 (0.88–1.05)
Greenwich	1995	0.97 (0.88–1.07)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Greenwich	1996	1.01 (0.91–1.12)
Greenwich	1997	0.99 (0.9–1.08)
Greenwich	1998	1.01 (0.92–1.1)
Greenwich	1999	1.05 (0.96–1.14)
Greenwich	2000	1.03 (0.93–1.15)
Greenwich	2001	1.05 (0.96–1.16)
Greenwich	2002	1.03 (0.94–1.13)
Greenwich	2003	1.06 (0.96–1.17)
Greenwich	2004	1.02 (0.92–1.12)
Greenwich	2005	1.02 (0.92–1.14)
Greenwich	2006	1.05 (0.94–1.16)
Greenwich	2007	1.03 (0.94–1.15)
Greenwich	2008	1.03 (0.93–1.13)
Greenwich	2009	1.04 (0.94–1.15)
Greenwich	2010	1.05 (0.96–1.15)
Greenwich	2011	1.03 (0.93–1.14)
Greenwich	2012	0.99 (0.89–1.1)
Greenwich	2013	0.94 (0.84–1.05)
Greenwich	2014	0.9 (0.8–1.02)
Greenwich	2015	0.91 (0.8–1.03)
Greenwich	2016	0.91 (0.8–1.02)
Greenwich	2017	0.95 (0.79–1.12)
Hackney	1950	0.57 (0.47–0.68)
Hackney	1951	0.66 (0.54–0.79)
Hackney	1952	0.62 (0.52–0.74)
Hackney	1953	0.63 (0.52–0.75)
Hackney	1954	0.6 (0.5–0.71)
Hackney	1955	0.6 (0.51–0.71)
Hackney	1956	0.6 (0.5–0.7)
Hackney	1957	0.61 (0.51–0.72)
Hackney	1958	0.6 (0.51–0.72)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hackney	1959	0.61 (0.51–0.73)
Hackney	1960	0.63 (0.52–0.74)
Hackney	1961	0.64 (0.53–0.77)
Hackney	1962	0.67 (0.55–0.8)
Hackney	1963	0.68 (0.57–0.81)
Hackney	1964	0.67 (0.55–0.8)
Hackney	1965	0.66 (0.54–0.79)
Hackney	1966	0.69 (0.56–0.82)
Hackney	1967	0.68 (0.56–0.82)
Hackney	1968	0.72 (0.59–0.86)
Hackney	1969	0.74 (0.6–0.89)
Hackney	1970	0.78 (0.63–0.93)
Hackney	1971	0.81 (0.67–0.97)
Hackney	1972	0.83 (0.68–0.98)
Hackney	1973	0.84 (0.71–0.98)
Hackney	1974	0.86 (0.74–1.01)
Hackney	1975	0.88 (0.75–1.02)
Hackney	1976	0.86 (0.74–1.0)
Hackney	1977	0.89 (0.77–1.02)
Hackney	1978	0.95 (0.83–1.08)
Hackney	1979	0.98 (0.87–1.11)
Hackney	1980	0.97 (0.88–1.08)
Hackney	1981	0.94 (0.85–1.03)
Hackney	1982	0.95 (0.87–1.04)
Hackney	1983	0.93 (0.85–1.02)
Hackney	1984	0.93 (0.86–1.01)
Hackney	1985	0.97 (0.89–1.05)
Hackney	1986	0.99 (0.92–1.08)
Hackney	1987	1.04 (0.96–1.12)
Hackney	1988	1.06 (0.98–1.14)
Hackney	1989	1.04 (0.95–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hackney	1990	1.02 (0.94–1.1)
Hackney	1991	0.99 (0.9–1.08)
Hackney	1992	0.95 (0.86–1.03)
Hackney	1993	0.95 (0.86–1.04)
Hackney	1994	0.96 (0.88–1.05)
Hackney	1995	0.97 (0.88–1.07)
Hackney	1996	1.01 (0.91–1.12)
Hackney	1997	0.99 (0.9–1.08)
Hackney	1998	1.01 (0.92–1.1)
Hackney	1999	1.05 (0.96–1.14)
Hackney	2000	1.03 (0.93–1.15)
Hackney	2001	1.05 (0.96–1.16)
Hackney	2002	1.03 (0.94–1.13)
Hackney	2003	1.06 (0.96–1.17)
Hackney	2004	1.02 (0.92–1.12)
Hackney	2005	1.02 (0.92–1.14)
Hackney	2006	1.05 (0.94–1.16)
Hackney	2007	1.03 (0.94–1.15)
Hackney	2008	1.03 (0.93–1.13)
Hackney	2009	1.04 (0.94–1.15)
Hackney	2010	1.05 (0.96–1.15)
Hackney	2011	1.03 (0.93–1.13)
Hackney	2012	0.99 (0.89–1.1)
Hackney	2013	0.94 (0.84–1.05)
Hackney	2014	0.9 (0.8–1.02)
Hackney	2015	0.91 (0.8–1.03)
Hackney	2016	0.91 (0.8–1.02)
Hackney	2017	0.95 (0.79–1.12)
Hammersmith and Fulham	1950	0.57 (0.47–0.67)
Hammersmith and Fulham	1951	0.66 (0.54–0.79)
Hammersmith and Fulham	1952	0.62 (0.51–0.74)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hammersmith and Fulham	1953	0.63 (0.52–0.75)
Hammersmith and Fulham	1954	0.6 (0.5–0.71)
Hammersmith and Fulham	1955	0.6 (0.51–0.71)
Hammersmith and Fulham	1956	0.6 (0.5–0.7)
Hammersmith and Fulham	1957	0.61 (0.51–0.72)
Hammersmith and Fulham	1958	0.6 (0.51–0.72)
Hammersmith and Fulham	1959	0.61 (0.51–0.73)
Hammersmith and Fulham	1960	0.63 (0.52–0.74)
Hammersmith and Fulham	1961	0.64 (0.53–0.77)
Hammersmith and Fulham	1962	0.67 (0.55–0.8)
Hammersmith and Fulham	1963	0.68 (0.56–0.81)
Hammersmith and Fulham	1964	0.67 (0.55–0.8)
Hammersmith and Fulham	1965	0.66 (0.54–0.79)
Hammersmith and Fulham	1966	0.69 (0.56–0.82)
Hammersmith and Fulham	1967	0.68 (0.56–0.82)
Hammersmith and Fulham	1968	0.72 (0.59–0.86)
Hammersmith and Fulham	1969	0.74 (0.6–0.89)
Hammersmith and Fulham	1970	0.78 (0.63–0.93)
Hammersmith and Fulham	1971	0.81 (0.67–0.97)
Hammersmith and Fulham	1972	0.83 (0.68–0.98)
Hammersmith and Fulham	1973	0.84 (0.71–0.98)
Hammersmith and Fulham	1974	0.86 (0.74–1.01)
Hammersmith and Fulham	1975	0.88 (0.75–1.02)
Hammersmith and Fulham	1976	0.86 (0.73–1.0)
Hammersmith and Fulham	1977	0.89 (0.77–1.02)
Hammersmith and Fulham	1978	0.95 (0.83–1.08)
Hammersmith and Fulham	1979	0.98 (0.87–1.11)
Hammersmith and Fulham	1980	0.97 (0.88–1.08)
Hammersmith and Fulham	1981	0.94 (0.85–1.03)
Hammersmith and Fulham	1982	0.95 (0.87–1.04)
Hammersmith and Fulham	1983	0.93 (0.85–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hammersmith and Fulham	1984	0.93 (0.86–1.01)
Hammersmith and Fulham	1985	0.97 (0.89–1.05)
Hammersmith and Fulham	1986	0.99 (0.92–1.08)
Hammersmith and Fulham	1987	1.04 (0.96–1.12)
Hammersmith and Fulham	1988	1.06 (0.98–1.14)
Hammersmith and Fulham	1989	1.04 (0.95–1.13)
Hammersmith and Fulham	1990	1.02 (0.94–1.1)
Hammersmith and Fulham	1991	0.99 (0.9–1.08)
Hammersmith and Fulham	1992	0.95 (0.86–1.03)
Hammersmith and Fulham	1993	0.95 (0.86–1.04)
Hammersmith and Fulham	1994	0.96 (0.88–1.05)
Hammersmith and Fulham	1995	0.97 (0.88–1.07)
Hammersmith and Fulham	1996	1.01 (0.91–1.12)
Hammersmith and Fulham	1997	0.99 (0.9–1.08)
Hammersmith and Fulham	1998	1.01 (0.92–1.1)
Hammersmith and Fulham	1999	1.05 (0.96–1.14)
Hammersmith and Fulham	2000	1.03 (0.93–1.15)
Hammersmith and Fulham	2001	1.05 (0.96–1.16)
Hammersmith and Fulham	2002	1.03 (0.94–1.13)
Hammersmith and Fulham	2003	1.06 (0.96–1.17)
Hammersmith and Fulham	2004	1.02 (0.92–1.12)
Hammersmith and Fulham	2005	1.02 (0.92–1.14)
Hammersmith and Fulham	2006	1.05 (0.94–1.16)
Hammersmith and Fulham	2007	1.03 (0.94–1.15)
Hammersmith and Fulham	2008	1.03 (0.93–1.13)
Hammersmith and Fulham	2009	1.04 (0.94–1.15)
Hammersmith and Fulham	2010	1.05 (0.96–1.15)
Hammersmith and Fulham	2011	1.03 (0.93–1.14)
Hammersmith and Fulham	2012	0.99 (0.89–1.1)
Hammersmith and Fulham	2013	0.94 (0.84–1.05)
Hammersmith and Fulham	2014	0.9 (0.8–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hammersmith and Fulham	2015	0.91 (0.8–1.03)
Hammersmith and Fulham	2016	0.91 (0.8–1.02)
Hammersmith and Fulham	2017	0.95 (0.79–1.12)
Haringey	1950	0.57 (0.47–0.68)
Haringey	1951	0.66 (0.54–0.79)
Haringey	1952	0.62 (0.52–0.74)
Haringey	1953	0.63 (0.52–0.75)
Haringey	1954	0.6 (0.5–0.71)
Haringey	1955	0.6 (0.51–0.71)
Haringey	1956	0.6 (0.5–0.7)
Haringey	1957	0.61 (0.51–0.72)
Haringey	1958	0.6 (0.51–0.72)
Haringey	1959	0.61 (0.51–0.73)
Haringey	1960	0.63 (0.52–0.75)
Haringey	1961	0.64 (0.53–0.77)
Haringey	1962	0.67 (0.55–0.8)
Haringey	1963	0.68 (0.56–0.81)
Haringey	1964	0.67 (0.55–0.8)
Haringey	1965	0.66 (0.54–0.79)
Haringey	1966	0.69 (0.56–0.82)
Haringey	1967	0.68 (0.56–0.82)
Haringey	1968	0.72 (0.59–0.86)
Haringey	1969	0.74 (0.6–0.89)
Haringey	1970	0.78 (0.63–0.93)
Haringey	1971	0.81 (0.67–0.97)
Haringey	1972	0.83 (0.68–0.98)
Haringey	1973	0.84 (0.71–0.98)
Haringey	1974	0.86 (0.74–1.01)
Haringey	1975	0.88 (0.75–1.02)
Haringey	1976	0.86 (0.74–1.0)
Haringey	1977	0.89 (0.77–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Haringey	1978	0.95 (0.83–1.08)
Haringey	1979	0.98 (0.87–1.11)
Haringey	1980	0.97 (0.88–1.08)
Haringey	1981	0.94 (0.85–1.03)
Haringey	1982	0.95 (0.87–1.04)
Haringey	1983	0.93 (0.85–1.02)
Haringey	1984	0.93 (0.86–1.01)
Haringey	1985	0.97 (0.89–1.05)
Haringey	1986	0.99 (0.92–1.08)
Haringey	1987	1.04 (0.96–1.12)
Haringey	1988	1.06 (0.98–1.14)
Haringey	1989	1.04 (0.95–1.13)
Haringey	1990	1.02 (0.94–1.1)
Haringey	1991	0.99 (0.9–1.08)
Haringey	1992	0.95 (0.86–1.03)
Haringey	1993	0.95 (0.86–1.04)
Haringey	1994	0.96 (0.88–1.05)
Haringey	1995	0.97 (0.88–1.07)
Haringey	1996	1.01 (0.91–1.12)
Haringey	1997	0.99 (0.9–1.08)
Haringey	1998	1.01 (0.92–1.1)
Haringey	1999	1.05 (0.96–1.14)
Haringey	2000	1.03 (0.93–1.15)
Haringey	2001	1.05 (0.96–1.16)
Haringey	2002	1.03 (0.94–1.13)
Haringey	2003	1.06 (0.96–1.17)
Haringey	2004	1.02 (0.92–1.12)
Haringey	2005	1.02 (0.92–1.14)
Haringey	2006	1.05 (0.94–1.16)
Haringey	2007	1.03 (0.94–1.15)
Haringey	2008	1.03 (0.93–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Haringey	2009	1.04 (0.94–1.15)
Haringey	2010	1.05 (0.96–1.15)
Haringey	2011	1.03 (0.93–1.14)
Haringey	2012	0.99 (0.89–1.1)
Haringey	2013	0.94 (0.84–1.05)
Haringey	2014	0.9 (0.8–1.02)
Haringey	2015	0.91 (0.8–1.03)
Haringey	2016	0.91 (0.8–1.02)
Haringey	2017	0.95 (0.79–1.12)
Harrow	1950	0.56 (0.47–0.67)
Harrow	1951	0.66 (0.54–0.79)
Harrow	1952	0.62 (0.51–0.74)
Harrow	1953	0.63 (0.52–0.75)
Harrow	1954	0.6 (0.49–0.71)
Harrow	1955	0.6 (0.51–0.71)
Harrow	1956	0.6 (0.5–0.7)
Harrow	1957	0.61 (0.51–0.72)
Harrow	1958	0.6 (0.51–0.72)
Harrow	1959	0.61 (0.51–0.73)
Harrow	1960	0.62 (0.52–0.74)
Harrow	1961	0.64 (0.53–0.76)
Harrow	1962	0.67 (0.55–0.8)
Harrow	1963	0.68 (0.56–0.81)
Harrow	1964	0.67 (0.55–0.8)
Harrow	1965	0.66 (0.54–0.79)
Harrow	1966	0.69 (0.56–0.82)
Harrow	1967	0.68 (0.55–0.82)
Harrow	1968	0.72 (0.59–0.86)
Harrow	1969	0.74 (0.6–0.89)
Harrow	1970	0.78 (0.63–0.93)
Harrow	1971	0.81 (0.67–0.97)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Harrow	1972	0.83 (0.68–0.98)
Harrow	1973	0.84 (0.71–0.98)
Harrow	1974	0.86 (0.73–1.01)
Harrow	1975	0.88 (0.75–1.02)
Harrow	1976	0.86 (0.73–1.0)
Harrow	1977	0.89 (0.77–1.02)
Harrow	1978	0.95 (0.83–1.08)
Harrow	1979	0.98 (0.87–1.11)
Harrow	1980	0.97 (0.88–1.08)
Harrow	1981	0.94 (0.85–1.03)
Harrow	1982	0.95 (0.87–1.04)
Harrow	1983	0.93 (0.85–1.02)
Harrow	1984	0.93 (0.86–1.01)
Harrow	1985	0.97 (0.89–1.05)
Harrow	1986	0.99 (0.92–1.08)
Harrow	1987	1.04 (0.96–1.12)
Harrow	1988	1.06 (0.98–1.14)
Harrow	1989	1.04 (0.95–1.13)
Harrow	1990	1.02 (0.94–1.1)
Harrow	1991	0.99 (0.9–1.08)
Harrow	1992	0.95 (0.86–1.03)
Harrow	1993	0.95 (0.86–1.04)
Harrow	1994	0.96 (0.88–1.05)
Harrow	1995	0.97 (0.88–1.07)
Harrow	1996	1.01 (0.91–1.12)
Harrow	1997	0.99 (0.9–1.08)
Harrow	1998	1.01 (0.92–1.1)
Harrow	1999	1.05 (0.96–1.14)
Harrow	2000	1.03 (0.93–1.15)
Harrow	2001	1.05 (0.96–1.16)
Harrow	2002	1.03 (0.94–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Harrow	2003	1.06 (0.96–1.17)
Harrow	2004	1.02 (0.92–1.12)
Harrow	2005	1.02 (0.92–1.14)
Harrow	2006	1.05 (0.94–1.16)
Harrow	2007	1.03 (0.94–1.15)
Harrow	2008	1.03 (0.93–1.13)
Harrow	2009	1.04 (0.94–1.15)
Harrow	2010	1.05 (0.96–1.15)
Harrow	2011	1.03 (0.93–1.13)
Harrow	2012	0.99 (0.89–1.1)
Harrow	2013	0.94 (0.84–1.05)
Harrow	2014	0.9 (0.8–1.02)
Harrow	2015	0.91 (0.8–1.03)
Harrow	2016	0.91 (0.8–1.02)
Harrow	2017	0.95 (0.79–1.12)
Havering	1950	0.56 (0.47–0.67)
Havering	1951	0.66 (0.54–0.79)
Havering	1952	0.62 (0.51–0.74)
Havering	1953	0.63 (0.52–0.75)
Havering	1954	0.6 (0.5–0.71)
Havering	1955	0.6 (0.51–0.71)
Havering	1956	0.6 (0.5–0.7)
Havering	1957	0.61 (0.51–0.72)
Havering	1958	0.6 (0.51–0.72)
Havering	1959	0.61 (0.51–0.73)
Havering	1960	0.63 (0.52–0.74)
Havering	1961	0.64 (0.53–0.77)
Havering	1962	0.67 (0.55–0.8)
Havering	1963	0.68 (0.56–0.81)
Havering	1964	0.67 (0.55–0.8)
Havering	1965	0.66 (0.54–0.79)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Havering	1966	0.69 (0.56–0.82)
Havering	1967	0.68 (0.55–0.82)
Havering	1968	0.72 (0.59–0.86)
Havering	1969	0.74 (0.6–0.89)
Havering	1970	0.78 (0.63–0.93)
Havering	1971	0.81 (0.67–0.97)
Havering	1972	0.83 (0.68–0.98)
Havering	1973	0.84 (0.71–0.98)
Havering	1974	0.86 (0.73–1.01)
Havering	1975	0.88 (0.75–1.02)
Havering	1976	0.86 (0.73–1.0)
Havering	1977	0.89 (0.77–1.02)
Havering	1978	0.95 (0.83–1.08)
Havering	1979	0.98 (0.87–1.11)
Havering	1980	0.97 (0.88–1.08)
Havering	1981	0.94 (0.85–1.03)
Havering	1982	0.95 (0.87–1.04)
Havering	1983	0.93 (0.85–1.02)
Havering	1984	0.93 (0.86–1.01)
Havering	1985	0.97 (0.89–1.05)
Havering	1986	0.99 (0.92–1.08)
Havering	1987	1.04 (0.96–1.12)
Havering	1988	1.06 (0.98–1.14)
Havering	1989	1.04 (0.95–1.13)
Havering	1990	1.02 (0.94–1.1)
Havering	1991	0.99 (0.9–1.08)
Havering	1992	0.95 (0.86–1.03)
Havering	1993	0.95 (0.86–1.04)
Havering	1994	0.96 (0.88–1.05)
Havering	1995	0.97 (0.88–1.07)
Havering	1996	1.01 (0.91–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Havering	1997	0.99 (0.9–1.08)
Havering	1998	1.01 (0.92–1.1)
Havering	1999	1.05 (0.96–1.14)
Havering	2000	1.03 (0.93–1.15)
Havering	2001	1.05 (0.96–1.16)
Havering	2002	1.03 (0.94–1.13)
Havering	2003	1.06 (0.96–1.17)
Havering	2004	1.02 (0.92–1.12)
Havering	2005	1.02 (0.92–1.14)
Havering	2006	1.05 (0.94–1.16)
Havering	2007	1.03 (0.94–1.15)
Havering	2008	1.03 (0.93–1.13)
Havering	2009	1.04 (0.94–1.15)
Havering	2010	1.05 (0.96–1.15)
Havering	2011	1.03 (0.93–1.14)
Havering	2012	0.99 (0.89–1.1)
Havering	2013	0.94 (0.84–1.05)
Havering	2014	0.9 (0.8–1.02)
Havering	2015	0.91 (0.8–1.03)
Havering	2016	0.91 (0.8–1.02)
Havering	2017	0.95 (0.79–1.12)
Hillingdon	1950	0.56 (0.47–0.67)
Hillingdon	1951	0.66 (0.54–0.79)
Hillingdon	1952	0.62 (0.51–0.74)
Hillingdon	1953	0.63 (0.52–0.75)
Hillingdon	1954	0.6 (0.5–0.71)
Hillingdon	1955	0.6 (0.51–0.71)
Hillingdon	1956	0.6 (0.5–0.7)
Hillingdon	1957	0.61 (0.51–0.72)
Hillingdon	1958	0.6 (0.51–0.72)
Hillingdon	1959	0.61 (0.51–0.73)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hillingdon	1960	0.63 (0.52–0.74)
Hillingdon	1961	0.64 (0.53–0.77)
Hillingdon	1962	0.67 (0.55–0.8)
Hillingdon	1963	0.68 (0.56–0.81)
Hillingdon	1964	0.67 (0.55–0.8)
Hillingdon	1965	0.66 (0.54–0.79)
Hillingdon	1966	0.69 (0.56–0.82)
Hillingdon	1967	0.68 (0.55–0.82)
Hillingdon	1968	0.72 (0.59–0.86)
Hillingdon	1969	0.74 (0.6–0.89)
Hillingdon	1970	0.78 (0.63–0.93)
Hillingdon	1971	0.81 (0.67–0.97)
Hillingdon	1972	0.83 (0.68–0.98)
Hillingdon	1973	0.84 (0.71–0.98)
Hillingdon	1974	0.86 (0.74–1.01)
Hillingdon	1975	0.88 (0.75–1.02)
Hillingdon	1976	0.86 (0.73–1.0)
Hillingdon	1977	0.89 (0.77–1.02)
Hillingdon	1978	0.95 (0.83–1.08)
Hillingdon	1979	0.98 (0.87–1.11)
Hillingdon	1980	0.97 (0.88–1.08)
Hillingdon	1981	0.94 (0.85–1.03)
Hillingdon	1982	0.95 (0.87–1.04)
Hillingdon	1983	0.93 (0.85–1.02)
Hillingdon	1984	0.93 (0.86–1.01)
Hillingdon	1985	0.97 (0.89–1.05)
Hillingdon	1986	0.99 (0.92–1.08)
Hillingdon	1987	1.04 (0.96–1.12)
Hillingdon	1988	1.06 (0.98–1.14)
Hillingdon	1989	1.04 (0.95–1.13)
Hillingdon	1990	1.02 (0.94–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hillingdon	1991	0.99 (0.9–1.08)
Hillingdon	1992	0.95 (0.86–1.03)
Hillingdon	1993	0.95 (0.86–1.04)
Hillingdon	1994	0.96 (0.88–1.05)
Hillingdon	1995	0.97 (0.88–1.07)
Hillingdon	1996	1.01 (0.91–1.12)
Hillingdon	1997	0.99 (0.9–1.08)
Hillingdon	1998	1.01 (0.92–1.1)
Hillingdon	1999	1.05 (0.96–1.14)
Hillingdon	2000	1.03 (0.93–1.15)
Hillingdon	2001	1.05 (0.96–1.16)
Hillingdon	2002	1.03 (0.94–1.13)
Hillingdon	2003	1.06 (0.96–1.17)
Hillingdon	2004	1.02 (0.92–1.12)
Hillingdon	2005	1.02 (0.92–1.14)
Hillingdon	2006	1.05 (0.94–1.16)
Hillingdon	2007	1.03 (0.94–1.15)
Hillingdon	2008	1.03 (0.93–1.13)
Hillingdon	2009	1.04 (0.94–1.15)
Hillingdon	2010	1.05 (0.96–1.15)
Hillingdon	2011	1.03 (0.93–1.14)
Hillingdon	2012	0.99 (0.89–1.1)
Hillingdon	2013	0.94 (0.84–1.05)
Hillingdon	2014	0.9 (0.8–1.02)
Hillingdon	2015	0.91 (0.8–1.03)
Hillingdon	2016	0.91 (0.8–1.02)
Hillingdon	2017	0.95 (0.79–1.12)
Hounslow	1950	0.57 (0.47–0.67)
Hounslow	1951	0.66 (0.54–0.79)
Hounslow	1952	0.62 (0.51–0.74)
Hounslow	1953	0.63 (0.52–0.75)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hounslow	1954	0.6 (0.5–0.71)
Hounslow	1955	0.6 (0.51–0.71)
Hounslow	1956	0.6 (0.5–0.7)
Hounslow	1957	0.61 (0.51–0.72)
Hounslow	1958	0.6 (0.51–0.72)
Hounslow	1959	0.61 (0.51–0.73)
Hounslow	1960	0.63 (0.52–0.74)
Hounslow	1961	0.64 (0.53–0.77)
Hounslow	1962	0.67 (0.55–0.8)
Hounslow	1963	0.68 (0.56–0.81)
Hounslow	1964	0.67 (0.55–0.8)
Hounslow	1965	0.66 (0.54–0.79)
Hounslow	1966	0.69 (0.56–0.82)
Hounslow	1967	0.68 (0.56–0.82)
Hounslow	1968	0.72 (0.59–0.86)
Hounslow	1969	0.74 (0.6–0.89)
Hounslow	1970	0.78 (0.63–0.93)
Hounslow	1971	0.81 (0.67–0.97)
Hounslow	1972	0.83 (0.68–0.98)
Hounslow	1973	0.84 (0.71–0.98)
Hounslow	1974	0.86 (0.74–1.01)
Hounslow	1975	0.88 (0.75–1.02)
Hounslow	1976	0.86 (0.73–1.0)
Hounslow	1977	0.89 (0.77–1.02)
Hounslow	1978	0.95 (0.83–1.08)
Hounslow	1979	0.98 (0.87–1.11)
Hounslow	1980	0.97 (0.88–1.08)
Hounslow	1981	0.94 (0.85–1.03)
Hounslow	1982	0.95 (0.87–1.04)
Hounslow	1983	0.93 (0.85–1.02)
Hounslow	1984	0.93 (0.86–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hounslow	1985	0.97 (0.89–1.05)
Hounslow	1986	0.99 (0.92–1.08)
Hounslow	1987	1.04 (0.96–1.12)
Hounslow	1988	1.06 (0.98–1.14)
Hounslow	1989	1.04 (0.95–1.13)
Hounslow	1990	1.02 (0.94–1.1)
Hounslow	1991	0.99 (0.9–1.08)
Hounslow	1992	0.95 (0.86–1.03)
Hounslow	1993	0.95 (0.86–1.04)
Hounslow	1994	0.96 (0.88–1.05)
Hounslow	1995	0.97 (0.88–1.07)
Hounslow	1996	1.01 (0.91–1.12)
Hounslow	1997	0.99 (0.9–1.08)
Hounslow	1998	1.01 (0.92–1.1)
Hounslow	1999	1.05 (0.96–1.14)
Hounslow	2000	1.03 (0.93–1.15)
Hounslow	2001	1.05 (0.96–1.16)
Hounslow	2002	1.03 (0.94–1.13)
Hounslow	2003	1.06 (0.96–1.17)
Hounslow	2004	1.02 (0.92–1.12)
Hounslow	2005	1.02 (0.92–1.14)
Hounslow	2006	1.05 (0.94–1.16)
Hounslow	2007	1.03 (0.94–1.15)
Hounslow	2008	1.03 (0.93–1.13)
Hounslow	2009	1.04 (0.94–1.15)
Hounslow	2010	1.05 (0.96–1.15)
Hounslow	2011	1.03 (0.93–1.14)
Hounslow	2012	0.99 (0.89–1.1)
Hounslow	2013	0.94 (0.84–1.05)
Hounslow	2014	0.9 (0.8–1.02)
Hounslow	2015	0.91 (0.8–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hounslow	2016	0.91 (0.8–1.02)
Hounslow	2017	0.95 (0.79–1.12)
Islington	1950	0.57 (0.47–0.68)
Islington	1951	0.66 (0.54–0.79)
Islington	1952	0.62 (0.52–0.74)
Islington	1953	0.63 (0.52–0.75)
Islington	1954	0.6 (0.5–0.71)
Islington	1955	0.6 (0.51–0.71)
Islington	1956	0.6 (0.5–0.7)
Islington	1957	0.61 (0.51–0.72)
Islington	1958	0.6 (0.51–0.72)
Islington	1959	0.61 (0.51–0.73)
Islington	1960	0.63 (0.52–0.75)
Islington	1961	0.64 (0.53–0.77)
Islington	1962	0.67 (0.55–0.8)
Islington	1963	0.68 (0.57–0.81)
Islington	1964	0.67 (0.55–0.8)
Islington	1965	0.66 (0.54–0.79)
Islington	1966	0.69 (0.56–0.82)
Islington	1967	0.68 (0.56–0.82)
Islington	1968	0.72 (0.59–0.86)
Islington	1969	0.74 (0.6–0.89)
Islington	1970	0.78 (0.63–0.94)
Islington	1971	0.81 (0.67–0.97)
Islington	1972	0.83 (0.68–0.98)
Islington	1973	0.84 (0.71–0.98)
Islington	1974	0.86 (0.74–1.01)
Islington	1975	0.88 (0.75–1.02)
Islington	1976	0.86 (0.74–1.0)
Islington	1977	0.89 (0.77–1.02)
Islington	1978	0.95 (0.83–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Islington	1979	0.98 (0.87–1.11)
Islington	1980	0.97 (0.88–1.07)
Islington	1981	0.94 (0.85–1.03)
Islington	1982	0.95 (0.87–1.04)
Islington	1983	0.93 (0.85–1.02)
Islington	1984	0.93 (0.86–1.01)
Islington	1985	0.97 (0.89–1.05)
Islington	1986	0.99 (0.92–1.08)
Islington	1987	1.04 (0.96–1.12)
Islington	1988	1.06 (0.98–1.14)
Islington	1989	1.04 (0.95–1.13)
Islington	1990	1.02 (0.94–1.1)
Islington	1991	0.99 (0.9–1.08)
Islington	1992	0.95 (0.86–1.03)
Islington	1993	0.95 (0.86–1.04)
Islington	1994	0.96 (0.88–1.05)
Islington	1995	0.97 (0.88–1.07)
Islington	1996	1.01 (0.91–1.12)
Islington	1997	0.99 (0.9–1.08)
Islington	1998	1.01 (0.92–1.1)
Islington	1999	1.05 (0.96–1.14)
Islington	2000	1.03 (0.93–1.15)
Islington	2001	1.05 (0.96–1.16)
Islington	2002	1.03 (0.94–1.13)
Islington	2003	1.06 (0.96–1.17)
Islington	2004	1.02 (0.92–1.12)
Islington	2005	1.02 (0.92–1.14)
Islington	2006	1.05 (0.94–1.16)
Islington	2007	1.03 (0.94–1.15)
Islington	2008	1.03 (0.93–1.13)
Islington	2009	1.04 (0.94–1.15)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Islington	2010	1.05 (0.96–1.15)
Islington	2011	1.03 (0.93–1.14)
Islington	2012	0.99 (0.89–1.1)
Islington	2013	0.94 (0.84–1.05)
Islington	2014	0.9 (0.8–1.02)
Islington	2015	0.91 (0.8–1.03)
Islington	2016	0.91 (0.8–1.02)
Islington	2017	0.95 (0.79–1.12)
Kensington and Chelsea	1950	0.57 (0.47–0.68)
Kensington and Chelsea	1951	0.66 (0.54–0.79)
Kensington and Chelsea	1952	0.62 (0.52–0.74)
Kensington and Chelsea	1953	0.63 (0.52–0.75)
Kensington and Chelsea	1954	0.6 (0.5–0.71)
Kensington and Chelsea	1955	0.6 (0.51–0.71)
Kensington and Chelsea	1956	0.6 (0.5–0.7)
Kensington and Chelsea	1957	0.61 (0.51–0.72)
Kensington and Chelsea	1958	0.6 (0.51–0.72)
Kensington and Chelsea	1959	0.61 (0.51–0.73)
Kensington and Chelsea	1960	0.63 (0.52–0.74)
Kensington and Chelsea	1961	0.64 (0.53–0.77)
Kensington and Chelsea	1962	0.67 (0.55–0.8)
Kensington and Chelsea	1963	0.68 (0.56–0.81)
Kensington and Chelsea	1964	0.67 (0.55–0.8)
Kensington and Chelsea	1965	0.66 (0.54–0.79)
Kensington and Chelsea	1966	0.69 (0.56–0.82)
Kensington and Chelsea	1967	0.68 (0.56–0.82)
Kensington and Chelsea	1968	0.72 (0.59–0.86)
Kensington and Chelsea	1969	0.74 (0.6–0.89)
Kensington and Chelsea	1970	0.78 (0.63–0.93)
Kensington and Chelsea	1971	0.81 (0.67–0.97)
Kensington and Chelsea	1972	0.83 (0.68–0.98)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kensington and Chelsea	1973	0.84 (0.71–0.98)
Kensington and Chelsea	1974	0.86 (0.74–1.01)
Kensington and Chelsea	1975	0.88 (0.75–1.02)
Kensington and Chelsea	1976	0.86 (0.74–1.0)
Kensington and Chelsea	1977	0.89 (0.77–1.02)
Kensington and Chelsea	1978	0.95 (0.83–1.08)
Kensington and Chelsea	1979	0.98 (0.87–1.11)
Kensington and Chelsea	1980	0.97 (0.88–1.08)
Kensington and Chelsea	1981	0.94 (0.85–1.03)
Kensington and Chelsea	1982	0.95 (0.87–1.04)
Kensington and Chelsea	1983	0.93 (0.85–1.02)
Kensington and Chelsea	1984	0.93 (0.86–1.01)
Kensington and Chelsea	1985	0.97 (0.89–1.05)
Kensington and Chelsea	1986	0.99 (0.92–1.08)
Kensington and Chelsea	1987	1.04 (0.96–1.12)
Kensington and Chelsea	1988	1.06 (0.98–1.14)
Kensington and Chelsea	1989	1.04 (0.95–1.13)
Kensington and Chelsea	1990	1.02 (0.94–1.1)
Kensington and Chelsea	1991	0.99 (0.9–1.08)
Kensington and Chelsea	1992	0.95 (0.86–1.03)
Kensington and Chelsea	1993	0.95 (0.86–1.04)
Kensington and Chelsea	1994	0.96 (0.88–1.05)
Kensington and Chelsea	1995	0.97 (0.88–1.07)
Kensington and Chelsea	1996	1.01 (0.91–1.12)
Kensington and Chelsea	1997	0.99 (0.9–1.08)
Kensington and Chelsea	1998	1.01 (0.92–1.1)
Kensington and Chelsea	1999	1.05 (0.96–1.14)
Kensington and Chelsea	2000	1.03 (0.93–1.15)
Kensington and Chelsea	2001	1.05 (0.96–1.16)
Kensington and Chelsea	2002	1.03 (0.94–1.13)
Kensington and Chelsea	2003	1.06 (0.96–1.17)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kensington and Chelsea	2004	1.02 (0.92–1.12)
Kensington and Chelsea	2005	1.02 (0.92–1.14)
Kensington and Chelsea	2006	1.05 (0.94–1.16)
Kensington and Chelsea	2007	1.03 (0.94–1.15)
Kensington and Chelsea	2008	1.03 (0.93–1.13)
Kensington and Chelsea	2009	1.04 (0.94–1.15)
Kensington and Chelsea	2010	1.05 (0.96–1.15)
Kensington and Chelsea	2011	1.03 (0.93–1.14)
Kensington and Chelsea	2012	0.99 (0.89–1.1)
Kensington and Chelsea	2013	0.94 (0.84–1.05)
Kensington and Chelsea	2014	0.9 (0.8–1.02)
Kensington and Chelsea	2015	0.91 (0.8–1.03)
Kensington and Chelsea	2016	0.91 (0.8–1.02)
Kensington and Chelsea	2017	0.95 (0.79–1.12)
Kingston upon Thames	1950	0.56 (0.47–0.67)
Kingston upon Thames	1951	0.66 (0.54–0.79)
Kingston upon Thames	1952	0.62 (0.51–0.74)
Kingston upon Thames	1953	0.63 (0.52–0.75)
Kingston upon Thames	1954	0.6 (0.49–0.71)
Kingston upon Thames	1955	0.6 (0.51–0.71)
Kingston upon Thames	1956	0.6 (0.5–0.7)
Kingston upon Thames	1957	0.61 (0.51–0.72)
Kingston upon Thames	1958	0.6 (0.51–0.72)
Kingston upon Thames	1959	0.61 (0.51–0.73)
Kingston upon Thames	1960	0.62 (0.52–0.74)
Kingston upon Thames	1961	0.64 (0.53–0.77)
Kingston upon Thames	1962	0.67 (0.55–0.8)
Kingston upon Thames	1963	0.68 (0.56–0.81)
Kingston upon Thames	1964	0.67 (0.55–0.8)
Kingston upon Thames	1965	0.66 (0.54–0.79)
Kingston upon Thames	1966	0.69 (0.56–0.82)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kingston upon Thames	1967	0.68 (0.55–0.82)
Kingston upon Thames	1968	0.72 (0.59–0.86)
Kingston upon Thames	1969	0.74 (0.6–0.89)
Kingston upon Thames	1970	0.78 (0.63–0.93)
Kingston upon Thames	1971	0.81 (0.67–0.97)
Kingston upon Thames	1972	0.83 (0.68–0.98)
Kingston upon Thames	1973	0.84 (0.71–0.98)
Kingston upon Thames	1974	0.86 (0.73–1.01)
Kingston upon Thames	1975	0.88 (0.75–1.02)
Kingston upon Thames	1976	0.86 (0.73–1.0)
Kingston upon Thames	1977	0.89 (0.77–1.02)
Kingston upon Thames	1978	0.95 (0.83–1.08)
Kingston upon Thames	1979	0.98 (0.87–1.11)
Kingston upon Thames	1980	0.97 (0.88–1.08)
Kingston upon Thames	1981	0.94 (0.85–1.03)
Kingston upon Thames	1982	0.95 (0.87–1.04)
Kingston upon Thames	1983	0.93 (0.85–1.02)
Kingston upon Thames	1984	0.93 (0.86–1.01)
Kingston upon Thames	1985	0.97 (0.89–1.05)
Kingston upon Thames	1986	0.99 (0.92–1.08)
Kingston upon Thames	1987	1.04 (0.96–1.12)
Kingston upon Thames	1988	1.06 (0.98–1.14)
Kingston upon Thames	1989	1.04 (0.95–1.13)
Kingston upon Thames	1990	1.02 (0.94–1.1)
Kingston upon Thames	1991	0.99 (0.9–1.08)
Kingston upon Thames	1992	0.95 (0.86–1.03)
Kingston upon Thames	1993	0.95 (0.86–1.04)
Kingston upon Thames	1994	0.96 (0.88–1.05)
Kingston upon Thames	1995	0.97 (0.88–1.07)
Kingston upon Thames	1996	1.01 (0.91–1.12)
Kingston upon Thames	1997	0.99 (0.9–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kingston upon Thames	1998	1.01 (0.92–1.1)
Kingston upon Thames	1999	1.05 (0.96–1.14)
Kingston upon Thames	2000	1.03 (0.93–1.15)
Kingston upon Thames	2001	1.05 (0.96–1.16)
Kingston upon Thames	2002	1.03 (0.94–1.13)
Kingston upon Thames	2003	1.06 (0.96–1.17)
Kingston upon Thames	2004	1.02 (0.92–1.12)
Kingston upon Thames	2005	1.02 (0.92–1.14)
Kingston upon Thames	2006	1.05 (0.94–1.16)
Kingston upon Thames	2007	1.03 (0.94–1.15)
Kingston upon Thames	2008	1.03 (0.93–1.13)
Kingston upon Thames	2009	1.04 (0.94–1.15)
Kingston upon Thames	2010	1.05 (0.96–1.15)
Kingston upon Thames	2011	1.03 (0.93–1.14)
Kingston upon Thames	2012	0.99 (0.89–1.1)
Kingston upon Thames	2013	0.94 (0.84–1.05)
Kingston upon Thames	2014	0.9 (0.8–1.02)
Kingston upon Thames	2015	0.91 (0.8–1.03)
Kingston upon Thames	2016	0.91 (0.8–1.02)
Kingston upon Thames	2017	0.95 (0.79–1.12)
Lambeth	1950	0.57 (0.47–0.68)
Lambeth	1951	0.66 (0.55–0.79)
Lambeth	1952	0.62 (0.52–0.74)
Lambeth	1953	0.63 (0.52–0.75)
Lambeth	1954	0.6 (0.5–0.71)
Lambeth	1955	0.6 (0.51–0.71)
Lambeth	1956	0.6 (0.5–0.7)
Lambeth	1957	0.61 (0.51–0.72)
Lambeth	1958	0.61 (0.51–0.72)
Lambeth	1959	0.61 (0.51–0.73)
Lambeth	1960	0.63 (0.52–0.75)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Lambeth	1961	0.64 (0.53–0.77)
Lambeth	1962	0.67 (0.55–0.8)
Lambeth	1963	0.68 (0.57–0.81)
Lambeth	1964	0.67 (0.55–0.8)
Lambeth	1965	0.66 (0.54–0.79)
Lambeth	1966	0.69 (0.56–0.82)
Lambeth	1967	0.68 (0.56–0.82)
Lambeth	1968	0.72 (0.59–0.86)
Lambeth	1969	0.74 (0.6–0.89)
Lambeth	1970	0.78 (0.63–0.94)
Lambeth	1971	0.81 (0.67–0.97)
Lambeth	1972	0.83 (0.68–0.98)
Lambeth	1973	0.84 (0.71–0.98)
Lambeth	1974	0.86 (0.74–1.01)
Lambeth	1975	0.88 (0.75–1.02)
Lambeth	1976	0.86 (0.74–1.0)
Lambeth	1977	0.89 (0.77–1.02)
Lambeth	1978	0.95 (0.83–1.08)
Lambeth	1979	0.98 (0.87–1.11)
Lambeth	1980	0.97 (0.88–1.07)
Lambeth	1981	0.94 (0.85–1.03)
Lambeth	1982	0.95 (0.87–1.04)
Lambeth	1983	0.93 (0.85–1.02)
Lambeth	1984	0.93 (0.86–1.01)
Lambeth	1985	0.97 (0.89–1.05)
Lambeth	1986	0.99 (0.92–1.08)
Lambeth	1987	1.04 (0.96–1.11)
Lambeth	1988	1.06 (0.98–1.14)
Lambeth	1989	1.04 (0.95–1.13)
Lambeth	1990	1.02 (0.94–1.1)
Lambeth	1991	0.99 (0.9–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Lambeth	1992	0.95 (0.86–1.03)
Lambeth	1993	0.95 (0.86–1.04)
Lambeth	1994	0.96 (0.88–1.05)
Lambeth	1995	0.97 (0.88–1.07)
Lambeth	1996	1.01 (0.91–1.12)
Lambeth	1997	0.99 (0.9–1.08)
Lambeth	1998	1.01 (0.92–1.1)
Lambeth	1999	1.05 (0.96–1.14)
Lambeth	2000	1.03 (0.93–1.15)
Lambeth	2001	1.05 (0.96–1.16)
Lambeth	2002	1.03 (0.94–1.13)
Lambeth	2003	1.06 (0.96–1.17)
Lambeth	2004	1.02 (0.92–1.12)
Lambeth	2005	1.02 (0.92–1.14)
Lambeth	2006	1.05 (0.94–1.16)
Lambeth	2007	1.03 (0.94–1.15)
Lambeth	2008	1.03 (0.93–1.13)
Lambeth	2009	1.04 (0.94–1.15)
Lambeth	2010	1.05 (0.96–1.15)
Lambeth	2011	1.03 (0.93–1.14)
Lambeth	2012	0.99 (0.89–1.1)
Lambeth	2013	0.94 (0.84–1.05)
Lambeth	2014	0.9 (0.8–1.02)
Lambeth	2015	0.91 (0.8–1.03)
Lambeth	2016	0.91 (0.8–1.02)
Lambeth	2017	0.95 (0.79–1.12)
Lewisham	1950	0.57 (0.47–0.68)
Lewisham	1951	0.66 (0.54–0.79)
Lewisham	1952	0.62 (0.52–0.74)
Lewisham	1953	0.63 (0.52–0.75)
Lewisham	1954	0.6 (0.5–0.71)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Lewisham	1955	0.6 (0.51–0.71)
Lewisham	1956	0.6 (0.5–0.7)
Lewisham	1957	0.61 (0.51–0.72)
Lewisham	1958	0.61 (0.51–0.72)
Lewisham	1959	0.61 (0.51–0.73)
Lewisham	1960	0.63 (0.52–0.75)
Lewisham	1961	0.64 (0.53–0.77)
Lewisham	1962	0.67 (0.55–0.8)
Lewisham	1963	0.68 (0.57–0.81)
Lewisham	1964	0.67 (0.55–0.8)
Lewisham	1965	0.66 (0.54–0.79)
Lewisham	1966	0.69 (0.56–0.82)
Lewisham	1967	0.68 (0.56–0.82)
Lewisham	1968	0.72 (0.59–0.86)
Lewisham	1969	0.74 (0.6–0.89)
Lewisham	1970	0.78 (0.63–0.94)
Lewisham	1971	0.81 (0.67–0.97)
Lewisham	1972	0.83 (0.68–0.98)
Lewisham	1973	0.84 (0.71–0.98)
Lewisham	1974	0.86 (0.74–1.01)
Lewisham	1975	0.88 (0.75–1.02)
Lewisham	1976	0.86 (0.74–1.0)
Lewisham	1977	0.89 (0.77–1.02)
Lewisham	1978	0.95 (0.83–1.08)
Lewisham	1979	0.98 (0.87–1.11)
Lewisham	1980	0.97 (0.88–1.08)
Lewisham	1981	0.94 (0.85–1.03)
Lewisham	1982	0.95 (0.87–1.04)
Lewisham	1983	0.93 (0.85–1.02)
Lewisham	1984	0.93 (0.86–1.01)
Lewisham	1985	0.97 (0.89–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Lewisham	1986	0.99 (0.92–1.08)
Lewisham	1987	1.04 (0.96–1.12)
Lewisham	1988	1.06 (0.98–1.14)
Lewisham	1989	1.04 (0.95–1.13)
Lewisham	1990	1.02 (0.94–1.1)
Lewisham	1991	0.99 (0.9–1.08)
Lewisham	1992	0.95 (0.86–1.03)
Lewisham	1993	0.95 (0.86–1.04)
Lewisham	1994	0.96 (0.88–1.05)
Lewisham	1995	0.97 (0.88–1.07)
Lewisham	1996	1.01 (0.91–1.12)
Lewisham	1997	0.99 (0.9–1.08)
Lewisham	1998	1.01 (0.92–1.1)
Lewisham	1999	1.05 (0.96–1.14)
Lewisham	2000	1.03 (0.93–1.15)
Lewisham	2001	1.05 (0.96–1.16)
Lewisham	2002	1.03 (0.94–1.13)
Lewisham	2003	1.06 (0.96–1.17)
Lewisham	2004	1.02 (0.92–1.12)
Lewisham	2005	1.02 (0.92–1.14)
Lewisham	2006	1.05 (0.94–1.16)
Lewisham	2007	1.03 (0.94–1.15)
Lewisham	2008	1.03 (0.93–1.13)
Lewisham	2009	1.04 (0.94–1.15)
Lewisham	2010	1.05 (0.96–1.15)
Lewisham	2011	1.03 (0.93–1.14)
Lewisham	2012	0.99 (0.89–1.1)
Lewisham	2013	0.94 (0.84–1.05)
Lewisham	2014	0.9 (0.8–1.02)
Lewisham	2015	0.91 (0.8–1.03)
Lewisham	2016	0.91 (0.8–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Lewisham	2017	0.95 (0.79–1.12)
Merton	1950	0.57 (0.47–0.67)
Merton	1951	0.66 (0.54–0.79)
Merton	1952	0.62 (0.51–0.74)
Merton	1953	0.63 (0.52–0.75)
Merton	1954	0.6 (0.5–0.71)
Merton	1955	0.6 (0.51–0.71)
Merton	1956	0.6 (0.5–0.7)
Merton	1957	0.61 (0.51–0.72)
Merton	1958	0.6 (0.51–0.72)
Merton	1959	0.61 (0.51–0.73)
Merton	1960	0.63 (0.52–0.74)
Merton	1961	0.64 (0.53–0.77)
Merton	1962	0.67 (0.55–0.8)
Merton	1963	0.68 (0.56–0.81)
Merton	1964	0.67 (0.55–0.8)
Merton	1965	0.66 (0.54–0.79)
Merton	1966	0.69 (0.56–0.82)
Merton	1967	0.68 (0.56–0.82)
Merton	1968	0.72 (0.59–0.86)
Merton	1969	0.74 (0.6–0.89)
Merton	1970	0.78 (0.63–0.93)
Merton	1971	0.81 (0.67–0.97)
Merton	1972	0.83 (0.68–0.98)
Merton	1973	0.84 (0.71–0.98)
Merton	1974	0.86 (0.74–1.01)
Merton	1975	0.88 (0.75–1.02)
Merton	1976	0.86 (0.73–1.0)
Merton	1977	0.89 (0.77–1.02)
Merton	1978	0.95 (0.83–1.08)
Merton	1979	0.98 (0.87–1.11)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Merton	1980	0.97 (0.88–1.08)
Merton	1981	0.94 (0.85–1.03)
Merton	1982	0.95 (0.87–1.04)
Merton	1983	0.93 (0.85–1.02)
Merton	1984	0.93 (0.86–1.01)
Merton	1985	0.97 (0.89–1.05)
Merton	1986	0.99 (0.92–1.08)
Merton	1987	1.04 (0.96–1.12)
Merton	1988	1.06 (0.98–1.14)
Merton	1989	1.04 (0.95–1.13)
Merton	1990	1.02 (0.94–1.1)
Merton	1991	0.99 (0.9–1.08)
Merton	1992	0.95 (0.86–1.03)
Merton	1993	0.95 (0.86–1.04)
Merton	1994	0.96 (0.88–1.05)
Merton	1995	0.97 (0.88–1.07)
Merton	1996	1.01 (0.91–1.12)
Merton	1997	0.99 (0.9–1.08)
Merton	1998	1.01 (0.92–1.1)
Merton	1999	1.05 (0.96–1.14)
Merton	2000	1.03 (0.93–1.15)
Merton	2001	1.05 (0.96–1.16)
Merton	2002	1.03 (0.94–1.13)
Merton	2003	1.06 (0.96–1.17)
Merton	2004	1.02 (0.92–1.12)
Merton	2005	1.02 (0.92–1.14)
Merton	2006	1.05 (0.94–1.16)
Merton	2007	1.03 (0.94–1.15)
Merton	2008	1.03 (0.93–1.13)
Merton	2009	1.04 (0.94–1.15)
Merton	2010	1.05 (0.96–1.15)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Merton	2011	1.03 (0.93–1.14)
Merton	2012	0.99 (0.89–1.1)
Merton	2013	0.94 (0.84–1.05)
Merton	2014	0.9 (0.8–1.02)
Merton	2015	0.91 (0.8–1.03)
Merton	2016	0.91 (0.8–1.02)
Merton	2017	0.95 (0.79–1.12)
Newham	1950	0.57 (0.47–0.68)
Newham	1951	0.66 (0.54–0.79)
Newham	1952	0.62 (0.52–0.74)
Newham	1953	0.63 (0.52–0.75)
Newham	1954	0.6 (0.5–0.71)
Newham	1955	0.6 (0.51–0.71)
Newham	1956	0.6 (0.5–0.7)
Newham	1957	0.61 (0.51–0.72)
Newham	1958	0.61 (0.51–0.72)
Newham	1959	0.61 (0.51–0.73)
Newham	1960	0.63 (0.52–0.75)
Newham	1961	0.64 (0.53–0.77)
Newham	1962	0.67 (0.55–0.8)
Newham	1963	0.68 (0.57–0.81)
Newham	1964	0.67 (0.55–0.8)
Newham	1965	0.66 (0.54–0.79)
Newham	1966	0.69 (0.56–0.82)
Newham	1967	0.68 (0.56–0.82)
Newham	1968	0.72 (0.59–0.86)
Newham	1969	0.74 (0.6–0.89)
Newham	1970	0.78 (0.63–0.94)
Newham	1971	0.81 (0.67–0.97)
Newham	1972	0.83 (0.68–0.98)
Newham	1973	0.84 (0.71–0.98)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Newham	1974	0.86 (0.74–1.01)
Newham	1975	0.88 (0.75–1.02)
Newham	1976	0.86 (0.74–1.0)
Newham	1977	0.89 (0.77–1.02)
Newham	1978	0.95 (0.83–1.08)
Newham	1979	0.98 (0.87–1.11)
Newham	1980	0.97 (0.88–1.08)
Newham	1981	0.94 (0.85–1.03)
Newham	1982	0.95 (0.87–1.04)
Newham	1983	0.93 (0.85–1.02)
Newham	1984	0.93 (0.86–1.01)
Newham	1985	0.97 (0.89–1.05)
Newham	1986	0.99 (0.92–1.08)
Newham	1987	1.04 (0.96–1.12)
Newham	1988	1.06 (0.98–1.14)
Newham	1989	1.04 (0.95–1.13)
Newham	1990	1.02 (0.94–1.1)
Newham	1991	0.99 (0.9–1.08)
Newham	1992	0.95 (0.86–1.03)
Newham	1993	0.95 (0.86–1.04)
Newham	1994	0.96 (0.88–1.05)
Newham	1995	0.97 (0.88–1.07)
Newham	1996	1.01 (0.91–1.12)
Newham	1997	0.99 (0.9–1.08)
Newham	1998	1.01 (0.92–1.1)
Newham	1999	1.05 (0.96–1.14)
Newham	2000	1.03 (0.93–1.15)
Newham	2001	1.05 (0.96–1.16)
Newham	2002	1.03 (0.94–1.13)
Newham	2003	1.06 (0.96–1.17)
Newham	2004	1.02 (0.92–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Newham	2005	1.02 (0.92–1.14)
Newham	2006	1.05 (0.94–1.16)
Newham	2007	1.03 (0.94–1.15)
Newham	2008	1.03 (0.93–1.13)
Newham	2009	1.04 (0.94–1.15)
Newham	2010	1.05 (0.96–1.15)
Newham	2011	1.03 (0.93–1.14)
Newham	2012	0.99 (0.89–1.1)
Newham	2013	0.94 (0.84–1.05)
Newham	2014	0.9 (0.8–1.02)
Newham	2015	0.91 (0.8–1.03)
Newham	2016	0.91 (0.8–1.02)
Newham	2017	0.95 (0.79–1.12)
Redbridge	1950	0.56 (0.47–0.67)
Redbridge	1951	0.66 (0.54–0.79)
Redbridge	1952	0.62 (0.51–0.74)
Redbridge	1953	0.63 (0.52–0.75)
Redbridge	1954	0.6 (0.49–0.71)
Redbridge	1955	0.6 (0.51–0.71)
Redbridge	1956	0.6 (0.5–0.7)
Redbridge	1957	0.61 (0.51–0.72)
Redbridge	1958	0.6 (0.51–0.72)
Redbridge	1959	0.61 (0.51–0.73)
Redbridge	1960	0.63 (0.52–0.74)
Redbridge	1961	0.64 (0.53–0.77)
Redbridge	1962	0.67 (0.55–0.8)
Redbridge	1963	0.68 (0.56–0.81)
Redbridge	1964	0.67 (0.55–0.8)
Redbridge	1965	0.66 (0.54–0.79)
Redbridge	1966	0.69 (0.56–0.82)
Redbridge	1967	0.68 (0.55–0.82)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Redbridge	1968	0.72 (0.59–0.86)
Redbridge	1969	0.74 (0.6–0.89)
Redbridge	1970	0.78 (0.63–0.93)
Redbridge	1971	0.81 (0.67–0.97)
Redbridge	1972	0.83 (0.68–0.98)
Redbridge	1973	0.84 (0.71–0.98)
Redbridge	1974	0.86 (0.73–1.01)
Redbridge	1975	0.88 (0.75–1.02)
Redbridge	1976	0.86 (0.73–1.0)
Redbridge	1977	0.89 (0.77–1.02)
Redbridge	1978	0.95 (0.83–1.08)
Redbridge	1979	0.98 (0.87–1.11)
Redbridge	1980	0.97 (0.88–1.08)
Redbridge	1981	0.94 (0.85–1.03)
Redbridge	1982	0.95 (0.87–1.04)
Redbridge	1983	0.93 (0.85–1.02)
Redbridge	1984	0.93 (0.86–1.01)
Redbridge	1985	0.97 (0.89–1.05)
Redbridge	1986	0.99 (0.92–1.08)
Redbridge	1987	1.04 (0.96–1.12)
Redbridge	1988	1.06 (0.98–1.14)
Redbridge	1989	1.04 (0.95–1.13)
Redbridge	1990	1.02 (0.94–1.1)
Redbridge	1991	0.99 (0.9–1.08)
Redbridge	1992	0.95 (0.86–1.03)
Redbridge	1993	0.95 (0.86–1.04)
Redbridge	1994	0.96 (0.88–1.05)
Redbridge	1995	0.97 (0.88–1.07)
Redbridge	1996	1.01 (0.91–1.12)
Redbridge	1997	0.99 (0.9–1.08)
Redbridge	1998	1.01 (0.92–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Redbridge	1999	1.05 (0.96–1.14)
Redbridge	2000	1.03 (0.93–1.15)
Redbridge	2001	1.05 (0.96–1.16)
Redbridge	2002	1.03 (0.94–1.13)
Redbridge	2003	1.06 (0.96–1.17)
Redbridge	2004	1.02 (0.92–1.12)
Redbridge	2005	1.02 (0.92–1.14)
Redbridge	2006	1.05 (0.94–1.16)
Redbridge	2007	1.03 (0.94–1.15)
Redbridge	2008	1.03 (0.93–1.13)
Redbridge	2009	1.04 (0.94–1.15)
Redbridge	2010	1.05 (0.96–1.15)
Redbridge	2011	1.03 (0.93–1.14)
Redbridge	2012	0.99 (0.89–1.1)
Redbridge	2013	0.94 (0.84–1.05)
Redbridge	2014	0.9 (0.8–1.02)
Redbridge	2015	0.91 (0.8–1.03)
Redbridge	2016	0.91 (0.8–1.02)
Redbridge	2017	0.95 (0.79–1.12)
Richmond upon Thames	1950	0.56 (0.47–0.67)
Richmond upon Thames	1951	0.66 (0.54–0.79)
Richmond upon Thames	1952	0.62 (0.51–0.74)
Richmond upon Thames	1953	0.63 (0.52–0.75)
Richmond upon Thames	1954	0.6 (0.49–0.71)
Richmond upon Thames	1955	0.6 (0.51–0.71)
Richmond upon Thames	1956	0.6 (0.5–0.7)
Richmond upon Thames	1957	0.61 (0.51–0.72)
Richmond upon Thames	1958	0.6 (0.51–0.72)
Richmond upon Thames	1959	0.61 (0.51–0.73)
Richmond upon Thames	1960	0.63 (0.52–0.74)
Richmond upon Thames	1961	0.64 (0.53–0.77)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Richmond upon Thames	1962	0.67 (0.55–0.8)
Richmond upon Thames	1963	0.68 (0.56–0.81)
Richmond upon Thames	1964	0.67 (0.55–0.8)
Richmond upon Thames	1965	0.66 (0.54–0.79)
Richmond upon Thames	1966	0.69 (0.56–0.82)
Richmond upon Thames	1967	0.68 (0.55–0.82)
Richmond upon Thames	1968	0.72 (0.59–0.86)
Richmond upon Thames	1969	0.74 (0.6–0.89)
Richmond upon Thames	1970	0.78 (0.63–0.93)
Richmond upon Thames	1971	0.81 (0.67–0.97)
Richmond upon Thames	1972	0.83 (0.68–0.98)
Richmond upon Thames	1973	0.84 (0.71–0.98)
Richmond upon Thames	1974	0.86 (0.74–1.01)
Richmond upon Thames	1975	0.88 (0.75–1.02)
Richmond upon Thames	1976	0.86 (0.73–1.0)
Richmond upon Thames	1977	0.89 (0.77–1.02)
Richmond upon Thames	1978	0.95 (0.83–1.08)
Richmond upon Thames	1979	0.98 (0.87–1.11)
Richmond upon Thames	1980	0.97 (0.88–1.08)
Richmond upon Thames	1981	0.94 (0.85–1.03)
Richmond upon Thames	1982	0.95 (0.87–1.04)
Richmond upon Thames	1983	0.93 (0.85–1.02)
Richmond upon Thames	1984	0.93 (0.86–1.01)
Richmond upon Thames	1985	0.97 (0.89–1.05)
Richmond upon Thames	1986	0.99 (0.92–1.08)
Richmond upon Thames	1987	1.04 (0.96–1.12)
Richmond upon Thames	1988	1.06 (0.98–1.14)
Richmond upon Thames	1989	1.04 (0.95–1.13)
Richmond upon Thames	1990	1.02 (0.94–1.1)
Richmond upon Thames	1991	0.99 (0.9–1.08)
Richmond upon Thames	1992	0.95 (0.86–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Richmond upon Thames	1993	0.95 (0.86–1.04)
Richmond upon Thames	1994	0.96 (0.88–1.05)
Richmond upon Thames	1995	0.97 (0.88–1.07)
Richmond upon Thames	1996	1.01 (0.91–1.12)
Richmond upon Thames	1997	0.99 (0.9–1.08)
Richmond upon Thames	1998	1.01 (0.92–1.1)
Richmond upon Thames	1999	1.05 (0.96–1.14)
Richmond upon Thames	2000	1.03 (0.93–1.15)
Richmond upon Thames	2001	1.05 (0.96–1.16)
Richmond upon Thames	2002	1.03 (0.94–1.13)
Richmond upon Thames	2003	1.06 (0.96–1.17)
Richmond upon Thames	2004	1.02 (0.92–1.12)
Richmond upon Thames	2005	1.02 (0.92–1.14)
Richmond upon Thames	2006	1.05 (0.94–1.16)
Richmond upon Thames	2007	1.03 (0.94–1.15)
Richmond upon Thames	2008	1.03 (0.93–1.13)
Richmond upon Thames	2009	1.04 (0.94–1.15)
Richmond upon Thames	2010	1.05 (0.96–1.15)
Richmond upon Thames	2011	1.03 (0.93–1.14)
Richmond upon Thames	2012	0.99 (0.89–1.1)
Richmond upon Thames	2013	0.94 (0.84–1.05)
Richmond upon Thames	2014	0.9 (0.8–1.02)
Richmond upon Thames	2015	0.91 (0.8–1.03)
Richmond upon Thames	2016	0.91 (0.8–1.02)
Richmond upon Thames	2017	0.95 (0.79–1.12)
Southwark	1950	0.57 (0.47–0.67)
Southwark	1951	0.66 (0.54–0.79)
Southwark	1952	0.62 (0.51–0.74)
Southwark	1953	0.63 (0.52–0.75)
Southwark	1954	0.6 (0.5–0.71)
Southwark	1955	0.6 (0.51–0.71)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Southwark	1956	0.6 (0.5–0.7)
Southwark	1957	0.61 (0.51–0.72)
Southwark	1958	0.6 (0.51–0.72)
Southwark	1959	0.61 (0.51–0.73)
Southwark	1960	0.63 (0.52–0.74)
Southwark	1961	0.64 (0.53–0.77)
Southwark	1962	0.67 (0.55–0.8)
Southwark	1963	0.68 (0.56–0.81)
Southwark	1964	0.67 (0.55–0.8)
Southwark	1965	0.66 (0.54–0.79)
Southwark	1966	0.69 (0.56–0.82)
Southwark	1967	0.68 (0.56–0.82)
Southwark	1968	0.72 (0.59–0.86)
Southwark	1969	0.74 (0.6–0.89)
Southwark	1970	0.78 (0.63–0.94)
Southwark	1971	0.81 (0.67–0.97)
Southwark	1972	0.83 (0.68–0.98)
Southwark	1973	0.84 (0.71–0.98)
Southwark	1974	0.86 (0.74–1.01)
Southwark	1975	0.88 (0.75–1.02)
Southwark	1976	0.86 (0.73–1.0)
Southwark	1977	0.89 (0.77–1.02)
Southwark	1978	0.95 (0.83–1.08)
Southwark	1979	0.98 (0.87–1.11)
Southwark	1980	0.97 (0.88–1.08)
Southwark	1981	0.94 (0.85–1.03)
Southwark	1982	0.95 (0.87–1.04)
Southwark	1983	0.93 (0.85–1.02)
Southwark	1984	0.93 (0.86–1.01)
Southwark	1985	0.97 (0.89–1.05)
Southwark	1986	0.99 (0.92–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Southwark	1987	1.04 (0.96–1.11)
Southwark	1988	1.06 (0.98–1.14)
Southwark	1989	1.04 (0.95–1.13)
Southwark	1990	1.02 (0.94–1.1)
Southwark	1991	0.99 (0.9–1.08)
Southwark	1992	0.95 (0.86–1.03)
Southwark	1993	0.95 (0.86–1.04)
Southwark	1994	0.96 (0.88–1.05)
Southwark	1995	0.97 (0.88–1.07)
Southwark	1996	1.01 (0.91–1.12)
Southwark	1997	0.99 (0.9–1.08)
Southwark	1998	1.01 (0.92–1.1)
Southwark	1999	1.05 (0.96–1.14)
Southwark	2000	1.03 (0.93–1.15)
Southwark	2001	1.05 (0.96–1.16)
Southwark	2002	1.03 (0.94–1.13)
Southwark	2003	1.06 (0.96–1.17)
Southwark	2004	1.02 (0.92–1.12)
Southwark	2005	1.02 (0.92–1.14)
Southwark	2006	1.05 (0.94–1.16)
Southwark	2007	1.03 (0.94–1.15)
Southwark	2008	1.03 (0.93–1.13)
Southwark	2009	1.04 (0.94–1.15)
Southwark	2010	1.05 (0.96–1.15)
Southwark	2011	1.03 (0.93–1.14)
Southwark	2012	0.99 (0.89–1.1)
Southwark	2013	0.94 (0.84–1.05)
Southwark	2014	0.9 (0.8–1.02)
Southwark	2015	0.91 (0.8–1.03)
Southwark	2016	0.91 (0.8–1.02)
Southwark	2017	0.95 (0.79–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sutton	1950	0.57 (0.47–0.67)
Sutton	1951	0.66 (0.54–0.79)
Sutton	1952	0.62 (0.51–0.74)
Sutton	1953	0.63 (0.52–0.75)
Sutton	1954	0.6 (0.5–0.71)
Sutton	1955	0.6 (0.51–0.71)
Sutton	1956	0.6 (0.5–0.7)
Sutton	1957	0.61 (0.51–0.72)
Sutton	1958	0.6 (0.51–0.72)
Sutton	1959	0.61 (0.51–0.73)
Sutton	1960	0.63 (0.52–0.74)
Sutton	1961	0.64 (0.53–0.77)
Sutton	1962	0.67 (0.55–0.8)
Sutton	1963	0.68 (0.56–0.81)
Sutton	1964	0.67 (0.55–0.8)
Sutton	1965	0.66 (0.54–0.79)
Sutton	1966	0.69 (0.56–0.82)
Sutton	1967	0.68 (0.55–0.82)
Sutton	1968	0.72 (0.59–0.86)
Sutton	1969	0.74 (0.6–0.89)
Sutton	1970	0.78 (0.63–0.93)
Sutton	1971	0.81 (0.67–0.97)
Sutton	1972	0.83 (0.68–0.98)
Sutton	1973	0.84 (0.71–0.98)
Sutton	1974	0.86 (0.73–1.01)
Sutton	1975	0.88 (0.75–1.02)
Sutton	1976	0.86 (0.73–1.0)
Sutton	1977	0.89 (0.77–1.02)
Sutton	1978	0.95 (0.83–1.08)
Sutton	1979	0.98 (0.87–1.11)
Sutton	1980	0.97 (0.88–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sutton	1981	0.94 (0.85–1.03)
Sutton	1982	0.95 (0.87–1.04)
Sutton	1983	0.93 (0.85–1.02)
Sutton	1984	0.93 (0.86–1.01)
Sutton	1985	0.97 (0.89–1.05)
Sutton	1986	0.99 (0.92–1.08)
Sutton	1987	1.04 (0.96–1.12)
Sutton	1988	1.06 (0.98–1.14)
Sutton	1989	1.04 (0.95–1.13)
Sutton	1990	1.02 (0.94–1.1)
Sutton	1991	0.99 (0.9–1.08)
Sutton	1992	0.95 (0.86–1.03)
Sutton	1993	0.95 (0.86–1.04)
Sutton	1994	0.96 (0.88–1.05)
Sutton	1995	0.97 (0.88–1.07)
Sutton	1996	1.01 (0.91–1.12)
Sutton	1997	0.99 (0.9–1.08)
Sutton	1998	1.01 (0.92–1.1)
Sutton	1999	1.05 (0.96–1.14)
Sutton	2000	1.03 (0.93–1.15)
Sutton	2001	1.05 (0.96–1.16)
Sutton	2002	1.03 (0.94–1.13)
Sutton	2003	1.06 (0.96–1.17)
Sutton	2004	1.02 (0.92–1.12)
Sutton	2005	1.02 (0.92–1.14)
Sutton	2006	1.05 (0.94–1.16)
Sutton	2007	1.03 (0.94–1.15)
Sutton	2008	1.03 (0.93–1.13)
Sutton	2009	1.04 (0.94–1.15)
Sutton	2010	1.05 (0.96–1.15)
Sutton	2011	1.03 (0.93–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sutton	2012	0.99 (0.89–1.1)
Sutton	2013	0.94 (0.84–1.05)
Sutton	2014	0.9 (0.8–1.02)
Sutton	2015	0.91 (0.8–1.03)
Sutton	2016	0.91 (0.8–1.02)
Sutton	2017	0.95 (0.79–1.12)
Tower Hamlets	1950	0.57 (0.47–0.68)
Tower Hamlets	1951	0.66 (0.54–0.79)
Tower Hamlets	1952	0.62 (0.52–0.74)
Tower Hamlets	1953	0.63 (0.52–0.75)
Tower Hamlets	1954	0.6 (0.5–0.71)
Tower Hamlets	1955	0.6 (0.51–0.71)
Tower Hamlets	1956	0.6 (0.5–0.7)
Tower Hamlets	1957	0.61 (0.51–0.72)
Tower Hamlets	1958	0.61 (0.51–0.72)
Tower Hamlets	1959	0.61 (0.51–0.73)
Tower Hamlets	1960	0.63 (0.52–0.75)
Tower Hamlets	1961	0.64 (0.53–0.77)
Tower Hamlets	1962	0.67 (0.55–0.8)
Tower Hamlets	1963	0.68 (0.57–0.81)
Tower Hamlets	1964	0.67 (0.55–0.8)
Tower Hamlets	1965	0.66 (0.54–0.79)
Tower Hamlets	1966	0.69 (0.56–0.82)
Tower Hamlets	1967	0.68 (0.56–0.82)
Tower Hamlets	1968	0.72 (0.59–0.86)
Tower Hamlets	1969	0.74 (0.6–0.89)
Tower Hamlets	1970	0.78 (0.63–0.94)
Tower Hamlets	1971	0.81 (0.67–0.97)
Tower Hamlets	1972	0.83 (0.68–0.98)
Tower Hamlets	1973	0.84 (0.71–0.98)
Tower Hamlets	1974	0.86 (0.74–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tower Hamlets	1975	0.88 (0.75–1.02)
Tower Hamlets	1976	0.86 (0.74–1.0)
Tower Hamlets	1977	0.89 (0.77–1.02)
Tower Hamlets	1978	0.95 (0.83–1.08)
Tower Hamlets	1979	0.98 (0.87–1.11)
Tower Hamlets	1980	0.97 (0.88–1.07)
Tower Hamlets	1981	0.94 (0.85–1.03)
Tower Hamlets	1982	0.95 (0.87–1.04)
Tower Hamlets	1983	0.93 (0.85–1.02)
Tower Hamlets	1984	0.93 (0.86–1.01)
Tower Hamlets	1985	0.97 (0.89–1.05)
Tower Hamlets	1986	0.99 (0.92–1.08)
Tower Hamlets	1987	1.04 (0.96–1.12)
Tower Hamlets	1988	1.06 (0.98–1.14)
Tower Hamlets	1989	1.04 (0.95–1.13)
Tower Hamlets	1990	1.02 (0.94–1.1)
Tower Hamlets	1991	0.99 (0.9–1.08)
Tower Hamlets	1992	0.95 (0.86–1.03)
Tower Hamlets	1993	0.95 (0.86–1.04)
Tower Hamlets	1994	0.96 (0.88–1.05)
Tower Hamlets	1995	0.97 (0.88–1.07)
Tower Hamlets	1996	1.01 (0.91–1.12)
Tower Hamlets	1997	0.99 (0.9–1.08)
Tower Hamlets	1998	1.01 (0.92–1.1)
Tower Hamlets	1999	1.05 (0.96–1.14)
Tower Hamlets	2000	1.03 (0.93–1.15)
Tower Hamlets	2001	1.05 (0.96–1.16)
Tower Hamlets	2002	1.03 (0.94–1.13)
Tower Hamlets	2003	1.06 (0.96–1.17)
Tower Hamlets	2004	1.02 (0.92–1.12)
Tower Hamlets	2005	1.02 (0.92–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tower Hamlets	2006	1.05 (0.94–1.16)
Tower Hamlets	2007	1.03 (0.94–1.15)
Tower Hamlets	2008	1.03 (0.93–1.13)
Tower Hamlets	2009	1.04 (0.94–1.15)
Tower Hamlets	2010	1.05 (0.96–1.15)
Tower Hamlets	2011	1.03 (0.93–1.14)
Tower Hamlets	2012	0.99 (0.89–1.1)
Tower Hamlets	2013	0.94 (0.84–1.05)
Tower Hamlets	2014	0.9 (0.8–1.02)
Tower Hamlets	2015	0.91 (0.8–1.03)
Tower Hamlets	2016	0.91 (0.8–1.02)
Tower Hamlets	2017	0.95 (0.79–1.12)
Waltham Forest	1950	0.57 (0.47–0.68)
Waltham Forest	1951	0.66 (0.54–0.79)
Waltham Forest	1952	0.62 (0.52–0.74)
Waltham Forest	1953	0.63 (0.52–0.75)
Waltham Forest	1954	0.6 (0.5–0.71)
Waltham Forest	1955	0.6 (0.51–0.71)
Waltham Forest	1956	0.6 (0.5–0.7)
Waltham Forest	1957	0.61 (0.51–0.72)
Waltham Forest	1958	0.61 (0.51–0.72)
Waltham Forest	1959	0.61 (0.51–0.73)
Waltham Forest	1960	0.63 (0.52–0.75)
Waltham Forest	1961	0.64 (0.53–0.77)
Waltham Forest	1962	0.67 (0.55–0.8)
Waltham Forest	1963	0.68 (0.57–0.81)
Waltham Forest	1964	0.67 (0.55–0.8)
Waltham Forest	1965	0.66 (0.54–0.79)
Waltham Forest	1966	0.69 (0.56–0.82)
Waltham Forest	1967	0.68 (0.56–0.82)
Waltham Forest	1968	0.72 (0.59–0.86)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Waltham Forest	1969	0.74 (0.6–0.89)
Waltham Forest	1970	0.78 (0.63–0.94)
Waltham Forest	1971	0.81 (0.67–0.97)
Waltham Forest	1972	0.83 (0.68–0.98)
Waltham Forest	1973	0.84 (0.71–0.98)
Waltham Forest	1974	0.86 (0.74–1.01)
Waltham Forest	1975	0.88 (0.75–1.02)
Waltham Forest	1976	0.86 (0.74–1.0)
Waltham Forest	1977	0.89 (0.77–1.02)
Waltham Forest	1978	0.95 (0.83–1.08)
Waltham Forest	1979	0.98 (0.87–1.11)
Waltham Forest	1980	0.97 (0.88–1.08)
Waltham Forest	1981	0.94 (0.85–1.03)
Waltham Forest	1982	0.95 (0.87–1.04)
Waltham Forest	1983	0.93 (0.85–1.02)
Waltham Forest	1984	0.93 (0.86–1.01)
Waltham Forest	1985	0.97 (0.89–1.05)
Waltham Forest	1986	0.99 (0.92–1.08)
Waltham Forest	1987	1.04 (0.96–1.12)
Waltham Forest	1988	1.06 (0.98–1.14)
Waltham Forest	1989	1.04 (0.95–1.13)
Waltham Forest	1990	1.02 (0.94–1.1)
Waltham Forest	1991	0.99 (0.9–1.08)
Waltham Forest	1992	0.95 (0.86–1.03)
Waltham Forest	1993	0.95 (0.86–1.04)
Waltham Forest	1994	0.96 (0.88–1.05)
Waltham Forest	1995	0.97 (0.88–1.07)
Waltham Forest	1996	1.01 (0.91–1.12)
Waltham Forest	1997	0.99 (0.9–1.08)
Waltham Forest	1998	1.01 (0.92–1.1)
Waltham Forest	1999	1.05 (0.96–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Waltham Forest	2000	1.03 (0.93–1.15)
Waltham Forest	2001	1.05 (0.96–1.16)
Waltham Forest	2002	1.03 (0.94–1.13)
Waltham Forest	2003	1.06 (0.96–1.17)
Waltham Forest	2004	1.02 (0.92–1.12)
Waltham Forest	2005	1.02 (0.92–1.14)
Waltham Forest	2006	1.05 (0.94–1.16)
Waltham Forest	2007	1.03 (0.94–1.15)
Waltham Forest	2008	1.03 (0.93–1.13)
Waltham Forest	2009	1.04 (0.94–1.15)
Waltham Forest	2010	1.05 (0.96–1.15)
Waltham Forest	2011	1.03 (0.93–1.14)
Waltham Forest	2012	0.99 (0.89–1.1)
Waltham Forest	2013	0.94 (0.84–1.05)
Waltham Forest	2014	0.9 (0.8–1.02)
Waltham Forest	2015	0.91 (0.8–1.03)
Waltham Forest	2016	0.91 (0.8–1.02)
Waltham Forest	2017	0.95 (0.79–1.12)
Wandsworth	1950	0.57 (0.47–0.68)
Wandsworth	1951	0.66 (0.54–0.79)
Wandsworth	1952	0.62 (0.52–0.74)
Wandsworth	1953	0.63 (0.52–0.75)
Wandsworth	1954	0.6 (0.5–0.71)
Wandsworth	1955	0.6 (0.51–0.71)
Wandsworth	1956	0.6 (0.5–0.7)
Wandsworth	1957	0.61 (0.51–0.72)
Wandsworth	1958	0.6 (0.51–0.72)
Wandsworth	1959	0.61 (0.51–0.73)
Wandsworth	1960	0.63 (0.52–0.74)
Wandsworth	1961	0.64 (0.53–0.77)
Wandsworth	1962	0.67 (0.55–0.8)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wandsworth	1963	0.68 (0.57–0.81)
Wandsworth	1964	0.67 (0.55–0.8)
Wandsworth	1965	0.66 (0.54–0.79)
Wandsworth	1966	0.69 (0.56–0.82)
Wandsworth	1967	0.68 (0.56–0.82)
Wandsworth	1968	0.72 (0.59–0.86)
Wandsworth	1969	0.74 (0.6–0.89)
Wandsworth	1970	0.78 (0.63–0.94)
Wandsworth	1971	0.81 (0.67–0.97)
Wandsworth	1972	0.83 (0.68–0.98)
Wandsworth	1973	0.84 (0.71–0.98)
Wandsworth	1974	0.86 (0.74–1.01)
Wandsworth	1975	0.88 (0.75–1.02)
Wandsworth	1976	0.86 (0.74–1.0)
Wandsworth	1977	0.89 (0.77–1.02)
Wandsworth	1978	0.95 (0.83–1.08)
Wandsworth	1979	0.98 (0.87–1.11)
Wandsworth	1980	0.97 (0.88–1.08)
Wandsworth	1981	0.94 (0.85–1.03)
Wandsworth	1982	0.95 (0.87–1.04)
Wandsworth	1983	0.93 (0.85–1.02)
Wandsworth	1984	0.93 (0.86–1.01)
Wandsworth	1985	0.97 (0.89–1.05)
Wandsworth	1986	0.99 (0.92–1.08)
Wandsworth	1987	1.04 (0.96–1.12)
Wandsworth	1988	1.06 (0.98–1.14)
Wandsworth	1989	1.04 (0.95–1.13)
Wandsworth	1990	1.02 (0.94–1.1)
Wandsworth	1991	0.99 (0.9–1.08)
Wandsworth	1992	0.95 (0.86–1.03)
Wandsworth	1993	0.95 (0.86–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wandsworth	1994	0.96 (0.88–1.05)
Wandsworth	1995	0.97 (0.88–1.07)
Wandsworth	1996	1.01 (0.91–1.12)
Wandsworth	1997	0.99 (0.9–1.08)
Wandsworth	1998	1.01 (0.92–1.1)
Wandsworth	1999	1.05 (0.96–1.14)
Wandsworth	2000	1.03 (0.93–1.15)
Wandsworth	2001	1.05 (0.96–1.16)
Wandsworth	2002	1.03 (0.94–1.13)
Wandsworth	2003	1.06 (0.96–1.17)
Wandsworth	2004	1.02 (0.92–1.12)
Wandsworth	2005	1.02 (0.92–1.14)
Wandsworth	2006	1.05 (0.94–1.16)
Wandsworth	2007	1.03 (0.94–1.15)
Wandsworth	2008	1.03 (0.93–1.13)
Wandsworth	2009	1.04 (0.94–1.15)
Wandsworth	2010	1.05 (0.96–1.15)
Wandsworth	2011	1.03 (0.93–1.14)
Wandsworth	2012	0.99 (0.89–1.1)
Wandsworth	2013	0.94 (0.84–1.05)
Wandsworth	2014	0.9 (0.8–1.02)
Wandsworth	2015	0.91 (0.8–1.03)
Wandsworth	2016	0.91 (0.8–1.02)
Wandsworth	2017	0.95 (0.79–1.12)
Westminster	1950	0.57 (0.47–0.68)
Westminster	1951	0.66 (0.54–0.79)
Westminster	1952	0.62 (0.52–0.74)
Westminster	1953	0.63 (0.52–0.75)
Westminster	1954	0.6 (0.5–0.71)
Westminster	1955	0.6 (0.51–0.71)
Westminster	1956	0.6 (0.5–0.7)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Westminster	1957	0.61 (0.51–0.72)
Westminster	1958	0.61 (0.51–0.72)
Westminster	1959	0.61 (0.51–0.73)
Westminster	1960	0.63 (0.52–0.75)
Westminster	1961	0.64 (0.53–0.77)
Westminster	1962	0.67 (0.55–0.8)
Westminster	1963	0.68 (0.57–0.81)
Westminster	1964	0.67 (0.55–0.8)
Westminster	1965	0.66 (0.54–0.79)
Westminster	1966	0.69 (0.56–0.82)
Westminster	1967	0.68 (0.56–0.82)
Westminster	1968	0.72 (0.59–0.86)
Westminster	1969	0.74 (0.6–0.89)
Westminster	1970	0.78 (0.63–0.94)
Westminster	1971	0.81 (0.67–0.97)
Westminster	1972	0.83 (0.68–0.98)
Westminster	1973	0.84 (0.71–0.98)
Westminster	1974	0.86 (0.74–1.01)
Westminster	1975	0.88 (0.75–1.02)
Westminster	1976	0.86 (0.74–1.0)
Westminster	1977	0.89 (0.77–1.02)
Westminster	1978	0.95 (0.83–1.08)
Westminster	1979	0.98 (0.87–1.11)
Westminster	1980	0.97 (0.88–1.07)
Westminster	1981	0.94 (0.85–1.03)
Westminster	1982	0.95 (0.87–1.04)
Westminster	1983	0.93 (0.85–1.02)
Westminster	1984	0.93 (0.86–1.01)
Westminster	1985	0.97 (0.89–1.05)
Westminster	1986	0.99 (0.92–1.08)
Westminster	1987	1.04 (0.96–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Westminster	1988	1.06 (0.98–1.14)
Westminster	1989	1.04 (0.95–1.13)
Westminster	1990	1.02 (0.94–1.1)
Westminster	1991	0.99 (0.9–1.08)
Westminster	1992	0.95 (0.86–1.03)
Westminster	1993	0.95 (0.86–1.04)
Westminster	1994	0.96 (0.88–1.05)
Westminster	1995	0.97 (0.88–1.07)
Westminster	1996	1.01 (0.91–1.12)
Westminster	1997	0.99 (0.9–1.08)
Westminster	1998	1.01 (0.92–1.1)
Westminster	1999	1.05 (0.96–1.14)
Westminster	2000	1.03 (0.93–1.15)
Westminster	2001	1.05 (0.96–1.16)
Westminster	2002	1.03 (0.94–1.13)
Westminster	2003	1.06 (0.96–1.17)
Westminster	2004	1.02 (0.92–1.12)
Westminster	2005	1.02 (0.92–1.14)
Westminster	2006	1.05 (0.94–1.16)
Westminster	2007	1.03 (0.94–1.15)
Westminster	2008	1.03 (0.93–1.13)
Westminster	2009	1.04 (0.94–1.15)
Westminster	2010	1.05 (0.96–1.15)
Westminster	2011	1.03 (0.93–1.14)
Westminster	2012	0.99 (0.89–1.1)
Westminster	2013	0.94 (0.84–1.05)
Westminster	2014	0.9 (0.8–1.02)
Westminster	2015	0.91 (0.8–1.03)
Westminster	2016	0.91 (0.8–1.02)
Westminster	2017	0.95 (0.79–1.12)
North East England	1950	0.9 (0.74–1.07)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North East England	1951	1.04 (0.85–1.25)
North East England	1952	0.97 (0.8–1.16)
North East England	1953	0.98 (0.81–1.17)
North East England	1954	0.91 (0.75–1.1)
North East England	1955	0.91 (0.74–1.11)
North East England	1956	0.89 (0.73–1.09)
North East England	1957	0.9 (0.73–1.1)
North East England	1958	0.88 (0.71–1.07)
North East England	1959	0.87 (0.71–1.06)
North East England	1960	0.88 (0.71–1.06)
North East England	1961	0.89 (0.73–1.07)
North East England	1962	0.91 (0.74–1.09)
North East England	1963	0.91 (0.75–1.09)
North East England	1964	0.88 (0.72–1.05)
North East England	1965	0.85 (0.69–1.02)
North East England	1966	0.87 (0.71–1.04)
North East England	1967	0.85 (0.69–1.02)
North East England	1968	0.88 (0.72–1.05)
North East England	1969	0.89 (0.73–1.06)
North East England	1970	0.91 (0.76–1.08)
North East England	1971	0.93 (0.78–1.1)
North East England	1972	0.93 (0.78–1.11)
North East England	1973	0.93 (0.78–1.12)
North East England	1974	0.94 (0.79–1.11)
North East England	1975	0.93 (0.79–1.1)
North East England	1976	0.9 (0.77–1.04)
North East England	1977	0.92 (0.8–1.04)
North East England	1978	0.96 (0.85–1.08)
North East England	1979	0.98 (0.9–1.08)
North East England	1980	0.97 (0.9–1.04)
North East England	1981	0.93 (0.89–0.97)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North East England	1982	0.98 (0.95–1.01)
North East England	1983	1.0 (0.97–1.03)
North East England	1984	0.98 (0.95–1.01)
North East England	1985	0.99 (0.95–1.02)
North East England	1986	0.99 (0.97–1.02)
North East England	1987	0.99 (0.96–1.01)
North East England	1988	1.0 (0.97–1.03)
North East England	1989	0.99 (0.97–1.01)
North East England	1990	1.0 (0.98–1.02)
North East England	1991	1.0 (0.98–1.02)
North East England	1992	0.97 (0.95–1.0)
North East England	1993	1.0 (0.97–1.02)
North East England	1994	1.01 (0.98–1.04)
North East England	1995	1.02 (0.99–1.05)
North East England	1996	1.04 (1.01–1.06)
North East England	1997	1.01 (0.97–1.05)
North East England	1998	1.0 (0.96–1.03)
North East England	1999	1.02 (0.99–1.06)
North East England	2000	1.01 (0.95–1.09)
North East England	2001	1.0 (0.96–1.04)
North East England	2002	0.98 (0.95–1.02)
North East England	2003	1.02 (0.98–1.06)
North East England	2004	0.99 (0.96–1.02)
North East England	2005	0.99 (0.95–1.03)
North East England	2006	1.01 (0.97–1.05)
North East England	2007	1.01 (0.98–1.05)
North East England	2008	1.01 (0.98–1.04)
North East England	2009	1.0 (0.96–1.04)
North East England	2010	0.98 (0.95–1.02)
North East England	2011	1.0 (0.96–1.04)
North East England	2012	1.0 (0.96–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North East England	2013	0.99 (0.95–1.02)
North East England	2014	0.99 (0.95–1.03)
North East England	2015	1.0 (0.96–1.04)
North East England	2016	1.0 (0.94–1.05)
North East England	2017	1.02 (0.92–1.14)
County Durham	1950	0.76 (0.63–0.91)
County Durham	1951	0.88 (0.72–1.05)
County Durham	1952	0.82 (0.67–0.99)
County Durham	1953	0.83 (0.67–0.99)
County Durham	1954	0.78 (0.63–0.93)
County Durham	1955	0.78 (0.63–0.93)
County Durham	1956	0.76 (0.63–0.91)
County Durham	1957	0.77 (0.65–0.9)
County Durham	1958	0.76 (0.65–0.87)
County Durham	1959	0.76 (0.65–0.88)
County Durham	1960	0.77 (0.65–0.91)
County Durham	1961	0.79 (0.66–0.93)
County Durham	1962	0.81 (0.67–0.96)
County Durham	1963	0.81 (0.68–0.97)
County Durham	1964	0.79 (0.66–0.94)
County Durham	1965	0.78 (0.64–0.93)
County Durham	1966	0.8 (0.65–0.95)
County Durham	1967	0.79 (0.63–0.95)
County Durham	1968	0.82 (0.66–1.0)
County Durham	1969	0.83 (0.67–1.02)
County Durham	1970	0.87 (0.71–1.05)
County Durham	1971	0.89 (0.74–1.07)
County Durham	1972	0.9 (0.75–1.06)
County Durham	1973	0.9 (0.76–1.06)
County Durham	1974	0.91 (0.78–1.06)
County Durham	1975	0.91 (0.77–1.07)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
County Durham	1976	0.88 (0.73–1.04)
County Durham	1977	0.9 (0.75–1.07)
County Durham	1978	0.94 (0.79–1.11)
County Durham	1979	0.96 (0.83–1.12)
County Durham	1980	0.94 (0.83–1.08)
County Durham	1981	0.9 (0.81–1.0)
County Durham	1982	0.93 (0.85–1.02)
County Durham	1983	0.96 (0.88–1.05)
County Durham	1984	0.94 (0.87–1.03)
County Durham	1985	0.95 (0.87–1.04)
County Durham	1986	0.98 (0.9–1.06)
County Durham	1987	0.97 (0.89–1.06)
County Durham	1988	1.0 (0.91–1.08)
County Durham	1989	1.0 (0.92–1.09)
County Durham	1990	1.02 (0.93–1.1)
County Durham	1991	1.02 (0.94–1.12)
County Durham	1992	0.97 (0.89–1.07)
County Durham	1993	0.98 (0.89–1.07)
County Durham	1994	0.98 (0.88–1.07)
County Durham	1995	0.98 (0.88–1.08)
County Durham	1996	1.0 (0.89–1.11)
County Durham	1997	0.97 (0.87–1.08)
County Durham	1998	0.97 (0.86–1.07)
County Durham	1999	1.0 (0.9–1.11)
County Durham	2000	1.01 (0.9–1.14)
County Durham	2001	1.01 (0.9–1.12)
County Durham	2002	0.99 (0.89–1.11)
County Durham	2003	1.03 (0.92–1.16)
County Durham	2004	1.01 (0.9–1.14)
County Durham	2005	1.01 (0.9–1.13)
County Durham	2006	1.04 (0.92–1.17)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
County Durham	2007	1.03 (0.91–1.17)
County Durham	2008	1.01 (0.89–1.16)
County Durham	2009	0.99 (0.88–1.12)
County Durham	2010	0.96 (0.86–1.08)
County Durham	2011	0.97 (0.86–1.09)
County Durham	2012	0.96 (0.86–1.09)
County Durham	2013	0.95 (0.83–1.09)
County Durham	2014	0.97 (0.84–1.11)
County Durham	2015	0.98 (0.84–1.13)
County Durham	2016	0.97 (0.84–1.11)
County Durham	2017	1.0 (0.82–1.21)
Darlington	1950	0.76 (0.63–0.91)
Darlington	1951	0.88 (0.72–1.05)
Darlington	1952	0.82 (0.67–0.99)
Darlington	1953	0.83 (0.67–0.99)
Darlington	1954	0.78 (0.63–0.93)
Darlington	1955	0.78 (0.63–0.93)
Darlington	1956	0.76 (0.63–0.91)
Darlington	1957	0.77 (0.65–0.9)
Darlington	1958	0.76 (0.65–0.87)
Darlington	1959	0.76 (0.65–0.88)
Darlington	1960	0.77 (0.65–0.91)
Darlington	1961	0.79 (0.66–0.93)
Darlington	1962	0.81 (0.67–0.96)
Darlington	1963	0.81 (0.68–0.97)
Darlington	1964	0.79 (0.66–0.94)
Darlington	1965	0.78 (0.64–0.93)
Darlington	1966	0.8 (0.65–0.95)
Darlington	1967	0.79 (0.63–0.95)
Darlington	1968	0.82 (0.66–1.0)
Darlington	1969	0.83 (0.67–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Darlington	1970	0.87 (0.71–1.05)
Darlington	1971	0.89 (0.74–1.07)
Darlington	1972	0.9 (0.75–1.06)
Darlington	1973	0.9 (0.76–1.06)
Darlington	1974	0.91 (0.78–1.06)
Darlington	1975	0.91 (0.77–1.07)
Darlington	1976	0.88 (0.73–1.04)
Darlington	1977	0.9 (0.75–1.07)
Darlington	1978	0.94 (0.79–1.11)
Darlington	1979	0.96 (0.83–1.12)
Darlington	1980	0.94 (0.83–1.08)
Darlington	1981	0.9 (0.81–1.0)
Darlington	1982	0.93 (0.85–1.02)
Darlington	1983	0.96 (0.88–1.05)
Darlington	1984	0.94 (0.87–1.03)
Darlington	1985	0.95 (0.87–1.04)
Darlington	1986	0.98 (0.9–1.06)
Darlington	1987	0.97 (0.89–1.06)
Darlington	1988	1.0 (0.91–1.08)
Darlington	1989	1.0 (0.92–1.09)
Darlington	1990	1.02 (0.93–1.1)
Darlington	1991	1.02 (0.94–1.12)
Darlington	1992	0.97 (0.89–1.07)
Darlington	1993	0.98 (0.89–1.07)
Darlington	1994	0.98 (0.88–1.07)
Darlington	1995	0.98 (0.88–1.08)
Darlington	1996	1.0 (0.89–1.11)
Darlington	1997	0.97 (0.87–1.08)
Darlington	1998	0.97 (0.86–1.07)
Darlington	1999	1.0 (0.9–1.11)
Darlington	2000	1.01 (0.9–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Darlington	2001	1.01 (0.9–1.12)
Darlington	2002	0.99 (0.89–1.11)
Darlington	2003	1.03 (0.92–1.16)
Darlington	2004	1.01 (0.9–1.14)
Darlington	2005	1.01 (0.9–1.13)
Darlington	2006	1.04 (0.92–1.17)
Darlington	2007	1.03 (0.91–1.17)
Darlington	2008	1.01 (0.89–1.16)
Darlington	2009	0.99 (0.88–1.12)
Darlington	2010	0.96 (0.86–1.08)
Darlington	2011	0.97 (0.86–1.09)
Darlington	2012	0.96 (0.86–1.09)
Darlington	2013	0.95 (0.83–1.09)
Darlington	2014	0.97 (0.84–1.11)
Darlington	2015	0.98 (0.84–1.13)
Darlington	2016	0.97 (0.84–1.11)
Darlington	2017	1.0 (0.82–1.21)
Gateshead	1950	0.76 (0.63–0.91)
Gateshead	1951	0.88 (0.72–1.05)
Gateshead	1952	0.82 (0.67–0.99)
Gateshead	1953	0.83 (0.67–0.99)
Gateshead	1954	0.78 (0.63–0.93)
Gateshead	1955	0.78 (0.63–0.93)
Gateshead	1956	0.76 (0.63–0.91)
Gateshead	1957	0.77 (0.65–0.9)
Gateshead	1958	0.76 (0.65–0.87)
Gateshead	1959	0.76 (0.65–0.88)
Gateshead	1960	0.77 (0.65–0.91)
Gateshead	1961	0.79 (0.66–0.93)
Gateshead	1962	0.81 (0.67–0.96)
Gateshead	1963	0.81 (0.68–0.97)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Gateshead	1964	0.79 (0.66–0.94)
Gateshead	1965	0.78 (0.64–0.93)
Gateshead	1966	0.8 (0.65–0.95)
Gateshead	1967	0.79 (0.63–0.95)
Gateshead	1968	0.82 (0.66–1.0)
Gateshead	1969	0.83 (0.67–1.02)
Gateshead	1970	0.87 (0.71–1.05)
Gateshead	1971	0.89 (0.74–1.07)
Gateshead	1972	0.9 (0.75–1.06)
Gateshead	1973	0.9 (0.76–1.06)
Gateshead	1974	0.91 (0.78–1.06)
Gateshead	1975	0.91 (0.77–1.07)
Gateshead	1976	0.88 (0.73–1.04)
Gateshead	1977	0.9 (0.75–1.07)
Gateshead	1978	0.94 (0.79–1.11)
Gateshead	1979	0.96 (0.83–1.12)
Gateshead	1980	0.94 (0.83–1.08)
Gateshead	1981	0.9 (0.81–1.0)
Gateshead	1982	0.93 (0.85–1.02)
Gateshead	1983	0.96 (0.88–1.05)
Gateshead	1984	0.94 (0.87–1.03)
Gateshead	1985	0.95 (0.87–1.04)
Gateshead	1986	0.98 (0.9–1.06)
Gateshead	1987	0.97 (0.89–1.06)
Gateshead	1988	1.0 (0.91–1.08)
Gateshead	1989	1.0 (0.92–1.09)
Gateshead	1990	1.02 (0.93–1.1)
Gateshead	1991	1.02 (0.94–1.12)
Gateshead	1992	0.97 (0.89–1.07)
Gateshead	1993	0.98 (0.89–1.07)
Gateshead	1994	0.98 (0.88–1.07)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Gateshead	1995	0.98 (0.88–1.08)
Gateshead	1996	1.0 (0.89–1.11)
Gateshead	1997	0.97 (0.87–1.08)
Gateshead	1998	0.97 (0.86–1.07)
Gateshead	1999	1.0 (0.9–1.11)
Gateshead	2000	1.01 (0.9–1.14)
Gateshead	2001	1.01 (0.9–1.12)
Gateshead	2002	0.99 (0.89–1.11)
Gateshead	2003	1.03 (0.92–1.16)
Gateshead	2004	1.01 (0.9–1.14)
Gateshead	2005	1.01 (0.9–1.13)
Gateshead	2006	1.04 (0.92–1.17)
Gateshead	2007	1.03 (0.91–1.17)
Gateshead	2008	1.01 (0.89–1.16)
Gateshead	2009	0.99 (0.88–1.12)
Gateshead	2010	0.96 (0.86–1.08)
Gateshead	2011	0.97 (0.86–1.09)
Gateshead	2012	0.96 (0.86–1.09)
Gateshead	2013	0.95 (0.83–1.09)
Gateshead	2014	0.97 (0.84–1.11)
Gateshead	2015	0.98 (0.84–1.13)
Gateshead	2016	0.97 (0.84–1.11)
Gateshead	2017	1.0 (0.82–1.21)
Hartlepool	1950	0.76 (0.63–0.91)
Hartlepool	1951	0.88 (0.72–1.05)
Hartlepool	1952	0.82 (0.68–0.99)
Hartlepool	1953	0.83 (0.67–0.99)
Hartlepool	1954	0.78 (0.63–0.93)
Hartlepool	1955	0.78 (0.63–0.93)
Hartlepool	1956	0.76 (0.63–0.91)
Hartlepool	1957	0.77 (0.65–0.9)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hartlepool	1958	0.76 (0.65–0.87)
Hartlepool	1959	0.76 (0.65–0.88)
Hartlepool	1960	0.77 (0.65–0.91)
Hartlepool	1961	0.79 (0.66–0.93)
Hartlepool	1962	0.81 (0.67–0.96)
Hartlepool	1963	0.81 (0.68–0.97)
Hartlepool	1964	0.79 (0.66–0.94)
Hartlepool	1965	0.78 (0.64–0.93)
Hartlepool	1966	0.8 (0.65–0.95)
Hartlepool	1967	0.79 (0.63–0.95)
Hartlepool	1968	0.82 (0.66–1.0)
Hartlepool	1969	0.84 (0.68–1.02)
Hartlepool	1970	0.87 (0.71–1.05)
Hartlepool	1971	0.89 (0.74–1.07)
Hartlepool	1972	0.9 (0.75–1.06)
Hartlepool	1973	0.9 (0.76–1.06)
Hartlepool	1974	0.91 (0.78–1.06)
Hartlepool	1975	0.91 (0.77–1.07)
Hartlepool	1976	0.88 (0.73–1.04)
Hartlepool	1977	0.9 (0.75–1.07)
Hartlepool	1978	0.94 (0.79–1.11)
Hartlepool	1979	0.96 (0.83–1.12)
Hartlepool	1980	0.94 (0.83–1.08)
Hartlepool	1981	0.9 (0.81–1.0)
Hartlepool	1982	0.93 (0.85–1.02)
Hartlepool	1983	0.96 (0.88–1.05)
Hartlepool	1984	0.94 (0.87–1.03)
Hartlepool	1985	0.95 (0.87–1.04)
Hartlepool	1986	0.98 (0.9–1.06)
Hartlepool	1987	0.97 (0.89–1.06)
Hartlepool	1988	1.0 (0.91–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hartlepool	1989	1.0 (0.92–1.09)
Hartlepool	1990	1.02 (0.93–1.1)
Hartlepool	1991	1.02 (0.94–1.12)
Hartlepool	1992	0.97 (0.89–1.07)
Hartlepool	1993	0.98 (0.89–1.07)
Hartlepool	1994	0.98 (0.88–1.07)
Hartlepool	1995	0.98 (0.88–1.08)
Hartlepool	1996	1.0 (0.89–1.11)
Hartlepool	1997	0.97 (0.87–1.08)
Hartlepool	1998	0.97 (0.86–1.07)
Hartlepool	1999	1.0 (0.9–1.11)
Hartlepool	2000	1.01 (0.9–1.14)
Hartlepool	2001	1.01 (0.9–1.12)
Hartlepool	2002	0.99 (0.89–1.11)
Hartlepool	2003	1.03 (0.92–1.16)
Hartlepool	2004	1.01 (0.9–1.14)
Hartlepool	2005	1.01 (0.9–1.13)
Hartlepool	2006	1.04 (0.92–1.17)
Hartlepool	2007	1.03 (0.91–1.17)
Hartlepool	2008	1.01 (0.89–1.16)
Hartlepool	2009	0.99 (0.88–1.12)
Hartlepool	2010	0.96 (0.86–1.08)
Hartlepool	2011	0.97 (0.86–1.09)
Hartlepool	2012	0.96 (0.86–1.09)
Hartlepool	2013	0.95 (0.83–1.09)
Hartlepool	2014	0.97 (0.84–1.11)
Hartlepool	2015	0.98 (0.84–1.13)
Hartlepool	2016	0.97 (0.84–1.11)
Hartlepool	2017	1.0 (0.82–1.21)
Middlesbrough	1950	0.76 (0.63–0.91)
Middlesbrough	1951	0.88 (0.72–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Middlesbrough	1952	0.82 (0.67–0.99)
Middlesbrough	1953	0.83 (0.67–0.99)
Middlesbrough	1954	0.78 (0.63–0.93)
Middlesbrough	1955	0.78 (0.63–0.93)
Middlesbrough	1956	0.76 (0.63–0.91)
Middlesbrough	1957	0.77 (0.65–0.9)
Middlesbrough	1958	0.76 (0.65–0.87)
Middlesbrough	1959	0.76 (0.65–0.88)
Middlesbrough	1960	0.77 (0.65–0.91)
Middlesbrough	1961	0.79 (0.66–0.93)
Middlesbrough	1962	0.81 (0.67–0.96)
Middlesbrough	1963	0.81 (0.68–0.97)
Middlesbrough	1964	0.79 (0.66–0.94)
Middlesbrough	1965	0.78 (0.64–0.93)
Middlesbrough	1966	0.8 (0.65–0.95)
Middlesbrough	1967	0.79 (0.63–0.95)
Middlesbrough	1968	0.82 (0.66–1.0)
Middlesbrough	1969	0.84 (0.67–1.02)
Middlesbrough	1970	0.87 (0.71–1.05)
Middlesbrough	1971	0.89 (0.74–1.07)
Middlesbrough	1972	0.9 (0.75–1.06)
Middlesbrough	1973	0.9 (0.76–1.06)
Middlesbrough	1974	0.91 (0.78–1.06)
Middlesbrough	1975	0.91 (0.77–1.07)
Middlesbrough	1976	0.88 (0.73–1.04)
Middlesbrough	1977	0.9 (0.75–1.07)
Middlesbrough	1978	0.94 (0.79–1.11)
Middlesbrough	1979	0.96 (0.83–1.12)
Middlesbrough	1980	0.94 (0.83–1.08)
Middlesbrough	1981	0.9 (0.81–1.0)
Middlesbrough	1982	0.93 (0.85–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Middlesbrough	1983	0.96 (0.88–1.05)
Middlesbrough	1984	0.94 (0.87–1.03)
Middlesbrough	1985	0.95 (0.87–1.04)
Middlesbrough	1986	0.98 (0.9–1.06)
Middlesbrough	1987	0.97 (0.89–1.06)
Middlesbrough	1988	1.0 (0.91–1.08)
Middlesbrough	1989	1.0 (0.92–1.09)
Middlesbrough	1990	1.02 (0.93–1.1)
Middlesbrough	1991	1.02 (0.94–1.12)
Middlesbrough	1992	0.97 (0.89–1.07)
Middlesbrough	1993	0.98 (0.89–1.07)
Middlesbrough	1994	0.98 (0.88–1.07)
Middlesbrough	1995	0.98 (0.88–1.08)
Middlesbrough	1996	1.0 (0.89–1.11)
Middlesbrough	1997	0.97 (0.87–1.08)
Middlesbrough	1998	0.97 (0.86–1.07)
Middlesbrough	1999	1.0 (0.9–1.11)
Middlesbrough	2000	1.01 (0.9–1.14)
Middlesbrough	2001	1.01 (0.9–1.12)
Middlesbrough	2002	0.99 (0.89–1.11)
Middlesbrough	2003	1.03 (0.92–1.16)
Middlesbrough	2004	1.01 (0.9–1.14)
Middlesbrough	2005	1.01 (0.9–1.13)
Middlesbrough	2006	1.04 (0.92–1.17)
Middlesbrough	2007	1.03 (0.91–1.17)
Middlesbrough	2008	1.01 (0.89–1.16)
Middlesbrough	2009	0.99 (0.88–1.12)
Middlesbrough	2010	0.96 (0.86–1.08)
Middlesbrough	2011	0.97 (0.86–1.09)
Middlesbrough	2012	0.96 (0.86–1.09)
Middlesbrough	2013	0.95 (0.83–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Middlesbrough	2014	0.97 (0.84–1.11)
Middlesbrough	2015	0.98 (0.84–1.13)
Middlesbrough	2016	0.97 (0.84–1.11)
Middlesbrough	2017	1.0 (0.82–1.21)
Newcastle upon Tyne	1950	0.76 (0.63–0.91)
Newcastle upon Tyne	1951	0.88 (0.72–1.05)
Newcastle upon Tyne	1952	0.82 (0.67–0.99)
Newcastle upon Tyne	1953	0.83 (0.67–0.99)
Newcastle upon Tyne	1954	0.78 (0.63–0.93)
Newcastle upon Tyne	1955	0.77 (0.63–0.93)
Newcastle upon Tyne	1956	0.76 (0.63–0.91)
Newcastle upon Tyne	1957	0.77 (0.65–0.9)
Newcastle upon Tyne	1958	0.76 (0.65–0.87)
Newcastle upon Tyne	1959	0.76 (0.65–0.88)
Newcastle upon Tyne	1960	0.77 (0.65–0.91)
Newcastle upon Tyne	1961	0.78 (0.66–0.93)
Newcastle upon Tyne	1962	0.81 (0.67–0.96)
Newcastle upon Tyne	1963	0.81 (0.68–0.97)
Newcastle upon Tyne	1964	0.79 (0.66–0.94)
Newcastle upon Tyne	1965	0.78 (0.64–0.93)
Newcastle upon Tyne	1966	0.8 (0.65–0.95)
Newcastle upon Tyne	1967	0.79 (0.63–0.95)
Newcastle upon Tyne	1968	0.82 (0.66–1.0)
Newcastle upon Tyne	1969	0.83 (0.67–1.02)
Newcastle upon Tyne	1970	0.87 (0.71–1.05)
Newcastle upon Tyne	1971	0.89 (0.74–1.07)
Newcastle upon Tyne	1972	0.9 (0.75–1.06)
Newcastle upon Tyne	1973	0.9 (0.76–1.06)
Newcastle upon Tyne	1974	0.91 (0.78–1.06)
Newcastle upon Tyne	1975	0.91 (0.77–1.07)
Newcastle upon Tyne	1976	0.88 (0.73–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Newcastle upon Tyne	1977	0.9 (0.75–1.07)
Newcastle upon Tyne	1978	0.94 (0.79–1.11)
Newcastle upon Tyne	1979	0.96 (0.83–1.12)
Newcastle upon Tyne	1980	0.94 (0.83–1.08)
Newcastle upon Tyne	1981	0.9 (0.81–1.0)
Newcastle upon Tyne	1982	0.93 (0.85–1.02)
Newcastle upon Tyne	1983	0.96 (0.88–1.05)
Newcastle upon Tyne	1984	0.94 (0.87–1.03)
Newcastle upon Tyne	1985	0.95 (0.87–1.04)
Newcastle upon Tyne	1986	0.98 (0.9–1.06)
Newcastle upon Tyne	1987	0.97 (0.89–1.06)
Newcastle upon Tyne	1988	1.0 (0.91–1.08)
Newcastle upon Tyne	1989	1.0 (0.92–1.09)
Newcastle upon Tyne	1990	1.02 (0.93–1.1)
Newcastle upon Tyne	1991	1.02 (0.94–1.12)
Newcastle upon Tyne	1992	0.97 (0.89–1.07)
Newcastle upon Tyne	1993	0.98 (0.89–1.07)
Newcastle upon Tyne	1994	0.98 (0.88–1.07)
Newcastle upon Tyne	1995	0.98 (0.88–1.08)
Newcastle upon Tyne	1996	1.0 (0.89–1.11)
Newcastle upon Tyne	1997	0.97 (0.87–1.08)
Newcastle upon Tyne	1998	0.97 (0.86–1.07)
Newcastle upon Tyne	1999	1.0 (0.9–1.11)
Newcastle upon Tyne	2000	1.01 (0.9–1.14)
Newcastle upon Tyne	2001	1.01 (0.9–1.12)
Newcastle upon Tyne	2002	0.99 (0.89–1.11)
Newcastle upon Tyne	2003	1.03 (0.92–1.16)
Newcastle upon Tyne	2004	1.01 (0.9–1.14)
Newcastle upon Tyne	2005	1.01 (0.9–1.13)
Newcastle upon Tyne	2006	1.04 (0.92–1.17)
Newcastle upon Tyne	2007	1.03 (0.91–1.17)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Newcastle upon Tyne	2008	1.01 (0.89–1.16)
Newcastle upon Tyne	2009	0.99 (0.88–1.12)
Newcastle upon Tyne	2010	0.96 (0.86–1.08)
Newcastle upon Tyne	2011	0.97 (0.86–1.09)
Newcastle upon Tyne	2012	0.96 (0.86–1.09)
Newcastle upon Tyne	2013	0.95 (0.83–1.09)
Newcastle upon Tyne	2014	0.97 (0.84–1.11)
Newcastle upon Tyne	2015	0.98 (0.84–1.13)
Newcastle upon Tyne	2016	0.97 (0.84–1.11)
Newcastle upon Tyne	2017	1.0 (0.82–1.21)
North Tyneside	1950	0.76 (0.63–0.91)
North Tyneside	1951	0.88 (0.72–1.05)
North Tyneside	1952	0.82 (0.67–0.99)
North Tyneside	1953	0.83 (0.67–0.99)
North Tyneside	1954	0.78 (0.63–0.93)
North Tyneside	1955	0.77 (0.63–0.93)
North Tyneside	1956	0.76 (0.63–0.91)
North Tyneside	1957	0.77 (0.65–0.9)
North Tyneside	1958	0.76 (0.65–0.87)
North Tyneside	1959	0.76 (0.65–0.88)
North Tyneside	1960	0.77 (0.65–0.91)
North Tyneside	1961	0.78 (0.66–0.93)
North Tyneside	1962	0.81 (0.67–0.96)
North Tyneside	1963	0.81 (0.67–0.97)
North Tyneside	1964	0.79 (0.66–0.94)
North Tyneside	1965	0.78 (0.64–0.93)
North Tyneside	1966	0.8 (0.65–0.95)
North Tyneside	1967	0.79 (0.63–0.95)
North Tyneside	1968	0.82 (0.66–1.0)
North Tyneside	1969	0.83 (0.67–1.02)
North Tyneside	1970	0.87 (0.71–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North Tyneside	1971	0.89 (0.74–1.07)
North Tyneside	1972	0.9 (0.75–1.06)
North Tyneside	1973	0.9 (0.76–1.06)
North Tyneside	1974	0.91 (0.78–1.06)
North Tyneside	1975	0.91 (0.77–1.07)
North Tyneside	1976	0.88 (0.73–1.04)
North Tyneside	1977	0.9 (0.75–1.07)
North Tyneside	1978	0.94 (0.79–1.11)
North Tyneside	1979	0.96 (0.83–1.12)
North Tyneside	1980	0.94 (0.83–1.08)
North Tyneside	1981	0.9 (0.81–1.0)
North Tyneside	1982	0.93 (0.85–1.02)
North Tyneside	1983	0.96 (0.88–1.05)
North Tyneside	1984	0.94 (0.87–1.03)
North Tyneside	1985	0.95 (0.87–1.04)
North Tyneside	1986	0.98 (0.9–1.06)
North Tyneside	1987	0.97 (0.89–1.06)
North Tyneside	1988	1.0 (0.91–1.08)
North Tyneside	1989	1.0 (0.92–1.09)
North Tyneside	1990	1.02 (0.93–1.1)
North Tyneside	1991	1.02 (0.94–1.12)
North Tyneside	1992	0.97 (0.89–1.07)
North Tyneside	1993	0.98 (0.89–1.07)
North Tyneside	1994	0.98 (0.88–1.07)
North Tyneside	1995	0.98 (0.88–1.08)
North Tyneside	1996	1.0 (0.89–1.11)
North Tyneside	1997	0.97 (0.87–1.08)
North Tyneside	1998	0.97 (0.86–1.07)
North Tyneside	1999	1.0 (0.9–1.11)
North Tyneside	2000	1.01 (0.9–1.14)
North Tyneside	2001	1.01 (0.9–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North Tyneside	2002	0.99 (0.89–1.11)
North Tyneside	2003	1.03 (0.92–1.16)
North Tyneside	2004	1.01 (0.9–1.14)
North Tyneside	2005	1.01 (0.9–1.13)
North Tyneside	2006	1.04 (0.92–1.17)
North Tyneside	2007	1.03 (0.91–1.17)
North Tyneside	2008	1.01 (0.89–1.16)
North Tyneside	2009	0.99 (0.88–1.12)
North Tyneside	2010	0.96 (0.86–1.08)
North Tyneside	2011	0.97 (0.86–1.09)
North Tyneside	2012	0.96 (0.86–1.09)
North Tyneside	2013	0.95 (0.83–1.09)
North Tyneside	2014	0.97 (0.84–1.11)
North Tyneside	2015	0.98 (0.84–1.13)
North Tyneside	2016	0.97 (0.84–1.11)
North Tyneside	2017	1.0 (0.82–1.21)
Northumberland	1950	0.76 (0.63–0.91)
Northumberland	1951	0.88 (0.72–1.05)
Northumberland	1952	0.82 (0.67–0.99)
Northumberland	1953	0.83 (0.67–0.99)
Northumberland	1954	0.78 (0.63–0.93)
Northumberland	1955	0.78 (0.63–0.93)
Northumberland	1956	0.76 (0.63–0.91)
Northumberland	1957	0.77 (0.65–0.9)
Northumberland	1958	0.76 (0.65–0.87)
Northumberland	1959	0.76 (0.65–0.88)
Northumberland	1960	0.77 (0.65–0.91)
Northumberland	1961	0.79 (0.66–0.93)
Northumberland	1962	0.81 (0.67–0.96)
Northumberland	1963	0.81 (0.68–0.97)
Northumberland	1964	0.79 (0.65–0.94)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Northumberland	1965	0.78 (0.64–0.93)
Northumberland	1966	0.8 (0.65–0.95)
Northumberland	1967	0.79 (0.63–0.95)
Northumberland	1968	0.82 (0.66–1.0)
Northumberland	1969	0.83 (0.67–1.02)
Northumberland	1970	0.87 (0.71–1.05)
Northumberland	1971	0.89 (0.74–1.07)
Northumberland	1972	0.9 (0.75–1.06)
Northumberland	1973	0.9 (0.76–1.06)
Northumberland	1974	0.91 (0.78–1.06)
Northumberland	1975	0.91 (0.77–1.07)
Northumberland	1976	0.88 (0.73–1.04)
Northumberland	1977	0.9 (0.75–1.07)
Northumberland	1978	0.94 (0.79–1.11)
Northumberland	1979	0.96 (0.83–1.12)
Northumberland	1980	0.94 (0.83–1.08)
Northumberland	1981	0.9 (0.81–1.0)
Northumberland	1982	0.93 (0.85–1.02)
Northumberland	1983	0.96 (0.88–1.05)
Northumberland	1984	0.94 (0.87–1.03)
Northumberland	1985	0.95 (0.87–1.04)
Northumberland	1986	0.98 (0.9–1.06)
Northumberland	1987	0.97 (0.89–1.06)
Northumberland	1988	1.0 (0.91–1.08)
Northumberland	1989	1.0 (0.92–1.09)
Northumberland	1990	1.02 (0.93–1.1)
Northumberland	1991	1.02 (0.94–1.12)
Northumberland	1992	0.97 (0.89–1.07)
Northumberland	1993	0.98 (0.89–1.07)
Northumberland	1994	0.98 (0.88–1.07)
Northumberland	1995	0.98 (0.88–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Northumberland	1996	1.0 (0.89–1.11)
Northumberland	1997	0.97 (0.87–1.08)
Northumberland	1998	0.97 (0.86–1.07)
Northumberland	1999	1.0 (0.9–1.11)
Northumberland	2000	1.01 (0.9–1.14)
Northumberland	2001	1.01 (0.9–1.12)
Northumberland	2002	0.99 (0.89–1.11)
Northumberland	2003	1.03 (0.92–1.16)
Northumberland	2004	1.01 (0.9–1.14)
Northumberland	2005	1.01 (0.9–1.13)
Northumberland	2006	1.04 (0.92–1.17)
Northumberland	2007	1.03 (0.91–1.17)
Northumberland	2008	1.01 (0.89–1.16)
Northumberland	2009	0.99 (0.88–1.12)
Northumberland	2010	0.96 (0.86–1.08)
Northumberland	2011	0.97 (0.86–1.09)
Northumberland	2012	0.96 (0.86–1.09)
Northumberland	2013	0.95 (0.83–1.09)
Northumberland	2014	0.97 (0.84–1.11)
Northumberland	2015	0.98 (0.84–1.13)
Northumberland	2016	0.97 (0.84–1.11)
Northumberland	2017	1.0 (0.82–1.21)
Redcar and Cleveland	1950	0.76 (0.63–0.91)
Redcar and Cleveland	1951	0.88 (0.72–1.05)
Redcar and Cleveland	1952	0.82 (0.67–0.99)
Redcar and Cleveland	1953	0.83 (0.67–0.99)
Redcar and Cleveland	1954	0.78 (0.63–0.93)
Redcar and Cleveland	1955	0.78 (0.63–0.93)
Redcar and Cleveland	1956	0.76 (0.63–0.91)
Redcar and Cleveland	1957	0.77 (0.65–0.9)
Redcar and Cleveland	1958	0.76 (0.65–0.87)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Redcar and Cleveland	1959	0.76 (0.65–0.88)
Redcar and Cleveland	1960	0.77 (0.65–0.91)
Redcar and Cleveland	1961	0.79 (0.66–0.93)
Redcar and Cleveland	1962	0.81 (0.67–0.96)
Redcar and Cleveland	1963	0.81 (0.68–0.97)
Redcar and Cleveland	1964	0.79 (0.66–0.94)
Redcar and Cleveland	1965	0.78 (0.64–0.93)
Redcar and Cleveland	1966	0.8 (0.65–0.95)
Redcar and Cleveland	1967	0.79 (0.63–0.95)
Redcar and Cleveland	1968	0.82 (0.66–1.0)
Redcar and Cleveland	1969	0.83 (0.67–1.02)
Redcar and Cleveland	1970	0.87 (0.71–1.05)
Redcar and Cleveland	1971	0.89 (0.74–1.07)
Redcar and Cleveland	1972	0.9 (0.75–1.06)
Redcar and Cleveland	1973	0.9 (0.76–1.06)
Redcar and Cleveland	1974	0.91 (0.78–1.06)
Redcar and Cleveland	1975	0.91 (0.77–1.07)
Redcar and Cleveland	1976	0.88 (0.73–1.04)
Redcar and Cleveland	1977	0.9 (0.75–1.07)
Redcar and Cleveland	1978	0.94 (0.79–1.11)
Redcar and Cleveland	1979	0.96 (0.83–1.12)
Redcar and Cleveland	1980	0.94 (0.83–1.08)
Redcar and Cleveland	1981	0.9 (0.81–1.0)
Redcar and Cleveland	1982	0.93 (0.85–1.02)
Redcar and Cleveland	1983	0.96 (0.88–1.05)
Redcar and Cleveland	1984	0.94 (0.87–1.03)
Redcar and Cleveland	1985	0.95 (0.87–1.04)
Redcar and Cleveland	1986	0.98 (0.9–1.06)
Redcar and Cleveland	1987	0.97 (0.89–1.06)
Redcar and Cleveland	1988	1.0 (0.91–1.08)
Redcar and Cleveland	1989	1.0 (0.92–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Redcar and Cleveland	1990	1.02 (0.93–1.1)
Redcar and Cleveland	1991	1.02 (0.94–1.12)
Redcar and Cleveland	1992	0.97 (0.89–1.07)
Redcar and Cleveland	1993	0.98 (0.89–1.07)
Redcar and Cleveland	1994	0.98 (0.88–1.07)
Redcar and Cleveland	1995	0.98 (0.88–1.08)
Redcar and Cleveland	1996	1.0 (0.89–1.11)
Redcar and Cleveland	1997	0.97 (0.87–1.08)
Redcar and Cleveland	1998	0.97 (0.86–1.07)
Redcar and Cleveland	1999	1.0 (0.9–1.11)
Redcar and Cleveland	2000	1.01 (0.9–1.14)
Redcar and Cleveland	2001	1.01 (0.9–1.12)
Redcar and Cleveland	2002	0.99 (0.89–1.11)
Redcar and Cleveland	2003	1.03 (0.92–1.16)
Redcar and Cleveland	2004	1.01 (0.9–1.14)
Redcar and Cleveland	2005	1.01 (0.9–1.13)
Redcar and Cleveland	2006	1.04 (0.92–1.17)
Redcar and Cleveland	2007	1.03 (0.91–1.17)
Redcar and Cleveland	2008	1.01 (0.89–1.16)
Redcar and Cleveland	2009	0.99 (0.88–1.12)
Redcar and Cleveland	2010	0.96 (0.86–1.08)
Redcar and Cleveland	2011	0.97 (0.86–1.09)
Redcar and Cleveland	2012	0.96 (0.86–1.09)
Redcar and Cleveland	2013	0.95 (0.83–1.09)
Redcar and Cleveland	2014	0.97 (0.84–1.11)
Redcar and Cleveland	2015	0.98 (0.84–1.13)
Redcar and Cleveland	2016	0.97 (0.84–1.11)
Redcar and Cleveland	2017	1.0 (0.82–1.21)
South Tyneside	1950	0.76 (0.63–0.91)
South Tyneside	1951	0.88 (0.72–1.05)
South Tyneside	1952	0.82 (0.67–0.99)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
South Tyneside	1953	0.83 (0.67–0.99)
South Tyneside	1954	0.78 (0.63–0.93)
South Tyneside	1955	0.77 (0.63–0.93)
South Tyneside	1956	0.76 (0.63–0.91)
South Tyneside	1957	0.77 (0.65–0.9)
South Tyneside	1958	0.76 (0.65–0.87)
South Tyneside	1959	0.76 (0.65–0.88)
South Tyneside	1960	0.77 (0.65–0.91)
South Tyneside	1961	0.78 (0.66–0.93)
South Tyneside	1962	0.81 (0.67–0.96)
South Tyneside	1963	0.81 (0.68–0.97)
South Tyneside	1964	0.79 (0.65–0.94)
South Tyneside	1965	0.78 (0.64–0.93)
South Tyneside	1966	0.8 (0.65–0.95)
South Tyneside	1967	0.79 (0.63–0.95)
South Tyneside	1968	0.82 (0.66–1.0)
South Tyneside	1969	0.83 (0.67–1.02)
South Tyneside	1970	0.87 (0.71–1.05)
South Tyneside	1971	0.89 (0.74–1.07)
South Tyneside	1972	0.9 (0.75–1.06)
South Tyneside	1973	0.9 (0.76–1.06)
South Tyneside	1974	0.91 (0.78–1.06)
South Tyneside	1975	0.91 (0.77–1.07)
South Tyneside	1976	0.88 (0.73–1.04)
South Tyneside	1977	0.9 (0.75–1.07)
South Tyneside	1978	0.94 (0.79–1.11)
South Tyneside	1979	0.96 (0.83–1.12)
South Tyneside	1980	0.94 (0.83–1.08)
South Tyneside	1981	0.9 (0.81–1.0)
South Tyneside	1982	0.93 (0.85–1.02)
South Tyneside	1983	0.96 (0.88–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
South Tyneside	1984	0.94 (0.87–1.03)
South Tyneside	1985	0.95 (0.87–1.04)
South Tyneside	1986	0.98 (0.9–1.06)
South Tyneside	1987	0.97 (0.89–1.06)
South Tyneside	1988	1.0 (0.91–1.08)
South Tyneside	1989	1.0 (0.92–1.09)
South Tyneside	1990	1.02 (0.93–1.1)
South Tyneside	1991	1.02 (0.94–1.12)
South Tyneside	1992	0.97 (0.89–1.07)
South Tyneside	1993	0.98 (0.89–1.07)
South Tyneside	1994	0.98 (0.88–1.07)
South Tyneside	1995	0.98 (0.88–1.08)
South Tyneside	1996	1.0 (0.89–1.11)
South Tyneside	1997	0.97 (0.87–1.08)
South Tyneside	1998	0.97 (0.86–1.07)
South Tyneside	1999	1.0 (0.9–1.11)
South Tyneside	2000	1.01 (0.9–1.14)
South Tyneside	2001	1.01 (0.9–1.12)
South Tyneside	2002	0.99 (0.89–1.11)
South Tyneside	2003	1.03 (0.92–1.16)
South Tyneside	2004	1.01 (0.9–1.14)
South Tyneside	2005	1.01 (0.9–1.13)
South Tyneside	2006	1.04 (0.92–1.17)
South Tyneside	2007	1.03 (0.91–1.17)
South Tyneside	2008	1.01 (0.89–1.16)
South Tyneside	2009	0.99 (0.88–1.12)
South Tyneside	2010	0.96 (0.86–1.08)
South Tyneside	2011	0.97 (0.86–1.09)
South Tyneside	2012	0.96 (0.86–1.09)
South Tyneside	2013	0.95 (0.83–1.09)
South Tyneside	2014	0.97 (0.84–1.11)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
South Tyneside	2015	0.98 (0.84–1.13)
South Tyneside	2016	0.97 (0.84–1.11)
South Tyneside	2017	1.0 (0.82–1.21)
Stockton-on-Tees	1950	0.76 (0.63–0.91)
Stockton-on-Tees	1951	0.88 (0.72–1.05)
Stockton-on-Tees	1952	0.82 (0.67–0.99)
Stockton-on-Tees	1953	0.83 (0.67–0.99)
Stockton-on-Tees	1954	0.78 (0.63–0.93)
Stockton-on-Tees	1955	0.78 (0.63–0.93)
Stockton-on-Tees	1956	0.76 (0.63–0.91)
Stockton-on-Tees	1957	0.77 (0.65–0.9)
Stockton-on-Tees	1958	0.76 (0.65–0.87)
Stockton-on-Tees	1959	0.76 (0.65–0.88)
Stockton-on-Tees	1960	0.77 (0.65–0.91)
Stockton-on-Tees	1961	0.79 (0.66–0.93)
Stockton-on-Tees	1962	0.81 (0.67–0.96)
Stockton-on-Tees	1963	0.81 (0.68–0.97)
Stockton-on-Tees	1964	0.79 (0.66–0.94)
Stockton-on-Tees	1965	0.78 (0.64–0.93)
Stockton-on-Tees	1966	0.8 (0.65–0.95)
Stockton-on-Tees	1967	0.79 (0.63–0.95)
Stockton-on-Tees	1968	0.82 (0.66–1.0)
Stockton-on-Tees	1969	0.83 (0.67–1.02)
Stockton-on-Tees	1970	0.87 (0.71–1.05)
Stockton-on-Tees	1971	0.89 (0.74–1.07)
Stockton-on-Tees	1972	0.9 (0.75–1.06)
Stockton-on-Tees	1973	0.9 (0.76–1.06)
Stockton-on-Tees	1974	0.91 (0.78–1.06)
Stockton-on-Tees	1975	0.91 (0.77–1.07)
Stockton-on-Tees	1976	0.88 (0.73–1.04)
Stockton-on-Tees	1977	0.9 (0.75–1.07)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Stockton-on-Tees	1978	0.94 (0.79–1.11)
Stockton-on-Tees	1979	0.96 (0.83–1.12)
Stockton-on-Tees	1980	0.94 (0.83–1.08)
Stockton-on-Tees	1981	0.9 (0.81–1.0)
Stockton-on-Tees	1982	0.93 (0.85–1.02)
Stockton-on-Tees	1983	0.96 (0.88–1.05)
Stockton-on-Tees	1984	0.94 (0.87–1.03)
Stockton-on-Tees	1985	0.95 (0.87–1.04)
Stockton-on-Tees	1986	0.98 (0.9–1.06)
Stockton-on-Tees	1987	0.97 (0.89–1.06)
Stockton-on-Tees	1988	1.0 (0.91–1.08)
Stockton-on-Tees	1989	1.0 (0.92–1.09)
Stockton-on-Tees	1990	1.02 (0.93–1.1)
Stockton-on-Tees	1991	1.02 (0.94–1.12)
Stockton-on-Tees	1992	0.97 (0.89–1.07)
Stockton-on-Tees	1993	0.98 (0.89–1.07)
Stockton-on-Tees	1994	0.98 (0.88–1.07)
Stockton-on-Tees	1995	0.98 (0.88–1.08)
Stockton-on-Tees	1996	1.0 (0.89–1.11)
Stockton-on-Tees	1997	0.97 (0.87–1.08)
Stockton-on-Tees	1998	0.97 (0.86–1.07)
Stockton-on-Tees	1999	1.0 (0.9–1.11)
Stockton-on-Tees	2000	1.01 (0.9–1.14)
Stockton-on-Tees	2001	1.01 (0.9–1.12)
Stockton-on-Tees	2002	0.99 (0.89–1.11)
Stockton-on-Tees	2003	1.03 (0.92–1.16)
Stockton-on-Tees	2004	1.01 (0.9–1.14)
Stockton-on-Tees	2005	1.01 (0.9–1.13)
Stockton-on-Tees	2006	1.04 (0.92–1.17)
Stockton-on-Tees	2007	1.03 (0.91–1.17)
Stockton-on-Tees	2008	1.01 (0.89–1.16)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Stockton-on-Tees	2009	0.99 (0.88–1.12)
Stockton-on-Tees	2010	0.96 (0.86–1.08)
Stockton-on-Tees	2011	0.97 (0.86–1.09)
Stockton-on-Tees	2012	0.96 (0.86–1.09)
Stockton-on-Tees	2013	0.95 (0.83–1.09)
Stockton-on-Tees	2014	0.97 (0.84–1.11)
Stockton-on-Tees	2015	0.98 (0.84–1.13)
Stockton-on-Tees	2016	0.97 (0.84–1.11)
Stockton-on-Tees	2017	1.0 (0.82–1.21)
Sunderland	1950	0.76 (0.63–0.91)
Sunderland	1951	0.88 (0.72–1.05)
Sunderland	1952	0.82 (0.67–0.99)
Sunderland	1953	0.83 (0.67–0.99)
Sunderland	1954	0.78 (0.63–0.93)
Sunderland	1955	0.78 (0.63–0.93)
Sunderland	1956	0.76 (0.63–0.91)
Sunderland	1957	0.77 (0.65–0.9)
Sunderland	1958	0.76 (0.65–0.87)
Sunderland	1959	0.76 (0.65–0.88)
Sunderland	1960	0.77 (0.65–0.91)
Sunderland	1961	0.79 (0.66–0.93)
Sunderland	1962	0.81 (0.67–0.96)
Sunderland	1963	0.81 (0.68–0.97)
Sunderland	1964	0.79 (0.66–0.94)
Sunderland	1965	0.78 (0.64–0.93)
Sunderland	1966	0.8 (0.65–0.95)
Sunderland	1967	0.79 (0.63–0.95)
Sunderland	1968	0.82 (0.66–1.0)
Sunderland	1969	0.83 (0.67–1.02)
Sunderland	1970	0.87 (0.71–1.05)
Sunderland	1971	0.89 (0.74–1.07)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sunderland	1972	0.9 (0.75–1.06)
Sunderland	1973	0.9 (0.76–1.06)
Sunderland	1974	0.91 (0.78–1.06)
Sunderland	1975	0.91 (0.77–1.07)
Sunderland	1976	0.88 (0.73–1.04)
Sunderland	1977	0.9 (0.75–1.07)
Sunderland	1978	0.94 (0.79–1.11)
Sunderland	1979	0.96 (0.83–1.12)
Sunderland	1980	0.94 (0.83–1.08)
Sunderland	1981	0.9 (0.81–1.0)
Sunderland	1982	0.93 (0.85–1.02)
Sunderland	1983	0.96 (0.88–1.05)
Sunderland	1984	0.94 (0.87–1.03)
Sunderland	1985	0.95 (0.87–1.04)
Sunderland	1986	0.98 (0.9–1.06)
Sunderland	1987	0.97 (0.89–1.06)
Sunderland	1988	1.0 (0.91–1.08)
Sunderland	1989	1.0 (0.92–1.09)
Sunderland	1990	1.02 (0.93–1.1)
Sunderland	1991	1.02 (0.94–1.12)
Sunderland	1992	0.97 (0.89–1.07)
Sunderland	1993	0.98 (0.89–1.07)
Sunderland	1994	0.98 (0.88–1.07)
Sunderland	1995	0.98 (0.88–1.08)
Sunderland	1996	1.0 (0.89–1.11)
Sunderland	1997	0.97 (0.87–1.08)
Sunderland	1998	0.97 (0.86–1.07)
Sunderland	1999	1.0 (0.9–1.11)
Sunderland	2000	1.01 (0.9–1.14)
Sunderland	2001	1.01 (0.9–1.12)
Sunderland	2002	0.99 (0.89–1.11)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sunderland	2003	1.03 (0.92–1.16)
Sunderland	2004	1.01 (0.9–1.14)
Sunderland	2005	1.01 (0.9–1.13)
Sunderland	2006	1.04 (0.92–1.17)
Sunderland	2007	1.03 (0.91–1.17)
Sunderland	2008	1.01 (0.89–1.16)
Sunderland	2009	0.99 (0.88–1.12)
Sunderland	2010	0.96 (0.86–1.08)
Sunderland	2011	0.97 (0.86–1.09)
Sunderland	2012	0.96 (0.86–1.09)
Sunderland	2013	0.95 (0.83–1.09)
Sunderland	2014	0.97 (0.84–1.11)
Sunderland	2015	0.98 (0.84–1.13)
Sunderland	2016	0.97 (0.84–1.11)
Sunderland	2017	1.0 (0.82–1.21)
North West England	1950	0.9 (0.74–1.08)
North West England	1951	1.04 (0.85–1.25)
North West England	1952	0.97 (0.8–1.17)
North West England	1953	0.98 (0.8–1.17)
North West England	1954	0.91 (0.75–1.1)
North West England	1955	0.91 (0.74–1.11)
North West England	1956	0.89 (0.73–1.09)
North West England	1957	0.9 (0.73–1.1)
North West England	1958	0.88 (0.71–1.07)
North West England	1959	0.87 (0.71–1.06)
North West England	1960	0.88 (0.71–1.06)
North West England	1961	0.89 (0.72–1.07)
North West England	1962	0.91 (0.74–1.09)
North West England	1963	0.91 (0.75–1.09)
North West England	1964	0.88 (0.72–1.05)
North West England	1965	0.85 (0.69–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North West England	1966	0.87 (0.71–1.04)
North West England	1967	0.85 (0.69–1.02)
North West England	1968	0.88 (0.72–1.05)
North West England	1969	0.89 (0.73–1.06)
North West England	1970	0.91 (0.76–1.08)
North West England	1971	0.93 (0.78–1.1)
North West England	1972	0.93 (0.78–1.11)
North West England	1973	0.93 (0.78–1.12)
North West England	1974	0.94 (0.79–1.11)
North West England	1975	0.93 (0.79–1.1)
North West England	1976	0.9 (0.77–1.04)
North West England	1977	0.92 (0.8–1.04)
North West England	1978	0.96 (0.85–1.08)
North West England	1979	0.98 (0.9–1.08)
North West England	1980	0.97 (0.9–1.04)
North West England	1981	0.93 (0.89–0.97)
North West England	1982	0.98 (0.95–1.01)
North West England	1983	1.0 (0.97–1.03)
North West England	1984	0.98 (0.95–1.01)
North West England	1985	0.99 (0.95–1.02)
North West England	1986	0.99 (0.97–1.02)
North West England	1987	0.99 (0.96–1.01)
North West England	1988	1.0 (0.97–1.03)
North West England	1989	0.99 (0.97–1.01)
North West England	1990	1.0 (0.98–1.02)
North West England	1991	1.0 (0.98–1.02)
North West England	1992	0.97 (0.95–1.0)
North West England	1993	1.0 (0.97–1.02)
North West England	1994	1.01 (0.98–1.04)
North West England	1995	1.02 (0.99–1.05)
North West England	1996	1.04 (1.01–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North West England	1997	1.01 (0.97–1.05)
North West England	1998	1.0 (0.96–1.03)
North West England	1999	1.02 (0.99–1.06)
North West England	2000	1.01 (0.95–1.09)
North West England	2001	1.0 (0.96–1.04)
North West England	2002	0.98 (0.95–1.02)
North West England	2003	1.02 (0.98–1.06)
North West England	2004	0.99 (0.96–1.02)
North West England	2005	0.99 (0.95–1.03)
North West England	2006	1.01 (0.97–1.05)
North West England	2007	1.01 (0.98–1.05)
North West England	2008	1.01 (0.98–1.04)
North West England	2009	1.0 (0.96–1.04)
North West England	2010	0.98 (0.95–1.02)
North West England	2011	1.0 (0.96–1.04)
North West England	2012	1.0 (0.96–1.04)
North West England	2013	0.99 (0.95–1.02)
North West England	2014	0.99 (0.95–1.03)
North West England	2015	1.0 (0.96–1.04)
North West England	2016	1.0 (0.94–1.05)
North West England	2017	1.02 (0.92–1.14)
Blackburn with Darwen	1950	0.57 (0.47–0.68)
Blackburn with Darwen	1951	0.67 (0.55–0.8)
Blackburn with Darwen	1952	0.63 (0.52–0.75)
Blackburn with Darwen	1953	0.64 (0.52–0.76)
Blackburn with Darwen	1954	0.6 (0.5–0.71)
Blackburn with Darwen	1955	0.61 (0.51–0.71)
Blackburn with Darwen	1956	0.6 (0.5–0.7)
Blackburn with Darwen	1957	0.61 (0.52–0.72)
Blackburn with Darwen	1958	0.61 (0.51–0.71)
Blackburn with Darwen	1959	0.61 (0.51–0.72)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Blackburn with Darwen	1960	0.63 (0.53–0.74)
Blackburn with Darwen	1961	0.64 (0.54–0.77)
Blackburn with Darwen	1962	0.67 (0.55–0.8)
Blackburn with Darwen	1963	0.68 (0.56–0.81)
Blackburn with Darwen	1964	0.67 (0.55–0.8)
Blackburn with Darwen	1965	0.66 (0.54–0.79)
Blackburn with Darwen	1966	0.68 (0.56–0.82)
Blackburn with Darwen	1967	0.68 (0.55–0.81)
Blackburn with Darwen	1968	0.72 (0.58–0.86)
Blackburn with Darwen	1969	0.74 (0.6–0.88)
Blackburn with Darwen	1970	0.77 (0.63–0.92)
Blackburn with Darwen	1971	0.8 (0.67–0.95)
Blackburn with Darwen	1972	0.81 (0.68–0.96)
Blackburn with Darwen	1973	0.83 (0.7–0.96)
Blackburn with Darwen	1974	0.85 (0.73–0.98)
Blackburn with Darwen	1975	0.86 (0.74–0.99)
Blackburn with Darwen	1976	0.84 (0.72–0.97)
Blackburn with Darwen	1977	0.87 (0.76–0.99)
Blackburn with Darwen	1978	0.92 (0.82–1.04)
Blackburn with Darwen	1979	0.95 (0.86–1.06)
Blackburn with Darwen	1980	0.95 (0.86–1.03)
Blackburn with Darwen	1981	0.91 (0.84–0.98)
Blackburn with Darwen	1982	0.97 (0.9–1.04)
Blackburn with Darwen	1983	0.95 (0.89–1.02)
Blackburn with Darwen	1984	0.92 (0.86–0.98)
Blackburn with Darwen	1985	0.97 (0.9–1.03)
Blackburn with Darwen	1986	1.01 (0.96–1.08)
Blackburn with Darwen	1987	1.02 (0.94–1.1)
Blackburn with Darwen	1988	1.04 (0.98–1.11)
Blackburn with Darwen	1989	1.02 (0.95–1.08)
Blackburn with Darwen	1990	1.02 (0.94–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Blackburn with Darwen	1991	1.0 (0.93–1.06)
Blackburn with Darwen	1992	0.92 (0.85–0.98)
Blackburn with Darwen	1993	0.91 (0.85–0.98)
Blackburn with Darwen	1994	0.92 (0.84–1.0)
Blackburn with Darwen	1995	0.95 (0.87–1.04)
Blackburn with Darwen	1996	0.99 (0.91–1.08)
Blackburn with Darwen	1997	1.01 (0.93–1.1)
Blackburn with Darwen	1998	0.99 (0.91–1.08)
Blackburn with Darwen	1999	1.04 (0.95–1.14)
Blackburn with Darwen	2000	1.01 (0.92–1.12)
Blackburn with Darwen	2001	1.0 (0.93–1.09)
Blackburn with Darwen	2002	0.99 (0.91–1.08)
Blackburn with Darwen	2003	1.06 (0.97–1.16)
Blackburn with Darwen	2004	1.02 (0.94–1.12)
Blackburn with Darwen	2005	1.04 (0.94–1.14)
Blackburn with Darwen	2006	1.07 (0.97–1.17)
Blackburn with Darwen	2007	1.05 (0.95–1.17)
Blackburn with Darwen	2008	1.04 (0.95–1.15)
Blackburn with Darwen	2009	1.02 (0.93–1.11)
Blackburn with Darwen	2010	0.99 (0.91–1.08)
Blackburn with Darwen	2011	1.0 (0.91–1.1)
Blackburn with Darwen	2012	0.97 (0.88–1.06)
Blackburn with Darwen	2013	0.94 (0.86–1.02)
Blackburn with Darwen	2014	0.96 (0.86–1.06)
Blackburn with Darwen	2015	0.99 (0.88–1.1)
Blackburn with Darwen	2016	1.04 (0.95–1.15)
Blackburn with Darwen	2017	1.06 (0.9–1.23)
Blackpool	1950	0.57 (0.47–0.68)
Blackpool	1951	0.67 (0.55–0.8)
Blackpool	1952	0.63 (0.52–0.75)
Blackpool	1953	0.64 (0.52–0.76)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Blackpool	1954	0.6 (0.5–0.71)
Blackpool	1955	0.6 (0.51–0.71)
Blackpool	1956	0.6 (0.5–0.7)
Blackpool	1957	0.61 (0.52–0.72)
Blackpool	1958	0.61 (0.51–0.71)
Blackpool	1959	0.61 (0.51–0.72)
Blackpool	1960	0.63 (0.53–0.74)
Blackpool	1961	0.64 (0.54–0.77)
Blackpool	1962	0.67 (0.55–0.8)
Blackpool	1963	0.68 (0.56–0.81)
Blackpool	1964	0.67 (0.55–0.8)
Blackpool	1965	0.66 (0.54–0.79)
Blackpool	1966	0.68 (0.56–0.82)
Blackpool	1967	0.68 (0.55–0.81)
Blackpool	1968	0.72 (0.58–0.86)
Blackpool	1969	0.73 (0.6–0.88)
Blackpool	1970	0.77 (0.63–0.92)
Blackpool	1971	0.8 (0.67–0.95)
Blackpool	1972	0.81 (0.68–0.96)
Blackpool	1973	0.83 (0.7–0.96)
Blackpool	1974	0.85 (0.73–0.98)
Blackpool	1975	0.86 (0.74–0.99)
Blackpool	1976	0.84 (0.72–0.97)
Blackpool	1977	0.87 (0.76–0.99)
Blackpool	1978	0.92 (0.82–1.04)
Blackpool	1979	0.95 (0.85–1.06)
Blackpool	1980	0.95 (0.86–1.03)
Blackpool	1981	0.91 (0.84–0.98)
Blackpool	1982	0.97 (0.9–1.04)
Blackpool	1983	0.95 (0.89–1.02)
Blackpool	1984	0.92 (0.86–0.98)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Blackpool	1985	0.97 (0.9–1.03)
Blackpool	1986	1.01 (0.96–1.08)
Blackpool	1987	1.02 (0.94–1.1)
Blackpool	1988	1.04 (0.98–1.11)
Blackpool	1989	1.02 (0.95–1.08)
Blackpool	1990	1.02 (0.94–1.1)
Blackpool	1991	1.0 (0.93–1.06)
Blackpool	1992	0.92 (0.85–0.98)
Blackpool	1993	0.91 (0.85–0.98)
Blackpool	1994	0.92 (0.84–1.0)
Blackpool	1995	0.95 (0.87–1.04)
Blackpool	1996	0.99 (0.91–1.08)
Blackpool	1997	1.01 (0.93–1.1)
Blackpool	1998	0.99 (0.91–1.08)
Blackpool	1999	1.04 (0.95–1.14)
Blackpool	2000	1.01 (0.92–1.12)
Blackpool	2001	1.0 (0.93–1.09)
Blackpool	2002	0.99 (0.91–1.08)
Blackpool	2003	1.06 (0.97–1.16)
Blackpool	2004	1.02 (0.94–1.12)
Blackpool	2005	1.04 (0.94–1.14)
Blackpool	2006	1.07 (0.97–1.17)
Blackpool	2007	1.05 (0.95–1.17)
Blackpool	2008	1.04 (0.95–1.15)
Blackpool	2009	1.02 (0.93–1.11)
Blackpool	2010	0.99 (0.91–1.08)
Blackpool	2011	1.0 (0.91–1.1)
Blackpool	2012	0.97 (0.88–1.06)
Blackpool	2013	0.94 (0.86–1.02)
Blackpool	2014	0.96 (0.86–1.06)
Blackpool	2015	0.99 (0.88–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Blackpool	2016	1.04 (0.95–1.15)
Blackpool	2017	1.06 (0.9–1.23)
Bolton	1950	0.57 (0.47–0.68)
Bolton	1951	0.67 (0.55–0.8)
Bolton	1952	0.63 (0.52–0.75)
Bolton	1953	0.64 (0.52–0.76)
Bolton	1954	0.6 (0.5–0.71)
Bolton	1955	0.61 (0.51–0.71)
Bolton	1956	0.6 (0.5–0.7)
Bolton	1957	0.61 (0.52–0.72)
Bolton	1958	0.61 (0.51–0.71)
Bolton	1959	0.61 (0.51–0.72)
Bolton	1960	0.63 (0.53–0.74)
Bolton	1961	0.64 (0.54–0.77)
Bolton	1962	0.67 (0.56–0.8)
Bolton	1963	0.68 (0.56–0.81)
Bolton	1964	0.67 (0.55–0.8)
Bolton	1965	0.66 (0.54–0.79)
Bolton	1966	0.68 (0.56–0.82)
Bolton	1967	0.68 (0.55–0.81)
Bolton	1968	0.72 (0.59–0.86)
Bolton	1969	0.74 (0.6–0.88)
Bolton	1970	0.77 (0.63–0.92)
Bolton	1971	0.8 (0.67–0.95)
Bolton	1972	0.81 (0.68–0.96)
Bolton	1973	0.83 (0.7–0.96)
Bolton	1974	0.85 (0.73–0.98)
Bolton	1975	0.86 (0.74–0.99)
Bolton	1976	0.84 (0.72–0.97)
Bolton	1977	0.87 (0.76–0.99)
Bolton	1978	0.92 (0.82–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bolton	1979	0.95 (0.85–1.06)
Bolton	1980	0.95 (0.86–1.03)
Bolton	1981	0.91 (0.84–0.98)
Bolton	1982	0.97 (0.9–1.04)
Bolton	1983	0.95 (0.89–1.02)
Bolton	1984	0.92 (0.86–0.98)
Bolton	1985	0.97 (0.9–1.03)
Bolton	1986	1.01 (0.96–1.08)
Bolton	1987	1.02 (0.94–1.1)
Bolton	1988	1.04 (0.98–1.11)
Bolton	1989	1.02 (0.95–1.08)
Bolton	1990	1.02 (0.94–1.1)
Bolton	1991	1.0 (0.93–1.06)
Bolton	1992	0.92 (0.85–0.98)
Bolton	1993	0.91 (0.85–0.98)
Bolton	1994	0.92 (0.84–1.0)
Bolton	1995	0.95 (0.87–1.04)
Bolton	1996	0.99 (0.91–1.08)
Bolton	1997	1.01 (0.93–1.1)
Bolton	1998	0.99 (0.91–1.08)
Bolton	1999	1.04 (0.95–1.14)
Bolton	2000	1.01 (0.92–1.12)
Bolton	2001	1.0 (0.93–1.09)
Bolton	2002	0.99 (0.91–1.08)
Bolton	2003	1.06 (0.97–1.16)
Bolton	2004	1.02 (0.94–1.12)
Bolton	2005	1.04 (0.94–1.14)
Bolton	2006	1.07 (0.97–1.17)
Bolton	2007	1.05 (0.95–1.17)
Bolton	2008	1.04 (0.95–1.15)
Bolton	2009	1.02 (0.93–1.11)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bolton	2010	0.99 (0.91–1.08)
Bolton	2011	1.0 (0.91–1.1)
Bolton	2012	0.97 (0.88–1.06)
Bolton	2013	0.94 (0.86–1.02)
Bolton	2014	0.96 (0.86–1.06)
Bolton	2015	0.99 (0.88–1.1)
Bolton	2016	1.04 (0.95–1.15)
Bolton	2017	1.06 (0.9–1.23)
Bury	1950	0.57 (0.47–0.68)
Bury	1951	0.67 (0.55–0.8)
Bury	1952	0.63 (0.52–0.75)
Bury	1953	0.64 (0.52–0.76)
Bury	1954	0.6 (0.5–0.71)
Bury	1955	0.61 (0.51–0.71)
Bury	1956	0.6 (0.5–0.7)
Bury	1957	0.61 (0.52–0.72)
Bury	1958	0.61 (0.51–0.71)
Bury	1959	0.61 (0.51–0.72)
Bury	1960	0.63 (0.53–0.74)
Bury	1961	0.64 (0.54–0.77)
Bury	1962	0.67 (0.56–0.8)
Bury	1963	0.68 (0.56–0.81)
Bury	1964	0.67 (0.55–0.8)
Bury	1965	0.66 (0.54–0.79)
Bury	1966	0.68 (0.56–0.82)
Bury	1967	0.68 (0.55–0.81)
Bury	1968	0.72 (0.59–0.86)
Bury	1969	0.74 (0.6–0.88)
Bury	1970	0.77 (0.63–0.92)
Bury	1971	0.8 (0.67–0.95)
Bury	1972	0.81 (0.68–0.96)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bury	1973	0.83 (0.7–0.96)
Bury	1974	0.85 (0.73–0.98)
Bury	1975	0.86 (0.74–0.99)
Bury	1976	0.84 (0.72–0.97)
Bury	1977	0.87 (0.76–0.99)
Bury	1978	0.92 (0.82–1.04)
Bury	1979	0.95 (0.86–1.06)
Bury	1980	0.95 (0.86–1.03)
Bury	1981	0.91 (0.84–0.98)
Bury	1982	0.97 (0.9–1.04)
Bury	1983	0.95 (0.89–1.02)
Bury	1984	0.92 (0.86–0.98)
Bury	1985	0.97 (0.9–1.03)
Bury	1986	1.01 (0.96–1.08)
Bury	1987	1.02 (0.94–1.1)
Bury	1988	1.04 (0.98–1.11)
Bury	1989	1.02 (0.95–1.08)
Bury	1990	1.02 (0.94–1.1)
Bury	1991	1.0 (0.93–1.06)
Bury	1992	0.92 (0.85–0.98)
Bury	1993	0.91 (0.85–0.98)
Bury	1994	0.92 (0.84–1.0)
Bury	1995	0.95 (0.87–1.04)
Bury	1996	0.99 (0.91–1.08)
Bury	1997	1.01 (0.93–1.1)
Bury	1998	0.99 (0.91–1.08)
Bury	1999	1.04 (0.95–1.14)
Bury	2000	1.01 (0.92–1.12)
Bury	2001	1.0 (0.93–1.09)
Bury	2002	0.99 (0.91–1.08)
Bury	2003	1.06 (0.97–1.16)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bury	2004	1.02 (0.94–1.12)
Bury	2005	1.04 (0.94–1.14)
Bury	2006	1.07 (0.97–1.17)
Bury	2007	1.05 (0.95–1.17)
Bury	2008	1.04 (0.95–1.15)
Bury	2009	1.02 (0.93–1.11)
Bury	2010	0.99 (0.91–1.08)
Bury	2011	1.0 (0.91–1.1)
Bury	2012	0.97 (0.88–1.06)
Bury	2013	0.94 (0.86–1.02)
Bury	2014	0.96 (0.86–1.06)
Bury	2015	0.99 (0.88–1.1)
Bury	2016	1.04 (0.95–1.15)
Bury	2017	1.06 (0.9–1.23)
Cheshire East	1950	0.57 (0.47–0.68)
Cheshire East	1951	0.67 (0.55–0.8)
Cheshire East	1952	0.63 (0.52–0.75)
Cheshire East	1953	0.64 (0.52–0.76)
Cheshire East	1954	0.6 (0.5–0.71)
Cheshire East	1955	0.6 (0.51–0.71)
Cheshire East	1956	0.6 (0.5–0.7)
Cheshire East	1957	0.61 (0.52–0.72)
Cheshire East	1958	0.61 (0.51–0.71)
Cheshire East	1959	0.61 (0.51–0.72)
Cheshire East	1960	0.63 (0.52–0.74)
Cheshire East	1961	0.64 (0.54–0.77)
Cheshire East	1962	0.67 (0.55–0.8)
Cheshire East	1963	0.68 (0.56–0.81)
Cheshire East	1964	0.67 (0.55–0.8)
Cheshire East	1965	0.66 (0.54–0.79)
Cheshire East	1966	0.68 (0.56–0.82)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Cheshire East	1967	0.68 (0.55–0.81)
Cheshire East	1968	0.72 (0.58–0.86)
Cheshire East	1969	0.73 (0.6–0.88)
Cheshire East	1970	0.77 (0.63–0.92)
Cheshire East	1971	0.8 (0.67–0.95)
Cheshire East	1972	0.81 (0.68–0.96)
Cheshire East	1973	0.83 (0.7–0.96)
Cheshire East	1974	0.85 (0.73–0.98)
Cheshire East	1975	0.86 (0.74–0.99)
Cheshire East	1976	0.84 (0.72–0.97)
Cheshire East	1977	0.87 (0.76–0.99)
Cheshire East	1978	0.92 (0.82–1.04)
Cheshire East	1979	0.95 (0.85–1.06)
Cheshire East	1980	0.95 (0.86–1.03)
Cheshire East	1981	0.91 (0.84–0.98)
Cheshire East	1982	0.97 (0.9–1.04)
Cheshire East	1983	0.95 (0.89–1.02)
Cheshire East	1984	0.92 (0.86–0.98)
Cheshire East	1985	0.97 (0.9–1.03)
Cheshire East	1986	1.01 (0.96–1.08)
Cheshire East	1987	1.02 (0.94–1.1)
Cheshire East	1988	1.04 (0.98–1.11)
Cheshire East	1989	1.02 (0.95–1.08)
Cheshire East	1990	1.02 (0.94–1.1)
Cheshire East	1991	1.0 (0.93–1.06)
Cheshire East	1992	0.92 (0.85–0.98)
Cheshire East	1993	0.91 (0.85–0.98)
Cheshire East	1994	0.92 (0.84–1.0)
Cheshire East	1995	0.95 (0.87–1.04)
Cheshire East	1996	0.99 (0.91–1.08)
Cheshire East	1997	1.01 (0.93–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Cheshire East	1998	0.99 (0.91–1.08)
Cheshire East	1999	1.04 (0.95–1.14)
Cheshire East	2000	1.01 (0.92–1.12)
Cheshire East	2001	1.0 (0.93–1.09)
Cheshire East	2002	0.99 (0.91–1.08)
Cheshire East	2003	1.06 (0.97–1.16)
Cheshire East	2004	1.02 (0.94–1.12)
Cheshire East	2005	1.04 (0.94–1.14)
Cheshire East	2006	1.07 (0.97–1.17)
Cheshire East	2007	1.05 (0.95–1.17)
Cheshire East	2008	1.04 (0.95–1.15)
Cheshire East	2009	1.02 (0.93–1.11)
Cheshire East	2010	0.99 (0.91–1.08)
Cheshire East	2011	1.0 (0.91–1.1)
Cheshire East	2012	0.97 (0.88–1.06)
Cheshire East	2013	0.94 (0.86–1.02)
Cheshire East	2014	0.96 (0.86–1.06)
Cheshire East	2015	0.99 (0.88–1.1)
Cheshire East	2016	1.04 (0.95–1.15)
Cheshire East	2017	1.06 (0.9–1.23)
Cheshire West and Chester	1950	0.57 (0.47–0.68)
Cheshire West and Chester	1951	0.67 (0.55–0.8)
Cheshire West and Chester	1952	0.63 (0.52–0.75)
Cheshire West and Chester	1953	0.63 (0.52–0.76)
Cheshire West and Chester	1954	0.6 (0.5–0.71)
Cheshire West and Chester	1955	0.6 (0.51–0.71)
Cheshire West and Chester	1956	0.6 (0.5–0.7)
Cheshire West and Chester	1957	0.61 (0.52–0.72)
Cheshire West and Chester	1958	0.61 (0.51–0.71)
Cheshire West and Chester	1959	0.61 (0.51–0.72)
Cheshire West and Chester	1960	0.63 (0.52–0.74)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Cheshire West and Chester	1961	0.64 (0.54–0.77)
Cheshire West and Chester	1962	0.67 (0.55–0.8)
Cheshire West and Chester	1963	0.68 (0.56–0.81)
Cheshire West and Chester	1964	0.67 (0.55–0.8)
Cheshire West and Chester	1965	0.66 (0.54–0.79)
Cheshire West and Chester	1966	0.68 (0.56–0.82)
Cheshire West and Chester	1967	0.68 (0.55–0.81)
Cheshire West and Chester	1968	0.72 (0.58–0.86)
Cheshire West and Chester	1969	0.73 (0.6–0.88)
Cheshire West and Chester	1970	0.77 (0.63–0.92)
Cheshire West and Chester	1971	0.8 (0.67–0.95)
Cheshire West and Chester	1972	0.81 (0.68–0.96)
Cheshire West and Chester	1973	0.83 (0.7–0.96)
Cheshire West and Chester	1974	0.85 (0.73–0.98)
Cheshire West and Chester	1975	0.86 (0.74–0.99)
Cheshire West and Chester	1976	0.84 (0.72–0.97)
Cheshire West and Chester	1977	0.87 (0.75–0.99)
Cheshire West and Chester	1978	0.92 (0.82–1.04)
Cheshire West and Chester	1979	0.95 (0.85–1.06)
Cheshire West and Chester	1980	0.95 (0.86–1.03)
Cheshire West and Chester	1981	0.91 (0.84–0.98)
Cheshire West and Chester	1982	0.97 (0.9–1.04)
Cheshire West and Chester	1983	0.95 (0.89–1.02)
Cheshire West and Chester	1984	0.92 (0.86–0.98)
Cheshire West and Chester	1985	0.97 (0.9–1.03)
Cheshire West and Chester	1986	1.01 (0.96–1.08)
Cheshire West and Chester	1987	1.02 (0.94–1.1)
Cheshire West and Chester	1988	1.04 (0.98–1.11)
Cheshire West and Chester	1989	1.02 (0.95–1.08)
Cheshire West and Chester	1990	1.02 (0.94–1.1)
Cheshire West and Chester	1991	1.0 (0.93–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Cheshire West and Chester	1992	0.92 (0.85–0.98)
Cheshire West and Chester	1993	0.91 (0.85–0.98)
Cheshire West and Chester	1994	0.92 (0.84–1.0)
Cheshire West and Chester	1995	0.95 (0.87–1.04)
Cheshire West and Chester	1996	0.99 (0.91–1.08)
Cheshire West and Chester	1997	1.01 (0.93–1.1)
Cheshire West and Chester	1998	0.99 (0.91–1.08)
Cheshire West and Chester	1999	1.04 (0.95–1.14)
Cheshire West and Chester	2000	1.01 (0.92–1.12)
Cheshire West and Chester	2001	1.0 (0.93–1.09)
Cheshire West and Chester	2002	0.99 (0.91–1.08)
Cheshire West and Chester	2003	1.06 (0.97–1.16)
Cheshire West and Chester	2004	1.02 (0.94–1.12)
Cheshire West and Chester	2005	1.04 (0.94–1.14)
Cheshire West and Chester	2006	1.07 (0.97–1.17)
Cheshire West and Chester	2007	1.05 (0.95–1.17)
Cheshire West and Chester	2008	1.04 (0.95–1.15)
Cheshire West and Chester	2009	1.02 (0.93–1.11)
Cheshire West and Chester	2010	0.99 (0.91–1.08)
Cheshire West and Chester	2011	1.0 (0.91–1.1)
Cheshire West and Chester	2012	0.97 (0.88–1.06)
Cheshire West and Chester	2013	0.94 (0.86–1.02)
Cheshire West and Chester	2014	0.96 (0.86–1.06)
Cheshire West and Chester	2015	0.99 (0.88–1.1)
Cheshire West and Chester	2016	1.04 (0.95–1.15)
Cheshire West and Chester	2017	1.06 (0.9–1.23)
Cumbria	1950	0.57 (0.47–0.68)
Cumbria	1951	0.67 (0.55–0.8)
Cumbria	1952	0.63 (0.52–0.75)
Cumbria	1953	0.64 (0.52–0.76)
Cumbria	1954	0.6 (0.5–0.71)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Cumbria	1955	0.6 (0.51–0.71)
Cumbria	1956	0.6 (0.5–0.7)
Cumbria	1957	0.61 (0.52–0.72)
Cumbria	1958	0.61 (0.51–0.71)
Cumbria	1959	0.61 (0.51–0.72)
Cumbria	1960	0.63 (0.53–0.74)
Cumbria	1961	0.64 (0.54–0.77)
Cumbria	1962	0.67 (0.55–0.8)
Cumbria	1963	0.68 (0.56–0.81)
Cumbria	1964	0.67 (0.55–0.8)
Cumbria	1965	0.66 (0.54–0.79)
Cumbria	1966	0.68 (0.56–0.82)
Cumbria	1967	0.68 (0.55–0.81)
Cumbria	1968	0.72 (0.58–0.86)
Cumbria	1969	0.73 (0.6–0.88)
Cumbria	1970	0.77 (0.63–0.92)
Cumbria	1971	0.8 (0.67–0.95)
Cumbria	1972	0.81 (0.68–0.96)
Cumbria	1973	0.83 (0.7–0.96)
Cumbria	1974	0.85 (0.73–0.98)
Cumbria	1975	0.86 (0.74–0.99)
Cumbria	1976	0.84 (0.72–0.97)
Cumbria	1977	0.87 (0.75–0.99)
Cumbria	1978	0.92 (0.82–1.04)
Cumbria	1979	0.95 (0.85–1.06)
Cumbria	1980	0.95 (0.86–1.03)
Cumbria	1981	0.91 (0.84–0.98)
Cumbria	1982	0.97 (0.9–1.04)
Cumbria	1983	0.95 (0.89–1.02)
Cumbria	1984	0.92 (0.86–0.98)
Cumbria	1985	0.97 (0.9–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Cumbria	1986	1.01 (0.96–1.08)
Cumbria	1987	1.02 (0.94–1.1)
Cumbria	1988	1.04 (0.98–1.11)
Cumbria	1989	1.02 (0.95–1.08)
Cumbria	1990	1.02 (0.94–1.1)
Cumbria	1991	1.0 (0.93–1.06)
Cumbria	1992	0.92 (0.85–0.98)
Cumbria	1993	0.91 (0.85–0.98)
Cumbria	1994	0.92 (0.84–1.0)
Cumbria	1995	0.95 (0.87–1.04)
Cumbria	1996	0.99 (0.91–1.08)
Cumbria	1997	1.01 (0.93–1.1)
Cumbria	1998	0.99 (0.91–1.08)
Cumbria	1999	1.04 (0.95–1.14)
Cumbria	2000	1.01 (0.92–1.12)
Cumbria	2001	1.0 (0.93–1.09)
Cumbria	2002	0.99 (0.91–1.08)
Cumbria	2003	1.06 (0.97–1.16)
Cumbria	2004	1.02 (0.94–1.12)
Cumbria	2005	1.04 (0.94–1.14)
Cumbria	2006	1.07 (0.97–1.17)
Cumbria	2007	1.05 (0.95–1.17)
Cumbria	2008	1.04 (0.95–1.15)
Cumbria	2009	1.02 (0.93–1.11)
Cumbria	2010	0.99 (0.91–1.08)
Cumbria	2011	1.0 (0.91–1.1)
Cumbria	2012	0.97 (0.88–1.06)
Cumbria	2013	0.94 (0.86–1.02)
Cumbria	2014	0.96 (0.86–1.06)
Cumbria	2015	0.99 (0.88–1.1)
Cumbria	2016	1.04 (0.95–1.15)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Cumbria	2017	1.06 (0.9–1.23)
Halton	1950	0.57 (0.47–0.68)
Halton	1951	0.67 (0.55–0.8)
Halton	1952	0.63 (0.52–0.75)
Halton	1953	0.64 (0.52–0.76)
Halton	1954	0.6 (0.5–0.71)
Halton	1955	0.6 (0.51–0.71)
Halton	1956	0.6 (0.5–0.7)
Halton	1957	0.61 (0.52–0.72)
Halton	1958	0.61 (0.51–0.71)
Halton	1959	0.61 (0.51–0.72)
Halton	1960	0.63 (0.52–0.74)
Halton	1961	0.64 (0.54–0.77)
Halton	1962	0.67 (0.55–0.8)
Halton	1963	0.68 (0.56–0.81)
Halton	1964	0.67 (0.55–0.8)
Halton	1965	0.66 (0.54–0.79)
Halton	1966	0.68 (0.56–0.82)
Halton	1967	0.68 (0.55–0.81)
Halton	1968	0.72 (0.58–0.86)
Halton	1969	0.73 (0.6–0.88)
Halton	1970	0.77 (0.63–0.92)
Halton	1971	0.8 (0.67–0.95)
Halton	1972	0.81 (0.68–0.96)
Halton	1973	0.83 (0.7–0.96)
Halton	1974	0.85 (0.73–0.98)
Halton	1975	0.86 (0.74–0.99)
Halton	1976	0.84 (0.72–0.97)
Halton	1977	0.87 (0.75–0.99)
Halton	1978	0.92 (0.82–1.04)
Halton	1979	0.95 (0.85–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Halton	1980	0.95 (0.86–1.03)
Halton	1981	0.91 (0.84–0.98)
Halton	1982	0.97 (0.9–1.04)
Halton	1983	0.95 (0.89–1.02)
Halton	1984	0.92 (0.86–0.98)
Halton	1985	0.97 (0.9–1.03)
Halton	1986	1.01 (0.96–1.08)
Halton	1987	1.02 (0.94–1.1)
Halton	1988	1.04 (0.98–1.11)
Halton	1989	1.02 (0.95–1.08)
Halton	1990	1.02 (0.94–1.1)
Halton	1991	1.0 (0.93–1.06)
Halton	1992	0.92 (0.85–0.98)
Halton	1993	0.91 (0.85–0.98)
Halton	1994	0.92 (0.84–1.0)
Halton	1995	0.95 (0.87–1.04)
Halton	1996	0.99 (0.91–1.08)
Halton	1997	1.01 (0.93–1.1)
Halton	1998	0.99 (0.91–1.08)
Halton	1999	1.04 (0.95–1.14)
Halton	2000	1.01 (0.92–1.12)
Halton	2001	1.0 (0.93–1.09)
Halton	2002	0.99 (0.91–1.08)
Halton	2003	1.06 (0.97–1.16)
Halton	2004	1.02 (0.94–1.12)
Halton	2005	1.04 (0.94–1.14)
Halton	2006	1.07 (0.97–1.17)
Halton	2007	1.05 (0.95–1.17)
Halton	2008	1.04 (0.95–1.15)
Halton	2009	1.02 (0.93–1.11)
Halton	2010	0.99 (0.91–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Halton	2011	1.0 (0.91–1.1)
Halton	2012	0.97 (0.88–1.06)
Halton	2013	0.94 (0.86–1.02)
Halton	2014	0.96 (0.86–1.06)
Halton	2015	0.99 (0.88–1.1)
Halton	2016	1.04 (0.95–1.15)
Halton	2017	1.06 (0.9–1.23)
Knowsley	1950	0.57 (0.47–0.68)
Knowsley	1951	0.67 (0.55–0.8)
Knowsley	1952	0.63 (0.52–0.75)
Knowsley	1953	0.64 (0.52–0.76)
Knowsley	1954	0.6 (0.5–0.71)
Knowsley	1955	0.6 (0.51–0.71)
Knowsley	1956	0.6 (0.5–0.7)
Knowsley	1957	0.61 (0.52–0.72)
Knowsley	1958	0.61 (0.51–0.71)
Knowsley	1959	0.61 (0.51–0.72)
Knowsley	1960	0.63 (0.53–0.74)
Knowsley	1961	0.64 (0.54–0.77)
Knowsley	1962	0.67 (0.55–0.8)
Knowsley	1963	0.68 (0.56–0.81)
Knowsley	1964	0.67 (0.55–0.8)
Knowsley	1965	0.66 (0.54–0.79)
Knowsley	1966	0.68 (0.56–0.82)
Knowsley	1967	0.68 (0.55–0.81)
Knowsley	1968	0.72 (0.58–0.86)
Knowsley	1969	0.74 (0.6–0.88)
Knowsley	1970	0.77 (0.63–0.92)
Knowsley	1971	0.8 (0.67–0.95)
Knowsley	1972	0.81 (0.68–0.96)
Knowsley	1973	0.83 (0.7–0.96)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Knowsley	1974	0.85 (0.73–0.98)
Knowsley	1975	0.86 (0.74–0.99)
Knowsley	1976	0.84 (0.72–0.97)
Knowsley	1977	0.87 (0.76–0.99)
Knowsley	1978	0.92 (0.82–1.04)
Knowsley	1979	0.95 (0.85–1.06)
Knowsley	1980	0.95 (0.86–1.03)
Knowsley	1981	0.91 (0.84–0.98)
Knowsley	1982	0.97 (0.9–1.04)
Knowsley	1983	0.95 (0.89–1.02)
Knowsley	1984	0.92 (0.86–0.98)
Knowsley	1985	0.97 (0.9–1.03)
Knowsley	1986	1.01 (0.96–1.08)
Knowsley	1987	1.02 (0.94–1.1)
Knowsley	1988	1.04 (0.98–1.11)
Knowsley	1989	1.02 (0.95–1.08)
Knowsley	1990	1.02 (0.94–1.1)
Knowsley	1991	1.0 (0.93–1.06)
Knowsley	1992	0.92 (0.85–0.98)
Knowsley	1993	0.91 (0.85–0.98)
Knowsley	1994	0.92 (0.84–1.0)
Knowsley	1995	0.95 (0.87–1.04)
Knowsley	1996	0.99 (0.91–1.08)
Knowsley	1997	1.01 (0.93–1.1)
Knowsley	1998	0.99 (0.91–1.08)
Knowsley	1999	1.04 (0.95–1.14)
Knowsley	2000	1.01 (0.92–1.12)
Knowsley	2001	1.0 (0.93–1.09)
Knowsley	2002	0.99 (0.91–1.08)
Knowsley	2003	1.06 (0.97–1.16)
Knowsley	2004	1.02 (0.94–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Knowsley	2005	1.04 (0.94–1.14)
Knowsley	2006	1.07 (0.97–1.17)
Knowsley	2007	1.05 (0.95–1.17)
Knowsley	2008	1.04 (0.95–1.15)
Knowsley	2009	1.02 (0.93–1.11)
Knowsley	2010	0.99 (0.91–1.08)
Knowsley	2011	1.0 (0.91–1.1)
Knowsley	2012	0.97 (0.88–1.06)
Knowsley	2013	0.94 (0.86–1.02)
Knowsley	2014	0.96 (0.86–1.06)
Knowsley	2015	0.99 (0.88–1.1)
Knowsley	2016	1.04 (0.95–1.15)
Knowsley	2017	1.06 (0.9–1.23)
Lancashire	1950	0.57 (0.47–0.68)
Lancashire	1951	0.67 (0.55–0.8)
Lancashire	1952	0.63 (0.52–0.75)
Lancashire	1953	0.64 (0.52–0.76)
Lancashire	1954	0.6 (0.5–0.71)
Lancashire	1955	0.6 (0.51–0.71)
Lancashire	1956	0.6 (0.5–0.7)
Lancashire	1957	0.61 (0.52–0.72)
Lancashire	1958	0.61 (0.51–0.71)
Lancashire	1959	0.61 (0.51–0.72)
Lancashire	1960	0.63 (0.53–0.74)
Lancashire	1961	0.64 (0.54–0.77)
Lancashire	1962	0.67 (0.56–0.8)
Lancashire	1963	0.68 (0.56–0.81)
Lancashire	1964	0.67 (0.55–0.8)
Lancashire	1965	0.66 (0.54–0.79)
Lancashire	1966	0.68 (0.56–0.82)
Lancashire	1967	0.68 (0.55–0.81)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Lancashire	1968	0.72 (0.58–0.86)
Lancashire	1969	0.73 (0.6–0.88)
Lancashire	1970	0.77 (0.63–0.92)
Lancashire	1971	0.8 (0.67–0.95)
Lancashire	1972	0.81 (0.68–0.96)
Lancashire	1973	0.83 (0.7–0.96)
Lancashire	1974	0.85 (0.73–0.98)
Lancashire	1975	0.86 (0.74–0.99)
Lancashire	1976	0.84 (0.72–0.97)
Lancashire	1977	0.87 (0.75–0.99)
Lancashire	1978	0.92 (0.82–1.04)
Lancashire	1979	0.95 (0.85–1.06)
Lancashire	1980	0.95 (0.86–1.03)
Lancashire	1981	0.91 (0.84–0.98)
Lancashire	1982	0.97 (0.9–1.04)
Lancashire	1983	0.95 (0.89–1.02)
Lancashire	1984	0.92 (0.86–0.98)
Lancashire	1985	0.97 (0.9–1.03)
Lancashire	1986	1.01 (0.96–1.08)
Lancashire	1987	1.02 (0.94–1.1)
Lancashire	1988	1.04 (0.98–1.11)
Lancashire	1989	1.02 (0.95–1.08)
Lancashire	1990	1.02 (0.94–1.1)
Lancashire	1991	1.0 (0.93–1.06)
Lancashire	1992	0.92 (0.85–0.98)
Lancashire	1993	0.91 (0.85–0.98)
Lancashire	1994	0.92 (0.84–1.0)
Lancashire	1995	0.95 (0.87–1.04)
Lancashire	1996	0.99 (0.91–1.08)
Lancashire	1997	1.01 (0.93–1.1)
Lancashire	1998	0.99 (0.91–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Lancashire	1999	1.04 (0.95–1.14)
Lancashire	2000	1.01 (0.92–1.12)
Lancashire	2001	1.0 (0.93–1.09)
Lancashire	2002	0.99 (0.91–1.08)
Lancashire	2003	1.06 (0.97–1.16)
Lancashire	2004	1.02 (0.94–1.12)
Lancashire	2005	1.04 (0.94–1.14)
Lancashire	2006	1.07 (0.97–1.17)
Lancashire	2007	1.05 (0.95–1.17)
Lancashire	2008	1.04 (0.95–1.15)
Lancashire	2009	1.02 (0.93–1.11)
Lancashire	2010	0.99 (0.91–1.08)
Lancashire	2011	1.0 (0.91–1.1)
Lancashire	2012	0.97 (0.88–1.06)
Lancashire	2013	0.94 (0.86–1.02)
Lancashire	2014	0.96 (0.86–1.06)
Lancashire	2015	0.99 (0.88–1.1)
Lancashire	2016	1.04 (0.95–1.15)
Lancashire	2017	1.06 (0.9–1.23)
Liverpool	1950	0.57 (0.47–0.68)
Liverpool	1951	0.67 (0.55–0.8)
Liverpool	1952	0.63 (0.52–0.75)
Liverpool	1953	0.64 (0.52–0.76)
Liverpool	1954	0.6 (0.5–0.71)
Liverpool	1955	0.6 (0.51–0.71)
Liverpool	1956	0.6 (0.5–0.7)
Liverpool	1957	0.61 (0.52–0.72)
Liverpool	1958	0.61 (0.51–0.71)
Liverpool	1959	0.61 (0.51–0.72)
Liverpool	1960	0.63 (0.52–0.74)
Liverpool	1961	0.64 (0.54–0.77)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Liverpool	1962	0.67 (0.55–0.8)
Liverpool	1963	0.68 (0.56–0.81)
Liverpool	1964	0.67 (0.55–0.8)
Liverpool	1965	0.66 (0.54–0.79)
Liverpool	1966	0.68 (0.56–0.82)
Liverpool	1967	0.68 (0.55–0.81)
Liverpool	1968	0.72 (0.58–0.86)
Liverpool	1969	0.73 (0.6–0.88)
Liverpool	1970	0.77 (0.63–0.92)
Liverpool	1971	0.8 (0.67–0.95)
Liverpool	1972	0.81 (0.68–0.96)
Liverpool	1973	0.83 (0.7–0.96)
Liverpool	1974	0.85 (0.73–0.98)
Liverpool	1975	0.86 (0.74–0.99)
Liverpool	1976	0.84 (0.72–0.97)
Liverpool	1977	0.87 (0.76–0.99)
Liverpool	1978	0.92 (0.82–1.04)
Liverpool	1979	0.95 (0.85–1.06)
Liverpool	1980	0.95 (0.86–1.03)
Liverpool	1981	0.91 (0.84–0.98)
Liverpool	1982	0.97 (0.9–1.04)
Liverpool	1983	0.95 (0.89–1.02)
Liverpool	1984	0.92 (0.86–0.98)
Liverpool	1985	0.97 (0.9–1.03)
Liverpool	1986	1.01 (0.96–1.08)
Liverpool	1987	1.02 (0.94–1.1)
Liverpool	1988	1.04 (0.98–1.11)
Liverpool	1989	1.02 (0.95–1.08)
Liverpool	1990	1.02 (0.94–1.1)
Liverpool	1991	1.0 (0.93–1.06)
Liverpool	1992	0.92 (0.85–0.98)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Liverpool	1993	0.91 (0.85–0.98)
Liverpool	1994	0.92 (0.84–1.0)
Liverpool	1995	0.95 (0.87–1.04)
Liverpool	1996	0.99 (0.91–1.08)
Liverpool	1997	1.01 (0.93–1.1)
Liverpool	1998	0.99 (0.91–1.08)
Liverpool	1999	1.04 (0.95–1.14)
Liverpool	2000	1.01 (0.92–1.12)
Liverpool	2001	1.0 (0.93–1.09)
Liverpool	2002	0.99 (0.91–1.08)
Liverpool	2003	1.06 (0.97–1.16)
Liverpool	2004	1.02 (0.94–1.12)
Liverpool	2005	1.04 (0.94–1.14)
Liverpool	2006	1.07 (0.97–1.17)
Liverpool	2007	1.05 (0.95–1.17)
Liverpool	2008	1.04 (0.95–1.15)
Liverpool	2009	1.02 (0.93–1.11)
Liverpool	2010	0.99 (0.91–1.08)
Liverpool	2011	1.0 (0.91–1.1)
Liverpool	2012	0.97 (0.88–1.06)
Liverpool	2013	0.94 (0.86–1.02)
Liverpool	2014	0.96 (0.86–1.06)
Liverpool	2015	0.99 (0.88–1.1)
Liverpool	2016	1.04 (0.95–1.15)
Liverpool	2017	1.06 (0.9–1.23)
Manchester	1950	0.57 (0.47–0.68)
Manchester	1951	0.67 (0.55–0.8)
Manchester	1952	0.63 (0.52–0.75)
Manchester	1953	0.64 (0.52–0.76)
Manchester	1954	0.6 (0.5–0.71)
Manchester	1955	0.61 (0.51–0.71)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Manchester	1956	0.6 (0.5–0.7)
Manchester	1957	0.61 (0.52–0.72)
Manchester	1958	0.61 (0.51–0.71)
Manchester	1959	0.61 (0.51–0.72)
Manchester	1960	0.63 (0.53–0.74)
Manchester	1961	0.64 (0.54–0.77)
Manchester	1962	0.67 (0.56–0.8)
Manchester	1963	0.68 (0.56–0.81)
Manchester	1964	0.67 (0.55–0.8)
Manchester	1965	0.66 (0.54–0.79)
Manchester	1966	0.68 (0.56–0.82)
Manchester	1967	0.68 (0.55–0.81)
Manchester	1968	0.72 (0.59–0.86)
Manchester	1969	0.74 (0.6–0.88)
Manchester	1970	0.77 (0.63–0.92)
Manchester	1971	0.8 (0.67–0.95)
Manchester	1972	0.81 (0.68–0.96)
Manchester	1973	0.83 (0.7–0.96)
Manchester	1974	0.85 (0.73–0.98)
Manchester	1975	0.86 (0.74–0.99)
Manchester	1976	0.84 (0.72–0.97)
Manchester	1977	0.87 (0.76–0.99)
Manchester	1978	0.92 (0.82–1.04)
Manchester	1979	0.95 (0.86–1.06)
Manchester	1980	0.95 (0.86–1.03)
Manchester	1981	0.91 (0.84–0.98)
Manchester	1982	0.97 (0.9–1.04)
Manchester	1983	0.95 (0.89–1.02)
Manchester	1984	0.92 (0.86–0.98)
Manchester	1985	0.97 (0.9–1.03)
Manchester	1986	1.01 (0.96–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Manchester	1987	1.02 (0.94–1.1)
Manchester	1988	1.04 (0.98–1.11)
Manchester	1989	1.02 (0.95–1.08)
Manchester	1990	1.02 (0.94–1.1)
Manchester	1991	1.0 (0.93–1.06)
Manchester	1992	0.92 (0.85–0.98)
Manchester	1993	0.91 (0.85–0.98)
Manchester	1994	0.92 (0.84–1.0)
Manchester	1995	0.95 (0.87–1.04)
Manchester	1996	0.99 (0.91–1.08)
Manchester	1997	1.01 (0.93–1.1)
Manchester	1998	0.99 (0.91–1.08)
Manchester	1999	1.04 (0.95–1.14)
Manchester	2000	1.01 (0.92–1.12)
Manchester	2001	1.0 (0.93–1.09)
Manchester	2002	0.99 (0.91–1.08)
Manchester	2003	1.06 (0.97–1.16)
Manchester	2004	1.02 (0.94–1.12)
Manchester	2005	1.04 (0.94–1.14)
Manchester	2006	1.07 (0.97–1.17)
Manchester	2007	1.05 (0.95–1.17)
Manchester	2008	1.04 (0.95–1.15)
Manchester	2009	1.02 (0.93–1.11)
Manchester	2010	0.99 (0.91–1.08)
Manchester	2011	1.0 (0.91–1.1)
Manchester	2012	0.97 (0.88–1.06)
Manchester	2013	0.94 (0.86–1.02)
Manchester	2014	0.96 (0.86–1.06)
Manchester	2015	0.99 (0.88–1.1)
Manchester	2016	1.04 (0.95–1.15)
Manchester	2017	1.06 (0.9–1.23)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Oldham	1950	0.57 (0.47–0.69)
Oldham	1951	0.67 (0.55–0.8)
Oldham	1952	0.63 (0.52–0.75)
Oldham	1953	0.64 (0.52–0.76)
Oldham	1954	0.6 (0.5–0.71)
Oldham	1955	0.61 (0.51–0.71)
Oldham	1956	0.6 (0.5–0.7)
Oldham	1957	0.61 (0.52–0.72)
Oldham	1958	0.61 (0.51–0.71)
Oldham	1959	0.61 (0.51–0.72)
Oldham	1960	0.63 (0.53–0.74)
Oldham	1961	0.64 (0.54–0.77)
Oldham	1962	0.67 (0.56–0.8)
Oldham	1963	0.68 (0.56–0.81)
Oldham	1964	0.67 (0.55–0.8)
Oldham	1965	0.66 (0.54–0.79)
Oldham	1966	0.68 (0.56–0.82)
Oldham	1967	0.68 (0.55–0.81)
Oldham	1968	0.72 (0.59–0.86)
Oldham	1969	0.74 (0.6–0.88)
Oldham	1970	0.77 (0.63–0.92)
Oldham	1971	0.8 (0.67–0.95)
Oldham	1972	0.81 (0.68–0.96)
Oldham	1973	0.83 (0.7–0.96)
Oldham	1974	0.85 (0.73–0.98)
Oldham	1975	0.86 (0.74–0.99)
Oldham	1976	0.84 (0.72–0.97)
Oldham	1977	0.87 (0.76–0.99)
Oldham	1978	0.92 (0.82–1.04)
Oldham	1979	0.95 (0.86–1.06)
Oldham	1980	0.95 (0.86–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Oldham	1981	0.91 (0.84–0.98)
Oldham	1982	0.97 (0.9–1.04)
Oldham	1983	0.95 (0.89–1.02)
Oldham	1984	0.92 (0.86–0.98)
Oldham	1985	0.97 (0.9–1.03)
Oldham	1986	1.01 (0.96–1.08)
Oldham	1987	1.02 (0.94–1.1)
Oldham	1988	1.04 (0.98–1.11)
Oldham	1989	1.02 (0.95–1.08)
Oldham	1990	1.02 (0.94–1.1)
Oldham	1991	1.0 (0.93–1.06)
Oldham	1992	0.92 (0.85–0.98)
Oldham	1993	0.91 (0.85–0.98)
Oldham	1994	0.92 (0.84–1.0)
Oldham	1995	0.95 (0.87–1.04)
Oldham	1996	0.99 (0.91–1.08)
Oldham	1997	1.01 (0.93–1.1)
Oldham	1998	0.99 (0.91–1.08)
Oldham	1999	1.04 (0.95–1.14)
Oldham	2000	1.01 (0.92–1.12)
Oldham	2001	1.0 (0.93–1.09)
Oldham	2002	0.99 (0.91–1.08)
Oldham	2003	1.06 (0.97–1.16)
Oldham	2004	1.02 (0.94–1.12)
Oldham	2005	1.04 (0.94–1.14)
Oldham	2006	1.07 (0.97–1.17)
Oldham	2007	1.05 (0.95–1.17)
Oldham	2008	1.04 (0.95–1.15)
Oldham	2009	1.02 (0.93–1.11)
Oldham	2010	0.99 (0.91–1.08)
Oldham	2011	1.0 (0.91–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Oldham	2012	0.97 (0.88–1.06)
Oldham	2013	0.94 (0.86–1.02)
Oldham	2014	0.96 (0.86–1.06)
Oldham	2015	0.99 (0.88–1.1)
Oldham	2016	1.04 (0.95–1.15)
Oldham	2017	1.06 (0.9–1.23)
Rochdale	1950	0.57 (0.48–0.69)
Rochdale	1951	0.67 (0.55–0.8)
Rochdale	1952	0.63 (0.52–0.75)
Rochdale	1953	0.64 (0.53–0.76)
Rochdale	1954	0.6 (0.5–0.71)
Rochdale	1955	0.61 (0.51–0.71)
Rochdale	1956	0.6 (0.5–0.7)
Rochdale	1957	0.61 (0.52–0.72)
Rochdale	1958	0.61 (0.51–0.71)
Rochdale	1959	0.61 (0.51–0.72)
Rochdale	1960	0.63 (0.53–0.74)
Rochdale	1961	0.64 (0.54–0.77)
Rochdale	1962	0.67 (0.56–0.8)
Rochdale	1963	0.68 (0.56–0.81)
Rochdale	1964	0.67 (0.55–0.8)
Rochdale	1965	0.66 (0.54–0.79)
Rochdale	1966	0.68 (0.56–0.82)
Rochdale	1967	0.68 (0.55–0.81)
Rochdale	1968	0.72 (0.59–0.86)
Rochdale	1969	0.74 (0.6–0.88)
Rochdale	1970	0.77 (0.63–0.92)
Rochdale	1971	0.8 (0.67–0.95)
Rochdale	1972	0.81 (0.68–0.96)
Rochdale	1973	0.83 (0.7–0.96)
Rochdale	1974	0.85 (0.73–0.98)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rochdale	1975	0.86 (0.74–0.99)
Rochdale	1976	0.84 (0.72–0.97)
Rochdale	1977	0.87 (0.76–0.99)
Rochdale	1978	0.92 (0.82–1.04)
Rochdale	1979	0.95 (0.86–1.06)
Rochdale	1980	0.95 (0.86–1.03)
Rochdale	1981	0.91 (0.84–0.98)
Rochdale	1982	0.97 (0.9–1.04)
Rochdale	1983	0.95 (0.89–1.02)
Rochdale	1984	0.92 (0.86–0.98)
Rochdale	1985	0.97 (0.9–1.03)
Rochdale	1986	1.01 (0.96–1.08)
Rochdale	1987	1.02 (0.94–1.1)
Rochdale	1988	1.04 (0.98–1.11)
Rochdale	1989	1.02 (0.95–1.08)
Rochdale	1990	1.02 (0.94–1.1)
Rochdale	1991	1.0 (0.93–1.06)
Rochdale	1992	0.92 (0.85–0.98)
Rochdale	1993	0.91 (0.85–0.98)
Rochdale	1994	0.92 (0.84–1.0)
Rochdale	1995	0.95 (0.87–1.04)
Rochdale	1996	0.99 (0.91–1.08)
Rochdale	1997	1.01 (0.93–1.1)
Rochdale	1998	0.99 (0.91–1.08)
Rochdale	1999	1.04 (0.95–1.14)
Rochdale	2000	1.01 (0.92–1.12)
Rochdale	2001	1.0 (0.93–1.09)
Rochdale	2002	0.99 (0.91–1.08)
Rochdale	2003	1.06 (0.97–1.16)
Rochdale	2004	1.02 (0.94–1.12)
Rochdale	2005	1.04 (0.94–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rochdale	2006	1.07 (0.97–1.17)
Rochdale	2007	1.05 (0.95–1.17)
Rochdale	2008	1.04 (0.95–1.15)
Rochdale	2009	1.02 (0.93–1.11)
Rochdale	2010	0.99 (0.91–1.08)
Rochdale	2011	1.0 (0.91–1.1)
Rochdale	2012	0.97 (0.88–1.06)
Rochdale	2013	0.94 (0.86–1.02)
Rochdale	2014	0.96 (0.86–1.06)
Rochdale	2015	0.99 (0.88–1.1)
Rochdale	2016	1.04 (0.95–1.15)
Rochdale	2017	1.06 (0.9–1.23)
Salford	1950	0.57 (0.47–0.68)
Salford	1951	0.67 (0.55–0.8)
Salford	1952	0.63 (0.52–0.75)
Salford	1953	0.64 (0.52–0.76)
Salford	1954	0.6 (0.5–0.71)
Salford	1955	0.61 (0.51–0.71)
Salford	1956	0.6 (0.5–0.7)
Salford	1957	0.61 (0.52–0.72)
Salford	1958	0.61 (0.51–0.71)
Salford	1959	0.61 (0.51–0.72)
Salford	1960	0.63 (0.53–0.74)
Salford	1961	0.64 (0.54–0.77)
Salford	1962	0.67 (0.55–0.8)
Salford	1963	0.68 (0.56–0.81)
Salford	1964	0.67 (0.55–0.8)
Salford	1965	0.66 (0.54–0.79)
Salford	1966	0.68 (0.56–0.82)
Salford	1967	0.68 (0.55–0.81)
Salford	1968	0.72 (0.58–0.86)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Salford	1969	0.74 (0.6–0.88)
Salford	1970	0.77 (0.63–0.92)
Salford	1971	0.8 (0.67–0.95)
Salford	1972	0.81 (0.68–0.96)
Salford	1973	0.83 (0.7–0.96)
Salford	1974	0.85 (0.73–0.98)
Salford	1975	0.86 (0.74–0.99)
Salford	1976	0.84 (0.72–0.97)
Salford	1977	0.87 (0.76–0.99)
Salford	1978	0.92 (0.82–1.04)
Salford	1979	0.95 (0.85–1.06)
Salford	1980	0.95 (0.86–1.03)
Salford	1981	0.91 (0.84–0.98)
Salford	1982	0.97 (0.9–1.04)
Salford	1983	0.95 (0.89–1.02)
Salford	1984	0.92 (0.86–0.98)
Salford	1985	0.97 (0.9–1.03)
Salford	1986	1.01 (0.96–1.08)
Salford	1987	1.02 (0.94–1.1)
Salford	1988	1.04 (0.98–1.11)
Salford	1989	1.02 (0.95–1.08)
Salford	1990	1.02 (0.94–1.1)
Salford	1991	1.0 (0.93–1.06)
Salford	1992	0.92 (0.85–0.98)
Salford	1993	0.91 (0.85–0.98)
Salford	1994	0.92 (0.84–1.0)
Salford	1995	0.95 (0.87–1.04)
Salford	1996	0.99 (0.91–1.08)
Salford	1997	1.01 (0.93–1.1)
Salford	1998	0.99 (0.91–1.08)
Salford	1999	1.04 (0.95–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Salford	2000	1.01 (0.92–1.12)
Salford	2001	1.0 (0.93–1.09)
Salford	2002	0.99 (0.91–1.08)
Salford	2003	1.06 (0.97–1.16)
Salford	2004	1.02 (0.94–1.12)
Salford	2005	1.04 (0.94–1.14)
Salford	2006	1.07 (0.97–1.17)
Salford	2007	1.05 (0.95–1.17)
Salford	2008	1.04 (0.95–1.15)
Salford	2009	1.02 (0.93–1.11)
Salford	2010	0.99 (0.91–1.08)
Salford	2011	1.0 (0.91–1.1)
Salford	2012	0.97 (0.88–1.06)
Salford	2013	0.94 (0.86–1.02)
Salford	2014	0.96 (0.86–1.06)
Salford	2015	0.99 (0.88–1.1)
Salford	2016	1.04 (0.95–1.15)
Salford	2017	1.06 (0.9–1.23)
Sefton	1950	0.57 (0.47–0.68)
Sefton	1951	0.67 (0.55–0.8)
Sefton	1952	0.63 (0.52–0.75)
Sefton	1953	0.63 (0.52–0.76)
Sefton	1954	0.6 (0.5–0.71)
Sefton	1955	0.6 (0.51–0.71)
Sefton	1956	0.6 (0.5–0.7)
Sefton	1957	0.61 (0.52–0.72)
Sefton	1958	0.61 (0.51–0.71)
Sefton	1959	0.61 (0.51–0.72)
Sefton	1960	0.63 (0.52–0.74)
Sefton	1961	0.64 (0.54–0.77)
Sefton	1962	0.67 (0.55–0.8)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sefton	1963	0.68 (0.56–0.81)
Sefton	1964	0.67 (0.55–0.8)
Sefton	1965	0.66 (0.54–0.79)
Sefton	1966	0.68 (0.56–0.82)
Sefton	1967	0.68 (0.55–0.81)
Sefton	1968	0.71 (0.58–0.86)
Sefton	1969	0.73 (0.6–0.88)
Sefton	1970	0.77 (0.63–0.92)
Sefton	1971	0.8 (0.67–0.95)
Sefton	1972	0.81 (0.68–0.96)
Sefton	1973	0.83 (0.7–0.96)
Sefton	1974	0.85 (0.73–0.98)
Sefton	1975	0.86 (0.74–0.99)
Sefton	1976	0.84 (0.72–0.97)
Sefton	1977	0.87 (0.75–0.99)
Sefton	1978	0.92 (0.82–1.04)
Sefton	1979	0.95 (0.85–1.06)
Sefton	1980	0.95 (0.86–1.03)
Sefton	1981	0.91 (0.84–0.98)
Sefton	1982	0.97 (0.9–1.04)
Sefton	1983	0.95 (0.89–1.02)
Sefton	1984	0.92 (0.86–0.98)
Sefton	1985	0.97 (0.9–1.03)
Sefton	1986	1.01 (0.96–1.08)
Sefton	1987	1.02 (0.94–1.1)
Sefton	1988	1.04 (0.98–1.11)
Sefton	1989	1.02 (0.95–1.08)
Sefton	1990	1.02 (0.94–1.1)
Sefton	1991	1.0 (0.93–1.06)
Sefton	1992	0.92 (0.85–0.98)
Sefton	1993	0.91 (0.85–0.98)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sefton	1994	0.92 (0.84–1.0)
Sefton	1995	0.95 (0.87–1.04)
Sefton	1996	0.99 (0.91–1.08)
Sefton	1997	1.01 (0.93–1.1)
Sefton	1998	0.99 (0.91–1.08)
Sefton	1999	1.04 (0.95–1.14)
Sefton	2000	1.01 (0.92–1.12)
Sefton	2001	1.0 (0.93–1.09)
Sefton	2002	0.99 (0.91–1.08)
Sefton	2003	1.06 (0.97–1.16)
Sefton	2004	1.02 (0.94–1.12)
Sefton	2005	1.04 (0.94–1.14)
Sefton	2006	1.07 (0.97–1.17)
Sefton	2007	1.05 (0.95–1.17)
Sefton	2008	1.04 (0.95–1.15)
Sefton	2009	1.02 (0.93–1.11)
Sefton	2010	0.99 (0.91–1.08)
Sefton	2011	1.0 (0.91–1.1)
Sefton	2012	0.97 (0.88–1.06)
Sefton	2013	0.94 (0.86–1.02)
Sefton	2014	0.96 (0.86–1.06)
Sefton	2015	0.99 (0.88–1.1)
Sefton	2016	1.04 (0.95–1.15)
Sefton	2017	1.06 (0.9–1.23)
St Helens	1950	0.57 (0.47–0.68)
St Helens	1951	0.67 (0.55–0.8)
St Helens	1952	0.63 (0.52–0.75)
St Helens	1953	0.64 (0.52–0.76)
St Helens	1954	0.6 (0.5–0.71)
St Helens	1955	0.6 (0.51–0.71)
St Helens	1956	0.6 (0.5–0.7)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
St Helens	1957	0.61 (0.52–0.72)
St Helens	1958	0.61 (0.51–0.71)
St Helens	1959	0.61 (0.51–0.72)
St Helens	1960	0.63 (0.52–0.74)
St Helens	1961	0.64 (0.54–0.77)
St Helens	1962	0.67 (0.55–0.8)
St Helens	1963	0.68 (0.56–0.81)
St Helens	1964	0.67 (0.55–0.8)
St Helens	1965	0.66 (0.54–0.79)
St Helens	1966	0.68 (0.56–0.82)
St Helens	1967	0.68 (0.55–0.81)
St Helens	1968	0.72 (0.58–0.86)
St Helens	1969	0.73 (0.6–0.88)
St Helens	1970	0.77 (0.63–0.92)
St Helens	1971	0.8 (0.67–0.95)
St Helens	1972	0.81 (0.68–0.96)
St Helens	1973	0.83 (0.7–0.96)
St Helens	1974	0.85 (0.73–0.98)
St Helens	1975	0.86 (0.74–0.99)
St Helens	1976	0.84 (0.72–0.97)
St Helens	1977	0.87 (0.75–0.99)
St Helens	1978	0.92 (0.82–1.04)
St Helens	1979	0.95 (0.85–1.06)
St Helens	1980	0.95 (0.86–1.03)
St Helens	1981	0.91 (0.84–0.98)
St Helens	1982	0.97 (0.9–1.04)
St Helens	1983	0.95 (0.89–1.02)
St Helens	1984	0.92 (0.86–0.98)
St Helens	1985	0.97 (0.9–1.03)
St Helens	1986	1.01 (0.96–1.08)
St Helens	1987	1.02 (0.94–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
St Helens	1988	1.04 (0.98–1.11)
St Helens	1989	1.02 (0.95–1.08)
St Helens	1990	1.02 (0.94–1.1)
St Helens	1991	1.0 (0.93–1.06)
St Helens	1992	0.92 (0.85–0.98)
St Helens	1993	0.91 (0.85–0.98)
St Helens	1994	0.92 (0.84–1.0)
St Helens	1995	0.95 (0.87–1.04)
St Helens	1996	0.99 (0.91–1.08)
St Helens	1997	1.01 (0.93–1.1)
St Helens	1998	0.99 (0.91–1.08)
St Helens	1999	1.04 (0.95–1.14)
St Helens	2000	1.01 (0.92–1.12)
St Helens	2001	1.0 (0.93–1.09)
St Helens	2002	0.99 (0.91–1.08)
St Helens	2003	1.06 (0.97–1.16)
St Helens	2004	1.02 (0.94–1.12)
St Helens	2005	1.04 (0.94–1.14)
St Helens	2006	1.07 (0.97–1.17)
St Helens	2007	1.05 (0.95–1.17)
St Helens	2008	1.04 (0.95–1.15)
St Helens	2009	1.02 (0.93–1.11)
St Helens	2010	0.99 (0.91–1.08)
St Helens	2011	1.0 (0.91–1.1)
St Helens	2012	0.97 (0.88–1.06)
St Helens	2013	0.94 (0.86–1.02)
St Helens	2014	0.96 (0.86–1.06)
St Helens	2015	0.99 (0.88–1.1)
St Helens	2016	1.04 (0.95–1.15)
St Helens	2017	1.06 (0.9–1.23)
Stockport	1950	0.57 (0.47–0.68)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Stockport	1951	0.67 (0.55–0.8)
Stockport	1952	0.63 (0.52–0.75)
Stockport	1953	0.64 (0.52–0.76)
Stockport	1954	0.6 (0.5–0.71)
Stockport	1955	0.6 (0.51–0.71)
Stockport	1956	0.6 (0.5–0.7)
Stockport	1957	0.61 (0.52–0.72)
Stockport	1958	0.61 (0.51–0.71)
Stockport	1959	0.61 (0.51–0.72)
Stockport	1960	0.63 (0.52–0.74)
Stockport	1961	0.64 (0.54–0.77)
Stockport	1962	0.67 (0.55–0.8)
Stockport	1963	0.68 (0.56–0.81)
Stockport	1964	0.67 (0.55–0.8)
Stockport	1965	0.66 (0.54–0.79)
Stockport	1966	0.68 (0.56–0.82)
Stockport	1967	0.68 (0.55–0.81)
Stockport	1968	0.72 (0.58–0.86)
Stockport	1969	0.73 (0.6–0.88)
Stockport	1970	0.77 (0.63–0.92)
Stockport	1971	0.8 (0.67–0.95)
Stockport	1972	0.81 (0.68–0.96)
Stockport	1973	0.83 (0.7–0.96)
Stockport	1974	0.85 (0.73–0.98)
Stockport	1975	0.86 (0.74–0.99)
Stockport	1976	0.84 (0.72–0.97)
Stockport	1977	0.87 (0.75–0.99)
Stockport	1978	0.92 (0.82–1.04)
Stockport	1979	0.95 (0.85–1.06)
Stockport	1980	0.95 (0.86–1.03)
Stockport	1981	0.91 (0.84–0.98)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Stockport	1982	0.97 (0.9–1.04)
Stockport	1983	0.95 (0.89–1.02)
Stockport	1984	0.92 (0.86–0.98)
Stockport	1985	0.97 (0.9–1.03)
Stockport	1986	1.01 (0.96–1.08)
Stockport	1987	1.02 (0.94–1.1)
Stockport	1988	1.04 (0.98–1.11)
Stockport	1989	1.02 (0.95–1.08)
Stockport	1990	1.02 (0.94–1.1)
Stockport	1991	1.0 (0.93–1.06)
Stockport	1992	0.92 (0.85–0.98)
Stockport	1993	0.91 (0.85–0.98)
Stockport	1994	0.92 (0.84–1.0)
Stockport	1995	0.95 (0.87–1.04)
Stockport	1996	0.99 (0.91–1.08)
Stockport	1997	1.01 (0.93–1.1)
Stockport	1998	0.99 (0.91–1.08)
Stockport	1999	1.04 (0.95–1.14)
Stockport	2000	1.01 (0.92–1.12)
Stockport	2001	1.0 (0.93–1.09)
Stockport	2002	0.99 (0.91–1.08)
Stockport	2003	1.06 (0.97–1.16)
Stockport	2004	1.02 (0.94–1.12)
Stockport	2005	1.04 (0.94–1.14)
Stockport	2006	1.07 (0.97–1.17)
Stockport	2007	1.05 (0.95–1.17)
Stockport	2008	1.04 (0.95–1.15)
Stockport	2009	1.02 (0.93–1.11)
Stockport	2010	0.99 (0.91–1.08)
Stockport	2011	1.0 (0.91–1.1)
Stockport	2012	0.97 (0.88–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Stockport	2013	0.94 (0.86–1.02)
Stockport	2014	0.96 (0.86–1.06)
Stockport	2015	0.99 (0.88–1.1)
Stockport	2016	1.04 (0.95–1.15)
Stockport	2017	1.06 (0.9–1.23)
Tameside	1950	0.57 (0.47–0.68)
Tameside	1951	0.67 (0.55–0.8)
Tameside	1952	0.63 (0.52–0.75)
Tameside	1953	0.64 (0.52–0.76)
Tameside	1954	0.6 (0.5–0.71)
Tameside	1955	0.61 (0.51–0.71)
Tameside	1956	0.6 (0.5–0.7)
Tameside	1957	0.61 (0.52–0.72)
Tameside	1958	0.61 (0.51–0.71)
Tameside	1959	0.61 (0.51–0.72)
Tameside	1960	0.63 (0.53–0.74)
Tameside	1961	0.64 (0.54–0.77)
Tameside	1962	0.67 (0.56–0.8)
Tameside	1963	0.68 (0.56–0.81)
Tameside	1964	0.67 (0.55–0.8)
Tameside	1965	0.66 (0.54–0.79)
Tameside	1966	0.68 (0.56–0.82)
Tameside	1967	0.68 (0.55–0.81)
Tameside	1968	0.72 (0.59–0.86)
Tameside	1969	0.74 (0.6–0.88)
Tameside	1970	0.77 (0.63–0.92)
Tameside	1971	0.8 (0.67–0.95)
Tameside	1972	0.81 (0.68–0.96)
Tameside	1973	0.83 (0.7–0.96)
Tameside	1974	0.85 (0.73–0.98)
Tameside	1975	0.86 (0.74–0.99)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tameside	1976	0.84 (0.72–0.97)
Tameside	1977	0.87 (0.76–0.99)
Tameside	1978	0.92 (0.82–1.04)
Tameside	1979	0.95 (0.86–1.06)
Tameside	1980	0.95 (0.86–1.03)
Tameside	1981	0.91 (0.84–0.98)
Tameside	1982	0.97 (0.9–1.04)
Tameside	1983	0.95 (0.89–1.02)
Tameside	1984	0.92 (0.86–0.98)
Tameside	1985	0.97 (0.9–1.03)
Tameside	1986	1.01 (0.96–1.08)
Tameside	1987	1.02 (0.94–1.1)
Tameside	1988	1.04 (0.98–1.11)
Tameside	1989	1.02 (0.95–1.08)
Tameside	1990	1.02 (0.94–1.1)
Tameside	1991	1.0 (0.93–1.06)
Tameside	1992	0.92 (0.85–0.98)
Tameside	1993	0.91 (0.85–0.98)
Tameside	1994	0.92 (0.84–1.0)
Tameside	1995	0.95 (0.87–1.04)
Tameside	1996	0.99 (0.91–1.08)
Tameside	1997	1.01 (0.93–1.1)
Tameside	1998	0.99 (0.91–1.08)
Tameside	1999	1.04 (0.95–1.14)
Tameside	2000	1.01 (0.92–1.12)
Tameside	2001	1.0 (0.93–1.09)
Tameside	2002	0.99 (0.91–1.08)
Tameside	2003	1.06 (0.97–1.16)
Tameside	2004	1.02 (0.94–1.12)
Tameside	2005	1.04 (0.94–1.14)
Tameside	2006	1.07 (0.97–1.17)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tameside	2007	1.05 (0.95–1.17)
Tameside	2008	1.04 (0.95–1.15)
Tameside	2009	1.02 (0.93–1.11)
Tameside	2010	0.99 (0.91–1.08)
Tameside	2011	1.0 (0.91–1.1)
Tameside	2012	0.97 (0.88–1.06)
Tameside	2013	0.94 (0.86–1.02)
Tameside	2014	0.96 (0.86–1.06)
Tameside	2015	0.99 (0.88–1.1)
Tameside	2016	1.04 (0.95–1.15)
Tameside	2017	1.06 (0.9–1.23)
Trafford	1950	0.57 (0.47–0.68)
Trafford	1951	0.67 (0.55–0.8)
Trafford	1952	0.63 (0.52–0.75)
Trafford	1953	0.64 (0.52–0.76)
Trafford	1954	0.6 (0.5–0.71)
Trafford	1955	0.61 (0.51–0.71)
Trafford	1956	0.6 (0.5–0.7)
Trafford	1957	0.61 (0.52–0.72)
Trafford	1958	0.61 (0.51–0.71)
Trafford	1959	0.61 (0.51–0.72)
Trafford	1960	0.63 (0.53–0.74)
Trafford	1961	0.64 (0.54–0.77)
Trafford	1962	0.67 (0.56–0.8)
Trafford	1963	0.68 (0.56–0.81)
Trafford	1964	0.67 (0.55–0.8)
Trafford	1965	0.66 (0.54–0.79)
Trafford	1966	0.68 (0.56–0.82)
Trafford	1967	0.68 (0.55–0.81)
Trafford	1968	0.72 (0.59–0.86)
Trafford	1969	0.74 (0.6–0.88)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Trafford	1970	0.77 (0.63–0.92)
Trafford	1971	0.8 (0.67–0.95)
Trafford	1972	0.81 (0.68–0.96)
Trafford	1973	0.83 (0.7–0.96)
Trafford	1974	0.85 (0.73–0.98)
Trafford	1975	0.86 (0.74–0.99)
Trafford	1976	0.84 (0.72–0.97)
Trafford	1977	0.87 (0.76–0.99)
Trafford	1978	0.92 (0.82–1.04)
Trafford	1979	0.95 (0.86–1.06)
Trafford	1980	0.95 (0.86–1.03)
Trafford	1981	0.91 (0.84–0.98)
Trafford	1982	0.97 (0.9–1.04)
Trafford	1983	0.95 (0.89–1.02)
Trafford	1984	0.92 (0.86–0.98)
Trafford	1985	0.97 (0.9–1.03)
Trafford	1986	1.01 (0.96–1.08)
Trafford	1987	1.02 (0.94–1.1)
Trafford	1988	1.04 (0.98–1.11)
Trafford	1989	1.02 (0.95–1.08)
Trafford	1990	1.02 (0.94–1.1)
Trafford	1991	1.0 (0.93–1.06)
Trafford	1992	0.92 (0.85–0.98)
Trafford	1993	0.91 (0.85–0.98)
Trafford	1994	0.92 (0.84–1.0)
Trafford	1995	0.95 (0.87–1.04)
Trafford	1996	0.99 (0.91–1.08)
Trafford	1997	1.01 (0.93–1.1)
Trafford	1998	0.99 (0.91–1.08)
Trafford	1999	1.04 (0.95–1.14)
Trafford	2000	1.01 (0.92–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Trafford	2001	1.0 (0.93–1.09)
Trafford	2002	0.99 (0.91–1.08)
Trafford	2003	1.06 (0.97–1.16)
Trafford	2004	1.02 (0.94–1.12)
Trafford	2005	1.04 (0.94–1.14)
Trafford	2006	1.07 (0.97–1.17)
Trafford	2007	1.05 (0.95–1.17)
Trafford	2008	1.04 (0.95–1.15)
Trafford	2009	1.02 (0.93–1.11)
Trafford	2010	0.99 (0.91–1.08)
Trafford	2011	1.0 (0.91–1.1)
Trafford	2012	0.97 (0.88–1.06)
Trafford	2013	0.94 (0.86–1.02)
Trafford	2014	0.96 (0.86–1.06)
Trafford	2015	0.99 (0.88–1.1)
Trafford	2016	1.04 (0.95–1.15)
Trafford	2017	1.06 (0.9–1.23)
Warrington	1950	0.57 (0.47–0.68)
Warrington	1951	0.67 (0.55–0.8)
Warrington	1952	0.63 (0.52–0.75)
Warrington	1953	0.63 (0.52–0.76)
Warrington	1954	0.6 (0.5–0.71)
Warrington	1955	0.6 (0.51–0.71)
Warrington	1956	0.6 (0.5–0.7)
Warrington	1957	0.61 (0.52–0.72)
Warrington	1958	0.61 (0.51–0.71)
Warrington	1959	0.61 (0.51–0.72)
Warrington	1960	0.63 (0.52–0.74)
Warrington	1961	0.64 (0.54–0.77)
Warrington	1962	0.67 (0.55–0.8)
Warrington	1963	0.68 (0.56–0.81)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Warrington	1964	0.67 (0.55–0.8)
Warrington	1965	0.66 (0.54–0.79)
Warrington	1966	0.68 (0.56–0.82)
Warrington	1967	0.68 (0.55–0.81)
Warrington	1968	0.72 (0.58–0.86)
Warrington	1969	0.73 (0.6–0.88)
Warrington	1970	0.77 (0.63–0.92)
Warrington	1971	0.8 (0.67–0.95)
Warrington	1972	0.81 (0.68–0.96)
Warrington	1973	0.83 (0.7–0.96)
Warrington	1974	0.85 (0.73–0.98)
Warrington	1975	0.86 (0.74–0.99)
Warrington	1976	0.84 (0.72–0.97)
Warrington	1977	0.87 (0.75–0.99)
Warrington	1978	0.92 (0.82–1.04)
Warrington	1979	0.95 (0.85–1.06)
Warrington	1980	0.95 (0.86–1.03)
Warrington	1981	0.91 (0.84–0.98)
Warrington	1982	0.97 (0.9–1.04)
Warrington	1983	0.95 (0.89–1.02)
Warrington	1984	0.92 (0.86–0.98)
Warrington	1985	0.97 (0.9–1.03)
Warrington	1986	1.01 (0.96–1.08)
Warrington	1987	1.02 (0.94–1.1)
Warrington	1988	1.04 (0.98–1.11)
Warrington	1989	1.02 (0.95–1.08)
Warrington	1990	1.02 (0.94–1.1)
Warrington	1991	1.0 (0.93–1.06)
Warrington	1992	0.92 (0.85–0.98)
Warrington	1993	0.91 (0.85–0.98)
Warrington	1994	0.92 (0.84–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Warrington	1995	0.95 (0.87–1.04)
Warrington	1996	0.99 (0.91–1.08)
Warrington	1997	1.01 (0.93–1.1)
Warrington	1998	0.99 (0.91–1.08)
Warrington	1999	1.04 (0.95–1.14)
Warrington	2000	1.01 (0.92–1.12)
Warrington	2001	1.0 (0.93–1.09)
Warrington	2002	0.99 (0.91–1.08)
Warrington	2003	1.06 (0.97–1.16)
Warrington	2004	1.02 (0.94–1.12)
Warrington	2005	1.04 (0.94–1.14)
Warrington	2006	1.07 (0.97–1.17)
Warrington	2007	1.05 (0.95–1.17)
Warrington	2008	1.04 (0.95–1.15)
Warrington	2009	1.02 (0.93–1.11)
Warrington	2010	0.99 (0.91–1.08)
Warrington	2011	1.0 (0.91–1.1)
Warrington	2012	0.97 (0.88–1.06)
Warrington	2013	0.94 (0.86–1.02)
Warrington	2014	0.96 (0.86–1.06)
Warrington	2015	0.99 (0.88–1.1)
Warrington	2016	1.04 (0.95–1.15)
Warrington	2017	1.06 (0.9–1.23)
Wigan	1950	0.57 (0.47–0.68)
Wigan	1951	0.67 (0.55–0.8)
Wigan	1952	0.63 (0.52–0.75)
Wigan	1953	0.64 (0.52–0.76)
Wigan	1954	0.6 (0.5–0.71)
Wigan	1955	0.6 (0.51–0.71)
Wigan	1956	0.6 (0.5–0.7)
Wigan	1957	0.61 (0.52–0.72)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wigan	1958	0.61 (0.51–0.71)
Wigan	1959	0.61 (0.51–0.72)
Wigan	1960	0.63 (0.52–0.74)
Wigan	1961	0.64 (0.54–0.77)
Wigan	1962	0.67 (0.55–0.8)
Wigan	1963	0.68 (0.56–0.81)
Wigan	1964	0.67 (0.55–0.8)
Wigan	1965	0.66 (0.54–0.79)
Wigan	1966	0.68 (0.56–0.82)
Wigan	1967	0.68 (0.55–0.81)
Wigan	1968	0.72 (0.58–0.86)
Wigan	1969	0.73 (0.6–0.88)
Wigan	1970	0.77 (0.63–0.92)
Wigan	1971	0.8 (0.67–0.95)
Wigan	1972	0.81 (0.68–0.96)
Wigan	1973	0.83 (0.7–0.96)
Wigan	1974	0.85 (0.73–0.98)
Wigan	1975	0.86 (0.74–0.99)
Wigan	1976	0.84 (0.72–0.97)
Wigan	1977	0.87 (0.75–0.99)
Wigan	1978	0.92 (0.82–1.04)
Wigan	1979	0.95 (0.85–1.06)
Wigan	1980	0.95 (0.86–1.03)
Wigan	1981	0.91 (0.84–0.98)
Wigan	1982	0.97 (0.9–1.04)
Wigan	1983	0.95 (0.89–1.02)
Wigan	1984	0.92 (0.86–0.98)
Wigan	1985	0.97 (0.9–1.03)
Wigan	1986	1.01 (0.96–1.08)
Wigan	1987	1.02 (0.94–1.1)
Wigan	1988	1.04 (0.98–1.11)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wigan	1989	1.02 (0.95–1.08)
Wigan	1990	1.02 (0.94–1.1)
Wigan	1991	1.0 (0.93–1.06)
Wigan	1992	0.92 (0.85–0.98)
Wigan	1993	0.91 (0.85–0.98)
Wigan	1994	0.92 (0.84–1.0)
Wigan	1995	0.95 (0.87–1.04)
Wigan	1996	0.99 (0.91–1.08)
Wigan	1997	1.01 (0.93–1.1)
Wigan	1998	0.99 (0.91–1.08)
Wigan	1999	1.04 (0.95–1.14)
Wigan	2000	1.01 (0.92–1.12)
Wigan	2001	1.0 (0.93–1.09)
Wigan	2002	0.99 (0.91–1.08)
Wigan	2003	1.06 (0.97–1.16)
Wigan	2004	1.02 (0.94–1.12)
Wigan	2005	1.04 (0.94–1.14)
Wigan	2006	1.07 (0.97–1.17)
Wigan	2007	1.05 (0.95–1.17)
Wigan	2008	1.04 (0.95–1.15)
Wigan	2009	1.02 (0.93–1.11)
Wigan	2010	0.99 (0.91–1.08)
Wigan	2011	1.0 (0.91–1.1)
Wigan	2012	0.97 (0.88–1.06)
Wigan	2013	0.94 (0.86–1.02)
Wigan	2014	0.96 (0.86–1.06)
Wigan	2015	0.99 (0.88–1.1)
Wigan	2016	1.04 (0.95–1.15)
Wigan	2017	1.06 (0.9–1.23)
Wirral	1950	0.57 (0.47–0.68)
Wirral	1951	0.67 (0.55–0.8)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wirral	1952	0.63 (0.52–0.75)
Wirral	1953	0.64 (0.52–0.76)
Wirral	1954	0.6 (0.5–0.71)
Wirral	1955	0.6 (0.51–0.71)
Wirral	1956	0.6 (0.5–0.7)
Wirral	1957	0.61 (0.52–0.72)
Wirral	1958	0.61 (0.51–0.71)
Wirral	1959	0.61 (0.51–0.72)
Wirral	1960	0.63 (0.53–0.74)
Wirral	1961	0.64 (0.54–0.77)
Wirral	1962	0.67 (0.55–0.8)
Wirral	1963	0.68 (0.56–0.81)
Wirral	1964	0.67 (0.55–0.8)
Wirral	1965	0.66 (0.54–0.79)
Wirral	1966	0.68 (0.56–0.82)
Wirral	1967	0.68 (0.55–0.81)
Wirral	1968	0.72 (0.58–0.86)
Wirral	1969	0.73 (0.6–0.88)
Wirral	1970	0.77 (0.63–0.92)
Wirral	1971	0.8 (0.67–0.95)
Wirral	1972	0.81 (0.68–0.96)
Wirral	1973	0.83 (0.7–0.96)
Wirral	1974	0.85 (0.73–0.98)
Wirral	1975	0.86 (0.74–0.99)
Wirral	1976	0.84 (0.72–0.97)
Wirral	1977	0.87 (0.76–0.99)
Wirral	1978	0.92 (0.82–1.04)
Wirral	1979	0.95 (0.85–1.06)
Wirral	1980	0.95 (0.86–1.03)
Wirral	1981	0.91 (0.84–0.98)
Wirral	1982	0.97 (0.9–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wirral	1983	0.95 (0.89–1.02)
Wirral	1984	0.92 (0.86–0.98)
Wirral	1985	0.97 (0.9–1.03)
Wirral	1986	1.01 (0.96–1.08)
Wirral	1987	1.02 (0.94–1.1)
Wirral	1988	1.04 (0.98–1.11)
Wirral	1989	1.02 (0.95–1.08)
Wirral	1990	1.02 (0.94–1.1)
Wirral	1991	1.0 (0.93–1.06)
Wirral	1992	0.92 (0.85–0.98)
Wirral	1993	0.91 (0.85–0.98)
Wirral	1994	0.92 (0.84–1.0)
Wirral	1995	0.95 (0.87–1.04)
Wirral	1996	0.99 (0.91–1.08)
Wirral	1997	1.01 (0.93–1.1)
Wirral	1998	0.99 (0.91–1.08)
Wirral	1999	1.04 (0.95–1.14)
Wirral	2000	1.01 (0.92–1.12)
Wirral	2001	1.0 (0.93–1.09)
Wirral	2002	0.99 (0.91–1.08)
Wirral	2003	1.06 (0.97–1.16)
Wirral	2004	1.02 (0.94–1.12)
Wirral	2005	1.04 (0.94–1.14)
Wirral	2006	1.07 (0.97–1.17)
Wirral	2007	1.05 (0.95–1.17)
Wirral	2008	1.04 (0.95–1.15)
Wirral	2009	1.02 (0.93–1.11)
Wirral	2010	0.99 (0.91–1.08)
Wirral	2011	1.0 (0.91–1.1)
Wirral	2012	0.97 (0.88–1.06)
Wirral	2013	0.94 (0.86–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wirral	2014	0.96 (0.86–1.06)
Wirral	2015	0.99 (0.88–1.1)
Wirral	2016	1.04 (0.95–1.15)
Wirral	2017	1.06 (0.9–1.23)
South East England	1950	0.9 (0.74–1.08)
South East England	1951	1.04 (0.85–1.25)
South East England	1952	0.97 (0.8–1.17)
South East England	1953	0.98 (0.8–1.17)
South East England	1954	0.91 (0.75–1.1)
South East England	1955	0.91 (0.74–1.11)
South East England	1956	0.89 (0.73–1.09)
South East England	1957	0.9 (0.73–1.1)
South East England	1958	0.88 (0.71–1.07)
South East England	1959	0.87 (0.71–1.06)
South East England	1960	0.88 (0.71–1.06)
South East England	1961	0.89 (0.72–1.07)
South East England	1962	0.91 (0.74–1.09)
South East England	1963	0.91 (0.74–1.09)
South East England	1964	0.88 (0.72–1.05)
South East England	1965	0.85 (0.69–1.02)
South East England	1966	0.87 (0.71–1.04)
South East England	1967	0.85 (0.69–1.02)
South East England	1968	0.88 (0.72–1.05)
South East England	1969	0.89 (0.73–1.06)
South East England	1970	0.91 (0.76–1.08)
South East England	1971	0.93 (0.78–1.1)
South East England	1972	0.93 (0.78–1.11)
South East England	1973	0.93 (0.78–1.12)
South East England	1974	0.94 (0.79–1.11)
South East England	1975	0.93 (0.79–1.1)
South East England	1976	0.9 (0.77–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
South East England	1977	0.92 (0.8–1.04)
South East England	1978	0.96 (0.85–1.08)
South East England	1979	0.98 (0.9–1.08)
South East England	1980	0.97 (0.9–1.04)
South East England	1981	0.93 (0.89–0.97)
South East England	1982	0.98 (0.95–1.01)
South East England	1983	1.0 (0.97–1.03)
South East England	1984	0.98 (0.95–1.01)
South East England	1985	0.99 (0.95–1.02)
South East England	1986	0.99 (0.97–1.02)
South East England	1987	0.99 (0.96–1.01)
South East England	1988	1.0 (0.97–1.03)
South East England	1989	0.99 (0.97–1.01)
South East England	1990	1.0 (0.98–1.02)
South East England	1991	1.0 (0.98–1.02)
South East England	1992	0.97 (0.95–1.0)
South East England	1993	1.0 (0.97–1.02)
South East England	1994	1.01 (0.98–1.04)
South East England	1995	1.02 (0.99–1.05)
South East England	1996	1.04 (1.01–1.06)
South East England	1997	1.01 (0.97–1.05)
South East England	1998	1.0 (0.96–1.03)
South East England	1999	1.02 (0.99–1.06)
South East England	2000	1.01 (0.95–1.09)
South East England	2001	1.0 (0.96–1.04)
South East England	2002	0.98 (0.95–1.02)
South East England	2003	1.02 (0.98–1.06)
South East England	2004	0.99 (0.96–1.02)
South East England	2005	0.99 (0.95–1.03)
South East England	2006	1.01 (0.97–1.05)
South East England	2007	1.01 (0.98–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
South East England	2008	1.01 (0.98–1.04)
South East England	2009	1.0 (0.96–1.04)
South East England	2010	0.98 (0.95–1.02)
South East England	2011	1.0 (0.96–1.04)
South East England	2012	1.0 (0.96–1.04)
South East England	2013	0.99 (0.95–1.02)
South East England	2014	0.99 (0.95–1.03)
South East England	2015	1.0 (0.96–1.04)
South East England	2016	1.0 (0.94–1.05)
South East England	2017	1.02 (0.92–1.14)
Bracknell Forest	1950	0.63 (0.52–0.75)
Bracknell Forest	1951	0.73 (0.6–0.88)
Bracknell Forest	1952	0.69 (0.56–0.82)
Bracknell Forest	1953	0.69 (0.57–0.83)
Bracknell Forest	1954	0.65 (0.54–0.78)
Bracknell Forest	1955	0.66 (0.55–0.78)
Bracknell Forest	1956	0.65 (0.54–0.77)
Bracknell Forest	1957	0.66 (0.55–0.78)
Bracknell Forest	1958	0.65 (0.55–0.77)
Bracknell Forest	1959	0.66 (0.55–0.77)
Bracknell Forest	1960	0.67 (0.57–0.8)
Bracknell Forest	1961	0.69 (0.58–0.82)
Bracknell Forest	1962	0.71 (0.59–0.85)
Bracknell Forest	1963	0.72 (0.59–0.87)
Bracknell Forest	1964	0.7 (0.58–0.84)
Bracknell Forest	1965	0.69 (0.56–0.83)
Bracknell Forest	1966	0.72 (0.58–0.86)
Bracknell Forest	1967	0.71 (0.58–0.85)
Bracknell Forest	1968	0.74 (0.61–0.89)
Bracknell Forest	1969	0.76 (0.62–0.92)
Bracknell Forest	1970	0.79 (0.65–0.94)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bracknell Forest	1971	0.82 (0.69–0.97)
Bracknell Forest	1972	0.83 (0.7–0.97)
Bracknell Forest	1973	0.84 (0.72–0.97)
Bracknell Forest	1974	0.86 (0.74–0.98)
Bracknell Forest	1975	0.87 (0.75–0.99)
Bracknell Forest	1976	0.84 (0.74–0.95)
Bracknell Forest	1977	0.87 (0.77–0.98)
Bracknell Forest	1978	0.92 (0.83–1.02)
Bracknell Forest	1979	0.95 (0.86–1.05)
Bracknell Forest	1980	0.94 (0.87–1.02)
Bracknell Forest	1981	0.9 (0.84–0.97)
Bracknell Forest	1982	0.94 (0.88–1.01)
Bracknell Forest	1983	0.95 (0.89–1.01)
Bracknell Forest	1984	0.94 (0.88–0.99)
Bracknell Forest	1985	0.98 (0.92–1.04)
Bracknell Forest	1986	1.01 (0.94–1.07)
Bracknell Forest	1987	1.06 (1.01–1.11)
Bracknell Forest	1988	1.09 (1.02–1.15)
Bracknell Forest	1989	1.06 (1.0–1.12)
Bracknell Forest	1990	1.04 (0.98–1.1)
Bracknell Forest	1991	0.99 (0.93–1.05)
Bracknell Forest	1992	0.91 (0.83–0.97)
Bracknell Forest	1993	0.91 (0.85–0.97)
Bracknell Forest	1994	0.9 (0.83–0.98)
Bracknell Forest	1995	0.96 (0.89–1.03)
Bracknell Forest	1996	1.02 (0.95–1.09)
Bracknell Forest	1997	0.99 (0.92–1.05)
Bracknell Forest	1998	0.97 (0.9–1.04)
Bracknell Forest	1999	1.0 (0.93–1.08)
Bracknell Forest	2000	0.98 (0.89–1.09)
Bracknell Forest	2001	0.98 (0.91–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bracknell Forest	2002	1.0 (0.93–1.08)
Bracknell Forest	2003	1.05 (0.96–1.15)
Bracknell Forest	2004	1.0 (0.91–1.1)
Bracknell Forest	2005	1.01 (0.92–1.11)
Bracknell Forest	2006	1.07 (0.97–1.16)
Bracknell Forest	2007	1.07 (0.98–1.16)
Bracknell Forest	2008	1.07 (0.98–1.17)
Bracknell Forest	2009	1.03 (0.95–1.13)
Bracknell Forest	2010	0.99 (0.92–1.07)
Bracknell Forest	2011	0.99 (0.91–1.07)
Bracknell Forest	2012	0.98 (0.91–1.06)
Bracknell Forest	2013	0.97 (0.89–1.04)
Bracknell Forest	2014	0.96 (0.88–1.05)
Bracknell Forest	2015	0.97 (0.89–1.07)
Bracknell Forest	2016	1.0 (0.91–1.08)
Bracknell Forest	2017	1.02 (0.88–1.17)
Brighton and Hove	1950	0.63 (0.52–0.75)
Brighton and Hove	1951	0.73 (0.6–0.89)
Brighton and Hove	1952	0.69 (0.56–0.82)
Brighton and Hove	1953	0.69 (0.57–0.83)
Brighton and Hove	1954	0.66 (0.54–0.78)
Brighton and Hove	1955	0.66 (0.55–0.78)
Brighton and Hove	1956	0.65 (0.54–0.77)
Brighton and Hove	1957	0.66 (0.56–0.78)
Brighton and Hove	1958	0.65 (0.55–0.77)
Brighton and Hove	1959	0.66 (0.55–0.77)
Brighton and Hove	1960	0.67 (0.57–0.8)
Brighton and Hove	1961	0.69 (0.58–0.82)
Brighton and Hove	1962	0.71 (0.59–0.85)
Brighton and Hove	1963	0.72 (0.6–0.87)
Brighton and Hove	1964	0.7 (0.58–0.84)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Brighton and Hove	1965	0.69 (0.56–0.83)
Brighton and Hove	1966	0.72 (0.59–0.86)
Brighton and Hove	1967	0.71 (0.58–0.85)
Brighton and Hove	1968	0.74 (0.61–0.89)
Brighton and Hove	1969	0.76 (0.63–0.92)
Brighton and Hove	1970	0.8 (0.66–0.94)
Brighton and Hove	1971	0.82 (0.69–0.97)
Brighton and Hove	1972	0.83 (0.7–0.97)
Brighton and Hove	1973	0.84 (0.72–0.97)
Brighton and Hove	1974	0.86 (0.74–0.98)
Brighton and Hove	1975	0.87 (0.75–0.99)
Brighton and Hove	1976	0.84 (0.74–0.95)
Brighton and Hove	1977	0.87 (0.77–0.98)
Brighton and Hove	1978	0.92 (0.83–1.02)
Brighton and Hove	1979	0.95 (0.86–1.05)
Brighton and Hove	1980	0.94 (0.87–1.02)
Brighton and Hove	1981	0.9 (0.84–0.97)
Brighton and Hove	1982	0.94 (0.88–1.01)
Brighton and Hove	1983	0.95 (0.89–1.01)
Brighton and Hove	1984	0.94 (0.88–0.99)
Brighton and Hove	1985	0.98 (0.92–1.04)
Brighton and Hove	1986	1.01 (0.94–1.06)
Brighton and Hove	1987	1.06 (1.01–1.11)
Brighton and Hove	1988	1.09 (1.02–1.15)
Brighton and Hove	1989	1.06 (1.0–1.12)
Brighton and Hove	1990	1.04 (0.98–1.1)
Brighton and Hove	1991	0.99 (0.93–1.05)
Brighton and Hove	1992	0.91 (0.83–0.97)
Brighton and Hove	1993	0.91 (0.85–0.97)
Brighton and Hove	1994	0.9 (0.83–0.98)
Brighton and Hove	1995	0.96 (0.89–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Brighton and Hove	1996	1.02 (0.95–1.09)
Brighton and Hove	1997	0.99 (0.92–1.05)
Brighton and Hove	1998	0.97 (0.9–1.04)
Brighton and Hove	1999	1.0 (0.93–1.08)
Brighton and Hove	2000	0.98 (0.89–1.09)
Brighton and Hove	2001	0.98 (0.91–1.06)
Brighton and Hove	2002	1.0 (0.93–1.08)
Brighton and Hove	2003	1.05 (0.96–1.15)
Brighton and Hove	2004	1.0 (0.91–1.1)
Brighton and Hove	2005	1.01 (0.92–1.11)
Brighton and Hove	2006	1.07 (0.97–1.16)
Brighton and Hove	2007	1.07 (0.98–1.16)
Brighton and Hove	2008	1.07 (0.98–1.17)
Brighton and Hove	2009	1.03 (0.95–1.13)
Brighton and Hove	2010	0.99 (0.92–1.07)
Brighton and Hove	2011	0.99 (0.91–1.07)
Brighton and Hove	2012	0.98 (0.91–1.06)
Brighton and Hove	2013	0.97 (0.89–1.04)
Brighton and Hove	2014	0.96 (0.88–1.05)
Brighton and Hove	2015	0.97 (0.89–1.07)
Brighton and Hove	2016	1.0 (0.91–1.08)
Brighton and Hove	2017	1.02 (0.88–1.17)
Buckinghamshire	1950	0.63 (0.52–0.75)
Buckinghamshire	1951	0.73 (0.6–0.88)
Buckinghamshire	1952	0.69 (0.56–0.82)
Buckinghamshire	1953	0.69 (0.57–0.83)
Buckinghamshire	1954	0.65 (0.54–0.78)
Buckinghamshire	1955	0.66 (0.55–0.78)
Buckinghamshire	1956	0.65 (0.54–0.77)
Buckinghamshire	1957	0.66 (0.55–0.78)
Buckinghamshire	1958	0.65 (0.55–0.77)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Buckinghamshire	1959	0.66 (0.55–0.77)
Buckinghamshire	1960	0.67 (0.57–0.79)
Buckinghamshire	1961	0.69 (0.58–0.82)
Buckinghamshire	1962	0.71 (0.59–0.85)
Buckinghamshire	1963	0.72 (0.59–0.87)
Buckinghamshire	1964	0.7 (0.58–0.84)
Buckinghamshire	1965	0.69 (0.56–0.83)
Buckinghamshire	1966	0.72 (0.58–0.86)
Buckinghamshire	1967	0.71 (0.58–0.85)
Buckinghamshire	1968	0.74 (0.61–0.89)
Buckinghamshire	1969	0.76 (0.62–0.92)
Buckinghamshire	1970	0.79 (0.65–0.94)
Buckinghamshire	1971	0.82 (0.69–0.97)
Buckinghamshire	1972	0.83 (0.7–0.97)
Buckinghamshire	1973	0.84 (0.72–0.97)
Buckinghamshire	1974	0.86 (0.74–0.98)
Buckinghamshire	1975	0.87 (0.75–0.99)
Buckinghamshire	1976	0.84 (0.74–0.95)
Buckinghamshire	1977	0.87 (0.77–0.98)
Buckinghamshire	1978	0.92 (0.83–1.02)
Buckinghamshire	1979	0.95 (0.86–1.05)
Buckinghamshire	1980	0.94 (0.87–1.02)
Buckinghamshire	1981	0.9 (0.84–0.97)
Buckinghamshire	1982	0.94 (0.88–1.01)
Buckinghamshire	1983	0.95 (0.89–1.01)
Buckinghamshire	1984	0.94 (0.88–0.99)
Buckinghamshire	1985	0.98 (0.92–1.04)
Buckinghamshire	1986	1.01 (0.94–1.07)
Buckinghamshire	1987	1.06 (1.01–1.11)
Buckinghamshire	1988	1.09 (1.02–1.15)
Buckinghamshire	1989	1.06 (1.0–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Buckinghamshire	1990	1.04 (0.98–1.1)
Buckinghamshire	1991	0.99 (0.93–1.05)
Buckinghamshire	1992	0.91 (0.83–0.97)
Buckinghamshire	1993	0.91 (0.85–0.97)
Buckinghamshire	1994	0.9 (0.83–0.98)
Buckinghamshire	1995	0.96 (0.89–1.03)
Buckinghamshire	1996	1.02 (0.95–1.09)
Buckinghamshire	1997	0.99 (0.92–1.05)
Buckinghamshire	1998	0.97 (0.9–1.04)
Buckinghamshire	1999	1.0 (0.93–1.08)
Buckinghamshire	2000	0.98 (0.89–1.09)
Buckinghamshire	2001	0.98 (0.91–1.06)
Buckinghamshire	2002	1.0 (0.93–1.08)
Buckinghamshire	2003	1.05 (0.96–1.15)
Buckinghamshire	2004	1.0 (0.91–1.1)
Buckinghamshire	2005	1.01 (0.92–1.11)
Buckinghamshire	2006	1.07 (0.97–1.16)
Buckinghamshire	2007	1.07 (0.98–1.16)
Buckinghamshire	2008	1.07 (0.98–1.17)
Buckinghamshire	2009	1.03 (0.95–1.13)
Buckinghamshire	2010	0.99 (0.92–1.07)
Buckinghamshire	2011	0.99 (0.91–1.07)
Buckinghamshire	2012	0.98 (0.91–1.06)
Buckinghamshire	2013	0.97 (0.89–1.04)
Buckinghamshire	2014	0.96 (0.88–1.05)
Buckinghamshire	2015	0.97 (0.89–1.07)
Buckinghamshire	2016	1.0 (0.91–1.08)
Buckinghamshire	2017	1.02 (0.88–1.17)
East Sussex	1950	0.63 (0.52–0.75)
East Sussex	1951	0.73 (0.6–0.89)
East Sussex	1952	0.69 (0.56–0.82)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
East Sussex	1953	0.69 (0.57–0.83)
East Sussex	1954	0.65 (0.54–0.78)
East Sussex	1955	0.66 (0.55–0.78)
East Sussex	1956	0.65 (0.54–0.77)
East Sussex	1957	0.66 (0.55–0.78)
East Sussex	1958	0.65 (0.55–0.77)
East Sussex	1959	0.66 (0.55–0.77)
East Sussex	1960	0.67 (0.57–0.8)
East Sussex	1961	0.69 (0.58–0.82)
East Sussex	1962	0.71 (0.59–0.85)
East Sussex	1963	0.72 (0.59–0.87)
East Sussex	1964	0.7 (0.58–0.84)
East Sussex	1965	0.69 (0.56–0.83)
East Sussex	1966	0.72 (0.58–0.86)
East Sussex	1967	0.71 (0.58–0.85)
East Sussex	1968	0.74 (0.61–0.89)
East Sussex	1969	0.76 (0.62–0.92)
East Sussex	1970	0.79 (0.65–0.94)
East Sussex	1971	0.82 (0.69–0.97)
East Sussex	1972	0.83 (0.7–0.97)
East Sussex	1973	0.84 (0.72–0.97)
East Sussex	1974	0.86 (0.74–0.98)
East Sussex	1975	0.87 (0.75–0.99)
East Sussex	1976	0.84 (0.74–0.95)
East Sussex	1977	0.87 (0.77–0.98)
East Sussex	1978	0.92 (0.83–1.02)
East Sussex	1979	0.95 (0.86–1.05)
East Sussex	1980	0.94 (0.87–1.02)
East Sussex	1981	0.9 (0.84–0.97)
East Sussex	1982	0.94 (0.88–1.01)
East Sussex	1983	0.95 (0.89–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
East Sussex	1984	0.94 (0.88–0.99)
East Sussex	1985	0.98 (0.92–1.04)
East Sussex	1986	1.01 (0.94–1.06)
East Sussex	1987	1.06 (1.01–1.11)
East Sussex	1988	1.09 (1.02–1.15)
East Sussex	1989	1.06 (1.0–1.12)
East Sussex	1990	1.04 (0.98–1.1)
East Sussex	1991	0.99 (0.93–1.05)
East Sussex	1992	0.91 (0.83–0.97)
East Sussex	1993	0.91 (0.85–0.97)
East Sussex	1994	0.9 (0.83–0.98)
East Sussex	1995	0.96 (0.89–1.03)
East Sussex	1996	1.02 (0.95–1.09)
East Sussex	1997	0.99 (0.92–1.05)
East Sussex	1998	0.97 (0.9–1.04)
East Sussex	1999	1.0 (0.93–1.08)
East Sussex	2000	0.98 (0.89–1.09)
East Sussex	2001	0.98 (0.91–1.06)
East Sussex	2002	1.0 (0.93–1.08)
East Sussex	2003	1.05 (0.96–1.15)
East Sussex	2004	1.0 (0.91–1.1)
East Sussex	2005	1.01 (0.92–1.11)
East Sussex	2006	1.07 (0.97–1.16)
East Sussex	2007	1.07 (0.98–1.16)
East Sussex	2008	1.07 (0.98–1.17)
East Sussex	2009	1.03 (0.95–1.13)
East Sussex	2010	0.99 (0.92–1.07)
East Sussex	2011	0.99 (0.91–1.07)
East Sussex	2012	0.98 (0.91–1.06)
East Sussex	2013	0.97 (0.89–1.04)
East Sussex	2014	0.96 (0.88–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
East Sussex	2015	0.97 (0.89–1.07)
East Sussex	2016	1.0 (0.91–1.08)
East Sussex	2017	1.02 (0.88–1.17)
Hampshire	1950	0.63 (0.52–0.75)
Hampshire	1951	0.73 (0.6–0.89)
Hampshire	1952	0.69 (0.56–0.82)
Hampshire	1953	0.69 (0.57–0.83)
Hampshire	1954	0.65 (0.54–0.78)
Hampshire	1955	0.66 (0.55–0.78)
Hampshire	1956	0.65 (0.54–0.77)
Hampshire	1957	0.66 (0.55–0.78)
Hampshire	1958	0.65 (0.55–0.77)
Hampshire	1959	0.66 (0.55–0.77)
Hampshire	1960	0.67 (0.57–0.8)
Hampshire	1961	0.69 (0.58–0.82)
Hampshire	1962	0.71 (0.59–0.85)
Hampshire	1963	0.72 (0.59–0.87)
Hampshire	1964	0.7 (0.58–0.84)
Hampshire	1965	0.69 (0.56–0.83)
Hampshire	1966	0.72 (0.58–0.86)
Hampshire	1967	0.71 (0.58–0.85)
Hampshire	1968	0.74 (0.61–0.89)
Hampshire	1969	0.76 (0.62–0.92)
Hampshire	1970	0.79 (0.65–0.94)
Hampshire	1971	0.82 (0.69–0.97)
Hampshire	1972	0.83 (0.7–0.97)
Hampshire	1973	0.84 (0.72–0.97)
Hampshire	1974	0.86 (0.74–0.98)
Hampshire	1975	0.87 (0.75–0.99)
Hampshire	1976	0.84 (0.74–0.95)
Hampshire	1977	0.87 (0.77–0.98)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hampshire	1978	0.92 (0.83–1.02)
Hampshire	1979	0.95 (0.86–1.05)
Hampshire	1980	0.94 (0.87–1.02)
Hampshire	1981	0.9 (0.84–0.97)
Hampshire	1982	0.94 (0.88–1.01)
Hampshire	1983	0.95 (0.89–1.01)
Hampshire	1984	0.94 (0.88–0.99)
Hampshire	1985	0.98 (0.92–1.04)
Hampshire	1986	1.01 (0.94–1.06)
Hampshire	1987	1.06 (1.01–1.11)
Hampshire	1988	1.09 (1.02–1.15)
Hampshire	1989	1.06 (1.0–1.12)
Hampshire	1990	1.04 (0.98–1.1)
Hampshire	1991	0.99 (0.93–1.05)
Hampshire	1992	0.91 (0.83–0.97)
Hampshire	1993	0.91 (0.85–0.97)
Hampshire	1994	0.9 (0.83–0.98)
Hampshire	1995	0.96 (0.89–1.03)
Hampshire	1996	1.02 (0.95–1.09)
Hampshire	1997	0.99 (0.92–1.05)
Hampshire	1998	0.97 (0.9–1.04)
Hampshire	1999	1.0 (0.93–1.08)
Hampshire	2000	0.98 (0.89–1.09)
Hampshire	2001	0.98 (0.91–1.06)
Hampshire	2002	1.0 (0.93–1.08)
Hampshire	2003	1.05 (0.96–1.15)
Hampshire	2004	1.0 (0.91–1.1)
Hampshire	2005	1.01 (0.92–1.11)
Hampshire	2006	1.07 (0.97–1.16)
Hampshire	2007	1.07 (0.98–1.16)
Hampshire	2008	1.07 (0.98–1.17)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hampshire	2009	1.03 (0.95–1.13)
Hampshire	2010	0.99 (0.92–1.07)
Hampshire	2011	0.99 (0.91–1.07)
Hampshire	2012	0.98 (0.91–1.06)
Hampshire	2013	0.97 (0.89–1.04)
Hampshire	2014	0.96 (0.88–1.05)
Hampshire	2015	0.97 (0.89–1.07)
Hampshire	2016	1.0 (0.91–1.08)
Hampshire	2017	1.02 (0.88–1.17)
Isle of Wight	1950	0.63 (0.52–0.75)
Isle of Wight	1951	0.73 (0.61–0.89)
Isle of Wight	1952	0.69 (0.56–0.82)
Isle of Wight	1953	0.7 (0.57–0.83)
Isle of Wight	1954	0.66 (0.55–0.78)
Isle of Wight	1955	0.66 (0.55–0.78)
Isle of Wight	1956	0.65 (0.54–0.77)
Isle of Wight	1957	0.66 (0.56–0.78)
Isle of Wight	1958	0.65 (0.55–0.77)
Isle of Wight	1959	0.66 (0.55–0.77)
Isle of Wight	1960	0.67 (0.57–0.8)
Isle of Wight	1961	0.69 (0.58–0.82)
Isle of Wight	1962	0.71 (0.59–0.85)
Isle of Wight	1963	0.72 (0.6–0.87)
Isle of Wight	1964	0.7 (0.58–0.84)
Isle of Wight	1965	0.69 (0.56–0.83)
Isle of Wight	1966	0.72 (0.59–0.86)
Isle of Wight	1967	0.71 (0.58–0.85)
Isle of Wight	1968	0.74 (0.61–0.89)
Isle of Wight	1969	0.76 (0.63–0.92)
Isle of Wight	1970	0.8 (0.66–0.94)
Isle of Wight	1971	0.82 (0.69–0.97)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Isle of Wight	1972	0.83 (0.7–0.97)
Isle of Wight	1973	0.84 (0.72–0.97)
Isle of Wight	1974	0.86 (0.74–0.98)
Isle of Wight	1975	0.87 (0.75–0.99)
Isle of Wight	1976	0.84 (0.74–0.95)
Isle of Wight	1977	0.87 (0.77–0.98)
Isle of Wight	1978	0.92 (0.83–1.02)
Isle of Wight	1979	0.95 (0.86–1.05)
Isle of Wight	1980	0.94 (0.87–1.02)
Isle of Wight	1981	0.9 (0.84–0.97)
Isle of Wight	1982	0.94 (0.88–1.01)
Isle of Wight	1983	0.95 (0.89–1.01)
Isle of Wight	1984	0.94 (0.88–0.99)
Isle of Wight	1985	0.98 (0.92–1.04)
Isle of Wight	1986	1.01 (0.94–1.06)
Isle of Wight	1987	1.06 (1.01–1.11)
Isle of Wight	1988	1.09 (1.02–1.15)
Isle of Wight	1989	1.06 (1.0–1.12)
Isle of Wight	1990	1.04 (0.98–1.1)
Isle of Wight	1991	0.99 (0.93–1.05)
Isle of Wight	1992	0.91 (0.83–0.97)
Isle of Wight	1993	0.91 (0.85–0.97)
Isle of Wight	1994	0.9 (0.83–0.98)
Isle of Wight	1995	0.96 (0.89–1.03)
Isle of Wight	1996	1.02 (0.95–1.09)
Isle of Wight	1997	0.99 (0.92–1.05)
Isle of Wight	1998	0.97 (0.9–1.04)
Isle of Wight	1999	1.0 (0.93–1.08)
Isle of Wight	2000	0.98 (0.89–1.09)
Isle of Wight	2001	0.98 (0.91–1.06)
Isle of Wight	2002	1.0 (0.93–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Isle of Wight	2003	1.05 (0.96–1.15)
Isle of Wight	2004	1.0 (0.91–1.1)
Isle of Wight	2005	1.01 (0.92–1.11)
Isle of Wight	2006	1.07 (0.97–1.16)
Isle of Wight	2007	1.07 (0.98–1.16)
Isle of Wight	2008	1.07 (0.98–1.17)
Isle of Wight	2009	1.03 (0.95–1.13)
Isle of Wight	2010	0.99 (0.92–1.07)
Isle of Wight	2011	0.99 (0.91–1.07)
Isle of Wight	2012	0.98 (0.91–1.06)
Isle of Wight	2013	0.97 (0.89–1.04)
Isle of Wight	2014	0.96 (0.88–1.05)
Isle of Wight	2015	0.97 (0.89–1.07)
Isle of Wight	2016	1.0 (0.91–1.08)
Isle of Wight	2017	1.02 (0.88–1.17)
Kent	1950	0.63 (0.52–0.75)
Kent	1951	0.73 (0.6–0.89)
Kent	1952	0.69 (0.56–0.82)
Kent	1953	0.69 (0.57–0.83)
Kent	1954	0.65 (0.54–0.78)
Kent	1955	0.66 (0.55–0.78)
Kent	1956	0.65 (0.54–0.77)
Kent	1957	0.66 (0.55–0.78)
Kent	1958	0.65 (0.55–0.77)
Kent	1959	0.66 (0.55–0.77)
Kent	1960	0.67 (0.57–0.8)
Kent	1961	0.69 (0.58–0.82)
Kent	1962	0.71 (0.59–0.85)
Kent	1963	0.72 (0.59–0.87)
Kent	1964	0.7 (0.58–0.84)
Kent	1965	0.69 (0.56–0.83)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kent	1966	0.72 (0.58–0.86)
Kent	1967	0.71 (0.58–0.85)
Kent	1968	0.74 (0.61–0.89)
Kent	1969	0.76 (0.62–0.92)
Kent	1970	0.79 (0.65–0.94)
Kent	1971	0.82 (0.69–0.97)
Kent	1972	0.83 (0.7–0.97)
Kent	1973	0.84 (0.72–0.97)
Kent	1974	0.86 (0.74–0.98)
Kent	1975	0.87 (0.75–0.99)
Kent	1976	0.84 (0.74–0.95)
Kent	1977	0.87 (0.77–0.98)
Kent	1978	0.92 (0.83–1.02)
Kent	1979	0.95 (0.86–1.05)
Kent	1980	0.94 (0.87–1.02)
Kent	1981	0.9 (0.84–0.97)
Kent	1982	0.94 (0.88–1.01)
Kent	1983	0.95 (0.89–1.01)
Kent	1984	0.94 (0.88–0.99)
Kent	1985	0.98 (0.92–1.04)
Kent	1986	1.01 (0.94–1.06)
Kent	1987	1.06 (1.01–1.11)
Kent	1988	1.09 (1.02–1.15)
Kent	1989	1.06 (1.0–1.12)
Kent	1990	1.04 (0.98–1.1)
Kent	1991	0.99 (0.93–1.05)
Kent	1992	0.91 (0.83–0.97)
Kent	1993	0.91 (0.85–0.97)
Kent	1994	0.9 (0.83–0.98)
Kent	1995	0.96 (0.89–1.03)
Kent	1996	1.02 (0.95–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kent	1997	0.99 (0.92–1.05)
Kent	1998	0.97 (0.9–1.04)
Kent	1999	1.0 (0.93–1.08)
Kent	2000	0.98 (0.89–1.09)
Kent	2001	0.98 (0.91–1.06)
Kent	2002	1.0 (0.93–1.08)
Kent	2003	1.05 (0.96–1.15)
Kent	2004	1.0 (0.91–1.1)
Kent	2005	1.01 (0.92–1.11)
Kent	2006	1.07 (0.97–1.16)
Kent	2007	1.07 (0.98–1.16)
Kent	2008	1.07 (0.98–1.17)
Kent	2009	1.03 (0.95–1.13)
Kent	2010	0.99 (0.92–1.07)
Kent	2011	0.99 (0.91–1.07)
Kent	2012	0.98 (0.91–1.06)
Kent	2013	0.97 (0.89–1.04)
Kent	2014	0.96 (0.88–1.05)
Kent	2015	0.97 (0.89–1.07)
Kent	2016	1.0 (0.91–1.08)
Kent	2017	1.02 (0.88–1.17)
Medway	1950	0.63 (0.52–0.75)
Medway	1951	0.73 (0.6–0.89)
Medway	1952	0.69 (0.56–0.82)
Medway	1953	0.69 (0.57–0.83)
Medway	1954	0.66 (0.54–0.78)
Medway	1955	0.66 (0.55–0.78)
Medway	1956	0.65 (0.54–0.77)
Medway	1957	0.66 (0.56–0.78)
Medway	1958	0.65 (0.55–0.77)
Medway	1959	0.66 (0.55–0.77)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Medway	1960	0.67 (0.57–0.8)
Medway	1961	0.69 (0.58–0.82)
Medway	1962	0.71 (0.59–0.85)
Medway	1963	0.72 (0.59–0.87)
Medway	1964	0.7 (0.58–0.84)
Medway	1965	0.69 (0.56–0.83)
Medway	1966	0.72 (0.59–0.86)
Medway	1967	0.71 (0.58–0.85)
Medway	1968	0.74 (0.61–0.89)
Medway	1969	0.76 (0.62–0.92)
Medway	1970	0.8 (0.66–0.94)
Medway	1971	0.82 (0.69–0.97)
Medway	1972	0.83 (0.7–0.97)
Medway	1973	0.84 (0.72–0.97)
Medway	1974	0.86 (0.74–0.98)
Medway	1975	0.87 (0.75–0.99)
Medway	1976	0.84 (0.74–0.95)
Medway	1977	0.87 (0.77–0.98)
Medway	1978	0.92 (0.83–1.02)
Medway	1979	0.95 (0.86–1.05)
Medway	1980	0.94 (0.87–1.02)
Medway	1981	0.9 (0.84–0.97)
Medway	1982	0.94 (0.88–1.01)
Medway	1983	0.95 (0.89–1.01)
Medway	1984	0.94 (0.88–0.99)
Medway	1985	0.98 (0.92–1.04)
Medway	1986	1.01 (0.94–1.06)
Medway	1987	1.06 (1.01–1.11)
Medway	1988	1.09 (1.02–1.15)
Medway	1989	1.06 (1.0–1.12)
Medway	1990	1.04 (0.98–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Medway	1991	0.99 (0.93–1.05)
Medway	1992	0.91 (0.83–0.97)
Medway	1993	0.91 (0.85–0.97)
Medway	1994	0.9 (0.83–0.98)
Medway	1995	0.96 (0.89–1.03)
Medway	1996	1.02 (0.95–1.09)
Medway	1997	0.99 (0.92–1.05)
Medway	1998	0.97 (0.9–1.04)
Medway	1999	1.0 (0.93–1.08)
Medway	2000	0.98 (0.89–1.09)
Medway	2001	0.98 (0.91–1.06)
Medway	2002	1.0 (0.93–1.08)
Medway	2003	1.05 (0.96–1.15)
Medway	2004	1.0 (0.91–1.1)
Medway	2005	1.01 (0.92–1.11)
Medway	2006	1.07 (0.97–1.16)
Medway	2007	1.07 (0.98–1.16)
Medway	2008	1.07 (0.98–1.17)
Medway	2009	1.03 (0.95–1.13)
Medway	2010	0.99 (0.92–1.07)
Medway	2011	0.99 (0.91–1.07)
Medway	2012	0.98 (0.91–1.06)
Medway	2013	0.97 (0.89–1.04)
Medway	2014	0.96 (0.88–1.05)
Medway	2015	0.97 (0.89–1.07)
Medway	2016	1.0 (0.91–1.08)
Medway	2017	1.02 (0.88–1.17)
Milton Keynes	1950	0.63 (0.52–0.75)
Milton Keynes	1951	0.73 (0.6–0.89)
Milton Keynes	1952	0.69 (0.56–0.82)
Milton Keynes	1953	0.69 (0.57–0.83)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Milton Keynes	1954	0.66 (0.54–0.78)
Milton Keynes	1955	0.66 (0.55–0.78)
Milton Keynes	1956	0.65 (0.54–0.77)
Milton Keynes	1957	0.66 (0.55–0.78)
Milton Keynes	1958	0.65 (0.55–0.77)
Milton Keynes	1959	0.66 (0.55–0.77)
Milton Keynes	1960	0.67 (0.57–0.8)
Milton Keynes	1961	0.69 (0.58–0.82)
Milton Keynes	1962	0.71 (0.59–0.85)
Milton Keynes	1963	0.72 (0.59–0.87)
Milton Keynes	1964	0.7 (0.58–0.84)
Milton Keynes	1965	0.69 (0.56–0.83)
Milton Keynes	1966	0.72 (0.59–0.86)
Milton Keynes	1967	0.71 (0.58–0.85)
Milton Keynes	1968	0.74 (0.61–0.89)
Milton Keynes	1969	0.76 (0.62–0.92)
Milton Keynes	1970	0.79 (0.65–0.94)
Milton Keynes	1971	0.82 (0.69–0.97)
Milton Keynes	1972	0.83 (0.7–0.97)
Milton Keynes	1973	0.84 (0.72–0.97)
Milton Keynes	1974	0.86 (0.74–0.98)
Milton Keynes	1975	0.87 (0.75–0.99)
Milton Keynes	1976	0.84 (0.74–0.95)
Milton Keynes	1977	0.87 (0.77–0.98)
Milton Keynes	1978	0.92 (0.83–1.02)
Milton Keynes	1979	0.95 (0.86–1.05)
Milton Keynes	1980	0.94 (0.87–1.02)
Milton Keynes	1981	0.9 (0.84–0.97)
Milton Keynes	1982	0.94 (0.88–1.01)
Milton Keynes	1983	0.95 (0.89–1.01)
Milton Keynes	1984	0.94 (0.88–0.99)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Milton Keynes	1985	0.98 (0.92–1.04)
Milton Keynes	1986	1.01 (0.94–1.06)
Milton Keynes	1987	1.06 (1.01–1.11)
Milton Keynes	1988	1.09 (1.02–1.15)
Milton Keynes	1989	1.06 (1.0–1.12)
Milton Keynes	1990	1.04 (0.98–1.1)
Milton Keynes	1991	0.99 (0.93–1.05)
Milton Keynes	1992	0.91 (0.83–0.97)
Milton Keynes	1993	0.91 (0.85–0.97)
Milton Keynes	1994	0.9 (0.83–0.98)
Milton Keynes	1995	0.96 (0.89–1.03)
Milton Keynes	1996	1.02 (0.95–1.09)
Milton Keynes	1997	0.99 (0.92–1.05)
Milton Keynes	1998	0.97 (0.9–1.04)
Milton Keynes	1999	1.0 (0.93–1.08)
Milton Keynes	2000	0.98 (0.89–1.09)
Milton Keynes	2001	0.98 (0.91–1.06)
Milton Keynes	2002	1.0 (0.93–1.08)
Milton Keynes	2003	1.05 (0.96–1.15)
Milton Keynes	2004	1.0 (0.91–1.1)
Milton Keynes	2005	1.01 (0.92–1.11)
Milton Keynes	2006	1.07 (0.97–1.16)
Milton Keynes	2007	1.07 (0.98–1.16)
Milton Keynes	2008	1.07 (0.98–1.17)
Milton Keynes	2009	1.03 (0.95–1.13)
Milton Keynes	2010	0.99 (0.92–1.07)
Milton Keynes	2011	0.99 (0.91–1.07)
Milton Keynes	2012	0.98 (0.91–1.06)
Milton Keynes	2013	0.97 (0.89–1.04)
Milton Keynes	2014	0.96 (0.88–1.05)
Milton Keynes	2015	0.97 (0.89–1.07)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Milton Keynes	2016	1.0 (0.91–1.08)
Milton Keynes	2017	1.02 (0.88–1.17)
Oxfordshire	1950	0.63 (0.52–0.75)
Oxfordshire	1951	0.73 (0.6–0.88)
Oxfordshire	1952	0.69 (0.56–0.82)
Oxfordshire	1953	0.69 (0.57–0.83)
Oxfordshire	1954	0.65 (0.54–0.78)
Oxfordshire	1955	0.66 (0.55–0.78)
Oxfordshire	1956	0.65 (0.54–0.77)
Oxfordshire	1957	0.66 (0.55–0.78)
Oxfordshire	1958	0.65 (0.55–0.77)
Oxfordshire	1959	0.66 (0.55–0.77)
Oxfordshire	1960	0.67 (0.56–0.79)
Oxfordshire	1961	0.69 (0.58–0.82)
Oxfordshire	1962	0.71 (0.59–0.85)
Oxfordshire	1963	0.72 (0.59–0.87)
Oxfordshire	1964	0.7 (0.58–0.84)
Oxfordshire	1965	0.69 (0.56–0.83)
Oxfordshire	1966	0.72 (0.58–0.86)
Oxfordshire	1967	0.71 (0.58–0.85)
Oxfordshire	1968	0.74 (0.61–0.89)
Oxfordshire	1969	0.76 (0.62–0.92)
Oxfordshire	1970	0.79 (0.65–0.94)
Oxfordshire	1971	0.82 (0.69–0.97)
Oxfordshire	1972	0.83 (0.7–0.97)
Oxfordshire	1973	0.84 (0.72–0.97)
Oxfordshire	1974	0.86 (0.74–0.98)
Oxfordshire	1975	0.87 (0.75–0.99)
Oxfordshire	1976	0.84 (0.74–0.95)
Oxfordshire	1977	0.87 (0.77–0.98)
Oxfordshire	1978	0.92 (0.83–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Oxfordshire	1979	0.95 (0.86–1.05)
Oxfordshire	1980	0.94 (0.87–1.02)
Oxfordshire	1981	0.9 (0.84–0.97)
Oxfordshire	1982	0.94 (0.88–1.01)
Oxfordshire	1983	0.95 (0.89–1.01)
Oxfordshire	1984	0.94 (0.88–0.99)
Oxfordshire	1985	0.98 (0.92–1.04)
Oxfordshire	1986	1.01 (0.94–1.07)
Oxfordshire	1987	1.06 (1.01–1.11)
Oxfordshire	1988	1.09 (1.02–1.15)
Oxfordshire	1989	1.06 (1.0–1.12)
Oxfordshire	1990	1.04 (0.98–1.1)
Oxfordshire	1991	0.99 (0.93–1.05)
Oxfordshire	1992	0.91 (0.83–0.97)
Oxfordshire	1993	0.91 (0.85–0.97)
Oxfordshire	1994	0.9 (0.83–0.98)
Oxfordshire	1995	0.96 (0.89–1.03)
Oxfordshire	1996	1.02 (0.95–1.09)
Oxfordshire	1997	0.99 (0.92–1.05)
Oxfordshire	1998	0.97 (0.9–1.04)
Oxfordshire	1999	1.0 (0.93–1.08)
Oxfordshire	2000	0.98 (0.89–1.09)
Oxfordshire	2001	0.98 (0.91–1.06)
Oxfordshire	2002	1.0 (0.93–1.08)
Oxfordshire	2003	1.05 (0.96–1.15)
Oxfordshire	2004	1.0 (0.91–1.1)
Oxfordshire	2005	1.01 (0.92–1.11)
Oxfordshire	2006	1.07 (0.97–1.16)
Oxfordshire	2007	1.07 (0.98–1.16)
Oxfordshire	2008	1.07 (0.98–1.17)
Oxfordshire	2009	1.03 (0.95–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Oxfordshire	2010	0.99 (0.92–1.07)
Oxfordshire	2011	0.99 (0.91–1.07)
Oxfordshire	2012	0.98 (0.91–1.06)
Oxfordshire	2013	0.97 (0.89–1.04)
Oxfordshire	2014	0.96 (0.88–1.05)
Oxfordshire	2015	0.97 (0.89–1.07)
Oxfordshire	2016	1.0 (0.91–1.08)
Oxfordshire	2017	1.02 (0.88–1.17)
Portsmouth	1950	0.63 (0.52–0.75)
Portsmouth	1951	0.73 (0.6–0.89)
Portsmouth	1952	0.69 (0.56–0.82)
Portsmouth	1953	0.69 (0.57–0.83)
Portsmouth	1954	0.66 (0.54–0.78)
Portsmouth	1955	0.66 (0.55–0.78)
Portsmouth	1956	0.65 (0.54–0.77)
Portsmouth	1957	0.66 (0.56–0.78)
Portsmouth	1958	0.65 (0.55–0.77)
Portsmouth	1959	0.66 (0.55–0.77)
Portsmouth	1960	0.67 (0.57–0.8)
Portsmouth	1961	0.69 (0.58–0.82)
Portsmouth	1962	0.71 (0.59–0.85)
Portsmouth	1963	0.72 (0.59–0.87)
Portsmouth	1964	0.7 (0.58–0.84)
Portsmouth	1965	0.69 (0.56–0.83)
Portsmouth	1966	0.72 (0.59–0.86)
Portsmouth	1967	0.71 (0.58–0.85)
Portsmouth	1968	0.74 (0.61–0.89)
Portsmouth	1969	0.76 (0.63–0.92)
Portsmouth	1970	0.8 (0.66–0.94)
Portsmouth	1971	0.82 (0.69–0.97)
Portsmouth	1972	0.83 (0.7–0.97)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Portsmouth	1973	0.84 (0.72–0.97)
Portsmouth	1974	0.86 (0.74–0.98)
Portsmouth	1975	0.87 (0.75–0.99)
Portsmouth	1976	0.84 (0.74–0.95)
Portsmouth	1977	0.87 (0.77–0.98)
Portsmouth	1978	0.92 (0.83–1.02)
Portsmouth	1979	0.95 (0.86–1.05)
Portsmouth	1980	0.94 (0.87–1.02)
Portsmouth	1981	0.9 (0.84–0.97)
Portsmouth	1982	0.94 (0.88–1.01)
Portsmouth	1983	0.95 (0.89–1.01)
Portsmouth	1984	0.94 (0.88–0.99)
Portsmouth	1985	0.98 (0.92–1.04)
Portsmouth	1986	1.01 (0.94–1.06)
Portsmouth	1987	1.06 (1.01–1.11)
Portsmouth	1988	1.09 (1.02–1.15)
Portsmouth	1989	1.06 (1.0–1.12)
Portsmouth	1990	1.04 (0.98–1.1)
Portsmouth	1991	0.99 (0.93–1.05)
Portsmouth	1992	0.91 (0.83–0.97)
Portsmouth	1993	0.91 (0.85–0.97)
Portsmouth	1994	0.9 (0.83–0.98)
Portsmouth	1995	0.96 (0.89–1.03)
Portsmouth	1996	1.02 (0.95–1.09)
Portsmouth	1997	0.99 (0.92–1.05)
Portsmouth	1998	0.97 (0.9–1.04)
Portsmouth	1999	1.0 (0.93–1.08)
Portsmouth	2000	0.98 (0.89–1.09)
Portsmouth	2001	0.98 (0.91–1.06)
Portsmouth	2002	1.0 (0.93–1.08)
Portsmouth	2003	1.05 (0.96–1.15)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Portsmouth	2004	1.0 (0.91–1.1)
Portsmouth	2005	1.01 (0.92–1.11)
Portsmouth	2006	1.07 (0.97–1.16)
Portsmouth	2007	1.07 (0.98–1.16)
Portsmouth	2008	1.07 (0.98–1.17)
Portsmouth	2009	1.03 (0.95–1.13)
Portsmouth	2010	0.99 (0.92–1.07)
Portsmouth	2011	0.99 (0.91–1.07)
Portsmouth	2012	0.98 (0.91–1.06)
Portsmouth	2013	0.97 (0.89–1.04)
Portsmouth	2014	0.96 (0.88–1.05)
Portsmouth	2015	0.97 (0.89–1.07)
Portsmouth	2016	1.0 (0.91–1.08)
Portsmouth	2017	1.02 (0.88–1.17)
Reading	1950	0.63 (0.52–0.75)
Reading	1951	0.73 (0.6–0.89)
Reading	1952	0.69 (0.56–0.82)
Reading	1953	0.69 (0.57–0.83)
Reading	1954	0.65 (0.54–0.78)
Reading	1955	0.66 (0.55–0.78)
Reading	1956	0.65 (0.54–0.77)
Reading	1957	0.66 (0.55–0.78)
Reading	1958	0.65 (0.55–0.77)
Reading	1959	0.66 (0.55–0.77)
Reading	1960	0.67 (0.57–0.8)
Reading	1961	0.69 (0.58–0.82)
Reading	1962	0.71 (0.59–0.85)
Reading	1963	0.72 (0.59–0.87)
Reading	1964	0.7 (0.58–0.84)
Reading	1965	0.69 (0.56–0.83)
Reading	1966	0.72 (0.58–0.86)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Reading	1967	0.71 (0.58–0.85)
Reading	1968	0.74 (0.61–0.89)
Reading	1969	0.76 (0.62–0.92)
Reading	1970	0.79 (0.65–0.94)
Reading	1971	0.82 (0.69–0.97)
Reading	1972	0.83 (0.7–0.97)
Reading	1973	0.84 (0.72–0.97)
Reading	1974	0.86 (0.74–0.98)
Reading	1975	0.87 (0.75–0.99)
Reading	1976	0.84 (0.74–0.95)
Reading	1977	0.87 (0.77–0.98)
Reading	1978	0.92 (0.83–1.02)
Reading	1979	0.95 (0.86–1.05)
Reading	1980	0.94 (0.87–1.02)
Reading	1981	0.9 (0.84–0.97)
Reading	1982	0.94 (0.88–1.01)
Reading	1983	0.95 (0.89–1.01)
Reading	1984	0.94 (0.88–0.99)
Reading	1985	0.98 (0.92–1.04)
Reading	1986	1.01 (0.94–1.07)
Reading	1987	1.06 (1.01–1.11)
Reading	1988	1.09 (1.02–1.15)
Reading	1989	1.06 (1.0–1.12)
Reading	1990	1.04 (0.98–1.1)
Reading	1991	0.99 (0.93–1.05)
Reading	1992	0.91 (0.83–0.97)
Reading	1993	0.91 (0.85–0.97)
Reading	1994	0.9 (0.83–0.98)
Reading	1995	0.96 (0.89–1.03)
Reading	1996	1.02 (0.95–1.09)
Reading	1997	0.99 (0.92–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Reading	1998	0.97 (0.9–1.04)
Reading	1999	1.0 (0.93–1.08)
Reading	2000	0.98 (0.89–1.09)
Reading	2001	0.98 (0.91–1.06)
Reading	2002	1.0 (0.93–1.08)
Reading	2003	1.05 (0.96–1.15)
Reading	2004	1.0 (0.91–1.1)
Reading	2005	1.01 (0.92–1.11)
Reading	2006	1.07 (0.97–1.16)
Reading	2007	1.07 (0.98–1.16)
Reading	2008	1.07 (0.98–1.17)
Reading	2009	1.03 (0.95–1.13)
Reading	2010	0.99 (0.92–1.07)
Reading	2011	0.99 (0.91–1.07)
Reading	2012	0.98 (0.91–1.06)
Reading	2013	0.97 (0.89–1.04)
Reading	2014	0.96 (0.88–1.05)
Reading	2015	0.97 (0.89–1.07)
Reading	2016	1.0 (0.91–1.08)
Reading	2017	1.02 (0.88–1.17)
Slough	1950	0.63 (0.52–0.75)
Slough	1951	0.73 (0.6–0.89)
Slough	1952	0.69 (0.56–0.82)
Slough	1953	0.69 (0.57–0.83)
Slough	1954	0.66 (0.54–0.78)
Slough	1955	0.66 (0.55–0.78)
Slough	1956	0.65 (0.54–0.77)
Slough	1957	0.66 (0.56–0.78)
Slough	1958	0.65 (0.55–0.77)
Slough	1959	0.66 (0.55–0.77)
Slough	1960	0.67 (0.57–0.8)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Slough	1961	0.69 (0.58–0.82)
Slough	1962	0.71 (0.59–0.85)
Slough	1963	0.72 (0.59–0.87)
Slough	1964	0.7 (0.58–0.84)
Slough	1965	0.69 (0.56–0.83)
Slough	1966	0.72 (0.59–0.86)
Slough	1967	0.71 (0.58–0.85)
Slough	1968	0.74 (0.61–0.89)
Slough	1969	0.76 (0.62–0.92)
Slough	1970	0.8 (0.66–0.94)
Slough	1971	0.82 (0.69–0.97)
Slough	1972	0.83 (0.7–0.97)
Slough	1973	0.84 (0.72–0.97)
Slough	1974	0.86 (0.74–0.98)
Slough	1975	0.87 (0.75–0.99)
Slough	1976	0.84 (0.74–0.95)
Slough	1977	0.87 (0.77–0.98)
Slough	1978	0.92 (0.83–1.02)
Slough	1979	0.95 (0.86–1.05)
Slough	1980	0.94 (0.87–1.02)
Slough	1981	0.9 (0.84–0.97)
Slough	1982	0.94 (0.88–1.01)
Slough	1983	0.95 (0.89–1.01)
Slough	1984	0.94 (0.88–0.99)
Slough	1985	0.98 (0.92–1.04)
Slough	1986	1.01 (0.94–1.06)
Slough	1987	1.06 (1.01–1.11)
Slough	1988	1.09 (1.02–1.15)
Slough	1989	1.06 (1.0–1.12)
Slough	1990	1.04 (0.98–1.1)
Slough	1991	0.99 (0.93–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Slough	1992	0.91 (0.83–0.97)
Slough	1993	0.91 (0.85–0.97)
Slough	1994	0.9 (0.83–0.98)
Slough	1995	0.96 (0.89–1.03)
Slough	1996	1.02 (0.95–1.09)
Slough	1997	0.99 (0.92–1.05)
Slough	1998	0.97 (0.9–1.04)
Slough	1999	1.0 (0.93–1.08)
Slough	2000	0.98 (0.89–1.09)
Slough	2001	0.98 (0.91–1.06)
Slough	2002	1.0 (0.93–1.08)
Slough	2003	1.05 (0.96–1.15)
Slough	2004	1.0 (0.91–1.1)
Slough	2005	1.01 (0.92–1.11)
Slough	2006	1.07 (0.97–1.16)
Slough	2007	1.07 (0.98–1.16)
Slough	2008	1.07 (0.98–1.17)
Slough	2009	1.03 (0.95–1.13)
Slough	2010	0.99 (0.92–1.07)
Slough	2011	0.99 (0.91–1.07)
Slough	2012	0.98 (0.91–1.06)
Slough	2013	0.97 (0.89–1.04)
Slough	2014	0.96 (0.88–1.05)
Slough	2015	0.97 (0.89–1.07)
Slough	2016	1.0 (0.91–1.08)
Slough	2017	1.02 (0.88–1.17)
Southampton	1950	0.63 (0.52–0.75)
Southampton	1951	0.73 (0.6–0.89)
Southampton	1952	0.69 (0.56–0.82)
Southampton	1953	0.69 (0.57–0.83)
Southampton	1954	0.66 (0.54–0.78)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Southampton	1955	0.66 (0.55–0.78)
Southampton	1956	0.65 (0.54–0.77)
Southampton	1957	0.66 (0.56–0.78)
Southampton	1958	0.65 (0.55–0.77)
Southampton	1959	0.66 (0.55–0.77)
Southampton	1960	0.67 (0.57–0.8)
Southampton	1961	0.69 (0.58–0.82)
Southampton	1962	0.71 (0.59–0.85)
Southampton	1963	0.72 (0.6–0.87)
Southampton	1964	0.7 (0.58–0.84)
Southampton	1965	0.69 (0.56–0.83)
Southampton	1966	0.72 (0.59–0.86)
Southampton	1967	0.71 (0.58–0.85)
Southampton	1968	0.74 (0.61–0.89)
Southampton	1969	0.76 (0.63–0.92)
Southampton	1970	0.8 (0.66–0.94)
Southampton	1971	0.82 (0.69–0.97)
Southampton	1972	0.83 (0.7–0.97)
Southampton	1973	0.84 (0.72–0.97)
Southampton	1974	0.86 (0.74–0.98)
Southampton	1975	0.87 (0.75–0.99)
Southampton	1976	0.84 (0.74–0.95)
Southampton	1977	0.87 (0.77–0.98)
Southampton	1978	0.92 (0.83–1.02)
Southampton	1979	0.95 (0.86–1.05)
Southampton	1980	0.94 (0.87–1.02)
Southampton	1981	0.9 (0.84–0.97)
Southampton	1982	0.94 (0.88–1.01)
Southampton	1983	0.95 (0.89–1.01)
Southampton	1984	0.94 (0.88–0.99)
Southampton	1985	0.98 (0.92–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Southampton	1986	1.01 (0.94–1.06)
Southampton	1987	1.06 (1.01–1.11)
Southampton	1988	1.09 (1.02–1.15)
Southampton	1989	1.06 (1.0–1.12)
Southampton	1990	1.04 (0.98–1.1)
Southampton	1991	0.99 (0.93–1.05)
Southampton	1992	0.91 (0.83–0.97)
Southampton	1993	0.91 (0.85–0.97)
Southampton	1994	0.9 (0.83–0.98)
Southampton	1995	0.96 (0.89–1.03)
Southampton	1996	1.02 (0.95–1.09)
Southampton	1997	0.99 (0.92–1.05)
Southampton	1998	0.97 (0.9–1.04)
Southampton	1999	1.0 (0.93–1.08)
Southampton	2000	0.98 (0.89–1.09)
Southampton	2001	0.98 (0.91–1.06)
Southampton	2002	1.0 (0.93–1.08)
Southampton	2003	1.05 (0.96–1.15)
Southampton	2004	1.0 (0.91–1.1)
Southampton	2005	1.01 (0.92–1.11)
Southampton	2006	1.07 (0.97–1.16)
Southampton	2007	1.07 (0.98–1.16)
Southampton	2008	1.07 (0.98–1.17)
Southampton	2009	1.03 (0.95–1.13)
Southampton	2010	0.99 (0.92–1.07)
Southampton	2011	0.99 (0.91–1.07)
Southampton	2012	0.98 (0.91–1.06)
Southampton	2013	0.97 (0.89–1.04)
Southampton	2014	0.96 (0.88–1.05)
Southampton	2015	0.97 (0.89–1.07)
Southampton	2016	1.0 (0.91–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Southampton	2017	1.02 (0.88–1.17)
Surrey	1950	0.63 (0.52–0.75)
Surrey	1951	0.73 (0.6–0.89)
Surrey	1952	0.69 (0.56–0.82)
Surrey	1953	0.69 (0.57–0.83)
Surrey	1954	0.65 (0.54–0.78)
Surrey	1955	0.66 (0.55–0.78)
Surrey	1956	0.65 (0.54–0.77)
Surrey	1957	0.66 (0.55–0.78)
Surrey	1958	0.65 (0.55–0.77)
Surrey	1959	0.66 (0.55–0.77)
Surrey	1960	0.67 (0.57–0.8)
Surrey	1961	0.69 (0.58–0.82)
Surrey	1962	0.71 (0.59–0.85)
Surrey	1963	0.72 (0.59–0.87)
Surrey	1964	0.7 (0.58–0.84)
Surrey	1965	0.69 (0.56–0.83)
Surrey	1966	0.72 (0.58–0.86)
Surrey	1967	0.71 (0.58–0.85)
Surrey	1968	0.74 (0.61–0.89)
Surrey	1969	0.76 (0.62–0.92)
Surrey	1970	0.79 (0.65–0.94)
Surrey	1971	0.82 (0.69–0.97)
Surrey	1972	0.83 (0.7–0.97)
Surrey	1973	0.84 (0.72–0.97)
Surrey	1974	0.86 (0.74–0.98)
Surrey	1975	0.87 (0.75–0.99)
Surrey	1976	0.84 (0.74–0.95)
Surrey	1977	0.87 (0.77–0.98)
Surrey	1978	0.92 (0.83–1.02)
Surrey	1979	0.95 (0.86–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Surrey	1980	0.94 (0.87–1.02)
Surrey	1981	0.9 (0.84–0.97)
Surrey	1982	0.94 (0.88–1.01)
Surrey	1983	0.95 (0.89–1.01)
Surrey	1984	0.94 (0.88–0.99)
Surrey	1985	0.98 (0.92–1.04)
Surrey	1986	1.01 (0.94–1.06)
Surrey	1987	1.06 (1.01–1.11)
Surrey	1988	1.09 (1.02–1.15)
Surrey	1989	1.06 (1.0–1.12)
Surrey	1990	1.04 (0.98–1.1)
Surrey	1991	0.99 (0.93–1.05)
Surrey	1992	0.91 (0.83–0.97)
Surrey	1993	0.91 (0.85–0.97)
Surrey	1994	0.9 (0.83–0.98)
Surrey	1995	0.96 (0.89–1.03)
Surrey	1996	1.02 (0.95–1.09)
Surrey	1997	0.99 (0.92–1.05)
Surrey	1998	0.97 (0.9–1.04)
Surrey	1999	1.0 (0.93–1.08)
Surrey	2000	0.98 (0.89–1.09)
Surrey	2001	0.98 (0.91–1.06)
Surrey	2002	1.0 (0.93–1.08)
Surrey	2003	1.05 (0.96–1.15)
Surrey	2004	1.0 (0.91–1.1)
Surrey	2005	1.01 (0.92–1.11)
Surrey	2006	1.07 (0.97–1.16)
Surrey	2007	1.07 (0.98–1.16)
Surrey	2008	1.07 (0.98–1.17)
Surrey	2009	1.03 (0.95–1.13)
Surrey	2010	0.99 (0.92–1.07)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Surrey	2011	0.99 (0.91–1.07)
Surrey	2012	0.98 (0.91–1.06)
Surrey	2013	0.97 (0.89–1.04)
Surrey	2014	0.96 (0.88–1.05)
Surrey	2015	0.97 (0.89–1.07)
Surrey	2016	1.0 (0.91–1.08)
Surrey	2017	1.02 (0.88–1.17)
West Berkshire	1950	0.63 (0.52–0.75)
West Berkshire	1951	0.73 (0.6–0.88)
West Berkshire	1952	0.69 (0.56–0.82)
West Berkshire	1953	0.69 (0.57–0.83)
West Berkshire	1954	0.65 (0.54–0.78)
West Berkshire	1955	0.66 (0.55–0.78)
West Berkshire	1956	0.65 (0.54–0.77)
West Berkshire	1957	0.66 (0.55–0.78)
West Berkshire	1958	0.65 (0.55–0.77)
West Berkshire	1959	0.66 (0.55–0.77)
West Berkshire	1960	0.67 (0.56–0.79)
West Berkshire	1961	0.69 (0.57–0.82)
West Berkshire	1962	0.71 (0.59–0.85)
West Berkshire	1963	0.72 (0.59–0.87)
West Berkshire	1964	0.7 (0.58–0.84)
West Berkshire	1965	0.69 (0.56–0.83)
West Berkshire	1966	0.72 (0.58–0.86)
West Berkshire	1967	0.71 (0.58–0.85)
West Berkshire	1968	0.74 (0.61–0.89)
West Berkshire	1969	0.76 (0.62–0.92)
West Berkshire	1970	0.79 (0.65–0.94)
West Berkshire	1971	0.82 (0.69–0.97)
West Berkshire	1972	0.83 (0.7–0.97)
West Berkshire	1973	0.84 (0.72–0.97)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
West Berkshire	1974	0.86 (0.74–0.98)
West Berkshire	1975	0.87 (0.75–0.99)
West Berkshire	1976	0.84 (0.74–0.95)
West Berkshire	1977	0.87 (0.77–0.98)
West Berkshire	1978	0.92 (0.83–1.02)
West Berkshire	1979	0.95 (0.86–1.05)
West Berkshire	1980	0.94 (0.87–1.02)
West Berkshire	1981	0.9 (0.84–0.97)
West Berkshire	1982	0.94 (0.88–1.01)
West Berkshire	1983	0.95 (0.89–1.01)
West Berkshire	1984	0.94 (0.88–0.99)
West Berkshire	1985	0.98 (0.92–1.04)
West Berkshire	1986	1.01 (0.94–1.07)
West Berkshire	1987	1.06 (1.01–1.11)
West Berkshire	1988	1.09 (1.02–1.15)
West Berkshire	1989	1.06 (1.0–1.12)
West Berkshire	1990	1.04 (0.98–1.1)
West Berkshire	1991	0.99 (0.93–1.05)
West Berkshire	1992	0.91 (0.83–0.97)
West Berkshire	1993	0.91 (0.85–0.97)
West Berkshire	1994	0.9 (0.83–0.98)
West Berkshire	1995	0.96 (0.89–1.03)
West Berkshire	1996	1.02 (0.95–1.09)
West Berkshire	1997	0.99 (0.92–1.05)
West Berkshire	1998	0.97 (0.9–1.04)
West Berkshire	1999	1.0 (0.93–1.08)
West Berkshire	2000	0.98 (0.89–1.09)
West Berkshire	2001	0.98 (0.91–1.06)
West Berkshire	2002	1.0 (0.93–1.08)
West Berkshire	2003	1.05 (0.96–1.15)
West Berkshire	2004	1.0 (0.91–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
West Berkshire	2005	1.01 (0.92–1.11)
West Berkshire	2006	1.07 (0.97–1.16)
West Berkshire	2007	1.07 (0.98–1.16)
West Berkshire	2008	1.07 (0.98–1.17)
West Berkshire	2009	1.03 (0.95–1.13)
West Berkshire	2010	0.99 (0.92–1.07)
West Berkshire	2011	0.99 (0.91–1.07)
West Berkshire	2012	0.98 (0.91–1.06)
West Berkshire	2013	0.97 (0.89–1.04)
West Berkshire	2014	0.96 (0.88–1.05)
West Berkshire	2015	0.97 (0.89–1.07)
West Berkshire	2016	1.0 (0.91–1.08)
West Berkshire	2017	1.02 (0.88–1.17)
West Sussex	1950	0.63 (0.52–0.75)
West Sussex	1951	0.73 (0.6–0.88)
West Sussex	1952	0.69 (0.56–0.82)
West Sussex	1953	0.69 (0.57–0.83)
West Sussex	1954	0.65 (0.54–0.78)
West Sussex	1955	0.66 (0.55–0.78)
West Sussex	1956	0.65 (0.54–0.77)
West Sussex	1957	0.66 (0.55–0.78)
West Sussex	1958	0.65 (0.55–0.77)
West Sussex	1959	0.66 (0.55–0.77)
West Sussex	1960	0.67 (0.57–0.8)
West Sussex	1961	0.69 (0.58–0.82)
West Sussex	1962	0.71 (0.59–0.85)
West Sussex	1963	0.72 (0.59–0.87)
West Sussex	1964	0.7 (0.58–0.84)
West Sussex	1965	0.69 (0.56–0.83)
West Sussex	1966	0.72 (0.58–0.86)
West Sussex	1967	0.71 (0.58–0.85)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
West Sussex	1968	0.74 (0.61–0.89)
West Sussex	1969	0.76 (0.62–0.92)
West Sussex	1970	0.79 (0.65–0.94)
West Sussex	1971	0.82 (0.69–0.97)
West Sussex	1972	0.83 (0.7–0.97)
West Sussex	1973	0.84 (0.72–0.97)
West Sussex	1974	0.86 (0.74–0.98)
West Sussex	1975	0.87 (0.75–0.99)
West Sussex	1976	0.84 (0.74–0.95)
West Sussex	1977	0.87 (0.77–0.98)
West Sussex	1978	0.92 (0.83–1.02)
West Sussex	1979	0.95 (0.86–1.05)
West Sussex	1980	0.94 (0.87–1.02)
West Sussex	1981	0.9 (0.84–0.97)
West Sussex	1982	0.94 (0.88–1.01)
West Sussex	1983	0.95 (0.89–1.01)
West Sussex	1984	0.94 (0.88–0.99)
West Sussex	1985	0.98 (0.92–1.04)
West Sussex	1986	1.01 (0.94–1.07)
West Sussex	1987	1.06 (1.01–1.11)
West Sussex	1988	1.09 (1.02–1.15)
West Sussex	1989	1.06 (1.0–1.12)
West Sussex	1990	1.04 (0.98–1.1)
West Sussex	1991	0.99 (0.93–1.05)
West Sussex	1992	0.91 (0.83–0.97)
West Sussex	1993	0.91 (0.85–0.97)
West Sussex	1994	0.9 (0.83–0.98)
West Sussex	1995	0.96 (0.89–1.03)
West Sussex	1996	1.02 (0.95–1.09)
West Sussex	1997	0.99 (0.92–1.05)
West Sussex	1998	0.97 (0.9–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
West Sussex	1999	1.0 (0.93–1.08)
West Sussex	2000	0.98 (0.89–1.09)
West Sussex	2001	0.98 (0.91–1.06)
West Sussex	2002	1.0 (0.93–1.08)
West Sussex	2003	1.05 (0.96–1.15)
West Sussex	2004	1.0 (0.91–1.1)
West Sussex	2005	1.01 (0.92–1.11)
West Sussex	2006	1.07 (0.97–1.16)
West Sussex	2007	1.07 (0.98–1.16)
West Sussex	2008	1.07 (0.98–1.17)
West Sussex	2009	1.03 (0.95–1.13)
West Sussex	2010	0.99 (0.92–1.07)
West Sussex	2011	0.99 (0.91–1.07)
West Sussex	2012	0.98 (0.91–1.06)
West Sussex	2013	0.97 (0.89–1.04)
West Sussex	2014	0.96 (0.88–1.05)
West Sussex	2015	0.97 (0.89–1.07)
West Sussex	2016	1.0 (0.91–1.08)
West Sussex	2017	1.02 (0.88–1.17)
Windsor and Maidenhead	1950	0.63 (0.52–0.75)
Windsor and Maidenhead	1951	0.73 (0.6–0.88)
Windsor and Maidenhead	1952	0.69 (0.56–0.82)
Windsor and Maidenhead	1953	0.69 (0.57–0.83)
Windsor and Maidenhead	1954	0.65 (0.54–0.78)
Windsor and Maidenhead	1955	0.66 (0.55–0.78)
Windsor and Maidenhead	1956	0.65 (0.54–0.77)
Windsor and Maidenhead	1957	0.66 (0.55–0.78)
Windsor and Maidenhead	1958	0.65 (0.55–0.77)
Windsor and Maidenhead	1959	0.66 (0.55–0.77)
Windsor and Maidenhead	1960	0.67 (0.56–0.79)
Windsor and Maidenhead	1961	0.69 (0.58–0.82)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Windsor and Maidenhead	1962	0.71 (0.59–0.85)
Windsor and Maidenhead	1963	0.72 (0.59–0.87)
Windsor and Maidenhead	1964	0.7 (0.58–0.84)
Windsor and Maidenhead	1965	0.69 (0.56–0.83)
Windsor and Maidenhead	1966	0.72 (0.58–0.86)
Windsor and Maidenhead	1967	0.71 (0.58–0.85)
Windsor and Maidenhead	1968	0.74 (0.61–0.89)
Windsor and Maidenhead	1969	0.76 (0.62–0.92)
Windsor and Maidenhead	1970	0.79 (0.65–0.94)
Windsor and Maidenhead	1971	0.82 (0.69–0.97)
Windsor and Maidenhead	1972	0.83 (0.7–0.97)
Windsor and Maidenhead	1973	0.84 (0.72–0.97)
Windsor and Maidenhead	1974	0.86 (0.74–0.98)
Windsor and Maidenhead	1975	0.87 (0.75–0.99)
Windsor and Maidenhead	1976	0.84 (0.74–0.95)
Windsor and Maidenhead	1977	0.87 (0.77–0.98)
Windsor and Maidenhead	1978	0.92 (0.83–1.02)
Windsor and Maidenhead	1979	0.95 (0.86–1.05)
Windsor and Maidenhead	1980	0.94 (0.87–1.02)
Windsor and Maidenhead	1981	0.9 (0.84–0.97)
Windsor and Maidenhead	1982	0.94 (0.88–1.01)
Windsor and Maidenhead	1983	0.95 (0.89–1.01)
Windsor and Maidenhead	1984	0.94 (0.88–0.99)
Windsor and Maidenhead	1985	0.98 (0.92–1.04)
Windsor and Maidenhead	1986	1.01 (0.94–1.07)
Windsor and Maidenhead	1987	1.06 (1.01–1.11)
Windsor and Maidenhead	1988	1.09 (1.02–1.15)
Windsor and Maidenhead	1989	1.06 (1.0–1.12)
Windsor and Maidenhead	1990	1.04 (0.98–1.1)
Windsor and Maidenhead	1991	0.99 (0.93–1.05)
Windsor and Maidenhead	1992	0.91 (0.83–0.97)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Windsor and Maidenhead	1993	0.91 (0.85–0.97)
Windsor and Maidenhead	1994	0.9 (0.83–0.98)
Windsor and Maidenhead	1995	0.96 (0.89–1.03)
Windsor and Maidenhead	1996	1.02 (0.95–1.09)
Windsor and Maidenhead	1997	0.99 (0.92–1.05)
Windsor and Maidenhead	1998	0.97 (0.9–1.04)
Windsor and Maidenhead	1999	1.0 (0.93–1.08)
Windsor and Maidenhead	2000	0.98 (0.89–1.09)
Windsor and Maidenhead	2001	0.98 (0.91–1.06)
Windsor and Maidenhead	2002	1.0 (0.93–1.08)
Windsor and Maidenhead	2003	1.05 (0.96–1.15)
Windsor and Maidenhead	2004	1.0 (0.91–1.1)
Windsor and Maidenhead	2005	1.01 (0.92–1.11)
Windsor and Maidenhead	2006	1.07 (0.97–1.16)
Windsor and Maidenhead	2007	1.07 (0.98–1.16)
Windsor and Maidenhead	2008	1.07 (0.98–1.17)
Windsor and Maidenhead	2009	1.03 (0.95–1.13)
Windsor and Maidenhead	2010	0.99 (0.92–1.07)
Windsor and Maidenhead	2011	0.99 (0.91–1.07)
Windsor and Maidenhead	2012	0.98 (0.91–1.06)
Windsor and Maidenhead	2013	0.97 (0.89–1.04)
Windsor and Maidenhead	2014	0.96 (0.88–1.05)
Windsor and Maidenhead	2015	0.97 (0.89–1.07)
Windsor and Maidenhead	2016	1.0 (0.91–1.08)
Windsor and Maidenhead	2017	1.02 (0.88–1.17)
Wokingham	1950	0.63 (0.52–0.75)
Wokingham	1951	0.73 (0.6–0.88)
Wokingham	1952	0.69 (0.56–0.82)
Wokingham	1953	0.69 (0.57–0.83)
Wokingham	1954	0.65 (0.54–0.78)
Wokingham	1955	0.66 (0.55–0.78)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wokingham	1956	0.65 (0.54–0.77)
Wokingham	1957	0.66 (0.55–0.78)
Wokingham	1958	0.65 (0.55–0.77)
Wokingham	1959	0.66 (0.55–0.77)
Wokingham	1960	0.67 (0.56–0.79)
Wokingham	1961	0.69 (0.57–0.82)
Wokingham	1962	0.71 (0.59–0.85)
Wokingham	1963	0.72 (0.59–0.87)
Wokingham	1964	0.7 (0.58–0.84)
Wokingham	1965	0.69 (0.56–0.83)
Wokingham	1966	0.72 (0.58–0.86)
Wokingham	1967	0.71 (0.58–0.85)
Wokingham	1968	0.74 (0.61–0.89)
Wokingham	1969	0.76 (0.62–0.92)
Wokingham	1970	0.79 (0.65–0.94)
Wokingham	1971	0.82 (0.69–0.97)
Wokingham	1972	0.83 (0.7–0.97)
Wokingham	1973	0.84 (0.72–0.97)
Wokingham	1974	0.86 (0.74–0.98)
Wokingham	1975	0.87 (0.75–0.99)
Wokingham	1976	0.84 (0.74–0.95)
Wokingham	1977	0.87 (0.77–0.98)
Wokingham	1978	0.92 (0.83–1.02)
Wokingham	1979	0.95 (0.86–1.05)
Wokingham	1980	0.94 (0.87–1.02)
Wokingham	1981	0.9 (0.84–0.97)
Wokingham	1982	0.94 (0.88–1.01)
Wokingham	1983	0.95 (0.89–1.01)
Wokingham	1984	0.94 (0.88–0.99)
Wokingham	1985	0.98 (0.92–1.04)
Wokingham	1986	1.01 (0.94–1.07)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wokingham	1987	1.06 (1.01–1.11)
Wokingham	1988	1.09 (1.02–1.15)
Wokingham	1989	1.06 (1.0–1.12)
Wokingham	1990	1.04 (0.98–1.1)
Wokingham	1991	0.99 (0.93–1.05)
Wokingham	1992	0.91 (0.83–0.97)
Wokingham	1993	0.91 (0.85–0.97)
Wokingham	1994	0.9 (0.83–0.98)
Wokingham	1995	0.96 (0.89–1.03)
Wokingham	1996	1.02 (0.95–1.09)
Wokingham	1997	0.99 (0.92–1.05)
Wokingham	1998	0.97 (0.9–1.04)
Wokingham	1999	1.0 (0.93–1.08)
Wokingham	2000	0.98 (0.89–1.09)
Wokingham	2001	0.98 (0.91–1.06)
Wokingham	2002	1.0 (0.93–1.08)
Wokingham	2003	1.05 (0.96–1.15)
Wokingham	2004	1.0 (0.91–1.1)
Wokingham	2005	1.01 (0.92–1.11)
Wokingham	2006	1.07 (0.97–1.16)
Wokingham	2007	1.07 (0.98–1.16)
Wokingham	2008	1.07 (0.98–1.17)
Wokingham	2009	1.03 (0.95–1.13)
Wokingham	2010	0.99 (0.92–1.07)
Wokingham	2011	0.99 (0.91–1.07)
Wokingham	2012	0.98 (0.91–1.06)
Wokingham	2013	0.97 (0.89–1.04)
Wokingham	2014	0.96 (0.88–1.05)
Wokingham	2015	0.97 (0.89–1.07)
Wokingham	2016	1.0 (0.91–1.08)
Wokingham	2017	1.02 (0.88–1.17)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
South West England	1950	0.9 (0.74–1.08)
South West England	1951	1.04 (0.85–1.25)
South West England	1952	0.97 (0.8–1.17)
South West England	1953	0.98 (0.81–1.17)
South West England	1954	0.91 (0.75–1.1)
South West England	1955	0.91 (0.74–1.11)
South West England	1956	0.89 (0.73–1.09)
South West England	1957	0.9 (0.73–1.1)
South West England	1958	0.88 (0.71–1.07)
South West England	1959	0.87 (0.71–1.06)
South West England	1960	0.88 (0.71–1.06)
South West England	1961	0.89 (0.72–1.07)
South West England	1962	0.91 (0.74–1.09)
South West England	1963	0.91 (0.75–1.09)
South West England	1964	0.88 (0.72–1.05)
South West England	1965	0.85 (0.69–1.02)
South West England	1966	0.87 (0.71–1.04)
South West England	1967	0.85 (0.69–1.02)
South West England	1968	0.88 (0.72–1.05)
South West England	1969	0.89 (0.73–1.06)
South West England	1970	0.91 (0.76–1.08)
South West England	1971	0.93 (0.78–1.1)
South West England	1972	0.93 (0.78–1.11)
South West England	1973	0.93 (0.78–1.12)
South West England	1974	0.94 (0.79–1.11)
South West England	1975	0.93 (0.79–1.1)
South West England	1976	0.9 (0.77–1.04)
South West England	1977	0.92 (0.8–1.04)
South West England	1978	0.96 (0.85–1.08)
South West England	1979	0.98 (0.9–1.08)
South West England	1980	0.97 (0.9–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
South West England	1981	0.93 (0.89–0.97)
South West England	1982	0.98 (0.95–1.01)
South West England	1983	1.0 (0.97–1.03)
South West England	1984	0.98 (0.95–1.01)
South West England	1985	0.99 (0.95–1.02)
South West England	1986	0.99 (0.97–1.02)
South West England	1987	0.99 (0.96–1.01)
South West England	1988	1.0 (0.97–1.03)
South West England	1989	0.99 (0.97–1.01)
South West England	1990	1.0 (0.98–1.02)
South West England	1991	1.0 (0.98–1.02)
South West England	1992	0.97 (0.95–1.0)
South West England	1993	1.0 (0.97–1.02)
South West England	1994	1.01 (0.98–1.04)
South West England	1995	1.02 (0.99–1.05)
South West England	1996	1.04 (1.01–1.06)
South West England	1997	1.01 (0.97–1.05)
South West England	1998	1.0 (0.96–1.03)
South West England	1999	1.02 (0.99–1.06)
South West England	2000	1.01 (0.95–1.09)
South West England	2001	1.0 (0.96–1.04)
South West England	2002	0.98 (0.95–1.02)
South West England	2003	1.02 (0.98–1.06)
South West England	2004	0.99 (0.96–1.02)
South West England	2005	0.99 (0.95–1.03)
South West England	2006	1.01 (0.97–1.05)
South West England	2007	1.01 (0.98–1.05)
South West England	2008	1.01 (0.98–1.04)
South West England	2009	1.0 (0.96–1.04)
South West England	2010	0.98 (0.95–1.02)
South West England	2011	1.0 (0.96–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
South West England	2012	1.0 (0.96–1.04)
South West England	2013	0.99 (0.95–1.02)
South West England	2014	0.99 (0.95–1.03)
South West England	2015	1.0 (0.96–1.04)
South West England	2016	1.0 (0.94–1.05)
South West England	2017	1.02 (0.92–1.14)
Bath and North East Somerset	1950	0.7 (0.58–0.84)
Bath and North East Somerset	1951	0.81 (0.67–0.97)
Bath and North East Somerset	1952	0.76 (0.63–0.91)
Bath and North East Somerset	1953	0.77 (0.63–0.92)
Bath and North East Somerset	1954	0.72 (0.6–0.87)
Bath and North East Somerset	1955	0.72 (0.6–0.86)
Bath and North East Somerset	1956	0.71 (0.6–0.84)
Bath and North East Somerset	1957	0.72 (0.61–0.84)
Bath and North East Somerset	1958	0.71 (0.61–0.81)
Bath and North East Somerset	1959	0.71 (0.61–0.82)
Bath and North East Somerset	1960	0.72 (0.62–0.85)
Bath and North East Somerset	1961	0.74 (0.62–0.87)
Bath and North East Somerset	1962	0.76 (0.64–0.91)
Bath and North East Somerset	1963	0.77 (0.63–0.91)
Bath and North East Somerset	1964	0.75 (0.61–0.89)
Bath and North East Somerset	1965	0.73 (0.6–0.87)
Bath and North East Somerset	1966	0.76 (0.62–0.9)
Bath and North East Somerset	1967	0.75 (0.6–0.9)
Bath and North East Somerset	1968	0.78 (0.63–0.95)
Bath and North East Somerset	1969	0.8 (0.65–0.97)
Bath and North East Somerset	1970	0.83 (0.68–1.0)
Bath and North East Somerset	1971	0.86 (0.72–1.02)
Bath and North East Somerset	1972	0.86 (0.73–1.02)
Bath and North East Somerset	1973	0.87 (0.75–1.01)
Bath and North East Somerset	1974	0.88 (0.77–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bath and North East Somerset	1975	0.89 (0.76–1.02)
Bath and North East Somerset	1976	0.86 (0.73–1.0)
Bath and North East Somerset	1977	0.88 (0.75–1.03)
Bath and North East Somerset	1978	0.93 (0.79–1.09)
Bath and North East Somerset	1979	0.95 (0.83–1.09)
Bath and North East Somerset	1980	0.94 (0.85–1.04)
Bath and North East Somerset	1981	0.9 (0.82–0.98)
Bath and North East Somerset	1982	0.95 (0.88–1.02)
Bath and North East Somerset	1983	0.96 (0.9–1.03)
Bath and North East Somerset	1984	0.95 (0.88–1.01)
Bath and North East Somerset	1985	0.97 (0.9–1.05)
Bath and North East Somerset	1986	1.02 (0.94–1.09)
Bath and North East Somerset	1987	1.02 (0.96–1.1)
Bath and North East Somerset	1988	1.06 (0.98–1.14)
Bath and North East Somerset	1989	1.02 (0.95–1.11)
Bath and North East Somerset	1990	0.99 (0.92–1.07)
Bath and North East Somerset	1991	0.96 (0.88–1.04)
Bath and North East Somerset	1992	0.92 (0.84–0.99)
Bath and North East Somerset	1993	0.94 (0.87–1.01)
Bath and North East Somerset	1994	0.95 (0.88–1.03)
Bath and North East Somerset	1995	0.97 (0.89–1.05)
Bath and North East Somerset	1996	1.01 (0.92–1.1)
Bath and North East Somerset	1997	1.0 (0.91–1.1)
Bath and North East Somerset	1998	0.98 (0.88–1.08)
Bath and North East Somerset	1999	1.0 (0.91–1.11)
Bath and North East Somerset	2000	1.0 (0.9–1.12)
Bath and North East Somerset	2001	1.0 (0.91–1.11)
Bath and North East Somerset	2002	0.99 (0.9–1.09)
Bath and North East Somerset	2003	1.03 (0.93–1.14)
Bath and North East Somerset	2004	1.02 (0.9–1.14)
Bath and North East Somerset	2005	1.02 (0.91–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bath and North East Somerset	2006	1.04 (0.93–1.18)
Bath and North East Somerset	2007	1.04 (0.93–1.17)
Bath and North East Somerset	2008	1.03 (0.91–1.16)
Bath and North East Somerset	2009	1.01 (0.91–1.12)
Bath and North East Somerset	2010	0.97 (0.89–1.06)
Bath and North East Somerset	2011	1.0 (0.92–1.1)
Bath and North East Somerset	2012	1.01 (0.92–1.1)
Bath and North East Somerset	2013	0.99 (0.89–1.09)
Bath and North East Somerset	2014	0.97 (0.87–1.08)
Bath and North East Somerset	2015	0.99 (0.88–1.1)
Bath and North East Somerset	2016	0.96 (0.87–1.06)
Bath and North East Somerset	2017	0.99 (0.85–1.15)
Bournemouth	1950	0.7 (0.58–0.84)
Bournemouth	1951	0.81 (0.67–0.97)
Bournemouth	1952	0.76 (0.63–0.91)
Bournemouth	1953	0.77 (0.63–0.92)
Bournemouth	1954	0.72 (0.6–0.87)
Bournemouth	1955	0.72 (0.6–0.86)
Bournemouth	1956	0.71 (0.6–0.84)
Bournemouth	1957	0.72 (0.61–0.84)
Bournemouth	1958	0.71 (0.61–0.81)
Bournemouth	1959	0.71 (0.61–0.82)
Bournemouth	1960	0.72 (0.62–0.85)
Bournemouth	1961	0.74 (0.62–0.87)
Bournemouth	1962	0.76 (0.64–0.91)
Bournemouth	1963	0.77 (0.63–0.91)
Bournemouth	1964	0.75 (0.61–0.89)
Bournemouth	1965	0.73 (0.6–0.87)
Bournemouth	1966	0.76 (0.62–0.9)
Bournemouth	1967	0.75 (0.6–0.9)
Bournemouth	1968	0.78 (0.63–0.95)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bournemouth	1969	0.8 (0.65–0.97)
Bournemouth	1970	0.83 (0.68–1.0)
Bournemouth	1971	0.86 (0.72–1.02)
Bournemouth	1972	0.86 (0.73–1.02)
Bournemouth	1973	0.87 (0.75–1.01)
Bournemouth	1974	0.88 (0.77–1.01)
Bournemouth	1975	0.89 (0.76–1.02)
Bournemouth	1976	0.86 (0.73–1.0)
Bournemouth	1977	0.88 (0.75–1.03)
Bournemouth	1978	0.93 (0.79–1.09)
Bournemouth	1979	0.95 (0.83–1.09)
Bournemouth	1980	0.94 (0.85–1.04)
Bournemouth	1981	0.9 (0.82–0.98)
Bournemouth	1982	0.95 (0.88–1.02)
Bournemouth	1983	0.96 (0.9–1.03)
Bournemouth	1984	0.95 (0.88–1.01)
Bournemouth	1985	0.97 (0.9–1.05)
Bournemouth	1986	1.02 (0.94–1.09)
Bournemouth	1987	1.02 (0.96–1.1)
Bournemouth	1988	1.06 (0.98–1.14)
Bournemouth	1989	1.02 (0.95–1.11)
Bournemouth	1990	0.99 (0.92–1.07)
Bournemouth	1991	0.96 (0.88–1.04)
Bournemouth	1992	0.92 (0.84–0.99)
Bournemouth	1993	0.94 (0.87–1.01)
Bournemouth	1994	0.95 (0.88–1.03)
Bournemouth	1995	0.97 (0.89–1.05)
Bournemouth	1996	1.01 (0.92–1.1)
Bournemouth	1997	1.0 (0.91–1.1)
Bournemouth	1998	0.98 (0.89–1.08)
Bournemouth	1999	1.0 (0.91–1.11)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bournemouth	2000	1.0 (0.9–1.12)
Bournemouth	2001	1.0 (0.91–1.11)
Bournemouth	2002	0.99 (0.9–1.09)
Bournemouth	2003	1.03 (0.93–1.14)
Bournemouth	2004	1.02 (0.9–1.14)
Bournemouth	2005	1.02 (0.91–1.14)
Bournemouth	2006	1.04 (0.93–1.18)
Bournemouth	2007	1.04 (0.93–1.17)
Bournemouth	2008	1.03 (0.91–1.16)
Bournemouth	2009	1.01 (0.91–1.12)
Bournemouth	2010	0.97 (0.89–1.06)
Bournemouth	2011	1.0 (0.92–1.1)
Bournemouth	2012	1.01 (0.92–1.1)
Bournemouth	2013	0.99 (0.89–1.09)
Bournemouth	2014	0.97 (0.87–1.08)
Bournemouth	2015	0.99 (0.88–1.1)
Bournemouth	2016	0.96 (0.87–1.06)
Bournemouth	2017	0.99 (0.85–1.15)
Bristol, City of	1950	0.7 (0.58–0.84)
Bristol, City of	1951	0.81 (0.67–0.97)
Bristol, City of	1952	0.76 (0.63–0.91)
Bristol, City of	1953	0.77 (0.63–0.92)
Bristol, City of	1954	0.72 (0.6–0.87)
Bristol, City of	1955	0.72 (0.6–0.86)
Bristol, City of	1956	0.71 (0.6–0.84)
Bristol, City of	1957	0.72 (0.61–0.84)
Bristol, City of	1958	0.71 (0.61–0.81)
Bristol, City of	1959	0.71 (0.61–0.82)
Bristol, City of	1960	0.72 (0.62–0.85)
Bristol, City of	1961	0.74 (0.62–0.87)
Bristol, City of	1962	0.76 (0.64–0.91)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bristol, City of	1963	0.77 (0.63–0.91)
Bristol, City of	1964	0.75 (0.62–0.89)
Bristol, City of	1965	0.73 (0.6–0.87)
Bristol, City of	1966	0.76 (0.62–0.9)
Bristol, City of	1967	0.75 (0.6–0.9)
Bristol, City of	1968	0.78 (0.63–0.95)
Bristol, City of	1969	0.8 (0.65–0.97)
Bristol, City of	1970	0.83 (0.69–1.0)
Bristol, City of	1971	0.86 (0.72–1.02)
Bristol, City of	1972	0.86 (0.73–1.02)
Bristol, City of	1973	0.87 (0.75–1.01)
Bristol, City of	1974	0.88 (0.77–1.01)
Bristol, City of	1975	0.89 (0.76–1.02)
Bristol, City of	1976	0.86 (0.73–1.0)
Bristol, City of	1977	0.88 (0.75–1.03)
Bristol, City of	1978	0.93 (0.79–1.09)
Bristol, City of	1979	0.95 (0.83–1.09)
Bristol, City of	1980	0.94 (0.85–1.04)
Bristol, City of	1981	0.9 (0.82–0.98)
Bristol, City of	1982	0.95 (0.88–1.02)
Bristol, City of	1983	0.96 (0.9–1.03)
Bristol, City of	1984	0.95 (0.88–1.01)
Bristol, City of	1985	0.97 (0.9–1.05)
Bristol, City of	1986	1.02 (0.94–1.09)
Bristol, City of	1987	1.02 (0.96–1.1)
Bristol, City of	1988	1.06 (0.98–1.14)
Bristol, City of	1989	1.02 (0.95–1.11)
Bristol, City of	1990	0.99 (0.92–1.07)
Bristol, City of	1991	0.96 (0.88–1.04)
Bristol, City of	1992	0.92 (0.84–0.99)
Bristol, City of	1993	0.94 (0.87–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bristol, City of	1994	0.95 (0.88–1.03)
Bristol, City of	1995	0.97 (0.89–1.05)
Bristol, City of	1996	1.01 (0.92–1.1)
Bristol, City of	1997	1.0 (0.91–1.09)
Bristol, City of	1998	0.98 (0.89–1.08)
Bristol, City of	1999	1.0 (0.91–1.11)
Bristol, City of	2000	1.0 (0.9–1.12)
Bristol, City of	2001	1.0 (0.91–1.11)
Bristol, City of	2002	0.99 (0.9–1.09)
Bristol, City of	2003	1.03 (0.93–1.14)
Bristol, City of	2004	1.02 (0.9–1.14)
Bristol, City of	2005	1.02 (0.91–1.14)
Bristol, City of	2006	1.04 (0.93–1.18)
Bristol, City of	2007	1.04 (0.93–1.17)
Bristol, City of	2008	1.03 (0.91–1.16)
Bristol, City of	2009	1.01 (0.91–1.12)
Bristol, City of	2010	0.97 (0.89–1.06)
Bristol, City of	2011	1.0 (0.92–1.1)
Bristol, City of	2012	1.01 (0.92–1.1)
Bristol, City of	2013	0.99 (0.89–1.09)
Bristol, City of	2014	0.97 (0.87–1.08)
Bristol, City of	2015	0.99 (0.88–1.1)
Bristol, City of	2016	0.96 (0.87–1.06)
Bristol, City of	2017	0.99 (0.85–1.15)
Cornwall	1950	0.7 (0.58–0.84)
Cornwall	1951	0.81 (0.67–0.97)
Cornwall	1952	0.76 (0.63–0.91)
Cornwall	1953	0.77 (0.63–0.92)
Cornwall	1954	0.72 (0.6–0.87)
Cornwall	1955	0.72 (0.6–0.86)
Cornwall	1956	0.71 (0.6–0.84)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Cornwall	1957	0.72 (0.61–0.84)
Cornwall	1958	0.71 (0.61–0.81)
Cornwall	1959	0.71 (0.61–0.82)
Cornwall	1960	0.72 (0.62–0.85)
Cornwall	1961	0.74 (0.62–0.87)
Cornwall	1962	0.76 (0.64–0.91)
Cornwall	1963	0.77 (0.63–0.91)
Cornwall	1964	0.75 (0.61–0.89)
Cornwall	1965	0.73 (0.6–0.87)
Cornwall	1966	0.76 (0.62–0.9)
Cornwall	1967	0.75 (0.6–0.9)
Cornwall	1968	0.78 (0.63–0.95)
Cornwall	1969	0.8 (0.65–0.97)
Cornwall	1970	0.83 (0.68–1.0)
Cornwall	1971	0.86 (0.72–1.02)
Cornwall	1972	0.86 (0.73–1.02)
Cornwall	1973	0.87 (0.75–1.01)
Cornwall	1974	0.88 (0.77–1.01)
Cornwall	1975	0.89 (0.76–1.02)
Cornwall	1976	0.86 (0.73–1.0)
Cornwall	1977	0.88 (0.75–1.03)
Cornwall	1978	0.93 (0.79–1.09)
Cornwall	1979	0.95 (0.83–1.09)
Cornwall	1980	0.94 (0.85–1.04)
Cornwall	1981	0.9 (0.82–0.98)
Cornwall	1982	0.95 (0.88–1.02)
Cornwall	1983	0.96 (0.9–1.03)
Cornwall	1984	0.95 (0.88–1.01)
Cornwall	1985	0.97 (0.9–1.05)
Cornwall	1986	1.02 (0.94–1.09)
Cornwall	1987	1.02 (0.96–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Cornwall	1988	1.06 (0.98–1.14)
Cornwall	1989	1.02 (0.95–1.11)
Cornwall	1990	0.99 (0.92–1.07)
Cornwall	1991	0.96 (0.88–1.04)
Cornwall	1992	0.92 (0.84–0.99)
Cornwall	1993	0.94 (0.87–1.01)
Cornwall	1994	0.95 (0.88–1.03)
Cornwall	1995	0.97 (0.89–1.05)
Cornwall	1996	1.01 (0.92–1.1)
Cornwall	1997	1.0 (0.91–1.1)
Cornwall	1998	0.98 (0.89–1.08)
Cornwall	1999	1.0 (0.91–1.11)
Cornwall	2000	1.0 (0.9–1.12)
Cornwall	2001	1.0 (0.91–1.11)
Cornwall	2002	0.99 (0.9–1.09)
Cornwall	2003	1.03 (0.93–1.14)
Cornwall	2004	1.02 (0.9–1.14)
Cornwall	2005	1.02 (0.91–1.14)
Cornwall	2006	1.04 (0.93–1.18)
Cornwall	2007	1.04 (0.93–1.17)
Cornwall	2008	1.03 (0.91–1.16)
Cornwall	2009	1.01 (0.91–1.12)
Cornwall	2010	0.97 (0.89–1.06)
Cornwall	2011	1.0 (0.92–1.1)
Cornwall	2012	1.01 (0.92–1.1)
Cornwall	2013	0.99 (0.89–1.09)
Cornwall	2014	0.97 (0.87–1.08)
Cornwall	2015	0.99 (0.88–1.1)
Cornwall	2016	0.96 (0.87–1.06)
Cornwall	2017	0.99 (0.85–1.15)
Devon	1950	0.7 (0.58–0.84)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Devon	1951	0.81 (0.67–0.97)
Devon	1952	0.76 (0.63–0.91)
Devon	1953	0.77 (0.63–0.92)
Devon	1954	0.72 (0.6–0.87)
Devon	1955	0.72 (0.6–0.86)
Devon	1956	0.71 (0.6–0.84)
Devon	1957	0.72 (0.61–0.84)
Devon	1958	0.71 (0.61–0.81)
Devon	1959	0.71 (0.61–0.82)
Devon	1960	0.72 (0.62–0.85)
Devon	1961	0.74 (0.62–0.87)
Devon	1962	0.76 (0.64–0.91)
Devon	1963	0.77 (0.63–0.91)
Devon	1964	0.75 (0.61–0.89)
Devon	1965	0.73 (0.6–0.87)
Devon	1966	0.76 (0.62–0.9)
Devon	1967	0.75 (0.6–0.9)
Devon	1968	0.78 (0.63–0.95)
Devon	1969	0.8 (0.65–0.97)
Devon	1970	0.83 (0.68–1.0)
Devon	1971	0.86 (0.72–1.02)
Devon	1972	0.86 (0.73–1.02)
Devon	1973	0.87 (0.75–1.01)
Devon	1974	0.88 (0.77–1.01)
Devon	1975	0.89 (0.76–1.02)
Devon	1976	0.86 (0.73–1.0)
Devon	1977	0.88 (0.75–1.03)
Devon	1978	0.93 (0.79–1.09)
Devon	1979	0.95 (0.83–1.09)
Devon	1980	0.94 (0.85–1.04)
Devon	1981	0.9 (0.82–0.98)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Devon	1982	0.95 (0.88–1.02)
Devon	1983	0.96 (0.9–1.03)
Devon	1984	0.95 (0.88–1.01)
Devon	1985	0.97 (0.9–1.05)
Devon	1986	1.02 (0.94–1.09)
Devon	1987	1.02 (0.96–1.1)
Devon	1988	1.06 (0.98–1.14)
Devon	1989	1.02 (0.95–1.11)
Devon	1990	0.99 (0.92–1.07)
Devon	1991	0.96 (0.88–1.04)
Devon	1992	0.92 (0.84–0.99)
Devon	1993	0.94 (0.87–1.01)
Devon	1994	0.95 (0.88–1.03)
Devon	1995	0.97 (0.89–1.05)
Devon	1996	1.01 (0.92–1.1)
Devon	1997	1.0 (0.91–1.1)
Devon	1998	0.98 (0.88–1.08)
Devon	1999	1.0 (0.91–1.11)
Devon	2000	1.0 (0.9–1.12)
Devon	2001	1.0 (0.91–1.11)
Devon	2002	0.99 (0.9–1.09)
Devon	2003	1.03 (0.93–1.14)
Devon	2004	1.02 (0.9–1.14)
Devon	2005	1.02 (0.91–1.14)
Devon	2006	1.04 (0.93–1.18)
Devon	2007	1.04 (0.93–1.17)
Devon	2008	1.03 (0.91–1.16)
Devon	2009	1.01 (0.91–1.12)
Devon	2010	0.97 (0.89–1.06)
Devon	2011	1.0 (0.92–1.1)
Devon	2012	1.01 (0.92–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Devon	2013	0.99 (0.89–1.09)
Devon	2014	0.97 (0.87–1.08)
Devon	2015	0.99 (0.88–1.1)
Devon	2016	0.96 (0.87–1.06)
Devon	2017	0.99 (0.85–1.15)
Dorset	1950	0.7 (0.58–0.84)
Dorset	1951	0.81 (0.67–0.97)
Dorset	1952	0.76 (0.63–0.91)
Dorset	1953	0.77 (0.63–0.92)
Dorset	1954	0.72 (0.6–0.87)
Dorset	1955	0.72 (0.6–0.86)
Dorset	1956	0.71 (0.6–0.84)
Dorset	1957	0.72 (0.61–0.84)
Dorset	1958	0.71 (0.61–0.81)
Dorset	1959	0.71 (0.61–0.82)
Dorset	1960	0.72 (0.62–0.85)
Dorset	1961	0.74 (0.62–0.87)
Dorset	1962	0.76 (0.64–0.91)
Dorset	1963	0.77 (0.63–0.91)
Dorset	1964	0.75 (0.61–0.89)
Dorset	1965	0.73 (0.6–0.87)
Dorset	1966	0.76 (0.62–0.9)
Dorset	1967	0.75 (0.6–0.9)
Dorset	1968	0.78 (0.63–0.95)
Dorset	1969	0.8 (0.65–0.97)
Dorset	1970	0.83 (0.68–1.0)
Dorset	1971	0.86 (0.72–1.02)
Dorset	1972	0.86 (0.73–1.02)
Dorset	1973	0.87 (0.75–1.01)
Dorset	1974	0.88 (0.77–1.01)
Dorset	1975	0.89 (0.76–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Dorset	1976	0.86 (0.73–1.0)
Dorset	1977	0.88 (0.75–1.03)
Dorset	1978	0.93 (0.79–1.09)
Dorset	1979	0.95 (0.83–1.09)
Dorset	1980	0.94 (0.85–1.04)
Dorset	1981	0.9 (0.82–0.98)
Dorset	1982	0.95 (0.88–1.02)
Dorset	1983	0.96 (0.9–1.03)
Dorset	1984	0.95 (0.88–1.01)
Dorset	1985	0.97 (0.9–1.05)
Dorset	1986	1.02 (0.94–1.09)
Dorset	1987	1.02 (0.96–1.1)
Dorset	1988	1.06 (0.98–1.14)
Dorset	1989	1.02 (0.95–1.11)
Dorset	1990	0.99 (0.92–1.07)
Dorset	1991	0.96 (0.88–1.04)
Dorset	1992	0.92 (0.84–0.99)
Dorset	1993	0.94 (0.87–1.01)
Dorset	1994	0.95 (0.88–1.03)
Dorset	1995	0.97 (0.89–1.05)
Dorset	1996	1.01 (0.92–1.1)
Dorset	1997	1.0 (0.91–1.1)
Dorset	1998	0.98 (0.88–1.08)
Dorset	1999	1.0 (0.91–1.11)
Dorset	2000	1.0 (0.9–1.12)
Dorset	2001	1.0 (0.91–1.11)
Dorset	2002	0.99 (0.9–1.09)
Dorset	2003	1.03 (0.93–1.14)
Dorset	2004	1.02 (0.9–1.14)
Dorset	2005	1.02 (0.91–1.14)
Dorset	2006	1.04 (0.93–1.18)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Dorset	2007	1.04 (0.93–1.17)
Dorset	2008	1.03 (0.91–1.16)
Dorset	2009	1.01 (0.91–1.12)
Dorset	2010	0.97 (0.89–1.06)
Dorset	2011	1.0 (0.92–1.1)
Dorset	2012	1.01 (0.92–1.1)
Dorset	2013	0.99 (0.89–1.09)
Dorset	2014	0.97 (0.87–1.08)
Dorset	2015	0.99 (0.88–1.1)
Dorset	2016	0.96 (0.87–1.06)
Dorset	2017	0.99 (0.85–1.15)
Gloucestershire	1950	0.7 (0.58–0.84)
Gloucestershire	1951	0.81 (0.67–0.97)
Gloucestershire	1952	0.76 (0.63–0.91)
Gloucestershire	1953	0.77 (0.63–0.92)
Gloucestershire	1954	0.72 (0.6–0.87)
Gloucestershire	1955	0.72 (0.6–0.86)
Gloucestershire	1956	0.71 (0.6–0.84)
Gloucestershire	1957	0.72 (0.61–0.84)
Gloucestershire	1958	0.71 (0.61–0.81)
Gloucestershire	1959	0.71 (0.61–0.82)
Gloucestershire	1960	0.72 (0.62–0.85)
Gloucestershire	1961	0.74 (0.62–0.87)
Gloucestershire	1962	0.76 (0.64–0.91)
Gloucestershire	1963	0.77 (0.63–0.91)
Gloucestershire	1964	0.75 (0.61–0.89)
Gloucestershire	1965	0.73 (0.6–0.87)
Gloucestershire	1966	0.76 (0.62–0.9)
Gloucestershire	1967	0.75 (0.6–0.9)
Gloucestershire	1968	0.78 (0.63–0.95)
Gloucestershire	1969	0.8 (0.65–0.97)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Gloucestershire	1970	0.83 (0.68–1.0)
Gloucestershire	1971	0.86 (0.72–1.02)
Gloucestershire	1972	0.86 (0.73–1.02)
Gloucestershire	1973	0.87 (0.75–1.01)
Gloucestershire	1974	0.88 (0.77–1.01)
Gloucestershire	1975	0.89 (0.76–1.02)
Gloucestershire	1976	0.86 (0.73–1.0)
Gloucestershire	1977	0.88 (0.75–1.03)
Gloucestershire	1978	0.93 (0.79–1.09)
Gloucestershire	1979	0.95 (0.83–1.09)
Gloucestershire	1980	0.94 (0.85–1.04)
Gloucestershire	1981	0.9 (0.82–0.98)
Gloucestershire	1982	0.95 (0.88–1.02)
Gloucestershire	1983	0.96 (0.9–1.03)
Gloucestershire	1984	0.95 (0.88–1.01)
Gloucestershire	1985	0.97 (0.9–1.05)
Gloucestershire	1986	1.02 (0.94–1.09)
Gloucestershire	1987	1.02 (0.96–1.1)
Gloucestershire	1988	1.06 (0.98–1.14)
Gloucestershire	1989	1.02 (0.95–1.11)
Gloucestershire	1990	0.99 (0.92–1.07)
Gloucestershire	1991	0.96 (0.88–1.04)
Gloucestershire	1992	0.92 (0.84–0.99)
Gloucestershire	1993	0.94 (0.87–1.01)
Gloucestershire	1994	0.95 (0.88–1.03)
Gloucestershire	1995	0.97 (0.89–1.05)
Gloucestershire	1996	1.01 (0.92–1.1)
Gloucestershire	1997	1.0 (0.91–1.1)
Gloucestershire	1998	0.98 (0.89–1.08)
Gloucestershire	1999	1.0 (0.91–1.11)
Gloucestershire	2000	1.0 (0.9–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Gloucestershire	2001	1.0 (0.91–1.11)
Gloucestershire	2002	0.99 (0.9–1.09)
Gloucestershire	2003	1.03 (0.93–1.14)
Gloucestershire	2004	1.02 (0.9–1.14)
Gloucestershire	2005	1.02 (0.91–1.14)
Gloucestershire	2006	1.04 (0.93–1.18)
Gloucestershire	2007	1.04 (0.93–1.17)
Gloucestershire	2008	1.03 (0.91–1.16)
Gloucestershire	2009	1.01 (0.91–1.12)
Gloucestershire	2010	0.97 (0.89–1.06)
Gloucestershire	2011	1.0 (0.92–1.1)
Gloucestershire	2012	1.01 (0.92–1.1)
Gloucestershire	2013	0.99 (0.89–1.09)
Gloucestershire	2014	0.97 (0.87–1.08)
Gloucestershire	2015	0.99 (0.88–1.1)
Gloucestershire	2016	0.96 (0.87–1.06)
Gloucestershire	2017	0.99 (0.85–1.15)
North Somerset	1950	0.7 (0.58–0.84)
North Somerset	1951	0.81 (0.67–0.97)
North Somerset	1952	0.76 (0.63–0.91)
North Somerset	1953	0.77 (0.63–0.92)
North Somerset	1954	0.72 (0.6–0.87)
North Somerset	1955	0.72 (0.6–0.86)
North Somerset	1956	0.71 (0.6–0.84)
North Somerset	1957	0.72 (0.61–0.84)
North Somerset	1958	0.71 (0.61–0.81)
North Somerset	1959	0.71 (0.61–0.82)
North Somerset	1960	0.72 (0.62–0.85)
North Somerset	1961	0.74 (0.62–0.87)
North Somerset	1962	0.76 (0.64–0.91)
North Somerset	1963	0.77 (0.63–0.91)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North Somerset	1964	0.75 (0.61–0.89)
North Somerset	1965	0.73 (0.6–0.87)
North Somerset	1966	0.76 (0.62–0.9)
North Somerset	1967	0.75 (0.6–0.9)
North Somerset	1968	0.78 (0.63–0.95)
North Somerset	1969	0.8 (0.65–0.97)
North Somerset	1970	0.83 (0.68–1.0)
North Somerset	1971	0.86 (0.72–1.02)
North Somerset	1972	0.86 (0.73–1.02)
North Somerset	1973	0.87 (0.75–1.01)
North Somerset	1974	0.88 (0.77–1.01)
North Somerset	1975	0.89 (0.76–1.02)
North Somerset	1976	0.86 (0.73–1.0)
North Somerset	1977	0.88 (0.75–1.03)
North Somerset	1978	0.93 (0.79–1.09)
North Somerset	1979	0.95 (0.83–1.09)
North Somerset	1980	0.94 (0.85–1.04)
North Somerset	1981	0.9 (0.82–0.98)
North Somerset	1982	0.95 (0.88–1.02)
North Somerset	1983	0.96 (0.9–1.03)
North Somerset	1984	0.95 (0.88–1.01)
North Somerset	1985	0.97 (0.9–1.05)
North Somerset	1986	1.02 (0.94–1.09)
North Somerset	1987	1.02 (0.96–1.1)
North Somerset	1988	1.06 (0.98–1.14)
North Somerset	1989	1.02 (0.95–1.11)
North Somerset	1990	0.99 (0.92–1.07)
North Somerset	1991	0.96 (0.88–1.04)
North Somerset	1992	0.92 (0.84–0.99)
North Somerset	1993	0.94 (0.87–1.01)
North Somerset	1994	0.95 (0.88–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North Somerset	1995	0.97 (0.89–1.05)
North Somerset	1996	1.01 (0.92–1.1)
North Somerset	1997	1.0 (0.91–1.1)
North Somerset	1998	0.98 (0.89–1.08)
North Somerset	1999	1.0 (0.91–1.11)
North Somerset	2000	1.0 (0.9–1.12)
North Somerset	2001	1.0 (0.91–1.11)
North Somerset	2002	0.99 (0.9–1.09)
North Somerset	2003	1.03 (0.93–1.14)
North Somerset	2004	1.02 (0.9–1.14)
North Somerset	2005	1.02 (0.91–1.14)
North Somerset	2006	1.04 (0.93–1.18)
North Somerset	2007	1.04 (0.93–1.17)
North Somerset	2008	1.03 (0.91–1.16)
North Somerset	2009	1.01 (0.91–1.12)
North Somerset	2010	0.97 (0.89–1.06)
North Somerset	2011	1.0 (0.92–1.1)
North Somerset	2012	1.01 (0.92–1.1)
North Somerset	2013	0.99 (0.89–1.09)
North Somerset	2014	0.97 (0.87–1.08)
North Somerset	2015	0.99 (0.88–1.1)
North Somerset	2016	0.96 (0.87–1.06)
North Somerset	2017	0.99 (0.85–1.15)
Plymouth	1950	0.7 (0.58–0.84)
Plymouth	1951	0.81 (0.67–0.97)
Plymouth	1952	0.76 (0.63–0.91)
Plymouth	1953	0.77 (0.63–0.92)
Plymouth	1954	0.72 (0.6–0.87)
Plymouth	1955	0.72 (0.6–0.86)
Plymouth	1956	0.71 (0.6–0.84)
Plymouth	1957	0.72 (0.61–0.84)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Plymouth	1958	0.71 (0.61–0.81)
Plymouth	1959	0.71 (0.61–0.82)
Plymouth	1960	0.72 (0.62–0.85)
Plymouth	1961	0.74 (0.62–0.87)
Plymouth	1962	0.76 (0.64–0.91)
Plymouth	1963	0.77 (0.63–0.91)
Plymouth	1964	0.75 (0.61–0.89)
Plymouth	1965	0.73 (0.6–0.87)
Plymouth	1966	0.76 (0.62–0.9)
Plymouth	1967	0.75 (0.6–0.9)
Plymouth	1968	0.78 (0.63–0.95)
Plymouth	1969	0.8 (0.65–0.97)
Plymouth	1970	0.83 (0.68–1.0)
Plymouth	1971	0.86 (0.72–1.02)
Plymouth	1972	0.86 (0.73–1.02)
Plymouth	1973	0.87 (0.75–1.01)
Plymouth	1974	0.88 (0.77–1.01)
Plymouth	1975	0.89 (0.76–1.02)
Plymouth	1976	0.86 (0.73–1.0)
Plymouth	1977	0.88 (0.75–1.03)
Plymouth	1978	0.93 (0.79–1.09)
Plymouth	1979	0.95 (0.83–1.09)
Plymouth	1980	0.94 (0.85–1.04)
Plymouth	1981	0.9 (0.82–0.98)
Plymouth	1982	0.95 (0.88–1.02)
Plymouth	1983	0.96 (0.9–1.03)
Plymouth	1984	0.95 (0.88–1.01)
Plymouth	1985	0.97 (0.9–1.05)
Plymouth	1986	1.02 (0.94–1.09)
Plymouth	1987	1.02 (0.96–1.1)
Plymouth	1988	1.06 (0.98–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Plymouth	1989	1.02 (0.95–1.11)
Plymouth	1990	0.99 (0.92–1.07)
Plymouth	1991	0.96 (0.88–1.04)
Plymouth	1992	0.92 (0.84–0.99)
Plymouth	1993	0.94 (0.87–1.01)
Plymouth	1994	0.95 (0.88–1.03)
Plymouth	1995	0.97 (0.89–1.05)
Plymouth	1996	1.01 (0.92–1.1)
Plymouth	1997	1.0 (0.91–1.09)
Plymouth	1998	0.98 (0.89–1.08)
Plymouth	1999	1.0 (0.91–1.11)
Plymouth	2000	1.0 (0.9–1.12)
Plymouth	2001	1.0 (0.91–1.11)
Plymouth	2002	0.99 (0.9–1.09)
Plymouth	2003	1.03 (0.93–1.14)
Plymouth	2004	1.02 (0.9–1.14)
Plymouth	2005	1.02 (0.91–1.14)
Plymouth	2006	1.04 (0.93–1.18)
Plymouth	2007	1.04 (0.93–1.17)
Plymouth	2008	1.03 (0.91–1.16)
Plymouth	2009	1.01 (0.91–1.12)
Plymouth	2010	0.97 (0.89–1.06)
Plymouth	2011	1.0 (0.92–1.1)
Plymouth	2012	1.01 (0.92–1.1)
Plymouth	2013	0.99 (0.89–1.09)
Plymouth	2014	0.97 (0.87–1.08)
Plymouth	2015	0.99 (0.88–1.1)
Plymouth	2016	0.96 (0.87–1.06)
Plymouth	2017	0.99 (0.85–1.15)
Poole	1950	0.7 (0.58–0.84)
Poole	1951	0.81 (0.67–0.97)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Poole	1952	0.76 (0.63–0.91)
Poole	1953	0.77 (0.63–0.92)
Poole	1954	0.72 (0.6–0.87)
Poole	1955	0.72 (0.6–0.86)
Poole	1956	0.71 (0.6–0.84)
Poole	1957	0.72 (0.61–0.84)
Poole	1958	0.71 (0.61–0.81)
Poole	1959	0.71 (0.61–0.82)
Poole	1960	0.72 (0.62–0.85)
Poole	1961	0.74 (0.62–0.87)
Poole	1962	0.76 (0.64–0.91)
Poole	1963	0.77 (0.63–0.91)
Poole	1964	0.75 (0.61–0.89)
Poole	1965	0.73 (0.6–0.87)
Poole	1966	0.76 (0.62–0.9)
Poole	1967	0.75 (0.6–0.9)
Poole	1968	0.78 (0.63–0.95)
Poole	1969	0.8 (0.65–0.97)
Poole	1970	0.83 (0.68–1.0)
Poole	1971	0.86 (0.72–1.02)
Poole	1972	0.86 (0.73–1.02)
Poole	1973	0.87 (0.75–1.01)
Poole	1974	0.88 (0.77–1.01)
Poole	1975	0.89 (0.76–1.02)
Poole	1976	0.86 (0.73–1.0)
Poole	1977	0.88 (0.75–1.03)
Poole	1978	0.93 (0.79–1.09)
Poole	1979	0.95 (0.83–1.09)
Poole	1980	0.94 (0.85–1.04)
Poole	1981	0.9 (0.82–0.98)
Poole	1982	0.95 (0.88–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Poole	1983	0.96 (0.9–1.03)
Poole	1984	0.95 (0.88–1.01)
Poole	1985	0.97 (0.9–1.05)
Poole	1986	1.02 (0.94–1.09)
Poole	1987	1.02 (0.96–1.1)
Poole	1988	1.06 (0.98–1.14)
Poole	1989	1.02 (0.95–1.11)
Poole	1990	0.99 (0.92–1.07)
Poole	1991	0.96 (0.88–1.04)
Poole	1992	0.92 (0.84–0.99)
Poole	1993	0.94 (0.87–1.01)
Poole	1994	0.95 (0.88–1.03)
Poole	1995	0.97 (0.89–1.05)
Poole	1996	1.01 (0.92–1.1)
Poole	1997	1.0 (0.91–1.1)
Poole	1998	0.98 (0.89–1.08)
Poole	1999	1.0 (0.91–1.11)
Poole	2000	1.0 (0.9–1.12)
Poole	2001	1.0 (0.91–1.11)
Poole	2002	0.99 (0.9–1.09)
Poole	2003	1.03 (0.93–1.14)
Poole	2004	1.02 (0.9–1.14)
Poole	2005	1.02 (0.91–1.14)
Poole	2006	1.04 (0.93–1.18)
Poole	2007	1.04 (0.93–1.17)
Poole	2008	1.03 (0.91–1.16)
Poole	2009	1.01 (0.91–1.12)
Poole	2010	0.97 (0.89–1.06)
Poole	2011	1.0 (0.92–1.1)
Poole	2012	1.01 (0.92–1.1)
Poole	2013	0.99 (0.89–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Poole	2014	0.97 (0.87–1.08)
Poole	2015	0.99 (0.88–1.1)
Poole	2016	0.96 (0.87–1.06)
Poole	2017	0.99 (0.85–1.15)
Somerset	1950	0.7 (0.58–0.84)
Somerset	1951	0.81 (0.67–0.97)
Somerset	1952	0.76 (0.63–0.91)
Somerset	1953	0.77 (0.63–0.92)
Somerset	1954	0.72 (0.6–0.87)
Somerset	1955	0.72 (0.6–0.86)
Somerset	1956	0.71 (0.6–0.84)
Somerset	1957	0.72 (0.61–0.84)
Somerset	1958	0.71 (0.61–0.81)
Somerset	1959	0.71 (0.61–0.82)
Somerset	1960	0.72 (0.62–0.85)
Somerset	1961	0.74 (0.62–0.87)
Somerset	1962	0.76 (0.64–0.91)
Somerset	1963	0.77 (0.63–0.91)
Somerset	1964	0.75 (0.61–0.89)
Somerset	1965	0.73 (0.6–0.87)
Somerset	1966	0.76 (0.62–0.9)
Somerset	1967	0.75 (0.6–0.9)
Somerset	1968	0.78 (0.63–0.95)
Somerset	1969	0.8 (0.65–0.97)
Somerset	1970	0.83 (0.68–1.0)
Somerset	1971	0.86 (0.72–1.02)
Somerset	1972	0.86 (0.73–1.02)
Somerset	1973	0.87 (0.75–1.01)
Somerset	1974	0.88 (0.77–1.01)
Somerset	1975	0.89 (0.76–1.02)
Somerset	1976	0.86 (0.73–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Somerset	1977	0.88 (0.75–1.03)
Somerset	1978	0.93 (0.79–1.09)
Somerset	1979	0.95 (0.83–1.09)
Somerset	1980	0.94 (0.85–1.04)
Somerset	1981	0.9 (0.82–0.98)
Somerset	1982	0.95 (0.88–1.02)
Somerset	1983	0.96 (0.9–1.03)
Somerset	1984	0.95 (0.88–1.01)
Somerset	1985	0.97 (0.9–1.05)
Somerset	1986	1.02 (0.94–1.09)
Somerset	1987	1.02 (0.96–1.1)
Somerset	1988	1.06 (0.98–1.14)
Somerset	1989	1.02 (0.95–1.11)
Somerset	1990	0.99 (0.92–1.07)
Somerset	1991	0.96 (0.88–1.04)
Somerset	1992	0.92 (0.84–0.99)
Somerset	1993	0.94 (0.87–1.01)
Somerset	1994	0.95 (0.88–1.03)
Somerset	1995	0.97 (0.89–1.05)
Somerset	1996	1.01 (0.92–1.1)
Somerset	1997	1.0 (0.91–1.1)
Somerset	1998	0.98 (0.89–1.08)
Somerset	1999	1.0 (0.91–1.11)
Somerset	2000	1.0 (0.9–1.12)
Somerset	2001	1.0 (0.91–1.11)
Somerset	2002	0.99 (0.9–1.09)
Somerset	2003	1.03 (0.93–1.14)
Somerset	2004	1.02 (0.9–1.14)
Somerset	2005	1.02 (0.91–1.14)
Somerset	2006	1.04 (0.93–1.18)
Somerset	2007	1.04 (0.93–1.17)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Somerset	2008	1.03 (0.91–1.16)
Somerset	2009	1.01 (0.91–1.12)
Somerset	2010	0.97 (0.89–1.06)
Somerset	2011	1.0 (0.92–1.1)
Somerset	2012	1.01 (0.92–1.1)
Somerset	2013	0.99 (0.89–1.09)
Somerset	2014	0.97 (0.87–1.08)
Somerset	2015	0.99 (0.88–1.1)
Somerset	2016	0.96 (0.87–1.06)
Somerset	2017	0.99 (0.85–1.15)
South Gloucestershire	1950	0.7 (0.58–0.84)
South Gloucestershire	1951	0.81 (0.67–0.97)
South Gloucestershire	1952	0.76 (0.63–0.91)
South Gloucestershire	1953	0.77 (0.63–0.92)
South Gloucestershire	1954	0.72 (0.6–0.87)
South Gloucestershire	1955	0.72 (0.6–0.86)
South Gloucestershire	1956	0.71 (0.6–0.84)
South Gloucestershire	1957	0.72 (0.61–0.84)
South Gloucestershire	1958	0.71 (0.61–0.81)
South Gloucestershire	1959	0.71 (0.61–0.82)
South Gloucestershire	1960	0.72 (0.62–0.85)
South Gloucestershire	1961	0.74 (0.62–0.87)
South Gloucestershire	1962	0.76 (0.64–0.91)
South Gloucestershire	1963	0.77 (0.63–0.91)
South Gloucestershire	1964	0.75 (0.61–0.89)
South Gloucestershire	1965	0.73 (0.6–0.87)
South Gloucestershire	1966	0.76 (0.62–0.9)
South Gloucestershire	1967	0.75 (0.6–0.9)
South Gloucestershire	1968	0.78 (0.63–0.95)
South Gloucestershire	1969	0.8 (0.65–0.97)
South Gloucestershire	1970	0.83 (0.68–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
South Gloucestershire	1971	0.86 (0.72–1.02)
South Gloucestershire	1972	0.86 (0.73–1.02)
South Gloucestershire	1973	0.87 (0.75–1.01)
South Gloucestershire	1974	0.88 (0.77–1.01)
South Gloucestershire	1975	0.89 (0.76–1.02)
South Gloucestershire	1976	0.86 (0.73–1.0)
South Gloucestershire	1977	0.88 (0.75–1.03)
South Gloucestershire	1978	0.93 (0.79–1.09)
South Gloucestershire	1979	0.95 (0.83–1.09)
South Gloucestershire	1980	0.94 (0.84–1.04)
South Gloucestershire	1981	0.9 (0.82–0.98)
South Gloucestershire	1982	0.95 (0.88–1.02)
South Gloucestershire	1983	0.96 (0.9–1.03)
South Gloucestershire	1984	0.95 (0.88–1.01)
South Gloucestershire	1985	0.97 (0.9–1.05)
South Gloucestershire	1986	1.02 (0.94–1.09)
South Gloucestershire	1987	1.02 (0.96–1.1)
South Gloucestershire	1988	1.06 (0.98–1.14)
South Gloucestershire	1989	1.02 (0.95–1.11)
South Gloucestershire	1990	0.99 (0.92–1.07)
South Gloucestershire	1991	0.96 (0.88–1.04)
South Gloucestershire	1992	0.92 (0.84–0.99)
South Gloucestershire	1993	0.94 (0.87–1.01)
South Gloucestershire	1994	0.95 (0.88–1.03)
South Gloucestershire	1995	0.97 (0.89–1.05)
South Gloucestershire	1996	1.01 (0.92–1.1)
South Gloucestershire	1997	1.0 (0.91–1.1)
South Gloucestershire	1998	0.98 (0.89–1.08)
South Gloucestershire	1999	1.0 (0.91–1.11)
South Gloucestershire	2000	1.0 (0.9–1.12)
South Gloucestershire	2001	1.0 (0.91–1.11)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
South Gloucestershire	2002	0.99 (0.9–1.09)
South Gloucestershire	2003	1.03 (0.93–1.14)
South Gloucestershire	2004	1.02 (0.9–1.14)
South Gloucestershire	2005	1.02 (0.91–1.14)
South Gloucestershire	2006	1.04 (0.93–1.18)
South Gloucestershire	2007	1.04 (0.93–1.17)
South Gloucestershire	2008	1.03 (0.91–1.16)
South Gloucestershire	2009	1.01 (0.91–1.12)
South Gloucestershire	2010	0.97 (0.89–1.06)
South Gloucestershire	2011	1.0 (0.92–1.1)
South Gloucestershire	2012	1.01 (0.92–1.1)
South Gloucestershire	2013	0.99 (0.89–1.09)
South Gloucestershire	2014	0.97 (0.87–1.08)
South Gloucestershire	2015	0.99 (0.88–1.1)
South Gloucestershire	2016	0.96 (0.87–1.06)
South Gloucestershire	2017	0.99 (0.85–1.15)
Swindon	1950	0.7 (0.58–0.84)
Swindon	1951	0.81 (0.67–0.97)
Swindon	1952	0.76 (0.63–0.91)
Swindon	1953	0.77 (0.63–0.92)
Swindon	1954	0.72 (0.6–0.87)
Swindon	1955	0.72 (0.6–0.86)
Swindon	1956	0.71 (0.6–0.84)
Swindon	1957	0.72 (0.61–0.84)
Swindon	1958	0.71 (0.62–0.81)
Swindon	1959	0.71 (0.61–0.82)
Swindon	1960	0.73 (0.62–0.85)
Swindon	1961	0.74 (0.62–0.87)
Swindon	1962	0.76 (0.64–0.91)
Swindon	1963	0.77 (0.64–0.91)
Swindon	1964	0.75 (0.62–0.89)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Swindon	1965	0.73 (0.6–0.87)
Swindon	1966	0.76 (0.62–0.9)
Swindon	1967	0.75 (0.6–0.9)
Swindon	1968	0.78 (0.63–0.95)
Swindon	1969	0.8 (0.65–0.97)
Swindon	1970	0.83 (0.69–1.0)
Swindon	1971	0.86 (0.72–1.02)
Swindon	1972	0.86 (0.73–1.02)
Swindon	1973	0.87 (0.75–1.01)
Swindon	1974	0.88 (0.77–1.01)
Swindon	1975	0.89 (0.76–1.02)
Swindon	1976	0.86 (0.73–1.0)
Swindon	1977	0.88 (0.75–1.03)
Swindon	1978	0.93 (0.79–1.09)
Swindon	1979	0.96 (0.83–1.09)
Swindon	1980	0.94 (0.85–1.04)
Swindon	1981	0.9 (0.82–0.98)
Swindon	1982	0.95 (0.88–1.02)
Swindon	1983	0.96 (0.9–1.03)
Swindon	1984	0.95 (0.88–1.01)
Swindon	1985	0.97 (0.9–1.05)
Swindon	1986	1.02 (0.94–1.09)
Swindon	1987	1.02 (0.96–1.1)
Swindon	1988	1.06 (0.98–1.14)
Swindon	1989	1.02 (0.95–1.11)
Swindon	1990	0.99 (0.92–1.07)
Swindon	1991	0.96 (0.88–1.04)
Swindon	1992	0.92 (0.84–0.99)
Swindon	1993	0.94 (0.87–1.01)
Swindon	1994	0.95 (0.88–1.03)
Swindon	1995	0.97 (0.89–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Swindon	1996	1.01 (0.92–1.1)
Swindon	1997	1.0 (0.91–1.09)
Swindon	1998	0.98 (0.89–1.08)
Swindon	1999	1.0 (0.91–1.11)
Swindon	2000	1.0 (0.9–1.12)
Swindon	2001	1.0 (0.91–1.11)
Swindon	2002	0.99 (0.9–1.09)
Swindon	2003	1.03 (0.93–1.14)
Swindon	2004	1.02 (0.9–1.14)
Swindon	2005	1.02 (0.91–1.14)
Swindon	2006	1.04 (0.93–1.18)
Swindon	2007	1.04 (0.93–1.17)
Swindon	2008	1.03 (0.91–1.16)
Swindon	2009	1.01 (0.91–1.12)
Swindon	2010	0.97 (0.89–1.06)
Swindon	2011	1.0 (0.92–1.1)
Swindon	2012	1.01 (0.92–1.1)
Swindon	2013	0.99 (0.89–1.09)
Swindon	2014	0.97 (0.87–1.08)
Swindon	2015	0.99 (0.88–1.1)
Swindon	2016	0.96 (0.87–1.06)
Swindon	2017	0.99 (0.85–1.15)
Torbay	1950	0.7 (0.58–0.84)
Torbay	1951	0.81 (0.67–0.97)
Torbay	1952	0.76 (0.63–0.91)
Torbay	1953	0.77 (0.63–0.92)
Torbay	1954	0.72 (0.6–0.87)
Torbay	1955	0.72 (0.6–0.86)
Torbay	1956	0.71 (0.6–0.84)
Torbay	1957	0.72 (0.61–0.84)
Torbay	1958	0.71 (0.61–0.81)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Torbay	1959	0.71 (0.61–0.82)
Torbay	1960	0.72 (0.62–0.85)
Torbay	1961	0.74 (0.62–0.87)
Torbay	1962	0.76 (0.64–0.91)
Torbay	1963	0.77 (0.63–0.91)
Torbay	1964	0.75 (0.61–0.89)
Torbay	1965	0.73 (0.6–0.87)
Torbay	1966	0.76 (0.62–0.9)
Torbay	1967	0.75 (0.6–0.9)
Torbay	1968	0.78 (0.63–0.95)
Torbay	1969	0.8 (0.65–0.97)
Torbay	1970	0.83 (0.68–1.0)
Torbay	1971	0.86 (0.72–1.02)
Torbay	1972	0.86 (0.73–1.02)
Torbay	1973	0.87 (0.75–1.01)
Torbay	1974	0.88 (0.77–1.01)
Torbay	1975	0.89 (0.76–1.02)
Torbay	1976	0.86 (0.73–1.0)
Torbay	1977	0.88 (0.75–1.03)
Torbay	1978	0.93 (0.79–1.09)
Torbay	1979	0.95 (0.83–1.09)
Torbay	1980	0.94 (0.85–1.04)
Torbay	1981	0.9 (0.82–0.98)
Torbay	1982	0.95 (0.88–1.02)
Torbay	1983	0.96 (0.9–1.03)
Torbay	1984	0.95 (0.88–1.01)
Torbay	1985	0.97 (0.9–1.05)
Torbay	1986	1.02 (0.94–1.09)
Torbay	1987	1.02 (0.96–1.1)
Torbay	1988	1.06 (0.98–1.14)
Torbay	1989	1.02 (0.95–1.11)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Torbay	1990	0.99 (0.92–1.07)
Torbay	1991	0.96 (0.88–1.04)
Torbay	1992	0.92 (0.84–0.99)
Torbay	1993	0.94 (0.87–1.01)
Torbay	1994	0.95 (0.88–1.03)
Torbay	1995	0.97 (0.89–1.05)
Torbay	1996	1.01 (0.92–1.1)
Torbay	1997	1.0 (0.91–1.1)
Torbay	1998	0.98 (0.89–1.08)
Torbay	1999	1.0 (0.91–1.11)
Torbay	2000	1.0 (0.9–1.12)
Torbay	2001	1.0 (0.91–1.11)
Torbay	2002	0.99 (0.9–1.09)
Torbay	2003	1.03 (0.93–1.14)
Torbay	2004	1.02 (0.9–1.14)
Torbay	2005	1.02 (0.91–1.14)
Torbay	2006	1.04 (0.93–1.18)
Torbay	2007	1.04 (0.93–1.17)
Torbay	2008	1.03 (0.91–1.16)
Torbay	2009	1.01 (0.91–1.12)
Torbay	2010	0.97 (0.89–1.06)
Torbay	2011	1.0 (0.92–1.1)
Torbay	2012	1.01 (0.92–1.1)
Torbay	2013	0.99 (0.89–1.09)
Torbay	2014	0.97 (0.87–1.08)
Torbay	2015	0.99 (0.88–1.1)
Torbay	2016	0.96 (0.87–1.06)
Torbay	2017	0.99 (0.85–1.15)
Wiltshire	1950	0.7 (0.58–0.84)
Wiltshire	1951	0.81 (0.67–0.97)
Wiltshire	1952	0.76 (0.63–0.91)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wiltshire	1953	0.77 (0.63–0.92)
Wiltshire	1954	0.72 (0.6–0.87)
Wiltshire	1955	0.72 (0.6–0.86)
Wiltshire	1956	0.71 (0.6–0.84)
Wiltshire	1957	0.72 (0.61–0.84)
Wiltshire	1958	0.71 (0.61–0.81)
Wiltshire	1959	0.71 (0.61–0.82)
Wiltshire	1960	0.72 (0.62–0.85)
Wiltshire	1961	0.74 (0.62–0.87)
Wiltshire	1962	0.76 (0.64–0.91)
Wiltshire	1963	0.77 (0.63–0.91)
Wiltshire	1964	0.75 (0.61–0.89)
Wiltshire	1965	0.73 (0.6–0.87)
Wiltshire	1966	0.76 (0.62–0.9)
Wiltshire	1967	0.75 (0.6–0.9)
Wiltshire	1968	0.78 (0.63–0.95)
Wiltshire	1969	0.8 (0.65–0.97)
Wiltshire	1970	0.83 (0.68–1.0)
Wiltshire	1971	0.86 (0.72–1.02)
Wiltshire	1972	0.86 (0.73–1.02)
Wiltshire	1973	0.87 (0.75–1.01)
Wiltshire	1974	0.88 (0.77–1.01)
Wiltshire	1975	0.89 (0.76–1.02)
Wiltshire	1976	0.86 (0.73–1.0)
Wiltshire	1977	0.88 (0.75–1.03)
Wiltshire	1978	0.93 (0.79–1.09)
Wiltshire	1979	0.95 (0.83–1.09)
Wiltshire	1980	0.94 (0.85–1.04)
Wiltshire	1981	0.9 (0.82–0.98)
Wiltshire	1982	0.95 (0.88–1.02)
Wiltshire	1983	0.96 (0.9–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wiltshire	1984	0.95 (0.88–1.01)
Wiltshire	1985	0.97 (0.9–1.05)
Wiltshire	1986	1.02 (0.94–1.09)
Wiltshire	1987	1.02 (0.96–1.1)
Wiltshire	1988	1.06 (0.98–1.14)
Wiltshire	1989	1.02 (0.95–1.11)
Wiltshire	1990	0.99 (0.92–1.07)
Wiltshire	1991	0.96 (0.88–1.04)
Wiltshire	1992	0.92 (0.84–0.99)
Wiltshire	1993	0.94 (0.87–1.01)
Wiltshire	1994	0.95 (0.88–1.03)
Wiltshire	1995	0.97 (0.89–1.05)
Wiltshire	1996	1.01 (0.92–1.1)
Wiltshire	1997	1.0 (0.91–1.1)
Wiltshire	1998	0.98 (0.89–1.08)
Wiltshire	1999	1.0 (0.91–1.11)
Wiltshire	2000	1.0 (0.9–1.12)
Wiltshire	2001	1.0 (0.91–1.11)
Wiltshire	2002	0.99 (0.9–1.09)
Wiltshire	2003	1.03 (0.93–1.14)
Wiltshire	2004	1.02 (0.9–1.14)
Wiltshire	2005	1.02 (0.91–1.14)
Wiltshire	2006	1.04 (0.93–1.18)
Wiltshire	2007	1.04 (0.93–1.17)
Wiltshire	2008	1.03 (0.91–1.16)
Wiltshire	2009	1.01 (0.91–1.12)
Wiltshire	2010	0.97 (0.89–1.06)
Wiltshire	2011	1.0 (0.92–1.1)
Wiltshire	2012	1.01 (0.92–1.1)
Wiltshire	2013	0.99 (0.89–1.09)
Wiltshire	2014	0.97 (0.87–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wiltshire	2015	0.99 (0.88–1.1)
Wiltshire	2016	0.96 (0.87–1.06)
Wiltshire	2017	0.99 (0.85–1.15)
West Midlands	1950	0.9 (0.74–1.08)
West Midlands	1951	1.04 (0.85–1.25)
West Midlands	1952	0.97 (0.8–1.17)
West Midlands	1953	0.98 (0.81–1.17)
West Midlands	1954	0.91 (0.75–1.1)
West Midlands	1955	0.91 (0.74–1.11)
West Midlands	1956	0.89 (0.73–1.09)
West Midlands	1957	0.9 (0.73–1.1)
West Midlands	1958	0.88 (0.71–1.07)
West Midlands	1959	0.87 (0.71–1.06)
West Midlands	1960	0.88 (0.71–1.06)
West Midlands	1961	0.89 (0.72–1.07)
West Midlands	1962	0.91 (0.74–1.09)
West Midlands	1963	0.91 (0.75–1.09)
West Midlands	1964	0.88 (0.72–1.05)
West Midlands	1965	0.85 (0.69–1.02)
West Midlands	1966	0.87 (0.71–1.04)
West Midlands	1967	0.85 (0.69–1.02)
West Midlands	1968	0.88 (0.72–1.05)
West Midlands	1969	0.89 (0.73–1.06)
West Midlands	1970	0.91 (0.76–1.08)
West Midlands	1971	0.93 (0.78–1.1)
West Midlands	1972	0.93 (0.78–1.11)
West Midlands	1973	0.93 (0.78–1.12)
West Midlands	1974	0.94 (0.79–1.11)
West Midlands	1975	0.93 (0.79–1.1)
West Midlands	1976	0.9 (0.77–1.04)
West Midlands	1977	0.92 (0.8–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
West Midlands	1978	0.96 (0.85–1.08)
West Midlands	1979	0.98 (0.9–1.08)
West Midlands	1980	0.97 (0.9–1.04)
West Midlands	1981	0.93 (0.89–0.97)
West Midlands	1982	0.98 (0.95–1.01)
West Midlands	1983	1.0 (0.97–1.03)
West Midlands	1984	0.98 (0.95–1.01)
West Midlands	1985	0.99 (0.95–1.02)
West Midlands	1986	0.99 (0.97–1.02)
West Midlands	1987	0.99 (0.96–1.01)
West Midlands	1988	1.0 (0.97–1.03)
West Midlands	1989	0.99 (0.97–1.01)
West Midlands	1990	1.0 (0.98–1.02)
West Midlands	1991	1.0 (0.98–1.02)
West Midlands	1992	0.97 (0.95–1.0)
West Midlands	1993	1.0 (0.97–1.02)
West Midlands	1994	1.01 (0.98–1.04)
West Midlands	1995	1.02 (0.99–1.05)
West Midlands	1996	1.04 (1.01–1.06)
West Midlands	1997	1.01 (0.97–1.05)
West Midlands	1998	1.0 (0.96–1.03)
West Midlands	1999	1.02 (0.99–1.06)
West Midlands	2000	1.01 (0.95–1.09)
West Midlands	2001	1.0 (0.96–1.04)
West Midlands	2002	0.98 (0.95–1.02)
West Midlands	2003	1.02 (0.98–1.06)
West Midlands	2004	0.99 (0.96–1.02)
West Midlands	2005	0.99 (0.95–1.03)
West Midlands	2006	1.01 (0.97–1.05)
West Midlands	2007	1.01 (0.98–1.05)
West Midlands	2008	1.01 (0.98–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
West Midlands	2009	1.0 (0.96–1.04)
West Midlands	2010	0.98 (0.95–1.02)
West Midlands	2011	1.0 (0.96–1.04)
West Midlands	2012	1.0 (0.96–1.04)
West Midlands	2013	0.99 (0.95–1.02)
West Midlands	2014	0.99 (0.95–1.03)
West Midlands	2015	1.0 (0.96–1.04)
West Midlands	2016	1.0 (0.94–1.05)
West Midlands	2017	1.02 (0.92–1.14)
Birmingham	1950	0.55 (0.46–0.66)
Birmingham	1951	0.65 (0.53–0.77)
Birmingham	1952	0.61 (0.5–0.72)
Birmingham	1953	0.61 (0.51–0.73)
Birmingham	1954	0.58 (0.48–0.69)
Birmingham	1955	0.58 (0.49–0.69)
Birmingham	1956	0.58 (0.48–0.69)
Birmingham	1957	0.59 (0.5–0.7)
Birmingham	1958	0.59 (0.49–0.69)
Birmingham	1959	0.59 (0.5–0.7)
Birmingham	1960	0.61 (0.51–0.72)
Birmingham	1961	0.62 (0.52–0.74)
Birmingham	1962	0.65 (0.54–0.78)
Birmingham	1963	0.66 (0.55–0.79)
Birmingham	1964	0.65 (0.53–0.78)
Birmingham	1965	0.64 (0.52–0.77)
Birmingham	1966	0.67 (0.55–0.79)
Birmingham	1967	0.66 (0.54–0.79)
Birmingham	1968	0.7 (0.57–0.83)
Birmingham	1969	0.72 (0.59–0.86)
Birmingham	1970	0.75 (0.62–0.89)
Birmingham	1971	0.79 (0.66–0.93)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Birmingham	1972	0.8 (0.68–0.93)
Birmingham	1973	0.81 (0.7–0.93)
Birmingham	1974	0.83 (0.72–0.95)
Birmingham	1975	0.84 (0.73–0.95)
Birmingham	1976	0.82 (0.72–0.93)
Birmingham	1977	0.85 (0.76–0.95)
Birmingham	1978	0.91 (0.82–1.0)
Birmingham	1979	0.94 (0.86–1.02)
Birmingham	1980	0.93 (0.86–0.99)
Birmingham	1981	0.89 (0.83–0.94)
Birmingham	1982	0.95 (0.9–1.01)
Birmingham	1983	0.97 (0.92–1.03)
Birmingham	1984	0.96 (0.91–1.02)
Birmingham	1985	0.96 (0.91–1.02)
Birmingham	1986	0.98 (0.92–1.04)
Birmingham	1987	0.99 (0.94–1.05)
Birmingham	1988	1.05 (1.0–1.11)
Birmingham	1989	1.05 (0.99–1.1)
Birmingham	1990	1.07 (1.02–1.13)
Birmingham	1991	1.02 (0.95–1.1)
Birmingham	1992	0.95 (0.89–1.01)
Birmingham	1993	0.93 (0.86–1.0)
Birmingham	1994	0.94 (0.87–1.01)
Birmingham	1995	0.95 (0.87–1.02)
Birmingham	1996	0.98 (0.9–1.05)
Birmingham	1997	0.98 (0.91–1.05)
Birmingham	1998	0.96 (0.89–1.03)
Birmingham	1999	1.0 (0.93–1.08)
Birmingham	2000	1.0 (0.92–1.1)
Birmingham	2001	0.99 (0.93–1.06)
Birmingham	2002	1.0 (0.94–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Birmingham	2003	1.08 (0.99–1.17)
Birmingham	2004	1.04 (0.96–1.13)
Birmingham	2005	1.03 (0.95–1.12)
Birmingham	2006	1.04 (0.96–1.13)
Birmingham	2007	1.04 (0.96–1.12)
Birmingham	2008	1.05 (0.97–1.12)
Birmingham	2009	1.01 (0.93–1.08)
Birmingham	2010	0.97 (0.9–1.04)
Birmingham	2011	0.98 (0.91–1.06)
Birmingham	2012	0.97 (0.9–1.05)
Birmingham	2013	0.96 (0.91–1.02)
Birmingham	2014	0.99 (0.91–1.08)
Birmingham	2015	1.05 (0.95–1.15)
Birmingham	2016	1.09 (0.98–1.2)
Birmingham	2017	1.09 (0.93–1.26)
Coventry	1950	0.55 (0.46–0.66)
Coventry	1951	0.65 (0.53–0.77)
Coventry	1952	0.61 (0.5–0.72)
Coventry	1953	0.61 (0.51–0.73)
Coventry	1954	0.58 (0.48–0.69)
Coventry	1955	0.58 (0.49–0.69)
Coventry	1956	0.58 (0.48–0.69)
Coventry	1957	0.59 (0.5–0.7)
Coventry	1958	0.59 (0.49–0.69)
Coventry	1959	0.59 (0.5–0.7)
Coventry	1960	0.61 (0.51–0.72)
Coventry	1961	0.62 (0.52–0.74)
Coventry	1962	0.65 (0.54–0.78)
Coventry	1963	0.66 (0.55–0.79)
Coventry	1964	0.65 (0.54–0.78)
Coventry	1965	0.64 (0.52–0.77)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Coventry	1966	0.67 (0.55–0.79)
Coventry	1967	0.66 (0.54–0.79)
Coventry	1968	0.7 (0.57–0.83)
Coventry	1969	0.72 (0.59–0.86)
Coventry	1970	0.75 (0.63–0.89)
Coventry	1971	0.79 (0.66–0.93)
Coventry	1972	0.8 (0.68–0.93)
Coventry	1973	0.81 (0.7–0.93)
Coventry	1974	0.83 (0.72–0.95)
Coventry	1975	0.84 (0.73–0.95)
Coventry	1976	0.82 (0.72–0.93)
Coventry	1977	0.85 (0.76–0.95)
Coventry	1978	0.91 (0.82–1.0)
Coventry	1979	0.94 (0.86–1.02)
Coventry	1980	0.93 (0.86–0.99)
Coventry	1981	0.89 (0.83–0.94)
Coventry	1982	0.95 (0.9–1.01)
Coventry	1983	0.97 (0.92–1.03)
Coventry	1984	0.96 (0.91–1.02)
Coventry	1985	0.96 (0.91–1.02)
Coventry	1986	0.98 (0.92–1.04)
Coventry	1987	0.99 (0.94–1.05)
Coventry	1988	1.05 (1.0–1.11)
Coventry	1989	1.05 (0.99–1.1)
Coventry	1990	1.07 (1.02–1.13)
Coventry	1991	1.02 (0.95–1.1)
Coventry	1992	0.95 (0.89–1.01)
Coventry	1993	0.93 (0.86–1.0)
Coventry	1994	0.94 (0.87–1.01)
Coventry	1995	0.95 (0.87–1.02)
Coventry	1996	0.98 (0.9–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Coventry	1997	0.98 (0.91–1.05)
Coventry	1998	0.96 (0.89–1.03)
Coventry	1999	1.0 (0.93–1.08)
Coventry	2000	1.0 (0.92–1.1)
Coventry	2001	0.99 (0.93–1.06)
Coventry	2002	1.0 (0.94–1.08)
Coventry	2003	1.08 (0.99–1.17)
Coventry	2004	1.04 (0.96–1.13)
Coventry	2005	1.03 (0.95–1.12)
Coventry	2006	1.04 (0.96–1.13)
Coventry	2007	1.04 (0.96–1.12)
Coventry	2008	1.05 (0.97–1.12)
Coventry	2009	1.01 (0.93–1.08)
Coventry	2010	0.97 (0.9–1.04)
Coventry	2011	0.98 (0.91–1.06)
Coventry	2012	0.97 (0.9–1.05)
Coventry	2013	0.96 (0.91–1.02)
Coventry	2014	0.99 (0.91–1.08)
Coventry	2015	1.05 (0.95–1.15)
Coventry	2016	1.09 (0.98–1.2)
Coventry	2017	1.09 (0.93–1.26)
Dudley	1950	0.55 (0.46–0.66)
Dudley	1951	0.64 (0.53–0.77)
Dudley	1952	0.6 (0.5–0.72)
Dudley	1953	0.61 (0.5–0.73)
Dudley	1954	0.58 (0.48–0.69)
Dudley	1955	0.58 (0.49–0.69)
Dudley	1956	0.58 (0.48–0.68)
Dudley	1957	0.59 (0.5–0.7)
Dudley	1958	0.58 (0.49–0.69)
Dudley	1959	0.59 (0.5–0.7)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Dudley	1960	0.61 (0.51–0.72)
Dudley	1961	0.62 (0.52–0.74)
Dudley	1962	0.65 (0.53–0.78)
Dudley	1963	0.66 (0.55–0.79)
Dudley	1964	0.65 (0.53–0.78)
Dudley	1965	0.64 (0.52–0.77)
Dudley	1966	0.67 (0.54–0.79)
Dudley	1967	0.66 (0.54–0.79)
Dudley	1968	0.7 (0.57–0.83)
Dudley	1969	0.72 (0.59–0.86)
Dudley	1970	0.75 (0.62–0.89)
Dudley	1971	0.79 (0.65–0.93)
Dudley	1972	0.8 (0.68–0.93)
Dudley	1973	0.81 (0.7–0.93)
Dudley	1974	0.83 (0.72–0.95)
Dudley	1975	0.84 (0.73–0.95)
Dudley	1976	0.82 (0.71–0.93)
Dudley	1977	0.85 (0.76–0.95)
Dudley	1978	0.91 (0.82–1.0)
Dudley	1979	0.94 (0.86–1.02)
Dudley	1980	0.93 (0.86–0.99)
Dudley	1981	0.89 (0.83–0.94)
Dudley	1982	0.95 (0.9–1.01)
Dudley	1983	0.97 (0.92–1.03)
Dudley	1984	0.96 (0.91–1.02)
Dudley	1985	0.96 (0.91–1.02)
Dudley	1986	0.98 (0.92–1.04)
Dudley	1987	0.99 (0.94–1.05)
Dudley	1988	1.05 (1.0–1.11)
Dudley	1989	1.05 (0.99–1.1)
Dudley	1990	1.07 (1.02–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Dudley	1991	1.02 (0.95–1.1)
Dudley	1992	0.95 (0.89–1.01)
Dudley	1993	0.93 (0.86–1.0)
Dudley	1994	0.94 (0.87–1.01)
Dudley	1995	0.95 (0.87–1.02)
Dudley	1996	0.98 (0.9–1.05)
Dudley	1997	0.98 (0.91–1.05)
Dudley	1998	0.96 (0.89–1.03)
Dudley	1999	1.0 (0.93–1.08)
Dudley	2000	1.0 (0.92–1.1)
Dudley	2001	0.99 (0.93–1.06)
Dudley	2002	1.0 (0.94–1.08)
Dudley	2003	1.08 (0.99–1.17)
Dudley	2004	1.04 (0.96–1.13)
Dudley	2005	1.03 (0.95–1.12)
Dudley	2006	1.04 (0.96–1.13)
Dudley	2007	1.04 (0.96–1.12)
Dudley	2008	1.05 (0.97–1.12)
Dudley	2009	1.01 (0.93–1.08)
Dudley	2010	0.97 (0.9–1.04)
Dudley	2011	0.98 (0.91–1.06)
Dudley	2012	0.97 (0.9–1.05)
Dudley	2013	0.96 (0.91–1.02)
Dudley	2014	0.99 (0.91–1.08)
Dudley	2015	1.05 (0.95–1.15)
Dudley	2016	1.09 (0.98–1.2)
Dudley	2017	1.09 (0.93–1.26)
Herefordshire, County of	1950	0.55 (0.46–0.66)
Herefordshire, County of	1951	0.64 (0.53–0.77)
Herefordshire, County of	1952	0.61 (0.5–0.72)
Herefordshire, County of	1953	0.61 (0.51–0.73)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Herefordshire, County of	1954	0.58 (0.48–0.69)
Herefordshire, County of	1955	0.58 (0.49–0.69)
Herefordshire, County of	1956	0.58 (0.48–0.69)
Herefordshire, County of	1957	0.59 (0.5–0.7)
Herefordshire, County of	1958	0.59 (0.49–0.69)
Herefordshire, County of	1959	0.59 (0.5–0.7)
Herefordshire, County of	1960	0.61 (0.51–0.72)
Herefordshire, County of	1961	0.62 (0.52–0.74)
Herefordshire, County of	1962	0.65 (0.54–0.78)
Herefordshire, County of	1963	0.66 (0.55–0.79)
Herefordshire, County of	1964	0.65 (0.53–0.78)
Herefordshire, County of	1965	0.64 (0.52–0.77)
Herefordshire, County of	1966	0.67 (0.55–0.79)
Herefordshire, County of	1967	0.66 (0.54–0.79)
Herefordshire, County of	1968	0.7 (0.57–0.83)
Herefordshire, County of	1969	0.72 (0.59–0.86)
Herefordshire, County of	1970	0.75 (0.62–0.89)
Herefordshire, County of	1971	0.79 (0.66–0.93)
Herefordshire, County of	1972	0.8 (0.68–0.93)
Herefordshire, County of	1973	0.81 (0.7–0.93)
Herefordshire, County of	1974	0.83 (0.72–0.95)
Herefordshire, County of	1975	0.84 (0.73–0.95)
Herefordshire, County of	1976	0.82 (0.72–0.93)
Herefordshire, County of	1977	0.85 (0.76–0.95)
Herefordshire, County of	1978	0.91 (0.82–1.0)
Herefordshire, County of	1979	0.94 (0.86–1.02)
Herefordshire, County of	1980	0.93 (0.86–0.99)
Herefordshire, County of	1981	0.89 (0.83–0.94)
Herefordshire, County of	1982	0.95 (0.9–1.01)
Herefordshire, County of	1983	0.97 (0.92–1.03)
Herefordshire, County of	1984	0.96 (0.91–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Herefordshire, County of	1985	0.96 (0.91–1.02)
Herefordshire, County of	1986	0.98 (0.92–1.04)
Herefordshire, County of	1987	0.99 (0.94–1.05)
Herefordshire, County of	1988	1.05 (1.0–1.11)
Herefordshire, County of	1989	1.05 (0.99–1.1)
Herefordshire, County of	1990	1.07 (1.02–1.13)
Herefordshire, County of	1991	1.02 (0.95–1.1)
Herefordshire, County of	1992	0.95 (0.89–1.01)
Herefordshire, County of	1993	0.93 (0.86–1.0)
Herefordshire, County of	1994	0.94 (0.87–1.01)
Herefordshire, County of	1995	0.95 (0.87–1.02)
Herefordshire, County of	1996	0.98 (0.9–1.05)
Herefordshire, County of	1997	0.98 (0.91–1.05)
Herefordshire, County of	1998	0.96 (0.89–1.03)
Herefordshire, County of	1999	1.0 (0.93–1.08)
Herefordshire, County of	2000	1.0 (0.92–1.1)
Herefordshire, County of	2001	0.99 (0.93–1.06)
Herefordshire, County of	2002	1.0 (0.94–1.08)
Herefordshire, County of	2003	1.08 (0.99–1.17)
Herefordshire, County of	2004	1.04 (0.96–1.13)
Herefordshire, County of	2005	1.03 (0.95–1.12)
Herefordshire, County of	2006	1.04 (0.96–1.13)
Herefordshire, County of	2007	1.04 (0.96–1.12)
Herefordshire, County of	2008	1.05 (0.97–1.12)
Herefordshire, County of	2009	1.01 (0.93–1.08)
Herefordshire, County of	2010	0.97 (0.9–1.04)
Herefordshire, County of	2011	0.98 (0.91–1.06)
Herefordshire, County of	2012	0.97 (0.9–1.05)
Herefordshire, County of	2013	0.96 (0.91–1.02)
Herefordshire, County of	2014	0.99 (0.91–1.08)
Herefordshire, County of	2015	1.05 (0.95–1.15)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Herefordshire, County of	2016	1.09 (0.98–1.2)
Herefordshire, County of	2017	1.09 (0.93–1.26)
Sandwell	1950	0.55 (0.46–0.66)
Sandwell	1951	0.65 (0.53–0.77)
Sandwell	1952	0.61 (0.5–0.72)
Sandwell	1953	0.61 (0.51–0.73)
Sandwell	1954	0.58 (0.48–0.69)
Sandwell	1955	0.58 (0.49–0.69)
Sandwell	1956	0.58 (0.48–0.69)
Sandwell	1957	0.59 (0.5–0.7)
Sandwell	1958	0.59 (0.49–0.69)
Sandwell	1959	0.59 (0.5–0.7)
Sandwell	1960	0.61 (0.51–0.72)
Sandwell	1961	0.63 (0.52–0.74)
Sandwell	1962	0.65 (0.54–0.78)
Sandwell	1963	0.66 (0.55–0.79)
Sandwell	1964	0.65 (0.54–0.78)
Sandwell	1965	0.64 (0.52–0.77)
Sandwell	1966	0.67 (0.55–0.79)
Sandwell	1967	0.66 (0.54–0.79)
Sandwell	1968	0.7 (0.57–0.83)
Sandwell	1969	0.72 (0.59–0.86)
Sandwell	1970	0.75 (0.62–0.89)
Sandwell	1971	0.79 (0.66–0.93)
Sandwell	1972	0.8 (0.68–0.93)
Sandwell	1973	0.81 (0.7–0.93)
Sandwell	1974	0.83 (0.72–0.95)
Sandwell	1975	0.84 (0.73–0.95)
Sandwell	1976	0.82 (0.72–0.93)
Sandwell	1977	0.85 (0.76–0.95)
Sandwell	1978	0.91 (0.82–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sandwell	1979	0.94 (0.86–1.02)
Sandwell	1980	0.93 (0.86–0.99)
Sandwell	1981	0.89 (0.83–0.94)
Sandwell	1982	0.95 (0.9–1.01)
Sandwell	1983	0.97 (0.92–1.03)
Sandwell	1984	0.96 (0.91–1.02)
Sandwell	1985	0.96 (0.91–1.02)
Sandwell	1986	0.98 (0.92–1.04)
Sandwell	1987	0.99 (0.94–1.05)
Sandwell	1988	1.05 (1.0–1.11)
Sandwell	1989	1.05 (0.99–1.1)
Sandwell	1990	1.07 (1.02–1.13)
Sandwell	1991	1.02 (0.95–1.1)
Sandwell	1992	0.95 (0.89–1.01)
Sandwell	1993	0.93 (0.86–1.0)
Sandwell	1994	0.94 (0.87–1.01)
Sandwell	1995	0.95 (0.87–1.02)
Sandwell	1996	0.98 (0.9–1.05)
Sandwell	1997	0.98 (0.91–1.05)
Sandwell	1998	0.96 (0.89–1.03)
Sandwell	1999	1.0 (0.93–1.08)
Sandwell	2000	1.0 (0.92–1.1)
Sandwell	2001	0.99 (0.93–1.06)
Sandwell	2002	1.0 (0.94–1.08)
Sandwell	2003	1.08 (0.99–1.17)
Sandwell	2004	1.04 (0.96–1.13)
Sandwell	2005	1.03 (0.95–1.12)
Sandwell	2006	1.04 (0.96–1.13)
Sandwell	2007	1.04 (0.96–1.12)
Sandwell	2008	1.05 (0.97–1.12)
Sandwell	2009	1.01 (0.93–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sandwell	2010	0.97 (0.9–1.04)
Sandwell	2011	0.98 (0.91–1.06)
Sandwell	2012	0.97 (0.9–1.05)
Sandwell	2013	0.96 (0.91–1.02)
Sandwell	2014	0.99 (0.91–1.08)
Sandwell	2015	1.05 (0.95–1.15)
Sandwell	2016	1.09 (0.98–1.2)
Sandwell	2017	1.09 (0.93–1.26)
Shropshire	1950	0.55 (0.46–0.66)
Shropshire	1951	0.64 (0.53–0.77)
Shropshire	1952	0.6 (0.5–0.72)
Shropshire	1953	0.61 (0.5–0.73)
Shropshire	1954	0.58 (0.48–0.69)
Shropshire	1955	0.58 (0.49–0.69)
Shropshire	1956	0.58 (0.48–0.68)
Shropshire	1957	0.59 (0.5–0.7)
Shropshire	1958	0.58 (0.49–0.69)
Shropshire	1959	0.59 (0.5–0.7)
Shropshire	1960	0.61 (0.51–0.72)
Shropshire	1961	0.62 (0.52–0.74)
Shropshire	1962	0.65 (0.53–0.78)
Shropshire	1963	0.66 (0.55–0.79)
Shropshire	1964	0.65 (0.53–0.78)
Shropshire	1965	0.64 (0.52–0.77)
Shropshire	1966	0.67 (0.55–0.79)
Shropshire	1967	0.66 (0.54–0.79)
Shropshire	1968	0.7 (0.57–0.83)
Shropshire	1969	0.72 (0.59–0.86)
Shropshire	1970	0.75 (0.62–0.89)
Shropshire	1971	0.79 (0.65–0.93)
Shropshire	1972	0.8 (0.68–0.93)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Shropshire	1973	0.81 (0.7–0.93)
Shropshire	1974	0.83 (0.72–0.95)
Shropshire	1975	0.84 (0.73–0.95)
Shropshire	1976	0.82 (0.71–0.93)
Shropshire	1977	0.85 (0.76–0.95)
Shropshire	1978	0.91 (0.82–1.0)
Shropshire	1979	0.94 (0.86–1.02)
Shropshire	1980	0.93 (0.86–0.99)
Shropshire	1981	0.89 (0.83–0.94)
Shropshire	1982	0.95 (0.9–1.01)
Shropshire	1983	0.97 (0.92–1.03)
Shropshire	1984	0.96 (0.91–1.02)
Shropshire	1985	0.96 (0.91–1.02)
Shropshire	1986	0.98 (0.92–1.04)
Shropshire	1987	0.99 (0.94–1.05)
Shropshire	1988	1.05 (1.0–1.11)
Shropshire	1989	1.05 (0.99–1.1)
Shropshire	1990	1.07 (1.02–1.13)
Shropshire	1991	1.02 (0.95–1.1)
Shropshire	1992	0.95 (0.89–1.01)
Shropshire	1993	0.93 (0.86–1.0)
Shropshire	1994	0.94 (0.87–1.01)
Shropshire	1995	0.95 (0.87–1.02)
Shropshire	1996	0.98 (0.9–1.05)
Shropshire	1997	0.98 (0.91–1.05)
Shropshire	1998	0.96 (0.89–1.03)
Shropshire	1999	1.0 (0.93–1.08)
Shropshire	2000	1.0 (0.92–1.1)
Shropshire	2001	0.99 (0.93–1.06)
Shropshire	2002	1.0 (0.94–1.08)
Shropshire	2003	1.08 (0.99–1.17)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Shropshire	2004	1.04 (0.96–1.13)
Shropshire	2005	1.03 (0.95–1.12)
Shropshire	2006	1.04 (0.96–1.13)
Shropshire	2007	1.04 (0.96–1.12)
Shropshire	2008	1.05 (0.97–1.12)
Shropshire	2009	1.01 (0.93–1.08)
Shropshire	2010	0.97 (0.9–1.04)
Shropshire	2011	0.98 (0.91–1.06)
Shropshire	2012	0.97 (0.9–1.05)
Shropshire	2013	0.96 (0.91–1.02)
Shropshire	2014	0.99 (0.91–1.08)
Shropshire	2015	1.05 (0.95–1.15)
Shropshire	2016	1.09 (0.98–1.2)
Shropshire	2017	1.09 (0.93–1.26)
Solihull	1950	0.55 (0.46–0.66)
Solihull	1951	0.64 (0.53–0.77)
Solihull	1952	0.61 (0.5–0.72)
Solihull	1953	0.61 (0.5–0.73)
Solihull	1954	0.58 (0.48–0.69)
Solihull	1955	0.58 (0.49–0.69)
Solihull	1956	0.58 (0.48–0.68)
Solihull	1957	0.59 (0.5–0.7)
Solihull	1958	0.58 (0.49–0.69)
Solihull	1959	0.59 (0.5–0.7)
Solihull	1960	0.61 (0.51–0.72)
Solihull	1961	0.62 (0.52–0.74)
Solihull	1962	0.65 (0.54–0.78)
Solihull	1963	0.66 (0.55–0.79)
Solihull	1964	0.65 (0.53–0.78)
Solihull	1965	0.64 (0.52–0.77)
Solihull	1966	0.67 (0.55–0.79)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Solihull	1967	0.66 (0.54–0.79)
Solihull	1968	0.7 (0.57–0.83)
Solihull	1969	0.72 (0.59–0.86)
Solihull	1970	0.75 (0.62–0.89)
Solihull	1971	0.79 (0.65–0.93)
Solihull	1972	0.8 (0.68–0.93)
Solihull	1973	0.81 (0.7–0.93)
Solihull	1974	0.83 (0.72–0.95)
Solihull	1975	0.84 (0.73–0.95)
Solihull	1976	0.82 (0.72–0.93)
Solihull	1977	0.85 (0.76–0.95)
Solihull	1978	0.91 (0.82–1.0)
Solihull	1979	0.94 (0.86–1.02)
Solihull	1980	0.93 (0.86–0.99)
Solihull	1981	0.89 (0.83–0.94)
Solihull	1982	0.95 (0.9–1.01)
Solihull	1983	0.97 (0.92–1.03)
Solihull	1984	0.96 (0.91–1.02)
Solihull	1985	0.96 (0.91–1.02)
Solihull	1986	0.98 (0.92–1.04)
Solihull	1987	0.99 (0.94–1.05)
Solihull	1988	1.05 (1.0–1.11)
Solihull	1989	1.05 (0.99–1.1)
Solihull	1990	1.07 (1.02–1.13)
Solihull	1991	1.02 (0.95–1.1)
Solihull	1992	0.95 (0.89–1.01)
Solihull	1993	0.93 (0.86–1.0)
Solihull	1994	0.94 (0.87–1.01)
Solihull	1995	0.95 (0.87–1.02)
Solihull	1996	0.98 (0.9–1.05)
Solihull	1997	0.98 (0.91–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Solihull	1998	0.96 (0.89–1.03)
Solihull	1999	1.0 (0.93–1.08)
Solihull	2000	1.0 (0.92–1.1)
Solihull	2001	0.99 (0.93–1.06)
Solihull	2002	1.0 (0.94–1.08)
Solihull	2003	1.08 (0.99–1.17)
Solihull	2004	1.04 (0.96–1.13)
Solihull	2005	1.03 (0.95–1.12)
Solihull	2006	1.04 (0.96–1.13)
Solihull	2007	1.04 (0.96–1.12)
Solihull	2008	1.05 (0.97–1.12)
Solihull	2009	1.01 (0.93–1.08)
Solihull	2010	0.97 (0.9–1.04)
Solihull	2011	0.98 (0.91–1.06)
Solihull	2012	0.97 (0.9–1.05)
Solihull	2013	0.96 (0.91–1.02)
Solihull	2014	0.99 (0.91–1.08)
Solihull	2015	1.05 (0.95–1.15)
Solihull	2016	1.09 (0.98–1.2)
Solihull	2017	1.09 (0.93–1.26)
Staffordshire	1950	0.55 (0.46–0.66)
Staffordshire	1951	0.64 (0.53–0.77)
Staffordshire	1952	0.61 (0.5–0.72)
Staffordshire	1953	0.61 (0.5–0.73)
Staffordshire	1954	0.58 (0.48–0.69)
Staffordshire	1955	0.58 (0.49–0.69)
Staffordshire	1956	0.58 (0.48–0.68)
Staffordshire	1957	0.59 (0.5–0.7)
Staffordshire	1958	0.58 (0.49–0.69)
Staffordshire	1959	0.59 (0.5–0.7)
Staffordshire	1960	0.61 (0.51–0.72)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Staffordshire	1961	0.62 (0.52–0.74)
Staffordshire	1962	0.65 (0.54–0.78)
Staffordshire	1963	0.66 (0.55–0.79)
Staffordshire	1964	0.65 (0.53–0.78)
Staffordshire	1965	0.64 (0.52–0.77)
Staffordshire	1966	0.67 (0.55–0.79)
Staffordshire	1967	0.66 (0.54–0.79)
Staffordshire	1968	0.7 (0.57–0.83)
Staffordshire	1969	0.72 (0.59–0.86)
Staffordshire	1970	0.75 (0.62–0.89)
Staffordshire	1971	0.79 (0.66–0.93)
Staffordshire	1972	0.8 (0.68–0.93)
Staffordshire	1973	0.81 (0.7–0.93)
Staffordshire	1974	0.83 (0.72–0.95)
Staffordshire	1975	0.84 (0.73–0.95)
Staffordshire	1976	0.82 (0.72–0.93)
Staffordshire	1977	0.85 (0.76–0.95)
Staffordshire	1978	0.91 (0.82–1.0)
Staffordshire	1979	0.94 (0.86–1.02)
Staffordshire	1980	0.93 (0.86–0.99)
Staffordshire	1981	0.89 (0.83–0.94)
Staffordshire	1982	0.95 (0.9–1.01)
Staffordshire	1983	0.97 (0.92–1.03)
Staffordshire	1984	0.96 (0.91–1.02)
Staffordshire	1985	0.96 (0.91–1.02)
Staffordshire	1986	0.98 (0.92–1.04)
Staffordshire	1987	0.99 (0.94–1.05)
Staffordshire	1988	1.05 (1.0–1.11)
Staffordshire	1989	1.05 (0.99–1.1)
Staffordshire	1990	1.07 (1.02–1.13)
Staffordshire	1991	1.02 (0.95–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Staffordshire	1992	0.95 (0.89–1.01)
Staffordshire	1993	0.93 (0.86–1.0)
Staffordshire	1994	0.94 (0.87–1.01)
Staffordshire	1995	0.95 (0.87–1.02)
Staffordshire	1996	0.98 (0.9–1.05)
Staffordshire	1997	0.98 (0.91–1.05)
Staffordshire	1998	0.96 (0.89–1.03)
Staffordshire	1999	1.0 (0.93–1.08)
Staffordshire	2000	1.0 (0.92–1.1)
Staffordshire	2001	0.99 (0.93–1.06)
Staffordshire	2002	1.0 (0.94–1.08)
Staffordshire	2003	1.08 (0.99–1.17)
Staffordshire	2004	1.04 (0.96–1.13)
Staffordshire	2005	1.03 (0.95–1.12)
Staffordshire	2006	1.04 (0.96–1.13)
Staffordshire	2007	1.04 (0.96–1.12)
Staffordshire	2008	1.05 (0.97–1.12)
Staffordshire	2009	1.01 (0.93–1.08)
Staffordshire	2010	0.97 (0.9–1.04)
Staffordshire	2011	0.98 (0.91–1.06)
Staffordshire	2012	0.97 (0.9–1.05)
Staffordshire	2013	0.96 (0.91–1.02)
Staffordshire	2014	0.99 (0.91–1.08)
Staffordshire	2015	1.05 (0.95–1.15)
Staffordshire	2016	1.09 (0.98–1.2)
Staffordshire	2017	1.09 (0.93–1.26)
Stoke-on-Trent	1950	0.55 (0.46–0.66)
Stoke-on-Trent	1951	0.65 (0.53–0.77)
Stoke-on-Trent	1952	0.61 (0.5–0.72)
Stoke-on-Trent	1953	0.61 (0.51–0.73)
Stoke-on-Trent	1954	0.58 (0.48–0.69)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Stoke-on-Trent	1955	0.58 (0.49–0.69)
Stoke-on-Trent	1956	0.58 (0.48–0.69)
Stoke-on-Trent	1957	0.59 (0.5–0.7)
Stoke-on-Trent	1958	0.59 (0.49–0.69)
Stoke-on-Trent	1959	0.59 (0.5–0.7)
Stoke-on-Trent	1960	0.61 (0.51–0.72)
Stoke-on-Trent	1961	0.62 (0.52–0.74)
Stoke-on-Trent	1962	0.65 (0.54–0.78)
Stoke-on-Trent	1963	0.66 (0.55–0.79)
Stoke-on-Trent	1964	0.65 (0.53–0.78)
Stoke-on-Trent	1965	0.64 (0.52–0.77)
Stoke-on-Trent	1966	0.67 (0.55–0.79)
Stoke-on-Trent	1967	0.66 (0.54–0.79)
Stoke-on-Trent	1968	0.7 (0.57–0.83)
Stoke-on-Trent	1969	0.72 (0.59–0.86)
Stoke-on-Trent	1970	0.75 (0.63–0.89)
Stoke-on-Trent	1971	0.79 (0.66–0.93)
Stoke-on-Trent	1972	0.8 (0.68–0.93)
Stoke-on-Trent	1973	0.81 (0.7–0.93)
Stoke-on-Trent	1974	0.83 (0.72–0.95)
Stoke-on-Trent	1975	0.84 (0.73–0.95)
Stoke-on-Trent	1976	0.82 (0.72–0.93)
Stoke-on-Trent	1977	0.85 (0.76–0.95)
Stoke-on-Trent	1978	0.91 (0.82–1.0)
Stoke-on-Trent	1979	0.94 (0.86–1.02)
Stoke-on-Trent	1980	0.93 (0.86–0.99)
Stoke-on-Trent	1981	0.89 (0.83–0.94)
Stoke-on-Trent	1982	0.95 (0.9–1.01)
Stoke-on-Trent	1983	0.97 (0.92–1.03)
Stoke-on-Trent	1984	0.96 (0.91–1.02)
Stoke-on-Trent	1985	0.96 (0.91–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Stoke-on-Trent	1986	0.98 (0.92–1.04)
Stoke-on-Trent	1987	0.99 (0.94–1.05)
Stoke-on-Trent	1988	1.05 (1.0–1.11)
Stoke-on-Trent	1989	1.05 (0.99–1.1)
Stoke-on-Trent	1990	1.07 (1.02–1.13)
Stoke-on-Trent	1991	1.02 (0.95–1.1)
Stoke-on-Trent	1992	0.95 (0.89–1.01)
Stoke-on-Trent	1993	0.93 (0.86–1.0)
Stoke-on-Trent	1994	0.94 (0.87–1.01)
Stoke-on-Trent	1995	0.95 (0.87–1.02)
Stoke-on-Trent	1996	0.98 (0.9–1.05)
Stoke-on-Trent	1997	0.98 (0.91–1.05)
Stoke-on-Trent	1998	0.96 (0.89–1.03)
Stoke-on-Trent	1999	1.0 (0.93–1.08)
Stoke-on-Trent	2000	1.0 (0.92–1.1)
Stoke-on-Trent	2001	0.99 (0.93–1.06)
Stoke-on-Trent	2002	1.0 (0.94–1.08)
Stoke-on-Trent	2003	1.08 (0.99–1.17)
Stoke-on-Trent	2004	1.04 (0.96–1.13)
Stoke-on-Trent	2005	1.03 (0.95–1.12)
Stoke-on-Trent	2006	1.04 (0.96–1.13)
Stoke-on-Trent	2007	1.04 (0.96–1.12)
Stoke-on-Trent	2008	1.05 (0.97–1.12)
Stoke-on-Trent	2009	1.01 (0.93–1.08)
Stoke-on-Trent	2010	0.97 (0.9–1.04)
Stoke-on-Trent	2011	0.98 (0.91–1.06)
Stoke-on-Trent	2012	0.97 (0.9–1.05)
Stoke-on-Trent	2013	0.96 (0.91–1.02)
Stoke-on-Trent	2014	0.99 (0.91–1.08)
Stoke-on-Trent	2015	1.05 (0.95–1.15)
Stoke-on-Trent	2016	1.09 (0.98–1.2)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Stoke-on-Trent	2017	1.09 (0.93–1.26)
Telford and Wrekin	1950	0.55 (0.46–0.66)
Telford and Wrekin	1951	0.64 (0.53–0.77)
Telford and Wrekin	1952	0.61 (0.5–0.72)
Telford and Wrekin	1953	0.61 (0.51–0.73)
Telford and Wrekin	1954	0.58 (0.48–0.69)
Telford and Wrekin	1955	0.58 (0.49–0.69)
Telford and Wrekin	1956	0.58 (0.48–0.69)
Telford and Wrekin	1957	0.59 (0.5–0.7)
Telford and Wrekin	1958	0.59 (0.49–0.69)
Telford and Wrekin	1959	0.59 (0.5–0.7)
Telford and Wrekin	1960	0.61 (0.51–0.72)
Telford and Wrekin	1961	0.62 (0.52–0.74)
Telford and Wrekin	1962	0.65 (0.54–0.78)
Telford and Wrekin	1963	0.66 (0.55–0.79)
Telford and Wrekin	1964	0.65 (0.53–0.78)
Telford and Wrekin	1965	0.64 (0.52–0.77)
Telford and Wrekin	1966	0.67 (0.55–0.79)
Telford and Wrekin	1967	0.66 (0.54–0.79)
Telford and Wrekin	1968	0.7 (0.57–0.83)
Telford and Wrekin	1969	0.72 (0.59–0.86)
Telford and Wrekin	1970	0.75 (0.62–0.89)
Telford and Wrekin	1971	0.79 (0.66–0.93)
Telford and Wrekin	1972	0.8 (0.68–0.93)
Telford and Wrekin	1973	0.81 (0.7–0.93)
Telford and Wrekin	1974	0.83 (0.72–0.95)
Telford and Wrekin	1975	0.84 (0.73–0.95)
Telford and Wrekin	1976	0.82 (0.72–0.93)
Telford and Wrekin	1977	0.85 (0.76–0.95)
Telford and Wrekin	1978	0.91 (0.82–1.0)
Telford and Wrekin	1979	0.94 (0.86–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Telford and Wrekin	1980	0.93 (0.86–0.99)
Telford and Wrekin	1981	0.89 (0.83–0.94)
Telford and Wrekin	1982	0.95 (0.9–1.01)
Telford and Wrekin	1983	0.97 (0.92–1.03)
Telford and Wrekin	1984	0.96 (0.91–1.02)
Telford and Wrekin	1985	0.96 (0.91–1.02)
Telford and Wrekin	1986	0.98 (0.92–1.04)
Telford and Wrekin	1987	0.99 (0.94–1.05)
Telford and Wrekin	1988	1.05 (1.0–1.11)
Telford and Wrekin	1989	1.05 (0.99–1.1)
Telford and Wrekin	1990	1.07 (1.02–1.13)
Telford and Wrekin	1991	1.02 (0.95–1.1)
Telford and Wrekin	1992	0.95 (0.89–1.01)
Telford and Wrekin	1993	0.93 (0.86–1.0)
Telford and Wrekin	1994	0.94 (0.87–1.01)
Telford and Wrekin	1995	0.95 (0.87–1.02)
Telford and Wrekin	1996	0.98 (0.9–1.05)
Telford and Wrekin	1997	0.98 (0.91–1.05)
Telford and Wrekin	1998	0.96 (0.89–1.03)
Telford and Wrekin	1999	1.0 (0.93–1.08)
Telford and Wrekin	2000	1.0 (0.92–1.1)
Telford and Wrekin	2001	0.99 (0.93–1.06)
Telford and Wrekin	2002	1.0 (0.94–1.08)
Telford and Wrekin	2003	1.08 (0.99–1.17)
Telford and Wrekin	2004	1.04 (0.96–1.13)
Telford and Wrekin	2005	1.03 (0.95–1.12)
Telford and Wrekin	2006	1.04 (0.96–1.13)
Telford and Wrekin	2007	1.04 (0.96–1.12)
Telford and Wrekin	2008	1.05 (0.97–1.12)
Telford and Wrekin	2009	1.01 (0.93–1.08)
Telford and Wrekin	2010	0.97 (0.9–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Telford and Wrekin	2011	0.98 (0.91–1.06)
Telford and Wrekin	2012	0.97 (0.9–1.05)
Telford and Wrekin	2013	0.96 (0.91–1.02)
Telford and Wrekin	2014	0.99 (0.91–1.08)
Telford and Wrekin	2015	1.05 (0.95–1.15)
Telford and Wrekin	2016	1.09 (0.98–1.2)
Telford and Wrekin	2017	1.09 (0.93–1.26)
Walsall	1950	0.55 (0.46–0.66)
Walsall	1951	0.65 (0.53–0.77)
Walsall	1952	0.61 (0.5–0.72)
Walsall	1953	0.61 (0.51–0.73)
Walsall	1954	0.58 (0.48–0.69)
Walsall	1955	0.58 (0.49–0.69)
Walsall	1956	0.58 (0.48–0.69)
Walsall	1957	0.59 (0.5–0.7)
Walsall	1958	0.59 (0.49–0.69)
Walsall	1959	0.59 (0.5–0.7)
Walsall	1960	0.61 (0.51–0.72)
Walsall	1961	0.62 (0.52–0.74)
Walsall	1962	0.65 (0.54–0.78)
Walsall	1963	0.66 (0.55–0.79)
Walsall	1964	0.65 (0.53–0.78)
Walsall	1965	0.64 (0.52–0.77)
Walsall	1966	0.67 (0.55–0.79)
Walsall	1967	0.66 (0.54–0.79)
Walsall	1968	0.7 (0.57–0.83)
Walsall	1969	0.72 (0.59–0.86)
Walsall	1970	0.75 (0.62–0.89)
Walsall	1971	0.79 (0.66–0.93)
Walsall	1972	0.8 (0.68–0.93)
Walsall	1973	0.81 (0.7–0.93)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Walsall	1974	0.83 (0.72–0.95)
Walsall	1975	0.84 (0.73–0.95)
Walsall	1976	0.82 (0.72–0.93)
Walsall	1977	0.85 (0.76–0.95)
Walsall	1978	0.91 (0.82–1.0)
Walsall	1979	0.94 (0.86–1.02)
Walsall	1980	0.93 (0.86–0.99)
Walsall	1981	0.89 (0.83–0.94)
Walsall	1982	0.95 (0.9–1.01)
Walsall	1983	0.97 (0.92–1.03)
Walsall	1984	0.96 (0.91–1.02)
Walsall	1985	0.96 (0.91–1.02)
Walsall	1986	0.98 (0.92–1.04)
Walsall	1987	0.99 (0.94–1.05)
Walsall	1988	1.05 (1.0–1.11)
Walsall	1989	1.05 (0.99–1.1)
Walsall	1990	1.07 (1.02–1.13)
Walsall	1991	1.02 (0.95–1.1)
Walsall	1992	0.95 (0.89–1.01)
Walsall	1993	0.93 (0.86–1.0)
Walsall	1994	0.94 (0.87–1.01)
Walsall	1995	0.95 (0.87–1.02)
Walsall	1996	0.98 (0.9–1.05)
Walsall	1997	0.98 (0.91–1.05)
Walsall	1998	0.96 (0.89–1.03)
Walsall	1999	1.0 (0.93–1.08)
Walsall	2000	1.0 (0.92–1.1)
Walsall	2001	0.99 (0.93–1.06)
Walsall	2002	1.0 (0.94–1.08)
Walsall	2003	1.08 (0.99–1.17)
Walsall	2004	1.04 (0.96–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Walsall	2005	1.03 (0.95–1.12)
Walsall	2006	1.04 (0.96–1.13)
Walsall	2007	1.04 (0.96–1.12)
Walsall	2008	1.05 (0.97–1.12)
Walsall	2009	1.01 (0.93–1.08)
Walsall	2010	0.97 (0.9–1.04)
Walsall	2011	0.98 (0.91–1.06)
Walsall	2012	0.97 (0.9–1.05)
Walsall	2013	0.96 (0.91–1.02)
Walsall	2014	0.99 (0.91–1.08)
Walsall	2015	1.05 (0.95–1.15)
Walsall	2016	1.09 (0.98–1.2)
Walsall	2017	1.09 (0.93–1.26)
Warwickshire	1950	0.55 (0.46–0.66)
Warwickshire	1951	0.64 (0.53–0.77)
Warwickshire	1952	0.6 (0.5–0.72)
Warwickshire	1953	0.61 (0.5–0.73)
Warwickshire	1954	0.58 (0.48–0.69)
Warwickshire	1955	0.58 (0.49–0.69)
Warwickshire	1956	0.58 (0.48–0.68)
Warwickshire	1957	0.59 (0.5–0.7)
Warwickshire	1958	0.58 (0.49–0.69)
Warwickshire	1959	0.59 (0.5–0.7)
Warwickshire	1960	0.61 (0.51–0.72)
Warwickshire	1961	0.62 (0.52–0.74)
Warwickshire	1962	0.65 (0.53–0.78)
Warwickshire	1963	0.66 (0.55–0.79)
Warwickshire	1964	0.65 (0.53–0.78)
Warwickshire	1965	0.64 (0.52–0.77)
Warwickshire	1966	0.67 (0.54–0.79)
Warwickshire	1967	0.66 (0.54–0.79)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Warwickshire	1968	0.7 (0.57–0.83)
Warwickshire	1969	0.72 (0.59–0.86)
Warwickshire	1970	0.75 (0.62–0.89)
Warwickshire	1971	0.79 (0.65–0.93)
Warwickshire	1972	0.8 (0.68–0.93)
Warwickshire	1973	0.81 (0.7–0.93)
Warwickshire	1974	0.83 (0.72–0.95)
Warwickshire	1975	0.84 (0.73–0.95)
Warwickshire	1976	0.82 (0.71–0.93)
Warwickshire	1977	0.85 (0.76–0.95)
Warwickshire	1978	0.91 (0.82–1.0)
Warwickshire	1979	0.94 (0.86–1.02)
Warwickshire	1980	0.93 (0.86–0.99)
Warwickshire	1981	0.89 (0.83–0.94)
Warwickshire	1982	0.95 (0.9–1.01)
Warwickshire	1983	0.97 (0.92–1.03)
Warwickshire	1984	0.96 (0.91–1.02)
Warwickshire	1985	0.96 (0.91–1.02)
Warwickshire	1986	0.98 (0.92–1.04)
Warwickshire	1987	0.99 (0.94–1.05)
Warwickshire	1988	1.05 (1.0–1.11)
Warwickshire	1989	1.05 (0.99–1.1)
Warwickshire	1990	1.07 (1.02–1.13)
Warwickshire	1991	1.02 (0.95–1.1)
Warwickshire	1992	0.95 (0.89–1.01)
Warwickshire	1993	0.93 (0.86–1.0)
Warwickshire	1994	0.94 (0.87–1.01)
Warwickshire	1995	0.95 (0.87–1.02)
Warwickshire	1996	0.98 (0.9–1.05)
Warwickshire	1997	0.98 (0.91–1.05)
Warwickshire	1998	0.96 (0.89–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Warwickshire	1999	1.0 (0.93–1.08)
Warwickshire	2000	1.0 (0.92–1.1)
Warwickshire	2001	0.99 (0.93–1.06)
Warwickshire	2002	1.0 (0.94–1.08)
Warwickshire	2003	1.08 (0.99–1.17)
Warwickshire	2004	1.04 (0.96–1.13)
Warwickshire	2005	1.03 (0.95–1.12)
Warwickshire	2006	1.04 (0.96–1.13)
Warwickshire	2007	1.04 (0.96–1.12)
Warwickshire	2008	1.05 (0.97–1.12)
Warwickshire	2009	1.01 (0.93–1.08)
Warwickshire	2010	0.97 (0.9–1.04)
Warwickshire	2011	0.98 (0.91–1.06)
Warwickshire	2012	0.97 (0.9–1.05)
Warwickshire	2013	0.96 (0.91–1.02)
Warwickshire	2014	0.99 (0.91–1.08)
Warwickshire	2015	1.05 (0.95–1.15)
Warwickshire	2016	1.09 (0.98–1.2)
Warwickshire	2017	1.09 (0.93–1.26)
Wolverhampton	1950	0.55 (0.46–0.66)
Wolverhampton	1951	0.64 (0.53–0.77)
Wolverhampton	1952	0.61 (0.5–0.72)
Wolverhampton	1953	0.61 (0.51–0.73)
Wolverhampton	1954	0.58 (0.48–0.69)
Wolverhampton	1955	0.58 (0.49–0.69)
Wolverhampton	1956	0.58 (0.48–0.69)
Wolverhampton	1957	0.59 (0.5–0.7)
Wolverhampton	1958	0.59 (0.49–0.69)
Wolverhampton	1959	0.59 (0.5–0.7)
Wolverhampton	1960	0.61 (0.51–0.72)
Wolverhampton	1961	0.62 (0.52–0.74)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wolverhampton	1962	0.65 (0.54–0.78)
Wolverhampton	1963	0.66 (0.55–0.79)
Wolverhampton	1964	0.65 (0.53–0.78)
Wolverhampton	1965	0.64 (0.52–0.77)
Wolverhampton	1966	0.67 (0.55–0.79)
Wolverhampton	1967	0.66 (0.54–0.79)
Wolverhampton	1968	0.7 (0.57–0.83)
Wolverhampton	1969	0.72 (0.59–0.86)
Wolverhampton	1970	0.75 (0.62–0.89)
Wolverhampton	1971	0.79 (0.65–0.93)
Wolverhampton	1972	0.8 (0.68–0.93)
Wolverhampton	1973	0.81 (0.7–0.93)
Wolverhampton	1974	0.83 (0.72–0.95)
Wolverhampton	1975	0.84 (0.73–0.95)
Wolverhampton	1976	0.82 (0.72–0.93)
Wolverhampton	1977	0.85 (0.76–0.95)
Wolverhampton	1978	0.91 (0.82–1.0)
Wolverhampton	1979	0.94 (0.86–1.02)
Wolverhampton	1980	0.93 (0.86–0.99)
Wolverhampton	1981	0.89 (0.83–0.94)
Wolverhampton	1982	0.95 (0.9–1.01)
Wolverhampton	1983	0.97 (0.92–1.03)
Wolverhampton	1984	0.96 (0.91–1.02)
Wolverhampton	1985	0.96 (0.91–1.02)
Wolverhampton	1986	0.98 (0.92–1.04)
Wolverhampton	1987	0.99 (0.94–1.05)
Wolverhampton	1988	1.05 (1.0–1.11)
Wolverhampton	1989	1.05 (0.99–1.1)
Wolverhampton	1990	1.07 (1.02–1.13)
Wolverhampton	1991	1.02 (0.95–1.1)
Wolverhampton	1992	0.95 (0.89–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wolverhampton	1993	0.93 (0.86–1.0)
Wolverhampton	1994	0.94 (0.87–1.01)
Wolverhampton	1995	0.95 (0.87–1.02)
Wolverhampton	1996	0.98 (0.9–1.05)
Wolverhampton	1997	0.98 (0.91–1.05)
Wolverhampton	1998	0.96 (0.89–1.03)
Wolverhampton	1999	1.0 (0.93–1.08)
Wolverhampton	2000	1.0 (0.92–1.1)
Wolverhampton	2001	0.99 (0.93–1.06)
Wolverhampton	2002	1.0 (0.94–1.08)
Wolverhampton	2003	1.08 (0.99–1.17)
Wolverhampton	2004	1.04 (0.96–1.13)
Wolverhampton	2005	1.03 (0.95–1.12)
Wolverhampton	2006	1.04 (0.96–1.13)
Wolverhampton	2007	1.04 (0.96–1.12)
Wolverhampton	2008	1.05 (0.97–1.12)
Wolverhampton	2009	1.01 (0.93–1.08)
Wolverhampton	2010	0.97 (0.9–1.04)
Wolverhampton	2011	0.98 (0.91–1.06)
Wolverhampton	2012	0.97 (0.9–1.05)
Wolverhampton	2013	0.96 (0.91–1.02)
Wolverhampton	2014	0.99 (0.91–1.08)
Wolverhampton	2015	1.05 (0.95–1.15)
Wolverhampton	2016	1.09 (0.98–1.2)
Wolverhampton	2017	1.09 (0.93–1.26)
Worcestershire	1950	0.55 (0.46–0.66)
Worcestershire	1951	0.64 (0.53–0.77)
Worcestershire	1952	0.6 (0.5–0.72)
Worcestershire	1953	0.61 (0.5–0.73)
Worcestershire	1954	0.58 (0.48–0.69)
Worcestershire	1955	0.58 (0.49–0.69)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Worcestershire	1956	0.58 (0.48–0.68)
Worcestershire	1957	0.59 (0.5–0.7)
Worcestershire	1958	0.58 (0.49–0.69)
Worcestershire	1959	0.59 (0.5–0.7)
Worcestershire	1960	0.61 (0.51–0.72)
Worcestershire	1961	0.62 (0.52–0.74)
Worcestershire	1962	0.65 (0.53–0.78)
Worcestershire	1963	0.66 (0.55–0.79)
Worcestershire	1964	0.65 (0.53–0.78)
Worcestershire	1965	0.64 (0.52–0.77)
Worcestershire	1966	0.67 (0.54–0.79)
Worcestershire	1967	0.66 (0.54–0.79)
Worcestershire	1968	0.7 (0.57–0.83)
Worcestershire	1969	0.72 (0.59–0.86)
Worcestershire	1970	0.75 (0.62–0.89)
Worcestershire	1971	0.79 (0.65–0.93)
Worcestershire	1972	0.8 (0.68–0.93)
Worcestershire	1973	0.81 (0.7–0.93)
Worcestershire	1974	0.83 (0.72–0.95)
Worcestershire	1975	0.84 (0.73–0.95)
Worcestershire	1976	0.82 (0.71–0.93)
Worcestershire	1977	0.85 (0.76–0.95)
Worcestershire	1978	0.91 (0.82–1.0)
Worcestershire	1979	0.94 (0.86–1.02)
Worcestershire	1980	0.93 (0.86–0.99)
Worcestershire	1981	0.89 (0.83–0.94)
Worcestershire	1982	0.95 (0.9–1.01)
Worcestershire	1983	0.97 (0.92–1.03)
Worcestershire	1984	0.96 (0.91–1.02)
Worcestershire	1985	0.96 (0.91–1.02)
Worcestershire	1986	0.98 (0.92–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Worcestershire	1987	0.99 (0.94–1.05)
Worcestershire	1988	1.05 (1.0–1.11)
Worcestershire	1989	1.05 (0.99–1.1)
Worcestershire	1990	1.07 (1.02–1.13)
Worcestershire	1991	1.02 (0.95–1.1)
Worcestershire	1992	0.95 (0.89–1.01)
Worcestershire	1993	0.93 (0.86–1.0)
Worcestershire	1994	0.94 (0.87–1.01)
Worcestershire	1995	0.95 (0.87–1.02)
Worcestershire	1996	0.98 (0.9–1.05)
Worcestershire	1997	0.98 (0.91–1.05)
Worcestershire	1998	0.96 (0.89–1.03)
Worcestershire	1999	1.0 (0.93–1.08)
Worcestershire	2000	1.0 (0.92–1.1)
Worcestershire	2001	0.99 (0.93–1.06)
Worcestershire	2002	1.0 (0.94–1.08)
Worcestershire	2003	1.08 (0.99–1.17)
Worcestershire	2004	1.04 (0.96–1.13)
Worcestershire	2005	1.03 (0.95–1.12)
Worcestershire	2006	1.04 (0.96–1.13)
Worcestershire	2007	1.04 (0.96–1.12)
Worcestershire	2008	1.05 (0.97–1.12)
Worcestershire	2009	1.01 (0.93–1.08)
Worcestershire	2010	0.97 (0.9–1.04)
Worcestershire	2011	0.98 (0.91–1.06)
Worcestershire	2012	0.97 (0.9–1.05)
Worcestershire	2013	0.96 (0.91–1.02)
Worcestershire	2014	0.99 (0.91–1.08)
Worcestershire	2015	1.05 (0.95–1.15)
Worcestershire	2016	1.09 (0.98–1.2)
Worcestershire	2017	1.09 (0.93–1.26)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Yorkshire and the Humber	1950	0.9 (0.74–1.08)
Yorkshire and the Humber	1951	1.04 (0.85–1.25)
Yorkshire and the Humber	1952	0.97 (0.8–1.17)
Yorkshire and the Humber	1953	0.98 (0.81–1.17)
Yorkshire and the Humber	1954	0.91 (0.75–1.1)
Yorkshire and the Humber	1955	0.91 (0.74–1.11)
Yorkshire and the Humber	1956	0.89 (0.73–1.09)
Yorkshire and the Humber	1957	0.9 (0.73–1.1)
Yorkshire and the Humber	1958	0.88 (0.71–1.07)
Yorkshire and the Humber	1959	0.87 (0.71–1.06)
Yorkshire and the Humber	1960	0.88 (0.71–1.06)
Yorkshire and the Humber	1961	0.89 (0.72–1.07)
Yorkshire and the Humber	1962	0.91 (0.74–1.09)
Yorkshire and the Humber	1963	0.91 (0.75–1.09)
Yorkshire and the Humber	1964	0.88 (0.72–1.05)
Yorkshire and the Humber	1965	0.85 (0.69–1.02)
Yorkshire and the Humber	1966	0.87 (0.71–1.04)
Yorkshire and the Humber	1967	0.85 (0.69–1.02)
Yorkshire and the Humber	1968	0.88 (0.72–1.05)
Yorkshire and the Humber	1969	0.89 (0.73–1.06)
Yorkshire and the Humber	1970	0.91 (0.76–1.08)
Yorkshire and the Humber	1971	0.93 (0.78–1.1)
Yorkshire and the Humber	1972	0.93 (0.78–1.11)
Yorkshire and the Humber	1973	0.93 (0.78–1.12)
Yorkshire and the Humber	1974	0.94 (0.79–1.11)
Yorkshire and the Humber	1975	0.93 (0.79–1.1)
Yorkshire and the Humber	1976	0.9 (0.77–1.04)
Yorkshire and the Humber	1977	0.92 (0.8–1.04)
Yorkshire and the Humber	1978	0.96 (0.85–1.08)
Yorkshire and the Humber	1979	0.98 (0.9–1.08)
Yorkshire and the Humber	1980	0.97 (0.9–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Yorkshire and the Humber	1981	0.93 (0.89–0.97)
Yorkshire and the Humber	1982	0.98 (0.95–1.01)
Yorkshire and the Humber	1983	1.0 (0.97–1.03)
Yorkshire and the Humber	1984	0.98 (0.95–1.01)
Yorkshire and the Humber	1985	0.99 (0.95–1.02)
Yorkshire and the Humber	1986	0.99 (0.97–1.02)
Yorkshire and the Humber	1987	0.99 (0.96–1.01)
Yorkshire and the Humber	1988	1.0 (0.97–1.03)
Yorkshire and the Humber	1989	0.99 (0.97–1.01)
Yorkshire and the Humber	1990	1.0 (0.98–1.02)
Yorkshire and the Humber	1991	1.0 (0.98–1.02)
Yorkshire and the Humber	1992	0.97 (0.95–1.0)
Yorkshire and the Humber	1993	1.0 (0.97–1.02)
Yorkshire and the Humber	1994	1.01 (0.98–1.04)
Yorkshire and the Humber	1995	1.02 (0.99–1.05)
Yorkshire and the Humber	1996	1.04 (1.01–1.06)
Yorkshire and the Humber	1997	1.01 (0.97–1.05)
Yorkshire and the Humber	1998	1.0 (0.96–1.03)
Yorkshire and the Humber	1999	1.02 (0.99–1.06)
Yorkshire and the Humber	2000	1.01 (0.95–1.09)
Yorkshire and the Humber	2001	1.0 (0.96–1.04)
Yorkshire and the Humber	2002	0.98 (0.95–1.02)
Yorkshire and the Humber	2003	1.02 (0.98–1.06)
Yorkshire and the Humber	2004	0.99 (0.96–1.02)
Yorkshire and the Humber	2005	0.99 (0.95–1.03)
Yorkshire and the Humber	2006	1.01 (0.97–1.05)
Yorkshire and the Humber	2007	1.01 (0.98–1.05)
Yorkshire and the Humber	2008	1.01 (0.98–1.04)
Yorkshire and the Humber	2009	1.0 (0.96–1.04)
Yorkshire and the Humber	2010	0.98 (0.95–1.02)
Yorkshire and the Humber	2011	1.0 (0.96–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Yorkshire and the Humber	2012	1.0 (0.96–1.04)
Yorkshire and the Humber	2013	0.99 (0.95–1.02)
Yorkshire and the Humber	2014	0.99 (0.95–1.03)
Yorkshire and the Humber	2015	1.0 (0.96–1.04)
Yorkshire and the Humber	2016	1.0 (0.94–1.05)
Yorkshire and the Humber	2017	1.02 (0.92–1.14)
Barnsley	1950	0.56 (0.47–0.67)
Barnsley	1951	0.66 (0.54–0.79)
Barnsley	1952	0.62 (0.51–0.74)
Barnsley	1953	0.62 (0.52–0.75)
Barnsley	1954	0.59 (0.49–0.7)
Barnsley	1955	0.59 (0.5–0.7)
Barnsley	1956	0.59 (0.5–0.69)
Barnsley	1957	0.6 (0.51–0.71)
Barnsley	1958	0.6 (0.51–0.7)
Barnsley	1959	0.6 (0.51–0.71)
Barnsley	1960	0.62 (0.52–0.73)
Barnsley	1961	0.63 (0.53–0.75)
Barnsley	1962	0.66 (0.54–0.79)
Barnsley	1963	0.67 (0.55–0.8)
Barnsley	1964	0.66 (0.54–0.79)
Barnsley	1965	0.65 (0.53–0.78)
Barnsley	1966	0.68 (0.55–0.81)
Barnsley	1967	0.67 (0.55–0.81)
Barnsley	1968	0.71 (0.58–0.85)
Barnsley	1969	0.73 (0.6–0.87)
Barnsley	1970	0.77 (0.63–0.91)
Barnsley	1971	0.8 (0.67–0.95)
Barnsley	1972	0.81 (0.69–0.94)
Barnsley	1973	0.82 (0.71–0.95)
Barnsley	1974	0.85 (0.73–0.97)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Barnsley	1975	0.86 (0.74–0.97)
Barnsley	1976	0.84 (0.73–0.94)
Barnsley	1977	0.87 (0.77–0.96)
Barnsley	1978	0.92 (0.84–1.02)
Barnsley	1979	0.96 (0.87–1.05)
Barnsley	1980	0.95 (0.86–1.05)
Barnsley	1981	0.91 (0.84–0.98)
Barnsley	1982	0.94 (0.87–1.02)
Barnsley	1983	0.96 (0.9–1.02)
Barnsley	1984	0.93 (0.88–1.0)
Barnsley	1985	0.98 (0.92–1.04)
Barnsley	1986	1.02 (0.96–1.08)
Barnsley	1987	1.02 (0.96–1.09)
Barnsley	1988	1.02 (0.95–1.09)
Barnsley	1989	1.0 (0.93–1.08)
Barnsley	1990	1.02 (0.96–1.08)
Barnsley	1991	1.01 (0.94–1.07)
Barnsley	1992	0.91 (0.85–0.98)
Barnsley	1993	0.95 (0.87–1.04)
Barnsley	1994	0.98 (0.9–1.05)
Barnsley	1995	0.97 (0.89–1.06)
Barnsley	1996	1.0 (0.92–1.09)
Barnsley	1997	0.97 (0.89–1.07)
Barnsley	1998	0.99 (0.91–1.08)
Barnsley	1999	1.01 (0.93–1.1)
Barnsley	2000	1.04 (0.93–1.14)
Barnsley	2001	1.01 (0.94–1.08)
Barnsley	2002	1.0 (0.93–1.08)
Barnsley	2003	1.05 (0.96–1.14)
Barnsley	2004	1.01 (0.93–1.1)
Barnsley	2005	1.04 (0.94–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Barnsley	2006	1.06 (0.97–1.17)
Barnsley	2007	1.07 (0.97–1.18)
Barnsley	2008	1.05 (0.96–1.16)
Barnsley	2009	1.04 (0.95–1.14)
Barnsley	2010	1.01 (0.92–1.09)
Barnsley	2011	1.0 (0.91–1.09)
Barnsley	2012	0.96 (0.87–1.05)
Barnsley	2013	0.94 (0.86–1.02)
Barnsley	2014	0.94 (0.85–1.03)
Barnsley	2015	0.97 (0.88–1.07)
Barnsley	2016	0.92 (0.83–1.01)
Barnsley	2017	0.96 (0.82–1.11)
Bradford	1950	0.56 (0.47–0.67)
Bradford	1951	0.66 (0.54–0.79)
Bradford	1952	0.62 (0.51–0.74)
Bradford	1953	0.62 (0.52–0.75)
Bradford	1954	0.59 (0.49–0.7)
Bradford	1955	0.59 (0.5–0.7)
Bradford	1956	0.59 (0.5–0.69)
Bradford	1957	0.6 (0.51–0.71)
Bradford	1958	0.6 (0.51–0.7)
Bradford	1959	0.6 (0.51–0.71)
Bradford	1960	0.62 (0.52–0.73)
Bradford	1961	0.64 (0.53–0.75)
Bradford	1962	0.66 (0.55–0.79)
Bradford	1963	0.67 (0.55–0.8)
Bradford	1964	0.66 (0.54–0.79)
Bradford	1965	0.65 (0.53–0.78)
Bradford	1966	0.68 (0.55–0.81)
Bradford	1967	0.68 (0.55–0.81)
Bradford	1968	0.71 (0.58–0.85)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bradford	1969	0.73 (0.6–0.87)
Bradford	1970	0.77 (0.64–0.91)
Bradford	1971	0.8 (0.67–0.95)
Bradford	1972	0.81 (0.69–0.94)
Bradford	1973	0.82 (0.71–0.95)
Bradford	1974	0.85 (0.73–0.97)
Bradford	1975	0.86 (0.74–0.97)
Bradford	1976	0.84 (0.73–0.94)
Bradford	1977	0.87 (0.77–0.96)
Bradford	1978	0.92 (0.84–1.02)
Bradford	1979	0.96 (0.87–1.05)
Bradford	1980	0.95 (0.86–1.05)
Bradford	1981	0.91 (0.84–0.98)
Bradford	1982	0.94 (0.87–1.02)
Bradford	1983	0.96 (0.9–1.02)
Bradford	1984	0.93 (0.88–1.0)
Bradford	1985	0.98 (0.92–1.04)
Bradford	1986	1.02 (0.96–1.08)
Bradford	1987	1.02 (0.96–1.09)
Bradford	1988	1.02 (0.95–1.09)
Bradford	1989	1.0 (0.93–1.08)
Bradford	1990	1.02 (0.96–1.08)
Bradford	1991	1.01 (0.94–1.07)
Bradford	1992	0.91 (0.85–0.98)
Bradford	1993	0.95 (0.87–1.04)
Bradford	1994	0.98 (0.9–1.05)
Bradford	1995	0.97 (0.89–1.06)
Bradford	1996	1.0 (0.92–1.09)
Bradford	1997	0.97 (0.89–1.07)
Bradford	1998	0.99 (0.91–1.08)
Bradford	1999	1.01 (0.93–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bradford	2000	1.04 (0.93–1.14)
Bradford	2001	1.01 (0.94–1.08)
Bradford	2002	1.0 (0.93–1.08)
Bradford	2003	1.05 (0.96–1.14)
Bradford	2004	1.01 (0.93–1.1)
Bradford	2005	1.04 (0.94–1.14)
Bradford	2006	1.06 (0.97–1.17)
Bradford	2007	1.07 (0.97–1.18)
Bradford	2008	1.05 (0.96–1.16)
Bradford	2009	1.04 (0.95–1.14)
Bradford	2010	1.01 (0.92–1.09)
Bradford	2011	1.0 (0.91–1.09)
Bradford	2012	0.96 (0.87–1.05)
Bradford	2013	0.94 (0.86–1.02)
Bradford	2014	0.94 (0.85–1.03)
Bradford	2015	0.97 (0.88–1.06)
Bradford	2016	0.92 (0.83–1.01)
Bradford	2017	0.96 (0.82–1.11)
Calderdale	1950	0.56 (0.47–0.67)
Calderdale	1951	0.66 (0.54–0.79)
Calderdale	1952	0.62 (0.51–0.74)
Calderdale	1953	0.62 (0.52–0.75)
Calderdale	1954	0.59 (0.49–0.7)
Calderdale	1955	0.59 (0.5–0.7)
Calderdale	1956	0.59 (0.5–0.69)
Calderdale	1957	0.6 (0.51–0.71)
Calderdale	1958	0.6 (0.51–0.7)
Calderdale	1959	0.6 (0.51–0.71)
Calderdale	1960	0.62 (0.52–0.73)
Calderdale	1961	0.64 (0.53–0.75)
Calderdale	1962	0.66 (0.54–0.79)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Calderdale	1963	0.67 (0.55–0.8)
Calderdale	1964	0.66 (0.54–0.79)
Calderdale	1965	0.65 (0.53–0.78)
Calderdale	1966	0.68 (0.55–0.81)
Calderdale	1967	0.67 (0.55–0.81)
Calderdale	1968	0.71 (0.58–0.85)
Calderdale	1969	0.73 (0.6–0.87)
Calderdale	1970	0.77 (0.63–0.91)
Calderdale	1971	0.8 (0.67–0.95)
Calderdale	1972	0.81 (0.69–0.94)
Calderdale	1973	0.82 (0.71–0.95)
Calderdale	1974	0.85 (0.73–0.97)
Calderdale	1975	0.86 (0.74–0.97)
Calderdale	1976	0.84 (0.73–0.94)
Calderdale	1977	0.87 (0.77–0.96)
Calderdale	1978	0.92 (0.84–1.02)
Calderdale	1979	0.96 (0.87–1.05)
Calderdale	1980	0.95 (0.86–1.05)
Calderdale	1981	0.91 (0.84–0.98)
Calderdale	1982	0.94 (0.87–1.02)
Calderdale	1983	0.96 (0.9–1.02)
Calderdale	1984	0.93 (0.88–1.0)
Calderdale	1985	0.98 (0.92–1.04)
Calderdale	1986	1.02 (0.96–1.08)
Calderdale	1987	1.02 (0.96–1.09)
Calderdale	1988	1.02 (0.95–1.09)
Calderdale	1989	1.0 (0.93–1.08)
Calderdale	1990	1.02 (0.96–1.08)
Calderdale	1991	1.01 (0.94–1.07)
Calderdale	1992	0.91 (0.85–0.98)
Calderdale	1993	0.95 (0.87–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Calderdale	1994	0.98 (0.9–1.05)
Calderdale	1995	0.97 (0.89–1.06)
Calderdale	1996	1.0 (0.92–1.09)
Calderdale	1997	0.97 (0.89–1.07)
Calderdale	1998	0.99 (0.91–1.08)
Calderdale	1999	1.01 (0.93–1.1)
Calderdale	2000	1.04 (0.93–1.14)
Calderdale	2001	1.01 (0.94–1.08)
Calderdale	2002	1.0 (0.93–1.08)
Calderdale	2003	1.05 (0.96–1.14)
Calderdale	2004	1.01 (0.93–1.1)
Calderdale	2005	1.04 (0.94–1.14)
Calderdale	2006	1.06 (0.97–1.17)
Calderdale	2007	1.07 (0.97–1.18)
Calderdale	2008	1.05 (0.96–1.16)
Calderdale	2009	1.04 (0.95–1.14)
Calderdale	2010	1.01 (0.92–1.09)
Calderdale	2011	1.0 (0.91–1.09)
Calderdale	2012	0.96 (0.87–1.05)
Calderdale	2013	0.94 (0.86–1.02)
Calderdale	2014	0.94 (0.85–1.03)
Calderdale	2015	0.97 (0.88–1.07)
Calderdale	2016	0.92 (0.83–1.01)
Calderdale	2017	0.96 (0.82–1.11)
Doncaster	1950	0.56 (0.46–0.67)
Doncaster	1951	0.66 (0.54–0.79)
Doncaster	1952	0.62 (0.51–0.74)
Doncaster	1953	0.62 (0.52–0.75)
Doncaster	1954	0.59 (0.49–0.7)
Doncaster	1955	0.59 (0.5–0.7)
Doncaster	1956	0.59 (0.49–0.69)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Doncaster	1957	0.6 (0.51–0.71)
Doncaster	1958	0.6 (0.5–0.7)
Doncaster	1959	0.6 (0.51–0.71)
Doncaster	1960	0.62 (0.52–0.73)
Doncaster	1961	0.63 (0.53–0.75)
Doncaster	1962	0.66 (0.54–0.79)
Doncaster	1963	0.67 (0.55–0.8)
Doncaster	1964	0.66 (0.54–0.79)
Doncaster	1965	0.65 (0.53–0.78)
Doncaster	1966	0.68 (0.55–0.81)
Doncaster	1967	0.67 (0.55–0.81)
Doncaster	1968	0.71 (0.58–0.85)
Doncaster	1969	0.73 (0.6–0.87)
Doncaster	1970	0.77 (0.63–0.91)
Doncaster	1971	0.8 (0.67–0.95)
Doncaster	1972	0.81 (0.69–0.94)
Doncaster	1973	0.82 (0.71–0.95)
Doncaster	1974	0.84 (0.73–0.97)
Doncaster	1975	0.86 (0.74–0.97)
Doncaster	1976	0.84 (0.73–0.94)
Doncaster	1977	0.87 (0.77–0.96)
Doncaster	1978	0.92 (0.84–1.02)
Doncaster	1979	0.96 (0.87–1.05)
Doncaster	1980	0.95 (0.86–1.05)
Doncaster	1981	0.91 (0.84–0.98)
Doncaster	1982	0.94 (0.87–1.02)
Doncaster	1983	0.96 (0.9–1.02)
Doncaster	1984	0.93 (0.88–1.0)
Doncaster	1985	0.98 (0.92–1.04)
Doncaster	1986	1.02 (0.96–1.08)
Doncaster	1987	1.02 (0.96–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Doncaster	1988	1.02 (0.95–1.09)
Doncaster	1989	1.0 (0.93–1.08)
Doncaster	1990	1.02 (0.96–1.08)
Doncaster	1991	1.01 (0.94–1.07)
Doncaster	1992	0.91 (0.85–0.98)
Doncaster	1993	0.95 (0.87–1.04)
Doncaster	1994	0.98 (0.9–1.05)
Doncaster	1995	0.97 (0.89–1.06)
Doncaster	1996	1.0 (0.92–1.09)
Doncaster	1997	0.97 (0.89–1.07)
Doncaster	1998	0.99 (0.91–1.08)
Doncaster	1999	1.01 (0.93–1.1)
Doncaster	2000	1.04 (0.93–1.14)
Doncaster	2001	1.01 (0.94–1.08)
Doncaster	2002	1.0 (0.93–1.08)
Doncaster	2003	1.05 (0.96–1.14)
Doncaster	2004	1.01 (0.93–1.1)
Doncaster	2005	1.04 (0.94–1.14)
Doncaster	2006	1.06 (0.97–1.17)
Doncaster	2007	1.07 (0.97–1.18)
Doncaster	2008	1.05 (0.96–1.16)
Doncaster	2009	1.04 (0.95–1.14)
Doncaster	2010	1.01 (0.92–1.09)
Doncaster	2011	1.0 (0.91–1.09)
Doncaster	2012	0.96 (0.87–1.05)
Doncaster	2013	0.94 (0.86–1.02)
Doncaster	2014	0.94 (0.85–1.03)
Doncaster	2015	0.97 (0.88–1.07)
Doncaster	2016	0.92 (0.83–1.01)
Doncaster	2017	0.96 (0.82–1.11)
East Riding of Yorkshire	1950	0.56 (0.46–0.67)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
East Riding of Yorkshire	1951	0.66 (0.53–0.79)
East Riding of Yorkshire	1952	0.62 (0.51–0.74)
East Riding of Yorkshire	1953	0.62 (0.51–0.75)
East Riding of Yorkshire	1954	0.59 (0.49–0.7)
East Riding of Yorkshire	1955	0.59 (0.5–0.7)
East Riding of Yorkshire	1956	0.59 (0.49–0.69)
East Riding of Yorkshire	1957	0.6 (0.51–0.71)
East Riding of Yorkshire	1958	0.59 (0.5–0.7)
East Riding of Yorkshire	1959	0.6 (0.51–0.7)
East Riding of Yorkshire	1960	0.62 (0.52–0.73)
East Riding of Yorkshire	1961	0.63 (0.53–0.75)
East Riding of Yorkshire	1962	0.66 (0.54–0.79)
East Riding of Yorkshire	1963	0.67 (0.55–0.8)
East Riding of Yorkshire	1964	0.66 (0.54–0.79)
East Riding of Yorkshire	1965	0.65 (0.53–0.78)
East Riding of Yorkshire	1966	0.68 (0.55–0.81)
East Riding of Yorkshire	1967	0.67 (0.55–0.81)
East Riding of Yorkshire	1968	0.71 (0.58–0.85)
East Riding of Yorkshire	1969	0.73 (0.59–0.87)
East Riding of Yorkshire	1970	0.77 (0.63–0.91)
East Riding of Yorkshire	1971	0.8 (0.67–0.95)
East Riding of Yorkshire	1972	0.81 (0.69–0.94)
East Riding of Yorkshire	1973	0.82 (0.71–0.95)
East Riding of Yorkshire	1974	0.84 (0.73–0.97)
East Riding of Yorkshire	1975	0.86 (0.74–0.97)
East Riding of Yorkshire	1976	0.84 (0.73–0.94)
East Riding of Yorkshire	1977	0.87 (0.77–0.96)
East Riding of Yorkshire	1978	0.92 (0.84–1.02)
East Riding of Yorkshire	1979	0.96 (0.87–1.05)
East Riding of Yorkshire	1980	0.95 (0.86–1.05)
East Riding of Yorkshire	1981	0.91 (0.84–0.98)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
East Riding of Yorkshire	1982	0.94 (0.87–1.02)
East Riding of Yorkshire	1983	0.96 (0.9–1.02)
East Riding of Yorkshire	1984	0.93 (0.88–1.0)
East Riding of Yorkshire	1985	0.98 (0.92–1.04)
East Riding of Yorkshire	1986	1.02 (0.96–1.08)
East Riding of Yorkshire	1987	1.02 (0.96–1.09)
East Riding of Yorkshire	1988	1.02 (0.95–1.09)
East Riding of Yorkshire	1989	1.0 (0.93–1.08)
East Riding of Yorkshire	1990	1.02 (0.96–1.08)
East Riding of Yorkshire	1991	1.01 (0.94–1.07)
East Riding of Yorkshire	1992	0.91 (0.85–0.98)
East Riding of Yorkshire	1993	0.95 (0.87–1.04)
East Riding of Yorkshire	1994	0.98 (0.9–1.05)
East Riding of Yorkshire	1995	0.97 (0.89–1.06)
East Riding of Yorkshire	1996	1.0 (0.92–1.09)
East Riding of Yorkshire	1997	0.97 (0.89–1.07)
East Riding of Yorkshire	1998	0.99 (0.91–1.08)
East Riding of Yorkshire	1999	1.01 (0.93–1.1)
East Riding of Yorkshire	2000	1.04 (0.93–1.14)
East Riding of Yorkshire	2001	1.01 (0.94–1.08)
East Riding of Yorkshire	2002	1.0 (0.93–1.08)
East Riding of Yorkshire	2003	1.05 (0.96–1.14)
East Riding of Yorkshire	2004	1.01 (0.93–1.1)
East Riding of Yorkshire	2005	1.04 (0.94–1.14)
East Riding of Yorkshire	2006	1.06 (0.97–1.17)
East Riding of Yorkshire	2007	1.07 (0.97–1.18)
East Riding of Yorkshire	2008	1.05 (0.96–1.16)
East Riding of Yorkshire	2009	1.04 (0.95–1.14)
East Riding of Yorkshire	2010	1.01 (0.92–1.09)
East Riding of Yorkshire	2011	1.0 (0.91–1.09)
East Riding of Yorkshire	2012	0.96 (0.87–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
East Riding of Yorkshire	2013	0.94 (0.86–1.02)
East Riding of Yorkshire	2014	0.94 (0.85–1.03)
East Riding of Yorkshire	2015	0.97 (0.88–1.07)
East Riding of Yorkshire	2016	0.92 (0.83–1.01)
East Riding of Yorkshire	2017	0.96 (0.82–1.11)
Kingston upon Hull, City of	1950	0.56 (0.47–0.67)
Kingston upon Hull, City of	1951	0.66 (0.54–0.79)
Kingston upon Hull, City of	1952	0.62 (0.51–0.74)
Kingston upon Hull, City of	1953	0.62 (0.52–0.75)
Kingston upon Hull, City of	1954	0.59 (0.49–0.7)
Kingston upon Hull, City of	1955	0.59 (0.5–0.7)
Kingston upon Hull, City of	1956	0.59 (0.5–0.69)
Kingston upon Hull, City of	1957	0.6 (0.51–0.71)
Kingston upon Hull, City of	1958	0.6 (0.51–0.7)
Kingston upon Hull, City of	1959	0.6 (0.51–0.71)
Kingston upon Hull, City of	1960	0.62 (0.52–0.73)
Kingston upon Hull, City of	1961	0.64 (0.53–0.75)
Kingston upon Hull, City of	1962	0.66 (0.55–0.79)
Kingston upon Hull, City of	1963	0.67 (0.55–0.8)
Kingston upon Hull, City of	1964	0.66 (0.54–0.79)
Kingston upon Hull, City of	1965	0.65 (0.53–0.78)
Kingston upon Hull, City of	1966	0.68 (0.55–0.81)
Kingston upon Hull, City of	1967	0.67 (0.55–0.81)
Kingston upon Hull, City of	1968	0.71 (0.58–0.85)
Kingston upon Hull, City of	1969	0.73 (0.6–0.87)
Kingston upon Hull, City of	1970	0.77 (0.63–0.91)
Kingston upon Hull, City of	1971	0.8 (0.67–0.95)
Kingston upon Hull, City of	1972	0.81 (0.69–0.94)
Kingston upon Hull, City of	1973	0.82 (0.71–0.95)
Kingston upon Hull, City of	1974	0.85 (0.73–0.97)
Kingston upon Hull, City of	1975	0.86 (0.74–0.97)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kingston upon Hull, City of	1976	0.84 (0.73–0.94)
Kingston upon Hull, City of	1977	0.87 (0.77–0.96)
Kingston upon Hull, City of	1978	0.92 (0.84–1.02)
Kingston upon Hull, City of	1979	0.96 (0.87–1.05)
Kingston upon Hull, City of	1980	0.95 (0.86–1.05)
Kingston upon Hull, City of	1981	0.91 (0.84–0.98)
Kingston upon Hull, City of	1982	0.94 (0.87–1.02)
Kingston upon Hull, City of	1983	0.96 (0.9–1.02)
Kingston upon Hull, City of	1984	0.93 (0.88–1.0)
Kingston upon Hull, City of	1985	0.98 (0.92–1.04)
Kingston upon Hull, City of	1986	1.02 (0.96–1.08)
Kingston upon Hull, City of	1987	1.02 (0.96–1.09)
Kingston upon Hull, City of	1988	1.02 (0.95–1.09)
Kingston upon Hull, City of	1989	1.0 (0.93–1.08)
Kingston upon Hull, City of	1990	1.02 (0.96–1.08)
Kingston upon Hull, City of	1991	1.01 (0.94–1.07)
Kingston upon Hull, City of	1992	0.91 (0.85–0.98)
Kingston upon Hull, City of	1993	0.95 (0.87–1.04)
Kingston upon Hull, City of	1994	0.98 (0.9–1.05)
Kingston upon Hull, City of	1995	0.97 (0.89–1.06)
Kingston upon Hull, City of	1996	1.0 (0.92–1.09)
Kingston upon Hull, City of	1997	0.97 (0.89–1.07)
Kingston upon Hull, City of	1998	0.99 (0.91–1.08)
Kingston upon Hull, City of	1999	1.01 (0.93–1.1)
Kingston upon Hull, City of	2000	1.04 (0.93–1.14)
Kingston upon Hull, City of	2001	1.01 (0.94–1.08)
Kingston upon Hull, City of	2002	1.0 (0.93–1.08)
Kingston upon Hull, City of	2003	1.05 (0.96–1.14)
Kingston upon Hull, City of	2004	1.01 (0.93–1.1)
Kingston upon Hull, City of	2005	1.04 (0.94–1.14)
Kingston upon Hull, City of	2006	1.06 (0.97–1.17)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kingston upon Hull, City of	2007	1.07 (0.97–1.18)
Kingston upon Hull, City of	2008	1.05 (0.96–1.16)
Kingston upon Hull, City of	2009	1.04 (0.95–1.14)
Kingston upon Hull, City of	2010	1.01 (0.92–1.09)
Kingston upon Hull, City of	2011	1.0 (0.91–1.09)
Kingston upon Hull, City of	2012	0.96 (0.87–1.05)
Kingston upon Hull, City of	2013	0.94 (0.86–1.02)
Kingston upon Hull, City of	2014	0.94 (0.85–1.03)
Kingston upon Hull, City of	2015	0.97 (0.88–1.07)
Kingston upon Hull, City of	2016	0.92 (0.83–1.01)
Kingston upon Hull, City of	2017	0.96 (0.82–1.11)
Kirklees	1950	0.56 (0.47–0.67)
Kirklees	1951	0.66 (0.54–0.79)
Kirklees	1952	0.62 (0.51–0.74)
Kirklees	1953	0.62 (0.52–0.75)
Kirklees	1954	0.59 (0.49–0.7)
Kirklees	1955	0.59 (0.5–0.7)
Kirklees	1956	0.59 (0.5–0.69)
Kirklees	1957	0.6 (0.51–0.71)
Kirklees	1958	0.6 (0.51–0.7)
Kirklees	1959	0.6 (0.51–0.71)
Kirklees	1960	0.62 (0.52–0.73)
Kirklees	1961	0.64 (0.53–0.75)
Kirklees	1962	0.66 (0.55–0.79)
Kirklees	1963	0.67 (0.55–0.8)
Kirklees	1964	0.66 (0.54–0.79)
Kirklees	1965	0.65 (0.53–0.78)
Kirklees	1966	0.68 (0.55–0.81)
Kirklees	1967	0.67 (0.55–0.81)
Kirklees	1968	0.71 (0.58–0.85)
Kirklees	1969	0.73 (0.6–0.87)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kirklees	1970	0.77 (0.63–0.91)
Kirklees	1971	0.8 (0.67–0.95)
Kirklees	1972	0.81 (0.69–0.94)
Kirklees	1973	0.82 (0.71–0.95)
Kirklees	1974	0.85 (0.73–0.97)
Kirklees	1975	0.86 (0.74–0.97)
Kirklees	1976	0.84 (0.73–0.94)
Kirklees	1977	0.87 (0.77–0.96)
Kirklees	1978	0.92 (0.84–1.02)
Kirklees	1979	0.96 (0.87–1.05)
Kirklees	1980	0.95 (0.86–1.05)
Kirklees	1981	0.91 (0.84–0.98)
Kirklees	1982	0.94 (0.87–1.02)
Kirklees	1983	0.96 (0.9–1.02)
Kirklees	1984	0.93 (0.88–1.0)
Kirklees	1985	0.98 (0.92–1.04)
Kirklees	1986	1.02 (0.96–1.08)
Kirklees	1987	1.02 (0.96–1.09)
Kirklees	1988	1.02 (0.95–1.09)
Kirklees	1989	1.0 (0.93–1.08)
Kirklees	1990	1.02 (0.96–1.08)
Kirklees	1991	1.01 (0.94–1.07)
Kirklees	1992	0.91 (0.85–0.98)
Kirklees	1993	0.95 (0.87–1.04)
Kirklees	1994	0.98 (0.9–1.05)
Kirklees	1995	0.97 (0.89–1.06)
Kirklees	1996	1.0 (0.92–1.09)
Kirklees	1997	0.97 (0.89–1.07)
Kirklees	1998	0.99 (0.91–1.08)
Kirklees	1999	1.01 (0.93–1.1)
Kirklees	2000	1.04 (0.93–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kirklees	2001	1.01 (0.94–1.08)
Kirklees	2002	1.0 (0.93–1.08)
Kirklees	2003	1.05 (0.96–1.14)
Kirklees	2004	1.01 (0.93–1.1)
Kirklees	2005	1.04 (0.94–1.14)
Kirklees	2006	1.06 (0.97–1.17)
Kirklees	2007	1.07 (0.97–1.18)
Kirklees	2008	1.05 (0.96–1.16)
Kirklees	2009	1.04 (0.95–1.14)
Kirklees	2010	1.01 (0.92–1.09)
Kirklees	2011	1.0 (0.91–1.09)
Kirklees	2012	0.96 (0.87–1.05)
Kirklees	2013	0.94 (0.86–1.02)
Kirklees	2014	0.94 (0.85–1.03)
Kirklees	2015	0.97 (0.88–1.06)
Kirklees	2016	0.92 (0.83–1.01)
Kirklees	2017	0.96 (0.82–1.11)
Leeds	1950	0.56 (0.46–0.67)
Leeds	1951	0.66 (0.54–0.79)
Leeds	1952	0.62 (0.51–0.74)
Leeds	1953	0.62 (0.52–0.75)
Leeds	1954	0.59 (0.49–0.7)
Leeds	1955	0.59 (0.5–0.7)
Leeds	1956	0.59 (0.5–0.69)
Leeds	1957	0.6 (0.51–0.71)
Leeds	1958	0.6 (0.5–0.7)
Leeds	1959	0.6 (0.51–0.71)
Leeds	1960	0.62 (0.52–0.73)
Leeds	1961	0.63 (0.53–0.75)
Leeds	1962	0.66 (0.54–0.79)
Leeds	1963	0.67 (0.55–0.8)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Leeds	1964	0.66 (0.54–0.79)
Leeds	1965	0.65 (0.53–0.78)
Leeds	1966	0.68 (0.55–0.81)
Leeds	1967	0.67 (0.55–0.81)
Leeds	1968	0.71 (0.58–0.85)
Leeds	1969	0.73 (0.6–0.87)
Leeds	1970	0.77 (0.63–0.91)
Leeds	1971	0.8 (0.67–0.95)
Leeds	1972	0.81 (0.69–0.94)
Leeds	1973	0.82 (0.71–0.95)
Leeds	1974	0.85 (0.73–0.97)
Leeds	1975	0.86 (0.74–0.97)
Leeds	1976	0.84 (0.73–0.94)
Leeds	1977	0.87 (0.77–0.96)
Leeds	1978	0.92 (0.84–1.02)
Leeds	1979	0.96 (0.87–1.05)
Leeds	1980	0.95 (0.86–1.05)
Leeds	1981	0.91 (0.84–0.98)
Leeds	1982	0.94 (0.87–1.02)
Leeds	1983	0.96 (0.9–1.02)
Leeds	1984	0.93 (0.88–1.0)
Leeds	1985	0.98 (0.92–1.04)
Leeds	1986	1.02 (0.96–1.08)
Leeds	1987	1.02 (0.96–1.09)
Leeds	1988	1.02 (0.95–1.09)
Leeds	1989	1.0 (0.93–1.08)
Leeds	1990	1.02 (0.96–1.08)
Leeds	1991	1.01 (0.94–1.07)
Leeds	1992	0.91 (0.85–0.98)
Leeds	1993	0.95 (0.87–1.04)
Leeds	1994	0.98 (0.9–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Leeds	1995	0.97 (0.89–1.06)
Leeds	1996	1.0 (0.92–1.09)
Leeds	1997	0.97 (0.89–1.07)
Leeds	1998	0.99 (0.91–1.08)
Leeds	1999	1.01 (0.93–1.1)
Leeds	2000	1.04 (0.93–1.14)
Leeds	2001	1.01 (0.94–1.08)
Leeds	2002	1.0 (0.93–1.08)
Leeds	2003	1.05 (0.96–1.14)
Leeds	2004	1.01 (0.93–1.1)
Leeds	2005	1.04 (0.94–1.14)
Leeds	2006	1.06 (0.97–1.17)
Leeds	2007	1.07 (0.97–1.18)
Leeds	2008	1.05 (0.96–1.16)
Leeds	2009	1.04 (0.95–1.14)
Leeds	2010	1.01 (0.92–1.09)
Leeds	2011	1.0 (0.91–1.09)
Leeds	2012	0.96 (0.87–1.05)
Leeds	2013	0.94 (0.86–1.02)
Leeds	2014	0.94 (0.85–1.03)
Leeds	2015	0.97 (0.88–1.07)
Leeds	2016	0.92 (0.83–1.01)
Leeds	2017	0.96 (0.82–1.11)
North East Lincolnshire	1950	0.56 (0.46–0.67)
North East Lincolnshire	1951	0.66 (0.54–0.79)
North East Lincolnshire	1952	0.62 (0.51–0.74)
North East Lincolnshire	1953	0.62 (0.52–0.75)
North East Lincolnshire	1954	0.59 (0.49–0.7)
North East Lincolnshire	1955	0.59 (0.5–0.7)
North East Lincolnshire	1956	0.59 (0.49–0.69)
North East Lincolnshire	1957	0.6 (0.51–0.71)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North East Lincolnshire	1958	0.6 (0.5–0.7)
North East Lincolnshire	1959	0.6 (0.51–0.71)
North East Lincolnshire	1960	0.62 (0.52–0.73)
North East Lincolnshire	1961	0.63 (0.53–0.75)
North East Lincolnshire	1962	0.66 (0.54–0.79)
North East Lincolnshire	1963	0.67 (0.55–0.8)
North East Lincolnshire	1964	0.66 (0.54–0.79)
North East Lincolnshire	1965	0.65 (0.53–0.78)
North East Lincolnshire	1966	0.68 (0.55–0.81)
North East Lincolnshire	1967	0.67 (0.55–0.81)
North East Lincolnshire	1968	0.71 (0.58–0.85)
North East Lincolnshire	1969	0.73 (0.6–0.87)
North East Lincolnshire	1970	0.77 (0.63–0.91)
North East Lincolnshire	1971	0.8 (0.67–0.95)
North East Lincolnshire	1972	0.81 (0.69–0.94)
North East Lincolnshire	1973	0.82 (0.71–0.95)
North East Lincolnshire	1974	0.84 (0.73–0.97)
North East Lincolnshire	1975	0.86 (0.74–0.97)
North East Lincolnshire	1976	0.84 (0.73–0.94)
North East Lincolnshire	1977	0.87 (0.77–0.96)
North East Lincolnshire	1978	0.92 (0.84–1.02)
North East Lincolnshire	1979	0.96 (0.87–1.05)
North East Lincolnshire	1980	0.95 (0.86–1.05)
North East Lincolnshire	1981	0.91 (0.84–0.98)
North East Lincolnshire	1982	0.94 (0.87–1.02)
North East Lincolnshire	1983	0.96 (0.9–1.02)
North East Lincolnshire	1984	0.93 (0.88–1.0)
North East Lincolnshire	1985	0.98 (0.92–1.04)
North East Lincolnshire	1986	1.02 (0.96–1.08)
North East Lincolnshire	1987	1.02 (0.96–1.09)
North East Lincolnshire	1988	1.02 (0.95–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North East Lincolnshire	1989	1.0 (0.93–1.08)
North East Lincolnshire	1990	1.02 (0.96–1.08)
North East Lincolnshire	1991	1.01 (0.94–1.07)
North East Lincolnshire	1992	0.91 (0.85–0.98)
North East Lincolnshire	1993	0.95 (0.87–1.04)
North East Lincolnshire	1994	0.98 (0.9–1.05)
North East Lincolnshire	1995	0.97 (0.89–1.06)
North East Lincolnshire	1996	1.0 (0.92–1.09)
North East Lincolnshire	1997	0.97 (0.89–1.07)
North East Lincolnshire	1998	0.99 (0.91–1.08)
North East Lincolnshire	1999	1.01 (0.93–1.1)
North East Lincolnshire	2000	1.04 (0.93–1.14)
North East Lincolnshire	2001	1.01 (0.94–1.08)
North East Lincolnshire	2002	1.0 (0.93–1.08)
North East Lincolnshire	2003	1.05 (0.96–1.14)
North East Lincolnshire	2004	1.01 (0.93–1.1)
North East Lincolnshire	2005	1.04 (0.94–1.14)
North East Lincolnshire	2006	1.06 (0.97–1.17)
North East Lincolnshire	2007	1.07 (0.97–1.18)
North East Lincolnshire	2008	1.05 (0.96–1.16)
North East Lincolnshire	2009	1.04 (0.95–1.14)
North East Lincolnshire	2010	1.01 (0.92–1.09)
North East Lincolnshire	2011	1.0 (0.91–1.09)
North East Lincolnshire	2012	0.96 (0.87–1.05)
North East Lincolnshire	2013	0.94 (0.86–1.02)
North East Lincolnshire	2014	0.94 (0.85–1.03)
North East Lincolnshire	2015	0.97 (0.88–1.07)
North East Lincolnshire	2016	0.92 (0.83–1.01)
North East Lincolnshire	2017	0.96 (0.82–1.11)
North Lincolnshire	1950	0.56 (0.46–0.67)
North Lincolnshire	1951	0.66 (0.54–0.79)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North Lincolnshire	1952	0.62 (0.51–0.74)
North Lincolnshire	1953	0.62 (0.52–0.75)
North Lincolnshire	1954	0.59 (0.49–0.7)
North Lincolnshire	1955	0.59 (0.5–0.7)
North Lincolnshire	1956	0.59 (0.49–0.69)
North Lincolnshire	1957	0.6 (0.51–0.71)
North Lincolnshire	1958	0.6 (0.5–0.7)
North Lincolnshire	1959	0.6 (0.51–0.71)
North Lincolnshire	1960	0.62 (0.52–0.73)
North Lincolnshire	1961	0.63 (0.53–0.75)
North Lincolnshire	1962	0.66 (0.54–0.79)
North Lincolnshire	1963	0.67 (0.55–0.8)
North Lincolnshire	1964	0.66 (0.54–0.79)
North Lincolnshire	1965	0.65 (0.53–0.78)
North Lincolnshire	1966	0.68 (0.55–0.81)
North Lincolnshire	1967	0.67 (0.55–0.81)
North Lincolnshire	1968	0.71 (0.58–0.85)
North Lincolnshire	1969	0.73 (0.6–0.87)
North Lincolnshire	1970	0.77 (0.63–0.91)
North Lincolnshire	1971	0.8 (0.67–0.95)
North Lincolnshire	1972	0.81 (0.69–0.94)
North Lincolnshire	1973	0.82 (0.71–0.95)
North Lincolnshire	1974	0.84 (0.73–0.97)
North Lincolnshire	1975	0.86 (0.74–0.97)
North Lincolnshire	1976	0.84 (0.73–0.94)
North Lincolnshire	1977	0.87 (0.77–0.96)
North Lincolnshire	1978	0.92 (0.84–1.02)
North Lincolnshire	1979	0.96 (0.87–1.05)
North Lincolnshire	1980	0.95 (0.86–1.05)
North Lincolnshire	1981	0.91 (0.84–0.98)
North Lincolnshire	1982	0.94 (0.87–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North Lincolnshire	1983	0.96 (0.9–1.02)
North Lincolnshire	1984	0.93 (0.88–1.0)
North Lincolnshire	1985	0.98 (0.92–1.04)
North Lincolnshire	1986	1.02 (0.96–1.08)
North Lincolnshire	1987	1.02 (0.96–1.09)
North Lincolnshire	1988	1.02 (0.95–1.09)
North Lincolnshire	1989	1.0 (0.93–1.08)
North Lincolnshire	1990	1.02 (0.96–1.08)
North Lincolnshire	1991	1.01 (0.94–1.07)
North Lincolnshire	1992	0.91 (0.85–0.98)
North Lincolnshire	1993	0.95 (0.87–1.04)
North Lincolnshire	1994	0.98 (0.9–1.05)
North Lincolnshire	1995	0.97 (0.89–1.06)
North Lincolnshire	1996	1.0 (0.92–1.09)
North Lincolnshire	1997	0.97 (0.89–1.07)
North Lincolnshire	1998	0.99 (0.91–1.08)
North Lincolnshire	1999	1.01 (0.93–1.1)
North Lincolnshire	2000	1.04 (0.93–1.14)
North Lincolnshire	2001	1.01 (0.94–1.08)
North Lincolnshire	2002	1.0 (0.93–1.08)
North Lincolnshire	2003	1.05 (0.96–1.14)
North Lincolnshire	2004	1.01 (0.93–1.1)
North Lincolnshire	2005	1.04 (0.94–1.14)
North Lincolnshire	2006	1.06 (0.97–1.17)
North Lincolnshire	2007	1.07 (0.97–1.18)
North Lincolnshire	2008	1.05 (0.96–1.16)
North Lincolnshire	2009	1.04 (0.95–1.14)
North Lincolnshire	2010	1.01 (0.92–1.09)
North Lincolnshire	2011	1.0 (0.91–1.09)
North Lincolnshire	2012	0.96 (0.87–1.05)
North Lincolnshire	2013	0.94 (0.86–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North Lincolnshire	2014	0.94 (0.85–1.03)
North Lincolnshire	2015	0.97 (0.88–1.07)
North Lincolnshire	2016	0.92 (0.83–1.01)
North Lincolnshire	2017	0.96 (0.82–1.11)
North Yorkshire	1950	0.56 (0.46–0.67)
North Yorkshire	1951	0.66 (0.54–0.79)
North Yorkshire	1952	0.62 (0.51–0.74)
North Yorkshire	1953	0.62 (0.52–0.75)
North Yorkshire	1954	0.59 (0.49–0.7)
North Yorkshire	1955	0.59 (0.5–0.7)
North Yorkshire	1956	0.59 (0.49–0.69)
North Yorkshire	1957	0.6 (0.51–0.71)
North Yorkshire	1958	0.6 (0.5–0.7)
North Yorkshire	1959	0.6 (0.51–0.71)
North Yorkshire	1960	0.62 (0.52–0.73)
North Yorkshire	1961	0.63 (0.53–0.75)
North Yorkshire	1962	0.66 (0.54–0.79)
North Yorkshire	1963	0.67 (0.55–0.8)
North Yorkshire	1964	0.66 (0.54–0.79)
North Yorkshire	1965	0.65 (0.53–0.78)
North Yorkshire	1966	0.68 (0.55–0.81)
North Yorkshire	1967	0.67 (0.55–0.81)
North Yorkshire	1968	0.71 (0.58–0.85)
North Yorkshire	1969	0.73 (0.6–0.87)
North Yorkshire	1970	0.77 (0.63–0.91)
North Yorkshire	1971	0.8 (0.67–0.95)
North Yorkshire	1972	0.81 (0.69–0.94)
North Yorkshire	1973	0.82 (0.71–0.95)
North Yorkshire	1974	0.84 (0.73–0.97)
North Yorkshire	1975	0.86 (0.74–0.97)
North Yorkshire	1976	0.84 (0.73–0.94)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North Yorkshire	1977	0.87 (0.77–0.96)
North Yorkshire	1978	0.92 (0.84–1.02)
North Yorkshire	1979	0.96 (0.87–1.05)
North Yorkshire	1980	0.95 (0.86–1.05)
North Yorkshire	1981	0.91 (0.84–0.98)
North Yorkshire	1982	0.94 (0.87–1.02)
North Yorkshire	1983	0.96 (0.9–1.02)
North Yorkshire	1984	0.93 (0.88–1.0)
North Yorkshire	1985	0.98 (0.92–1.04)
North Yorkshire	1986	1.02 (0.96–1.08)
North Yorkshire	1987	1.02 (0.96–1.09)
North Yorkshire	1988	1.02 (0.95–1.09)
North Yorkshire	1989	1.0 (0.93–1.08)
North Yorkshire	1990	1.02 (0.96–1.08)
North Yorkshire	1991	1.01 (0.94–1.07)
North Yorkshire	1992	0.91 (0.85–0.98)
North Yorkshire	1993	0.95 (0.87–1.04)
North Yorkshire	1994	0.98 (0.9–1.05)
North Yorkshire	1995	0.97 (0.89–1.06)
North Yorkshire	1996	1.0 (0.92–1.09)
North Yorkshire	1997	0.97 (0.89–1.07)
North Yorkshire	1998	0.99 (0.91–1.08)
North Yorkshire	1999	1.01 (0.93–1.1)
North Yorkshire	2000	1.04 (0.93–1.14)
North Yorkshire	2001	1.01 (0.94–1.08)
North Yorkshire	2002	1.0 (0.93–1.08)
North Yorkshire	2003	1.05 (0.96–1.14)
North Yorkshire	2004	1.02 (0.93–1.1)
North Yorkshire	2005	1.04 (0.94–1.14)
North Yorkshire	2006	1.06 (0.97–1.17)
North Yorkshire	2007	1.07 (0.97–1.18)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
North Yorkshire	2008	1.05 (0.96–1.16)
North Yorkshire	2009	1.04 (0.95–1.14)
North Yorkshire	2010	1.01 (0.92–1.09)
North Yorkshire	2011	1.0 (0.91–1.09)
North Yorkshire	2012	0.96 (0.87–1.05)
North Yorkshire	2013	0.94 (0.86–1.02)
North Yorkshire	2014	0.94 (0.85–1.03)
North Yorkshire	2015	0.97 (0.88–1.07)
North Yorkshire	2016	0.92 (0.83–1.01)
North Yorkshire	2017	0.96 (0.82–1.11)
Rotherham	1950	0.56 (0.46–0.67)
Rotherham	1951	0.66 (0.54–0.79)
Rotherham	1952	0.62 (0.51–0.74)
Rotherham	1953	0.62 (0.52–0.75)
Rotherham	1954	0.59 (0.49–0.7)
Rotherham	1955	0.59 (0.5–0.7)
Rotherham	1956	0.59 (0.5–0.69)
Rotherham	1957	0.6 (0.51–0.71)
Rotherham	1958	0.6 (0.51–0.7)
Rotherham	1959	0.6 (0.51–0.71)
Rotherham	1960	0.62 (0.52–0.73)
Rotherham	1961	0.63 (0.53–0.75)
Rotherham	1962	0.66 (0.54–0.79)
Rotherham	1963	0.67 (0.55–0.8)
Rotherham	1964	0.66 (0.54–0.79)
Rotherham	1965	0.65 (0.53–0.78)
Rotherham	1966	0.68 (0.55–0.81)
Rotherham	1967	0.67 (0.55–0.81)
Rotherham	1968	0.71 (0.58–0.85)
Rotherham	1969	0.73 (0.6–0.87)
Rotherham	1970	0.77 (0.63–0.91)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rotherham	1971	0.8 (0.67–0.95)
Rotherham	1972	0.81 (0.69–0.94)
Rotherham	1973	0.82 (0.71–0.95)
Rotherham	1974	0.84 (0.73–0.97)
Rotherham	1975	0.86 (0.74–0.97)
Rotherham	1976	0.84 (0.73–0.94)
Rotherham	1977	0.87 (0.77–0.96)
Rotherham	1978	0.92 (0.84–1.02)
Rotherham	1979	0.96 (0.87–1.05)
Rotherham	1980	0.95 (0.86–1.05)
Rotherham	1981	0.91 (0.84–0.98)
Rotherham	1982	0.94 (0.87–1.02)
Rotherham	1983	0.96 (0.9–1.02)
Rotherham	1984	0.93 (0.88–1.0)
Rotherham	1985	0.98 (0.92–1.04)
Rotherham	1986	1.02 (0.96–1.08)
Rotherham	1987	1.02 (0.96–1.09)
Rotherham	1988	1.02 (0.95–1.09)
Rotherham	1989	1.0 (0.93–1.08)
Rotherham	1990	1.02 (0.96–1.08)
Rotherham	1991	1.01 (0.94–1.07)
Rotherham	1992	0.91 (0.85–0.98)
Rotherham	1993	0.95 (0.87–1.04)
Rotherham	1994	0.98 (0.9–1.05)
Rotherham	1995	0.97 (0.89–1.06)
Rotherham	1996	1.0 (0.92–1.09)
Rotherham	1997	0.97 (0.89–1.07)
Rotherham	1998	0.99 (0.91–1.08)
Rotherham	1999	1.01 (0.93–1.1)
Rotherham	2000	1.04 (0.93–1.14)
Rotherham	2001	1.01 (0.94–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rotherham	2002	1.0 (0.93–1.08)
Rotherham	2003	1.05 (0.96–1.14)
Rotherham	2004	1.01 (0.93–1.1)
Rotherham	2005	1.04 (0.94–1.14)
Rotherham	2006	1.06 (0.97–1.17)
Rotherham	2007	1.07 (0.97–1.18)
Rotherham	2008	1.05 (0.96–1.16)
Rotherham	2009	1.04 (0.95–1.14)
Rotherham	2010	1.01 (0.92–1.09)
Rotherham	2011	1.0 (0.91–1.09)
Rotherham	2012	0.96 (0.87–1.05)
Rotherham	2013	0.94 (0.86–1.02)
Rotherham	2014	0.94 (0.85–1.03)
Rotherham	2015	0.97 (0.88–1.07)
Rotherham	2016	0.92 (0.83–1.01)
Rotherham	2017	0.96 (0.82–1.11)
Sheffield	1950	0.56 (0.46–0.67)
Sheffield	1951	0.66 (0.54–0.79)
Sheffield	1952	0.62 (0.51–0.74)
Sheffield	1953	0.62 (0.52–0.75)
Sheffield	1954	0.59 (0.49–0.7)
Sheffield	1955	0.59 (0.5–0.7)
Sheffield	1956	0.59 (0.49–0.69)
Sheffield	1957	0.6 (0.51–0.71)
Sheffield	1958	0.6 (0.5–0.7)
Sheffield	1959	0.6 (0.51–0.7)
Sheffield	1960	0.62 (0.52–0.73)
Sheffield	1961	0.63 (0.53–0.75)
Sheffield	1962	0.66 (0.54–0.79)
Sheffield	1963	0.67 (0.55–0.8)
Sheffield	1964	0.66 (0.54–0.79)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sheffield	1965	0.65 (0.53–0.78)
Sheffield	1966	0.68 (0.55–0.81)
Sheffield	1967	0.67 (0.55–0.81)
Sheffield	1968	0.71 (0.58–0.85)
Sheffield	1969	0.73 (0.6–0.87)
Sheffield	1970	0.77 (0.63–0.91)
Sheffield	1971	0.8 (0.67–0.95)
Sheffield	1972	0.81 (0.69–0.94)
Sheffield	1973	0.82 (0.71–0.95)
Sheffield	1974	0.84 (0.73–0.97)
Sheffield	1975	0.86 (0.74–0.97)
Sheffield	1976	0.84 (0.73–0.94)
Sheffield	1977	0.87 (0.77–0.96)
Sheffield	1978	0.92 (0.84–1.02)
Sheffield	1979	0.96 (0.87–1.05)
Sheffield	1980	0.95 (0.86–1.05)
Sheffield	1981	0.91 (0.84–0.98)
Sheffield	1982	0.94 (0.87–1.02)
Sheffield	1983	0.96 (0.9–1.02)
Sheffield	1984	0.93 (0.88–1.0)
Sheffield	1985	0.98 (0.92–1.04)
Sheffield	1986	1.02 (0.96–1.08)
Sheffield	1987	1.02 (0.96–1.09)
Sheffield	1988	1.02 (0.95–1.09)
Sheffield	1989	1.0 (0.93–1.08)
Sheffield	1990	1.02 (0.96–1.08)
Sheffield	1991	1.01 (0.94–1.07)
Sheffield	1992	0.91 (0.85–0.98)
Sheffield	1993	0.95 (0.87–1.04)
Sheffield	1994	0.98 (0.9–1.05)
Sheffield	1995	0.97 (0.89–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sheffield	1996	1.0 (0.92–1.09)
Sheffield	1997	0.97 (0.89–1.07)
Sheffield	1998	0.99 (0.91–1.08)
Sheffield	1999	1.01 (0.93–1.1)
Sheffield	2000	1.04 (0.93–1.14)
Sheffield	2001	1.01 (0.94–1.08)
Sheffield	2002	1.0 (0.93–1.08)
Sheffield	2003	1.05 (0.96–1.14)
Sheffield	2004	1.01 (0.93–1.1)
Sheffield	2005	1.04 (0.94–1.14)
Sheffield	2006	1.06 (0.97–1.17)
Sheffield	2007	1.07 (0.97–1.18)
Sheffield	2008	1.05 (0.96–1.16)
Sheffield	2009	1.04 (0.95–1.14)
Sheffield	2010	1.01 (0.92–1.09)
Sheffield	2011	1.0 (0.91–1.09)
Sheffield	2012	0.96 (0.87–1.05)
Sheffield	2013	0.94 (0.86–1.02)
Sheffield	2014	0.94 (0.85–1.03)
Sheffield	2015	0.97 (0.88–1.07)
Sheffield	2016	0.92 (0.83–1.01)
Sheffield	2017	0.96 (0.82–1.11)
Wakefield	1950	0.56 (0.47–0.67)
Wakefield	1951	0.66 (0.54–0.79)
Wakefield	1952	0.62 (0.51–0.74)
Wakefield	1953	0.62 (0.52–0.75)
Wakefield	1954	0.59 (0.49–0.7)
Wakefield	1955	0.59 (0.5–0.7)
Wakefield	1956	0.59 (0.5–0.69)
Wakefield	1957	0.6 (0.51–0.71)
Wakefield	1958	0.6 (0.51–0.7)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wakefield	1959	0.6 (0.51–0.71)
Wakefield	1960	0.62 (0.52–0.73)
Wakefield	1961	0.63 (0.53–0.75)
Wakefield	1962	0.66 (0.54–0.79)
Wakefield	1963	0.67 (0.55–0.8)
Wakefield	1964	0.66 (0.54–0.79)
Wakefield	1965	0.65 (0.53–0.78)
Wakefield	1966	0.68 (0.55–0.81)
Wakefield	1967	0.67 (0.55–0.81)
Wakefield	1968	0.71 (0.58–0.85)
Wakefield	1969	0.73 (0.6–0.87)
Wakefield	1970	0.77 (0.63–0.91)
Wakefield	1971	0.8 (0.67–0.95)
Wakefield	1972	0.81 (0.69–0.94)
Wakefield	1973	0.82 (0.71–0.95)
Wakefield	1974	0.85 (0.73–0.97)
Wakefield	1975	0.86 (0.74–0.97)
Wakefield	1976	0.84 (0.73–0.94)
Wakefield	1977	0.87 (0.77–0.96)
Wakefield	1978	0.92 (0.84–1.02)
Wakefield	1979	0.96 (0.87–1.05)
Wakefield	1980	0.95 (0.86–1.05)
Wakefield	1981	0.91 (0.84–0.98)
Wakefield	1982	0.94 (0.87–1.02)
Wakefield	1983	0.96 (0.9–1.02)
Wakefield	1984	0.93 (0.88–1.0)
Wakefield	1985	0.98 (0.92–1.04)
Wakefield	1986	1.02 (0.96–1.08)
Wakefield	1987	1.02 (0.96–1.09)
Wakefield	1988	1.02 (0.95–1.09)
Wakefield	1989	1.0 (0.93–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wakefield	1990	1.02 (0.96–1.08)
Wakefield	1991	1.01 (0.94–1.07)
Wakefield	1992	0.91 (0.85–0.98)
Wakefield	1993	0.95 (0.87–1.04)
Wakefield	1994	0.98 (0.9–1.05)
Wakefield	1995	0.97 (0.89–1.06)
Wakefield	1996	1.0 (0.92–1.09)
Wakefield	1997	0.97 (0.89–1.07)
Wakefield	1998	0.99 (0.91–1.08)
Wakefield	1999	1.01 (0.93–1.1)
Wakefield	2000	1.04 (0.93–1.14)
Wakefield	2001	1.01 (0.94–1.08)
Wakefield	2002	1.0 (0.93–1.08)
Wakefield	2003	1.05 (0.96–1.14)
Wakefield	2004	1.01 (0.93–1.1)
Wakefield	2005	1.04 (0.94–1.14)
Wakefield	2006	1.06 (0.97–1.17)
Wakefield	2007	1.07 (0.97–1.18)
Wakefield	2008	1.05 (0.96–1.16)
Wakefield	2009	1.04 (0.95–1.14)
Wakefield	2010	1.01 (0.92–1.09)
Wakefield	2011	1.0 (0.91–1.09)
Wakefield	2012	0.96 (0.87–1.05)
Wakefield	2013	0.94 (0.86–1.02)
Wakefield	2014	0.94 (0.85–1.03)
Wakefield	2015	0.97 (0.88–1.07)
Wakefield	2016	0.92 (0.83–1.01)
Wakefield	2017	0.96 (0.82–1.11)
York	1950	0.56 (0.46–0.67)
York	1951	0.66 (0.54–0.79)
York	1952	0.62 (0.51–0.74)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
York	1953	0.62 (0.52–0.75)
York	1954	0.59 (0.49–0.7)
York	1955	0.59 (0.5–0.7)
York	1956	0.59 (0.49–0.69)
York	1957	0.6 (0.51–0.71)
York	1958	0.59 (0.5–0.7)
York	1959	0.6 (0.51–0.71)
York	1960	0.62 (0.52–0.73)
York	1961	0.63 (0.53–0.75)
York	1962	0.66 (0.54–0.79)
York	1963	0.67 (0.55–0.8)
York	1964	0.66 (0.54–0.79)
York	1965	0.65 (0.53–0.78)
York	1966	0.68 (0.55–0.81)
York	1967	0.67 (0.55–0.81)
York	1968	0.71 (0.58–0.85)
York	1969	0.73 (0.6–0.87)
York	1970	0.77 (0.63–0.91)
York	1971	0.8 (0.67–0.95)
York	1972	0.81 (0.69–0.94)
York	1973	0.82 (0.71–0.95)
York	1974	0.84 (0.73–0.97)
York	1975	0.86 (0.74–0.97)
York	1976	0.84 (0.73–0.94)
York	1977	0.87 (0.77–0.96)
York	1978	0.92 (0.84–1.02)
York	1979	0.96 (0.87–1.05)
York	1980	0.95 (0.86–1.05)
York	1981	0.91 (0.84–0.98)
York	1982	0.94 (0.87–1.02)
York	1983	0.96 (0.9–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
York	1984	0.93 (0.88–1.0)
York	1985	0.98 (0.92–1.04)
York	1986	1.02 (0.96–1.08)
York	1987	1.02 (0.96–1.09)
York	1988	1.02 (0.95–1.09)
York	1989	1.0 (0.93–1.08)
York	1990	1.02 (0.96–1.08)
York	1991	1.01 (0.94–1.07)
York	1992	0.91 (0.85–0.98)
York	1993	0.95 (0.87–1.04)
York	1994	0.98 (0.9–1.05)
York	1995	0.97 (0.89–1.06)
York	1996	1.0 (0.92–1.09)
York	1997	0.97 (0.89–1.07)
York	1998	0.99 (0.91–1.08)
York	1999	1.01 (0.93–1.1)
York	2000	1.04 (0.93–1.14)
York	2001	1.01 (0.94–1.08)
York	2002	1.0 (0.93–1.08)
York	2003	1.05 (0.96–1.14)
York	2004	1.01 (0.93–1.1)
York	2005	1.04 (0.94–1.14)
York	2006	1.06 (0.97–1.17)
York	2007	1.07 (0.97–1.18)
York	2008	1.05 (0.96–1.16)
York	2009	1.04 (0.95–1.14)
York	2010	1.01 (0.92–1.09)
York	2011	1.0 (0.91–1.09)
York	2012	0.96 (0.87–1.05)
York	2013	0.94 (0.86–1.02)
York	2014	0.94 (0.85–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
York	2015	0.97 (0.88–1.07)
York	2016	0.92 (0.83–1.01)
York	2017	0.96 (0.82–1.11)
Northern Ireland	1950	1.0 (1.0–1.0)
Northern Ireland	1951	1.0 (1.0–1.0)
Northern Ireland	1952	1.0 (1.0–1.0)
Northern Ireland	1953	1.0 (1.0–1.0)
Northern Ireland	1954	1.0 (1.0–1.0)
Northern Ireland	1955	1.0 (1.0–1.0)
Northern Ireland	1956	1.0 (1.0–1.0)
Northern Ireland	1957	1.0 (1.0–1.0)
Northern Ireland	1958	1.0 (1.0–1.0)
Northern Ireland	1959	1.0 (1.0–1.0)
Northern Ireland	1960	1.0 (1.0–1.0)
Northern Ireland	1961	1.0 (1.0–1.0)
Northern Ireland	1962	1.0 (1.0–1.0)
Northern Ireland	1963	1.0 (1.0–1.0)
Northern Ireland	1964	1.0 (1.0–1.0)
Northern Ireland	1965	1.0 (1.0–1.0)
Northern Ireland	1966	1.0 (1.0–1.0)
Northern Ireland	1967	1.0 (1.0–1.0)
Northern Ireland	1968	1.0 (1.0–1.0)
Northern Ireland	1969	1.0 (1.0–1.0)
Northern Ireland	1970	1.0 (1.0–1.0)
Northern Ireland	1971	1.0 (1.0–1.0)
Northern Ireland	1972	1.0 (1.0–1.0)
Northern Ireland	1973	1.0 (1.0–1.0)
Northern Ireland	1974	1.0 (1.0–1.0)
Northern Ireland	1975	1.0 (1.0–1.0)
Northern Ireland	1976	1.0 (1.0–1.0)
Northern Ireland	1977	1.0 (1.0–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Northern Ireland	1978	1.0 (1.0–1.0)
Northern Ireland	1979	1.0 (1.0–1.0)
Northern Ireland	1980	1.0 (1.0–1.0)
Northern Ireland	1981	1.0 (0.98–1.03)
Northern Ireland	1982	1.01 (0.98–1.03)
Northern Ireland	1983	1.01 (0.98–1.03)
Northern Ireland	1984	1.0 (0.98–1.03)
Northern Ireland	1985	1.01 (0.98–1.04)
Northern Ireland	1986	1.01 (0.99–1.04)
Northern Ireland	1987	1.01 (0.98–1.04)
Northern Ireland	1988	1.01 (0.98–1.04)
Northern Ireland	1989	1.01 (0.98–1.03)
Northern Ireland	1990	1.01 (0.98–1.04)
Northern Ireland	1991	1.01 (0.98–1.05)
Northern Ireland	1992	1.0 (0.97–1.03)
Northern Ireland	1993	1.01 (0.98–1.04)
Northern Ireland	1994	1.01 (0.98–1.04)
Northern Ireland	1995	1.01 (0.98–1.04)
Northern Ireland	1996	1.01 (0.98–1.04)
Northern Ireland	1997	1.0 (0.97–1.03)
Northern Ireland	1998	1.01 (0.98–1.04)
Northern Ireland	1999	1.02 (0.99–1.06)
Northern Ireland	2000	1.01 (0.94–1.08)
Northern Ireland	2001	0.99 (0.96–1.02)
Northern Ireland	2002	0.98 (0.95–1.01)
Northern Ireland	2003	1.01 (0.97–1.05)
Northern Ireland	2004	0.99 (0.96–1.02)
Northern Ireland	2005	0.99 (0.96–1.03)
Northern Ireland	2006	1.0 (0.97–1.04)
Northern Ireland	2007	1.0 (0.97–1.04)
Northern Ireland	2008	1.0 (0.97–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Northern Ireland	2009	1.0 (0.96–1.03)
Northern Ireland	2010	0.99 (0.95–1.02)
Northern Ireland	2011	1.0 (0.96–1.03)
Northern Ireland	2012	1.01 (0.97–1.04)
Northern Ireland	2013	1.0 (0.97–1.04)
Northern Ireland	2014	1.0 (0.96–1.03)
Northern Ireland	2015	1.0 (0.97–1.04)
Northern Ireland	2016	1.0 (0.96–1.04)
Northern Ireland	2017	1.02 (0.92–1.12)
Scotland	1950	1.0 (1.0–1.0)
Scotland	1951	1.0 (1.0–1.0)
Scotland	1952	1.0 (1.0–1.0)
Scotland	1953	1.0 (1.0–1.0)
Scotland	1954	1.0 (1.0–1.0)
Scotland	1955	1.0 (1.0–1.0)
Scotland	1956	1.0 (1.0–1.0)
Scotland	1957	1.0 (1.0–1.0)
Scotland	1958	1.0 (1.0–1.0)
Scotland	1959	1.0 (1.0–1.0)
Scotland	1960	1.0 (1.0–1.0)
Scotland	1961	1.0 (1.0–1.0)
Scotland	1962	1.0 (1.0–1.0)
Scotland	1963	1.0 (1.0–1.0)
Scotland	1964	1.0 (1.0–1.0)
Scotland	1965	1.0 (1.0–1.0)
Scotland	1966	1.0 (1.0–1.0)
Scotland	1967	1.0 (1.0–1.0)
Scotland	1968	1.0 (1.0–1.0)
Scotland	1969	1.0 (1.0–1.0)
Scotland	1970	1.0 (1.0–1.0)
Scotland	1971	1.0 (1.0–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Scotland	1972	1.0 (1.0–1.0)
Scotland	1973	1.0 (1.0–1.0)
Scotland	1974	1.0 (1.0–1.0)
Scotland	1975	1.0 (1.0–1.0)
Scotland	1976	1.0 (1.0–1.0)
Scotland	1977	1.0 (1.0–1.0)
Scotland	1978	1.0 (1.0–1.0)
Scotland	1979	1.0 (1.0–1.0)
Scotland	1980	1.0 (1.0–1.0)
Scotland	1981	1.0 (0.98–1.03)
Scotland	1982	1.01 (0.98–1.03)
Scotland	1983	1.01 (0.98–1.03)
Scotland	1984	1.0 (0.98–1.03)
Scotland	1985	1.01 (0.98–1.04)
Scotland	1986	1.01 (0.99–1.04)
Scotland	1987	1.01 (0.98–1.04)
Scotland	1988	1.01 (0.98–1.04)
Scotland	1989	1.01 (0.98–1.03)
Scotland	1990	1.01 (0.98–1.04)
Scotland	1991	1.01 (0.98–1.05)
Scotland	1992	1.0 (0.97–1.03)
Scotland	1993	1.01 (0.98–1.04)
Scotland	1994	1.01 (0.98–1.04)
Scotland	1995	1.01 (0.98–1.04)
Scotland	1996	1.01 (0.98–1.04)
Scotland	1997	1.0 (0.97–1.03)
Scotland	1998	1.01 (0.98–1.04)
Scotland	1999	1.02 (0.99–1.06)
Scotland	2000	1.01 (0.94–1.08)
Scotland	2001	0.99 (0.96–1.02)
Scotland	2002	0.98 (0.95–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Scotland	2003	1.01 (0.97–1.05)
Scotland	2004	0.99 (0.96–1.02)
Scotland	2005	0.99 (0.96–1.03)
Scotland	2006	1.0 (0.97–1.04)
Scotland	2007	1.0 (0.97–1.04)
Scotland	2008	1.0 (0.97–1.04)
Scotland	2009	1.0 (0.96–1.03)
Scotland	2010	0.99 (0.95–1.02)
Scotland	2011	1.0 (0.96–1.03)
Scotland	2012	1.01 (0.97–1.04)
Scotland	2013	1.0 (0.97–1.04)
Scotland	2014	1.0 (0.96–1.04)
Scotland	2015	1.0 (0.97–1.04)
Scotland	2016	1.0 (0.96–1.04)
Scotland	2017	1.02 (0.92–1.12)
Wales	1950	1.07 (0.88–1.28)
Wales	1951	1.23 (1.01–1.47)
Wales	1952	1.15 (0.95–1.36)
Wales	1953	1.15 (0.95–1.37)
Wales	1954	1.07 (0.89–1.28)
Wales	1955	1.07 (0.89–1.28)
Wales	1956	1.04 (0.86–1.25)
Wales	1957	1.05 (0.87–1.26)
Wales	1958	1.02 (0.85–1.21)
Wales	1959	1.01 (0.84–1.2)
Wales	1960	1.01 (0.84–1.21)
Wales	1961	1.02 (0.85–1.21)
Wales	1962	1.03 (0.85–1.24)
Wales	1963	1.03 (0.84–1.23)
Wales	1964	0.99 (0.8–1.19)
Wales	1965	0.96 (0.77–1.15)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wales	1966	0.98 (0.79–1.17)
Wales	1967	0.95 (0.78–1.15)
Wales	1968	0.98 (0.8–1.18)
Wales	1969	0.98 (0.82–1.18)
Wales	1970	1.01 (0.83–1.2)
Wales	1971	1.03 (0.84–1.22)
Wales	1972	1.03 (0.85–1.21)
Wales	1973	1.02 (0.85–1.2)
Wales	1974	1.03 (0.86–1.2)
Wales	1975	1.02 (0.86–1.19)
Wales	1976	0.98 (0.84–1.13)
Wales	1977	1.0 (0.87–1.14)
Wales	1978	1.04 (0.93–1.17)
Wales	1979	1.07 (0.98–1.17)
Wales	1980	1.04 (0.98–1.11)
Wales	1981	1.0 (0.98–1.03)
Wales	1982	1.01 (0.98–1.03)
Wales	1983	1.01 (0.98–1.03)
Wales	1984	1.0 (0.98–1.03)
Wales	1985	1.01 (0.98–1.04)
Wales	1986	1.01 (0.99–1.04)
Wales	1987	1.01 (0.98–1.04)
Wales	1988	1.01 (0.98–1.04)
Wales	1989	1.01 (0.98–1.03)
Wales	1990	1.01 (0.98–1.04)
Wales	1991	1.01 (0.98–1.05)
Wales	1992	1.0 (0.97–1.03)
Wales	1993	1.01 (0.98–1.04)
Wales	1994	1.01 (0.98–1.04)
Wales	1995	1.01 (0.98–1.04)
Wales	1996	1.01 (0.98–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wales	1997	1.0 (0.97–1.03)
Wales	1998	1.01 (0.98–1.04)
Wales	1999	1.02 (0.99–1.06)
Wales	2000	1.01 (0.94–1.08)
Wales	2001	0.99 (0.96–1.02)
Wales	2002	0.98 (0.95–1.01)
Wales	2003	1.01 (0.97–1.05)
Wales	2004	0.99 (0.96–1.02)
Wales	2005	0.99 (0.96–1.03)
Wales	2006	1.0 (0.97–1.04)
Wales	2007	1.0 (0.97–1.04)
Wales	2008	1.0 (0.97–1.04)
Wales	2009	1.0 (0.96–1.03)
Wales	2010	0.99 (0.95–1.02)
Wales	2011	1.0 (0.96–1.03)
Wales	2012	1.01 (0.97–1.04)
Wales	2013	1.0 (0.97–1.04)
Wales	2014	1.0 (0.96–1.04)
Wales	2015	1.0 (0.97–1.04)
Wales	2016	1.0 (0.96–1.04)
Wales	2017	1.02 (0.92–1.12)
Mexico	1950	1.0 (1.0–1.0)
Mexico	1951	1.0 (1.0–1.0)
Mexico	1952	1.0 (1.0–1.0)
Mexico	1953	1.0 (1.0–1.0)
Mexico	1954	1.0 (1.0–1.0)
Mexico	1955	1.0 (1.0–1.0)
Mexico	1956	1.0 (1.0–1.0)
Mexico	1957	1.0 (1.0–1.0)
Mexico	1958	1.0 (1.0–1.0)
Mexico	1959	1.0 (1.0–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mexico	1960	1.0 (1.0-1.0)
Mexico	1961	1.0 (1.0-1.0)
Mexico	1962	1.0 (1.0-1.0)
Mexico	1963	1.0 (1.0-1.0)
Mexico	1964	1.0 (1.0-1.0)
Mexico	1965	1.0 (1.0-1.0)
Mexico	1966	1.0 (1.0-1.0)
Mexico	1967	1.0 (1.0-1.0)
Mexico	1968	1.0 (1.0-1.0)
Mexico	1969	1.0 (1.0-1.0)
Mexico	1970	1.0 (1.0-1.0)
Mexico	1971	1.0 (1.0-1.0)
Mexico	1972	1.0 (1.0-1.0)
Mexico	1973	1.0 (1.0-1.0)
Mexico	1974	1.0 (1.0-1.0)
Mexico	1975	1.0 (1.0-1.0)
Mexico	1976	1.0 (1.0-1.0)
Mexico	1977	1.0 (1.0-1.0)
Mexico	1978	1.0 (1.0-1.0)
Mexico	1979	1.0 (1.0-1.0)
Mexico	1980	1.0 (1.0-1.0)
Mexico	1981	1.0 (1.0-1.0)
Mexico	1982	1.0 (1.0-1.0)
Mexico	1983	1.0 (1.0-1.0)
Mexico	1984	1.0 (1.0-1.0)
Mexico	1985	1.0 (1.0-1.0)
Mexico	1986	1.0 (1.0-1.0)
Mexico	1987	1.0 (1.0-1.0)
Mexico	1988	1.0 (1.0-1.0)
Mexico	1989	1.0 (1.0-1.0)
Mexico	1990	1.0 (1.0-1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mexico	1991	1.0 (1.0–1.0)
Mexico	1992	1.0 (1.0–1.0)
Mexico	1993	1.0 (1.0–1.0)
Mexico	1994	1.0 (1.0–1.0)
Mexico	1995	1.0 (1.0–1.0)
Mexico	1996	1.0 (1.0–1.0)
Mexico	1997	1.0 (1.0–1.0)
Mexico	1998	1.0 (1.0–1.0)
Mexico	1999	1.0 (1.0–1.0)
Mexico	2000	1.0 (1.0–1.0)
Mexico	2001	1.0 (1.0–1.0)
Mexico	2002	1.0 (1.0–1.0)
Mexico	2003	1.0 (1.0–1.0)
Mexico	2004	1.0 (1.0–1.0)
Mexico	2005	1.0 (1.0–1.0)
Mexico	2006	1.0 (1.0–1.0)
Mexico	2007	1.0 (1.0–1.0)
Mexico	2008	1.0 (1.0–1.0)
Mexico	2009	1.0 (1.0–1.0)
Mexico	2010	1.0 (1.0–1.0)
Mexico	2011	1.0 (1.0–1.0)
Mexico	2012	1.0 (1.0–1.0)
Mexico	2013	1.0 (1.0–1.0)
Mexico	2014	1.0 (1.0–1.0)
Mexico	2015	1.0 (1.0–1.0)
Mexico	2016	1.0 (1.0–1.0)
Mexico	2017	1.0 (1.0–1.0)
Aguascalientes	1950	1.35 (1.08–1.64)
Aguascalientes	1951	1.36 (1.12–1.63)
Aguascalientes	1952	1.32 (1.09–1.56)
Aguascalientes	1953	1.29 (1.1–1.52)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Aguascalientes	1954	1.26 (1.08–1.48)
Aguascalientes	1955	1.23 (1.07–1.43)
Aguascalientes	1956	1.2 (1.04–1.39)
Aguascalientes	1957	1.19 (1.03–1.37)
Aguascalientes	1958	1.17 (1.01–1.36)
Aguascalientes	1959	1.15 (0.98–1.33)
Aguascalientes	1960	1.14 (0.98–1.31)
Aguascalientes	1961	1.13 (0.98–1.29)
Aguascalientes	1962	1.11 (0.96–1.26)
Aguascalientes	1963	1.1 (0.96–1.25)
Aguascalientes	1964	1.09 (0.96–1.25)
Aguascalientes	1965	1.09 (0.96–1.24)
Aguascalientes	1966	1.1 (0.97–1.24)
Aguascalientes	1967	1.1 (0.97–1.23)
Aguascalientes	1968	1.11 (0.98–1.24)
Aguascalientes	1969	1.11 (0.99–1.26)
Aguascalientes	1970	1.12 (0.99–1.26)
Aguascalientes	1971	1.12 (1.0–1.25)
Aguascalientes	1972	1.12 (1.01–1.25)
Aguascalientes	1973	1.13 (1.02–1.25)
Aguascalientes	1974	1.12 (1.01–1.24)
Aguascalientes	1975	1.11 (1.0–1.23)
Aguascalientes	1976	1.11 (1.0–1.23)
Aguascalientes	1977	1.11 (1.0–1.24)
Aguascalientes	1978	1.1 (1.0–1.23)
Aguascalientes	1979	1.09 (0.99–1.21)
Aguascalientes	1980	1.07 (0.98–1.18)
Aguascalientes	1981	1.06 (0.97–1.16)
Aguascalientes	1982	1.04 (0.95–1.14)
Aguascalientes	1983	1.03 (0.95–1.12)
Aguascalientes	1984	1.04 (0.96–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Aguascalientes	1985	1.05 (0.97–1.14)
Aguascalientes	1986	1.06 (0.98–1.16)
Aguascalientes	1987	1.05 (0.96–1.14)
Aguascalientes	1988	1.03 (0.95–1.13)
Aguascalientes	1989	1.0 (0.92–1.08)
Aguascalientes	1990	1.0 (0.92–1.08)
Aguascalientes	1991	1.02 (0.93–1.12)
Aguascalientes	1992	1.03 (0.93–1.13)
Aguascalientes	1993	1.03 (0.93–1.15)
Aguascalientes	1994	1.03 (0.92–1.15)
Aguascalientes	1995	1.02 (0.91–1.14)
Aguascalientes	1996	1.02 (0.9–1.14)
Aguascalientes	1997	1.02 (0.9–1.14)
Aguascalientes	1998	1.03 (0.92–1.15)
Aguascalientes	1999	1.04 (0.93–1.15)
Aguascalientes	2000	1.05 (0.96–1.14)
Aguascalientes	2001	1.06 (0.98–1.14)
Aguascalientes	2002	1.07 (0.99–1.14)
Aguascalientes	2003	1.08 (1.0–1.16)
Aguascalientes	2004	1.09 (1.0–1.19)
Aguascalientes	2005	1.11 (1.0–1.24)
Aguascalientes	2006	1.13 (1.0–1.27)
Aguascalientes	2007	1.15 (1.01–1.3)
Aguascalientes	2008	1.17 (1.02–1.34)
Aguascalientes	2009	1.19 (1.03–1.37)
Aguascalientes	2010	1.2 (1.04–1.39)
Aguascalientes	2011	1.2 (1.04–1.4)
Aguascalientes	2012	1.18 (1.02–1.37)
Aguascalientes	2013	1.18 (1.0–1.37)
Aguascalientes	2014	1.18 (1.01–1.37)
Aguascalientes	2015	1.2 (1.02–1.41)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Aguascalientes	2016	1.18 (0.99–1.4)
Aguascalientes	2017	1.19 (0.99–1.41)
Baja California	1950	1.34 (1.08–1.62)
Baja California	1951	1.35 (1.11–1.61)
Baja California	1952	1.31 (1.09–1.54)
Baja California	1953	1.28 (1.1–1.5)
Baja California	1954	1.25 (1.08–1.46)
Baja California	1955	1.23 (1.06–1.42)
Baja California	1956	1.2 (1.04–1.38)
Baja California	1957	1.18 (1.03–1.37)
Baja California	1958	1.17 (1.01–1.35)
Baja California	1959	1.14 (0.98–1.33)
Baja California	1960	1.14 (0.98–1.31)
Baja California	1961	1.13 (0.98–1.29)
Baja California	1962	1.1 (0.96–1.26)
Baja California	1963	1.09 (0.96–1.24)
Baja California	1964	1.09 (0.96–1.24)
Baja California	1965	1.09 (0.96–1.24)
Baja California	1966	1.1 (0.97–1.24)
Baja California	1967	1.1 (0.97–1.23)
Baja California	1968	1.1 (0.98–1.24)
Baja California	1969	1.11 (0.99–1.26)
Baja California	1970	1.12 (0.99–1.25)
Baja California	1971	1.12 (1.0–1.25)
Baja California	1972	1.12 (1.01–1.24)
Baja California	1973	1.13 (1.02–1.25)
Baja California	1974	1.12 (1.01–1.24)
Baja California	1975	1.11 (1.0–1.23)
Baja California	1976	1.11 (1.0–1.23)
Baja California	1977	1.11 (1.0–1.24)
Baja California	1978	1.1 (1.0–1.23)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Baja California	1979	1.09 (0.99–1.21)
Baja California	1980	1.07 (0.98–1.18)
Baja California	1981	1.06 (0.97–1.16)
Baja California	1982	1.04 (0.95–1.14)
Baja California	1983	1.03 (0.95–1.12)
Baja California	1984	1.04 (0.96–1.12)
Baja California	1985	1.05 (0.97–1.14)
Baja California	1986	1.06 (0.98–1.16)
Baja California	1987	1.05 (0.96–1.14)
Baja California	1988	1.03 (0.95–1.13)
Baja California	1989	1.0 (0.92–1.08)
Baja California	1990	1.0 (0.92–1.08)
Baja California	1991	1.02 (0.93–1.12)
Baja California	1992	1.03 (0.93–1.13)
Baja California	1993	1.03 (0.93–1.15)
Baja California	1994	1.03 (0.92–1.15)
Baja California	1995	1.02 (0.91–1.14)
Baja California	1996	1.02 (0.9–1.14)
Baja California	1997	1.02 (0.9–1.14)
Baja California	1998	1.03 (0.92–1.15)
Baja California	1999	1.04 (0.93–1.15)
Baja California	2000	1.05 (0.96–1.14)
Baja California	2001	1.06 (0.98–1.14)
Baja California	2002	1.07 (0.99–1.14)
Baja California	2003	1.08 (1.0–1.16)
Baja California	2004	1.09 (1.0–1.19)
Baja California	2005	1.11 (1.0–1.24)
Baja California	2006	1.13 (1.0–1.27)
Baja California	2007	1.15 (1.01–1.3)
Baja California	2008	1.17 (1.02–1.34)
Baja California	2009	1.19 (1.03–1.37)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Baja California	2010	1.2 (1.04–1.38)
Baja California	2011	1.2 (1.04–1.39)
Baja California	2012	1.18 (1.02–1.37)
Baja California	2013	1.18 (1.0–1.37)
Baja California	2014	1.18 (1.01–1.37)
Baja California	2015	1.2 (1.02–1.41)
Baja California	2016	1.18 (0.99–1.4)
Baja California	2017	1.19 (0.99–1.41)
Baja California Sur	1950	1.34 (1.08–1.62)
Baja California Sur	1951	1.35 (1.11–1.61)
Baja California Sur	1952	1.31 (1.09–1.54)
Baja California Sur	1953	1.28 (1.1–1.5)
Baja California Sur	1954	1.25 (1.08–1.46)
Baja California Sur	1955	1.23 (1.06–1.42)
Baja California Sur	1956	1.2 (1.04–1.38)
Baja California Sur	1957	1.18 (1.03–1.37)
Baja California Sur	1958	1.16 (1.01–1.35)
Baja California Sur	1959	1.14 (0.98–1.32)
Baja California Sur	1960	1.14 (0.98–1.31)
Baja California Sur	1961	1.13 (0.98–1.28)
Baja California Sur	1962	1.1 (0.96–1.26)
Baja California Sur	1963	1.09 (0.96–1.24)
Baja California Sur	1964	1.09 (0.96–1.24)
Baja California Sur	1965	1.09 (0.96–1.24)
Baja California Sur	1966	1.1 (0.97–1.24)
Baja California Sur	1967	1.1 (0.97–1.23)
Baja California Sur	1968	1.1 (0.98–1.24)
Baja California Sur	1969	1.11 (0.99–1.25)
Baja California Sur	1970	1.12 (0.99–1.25)
Baja California Sur	1971	1.12 (1.0–1.25)
Baja California Sur	1972	1.12 (1.01–1.24)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Baja California Sur	1973	1.13 (1.02–1.25)
Baja California Sur	1974	1.12 (1.01–1.24)
Baja California Sur	1975	1.11 (1.0–1.23)
Baja California Sur	1976	1.11 (1.0–1.23)
Baja California Sur	1977	1.11 (1.0–1.24)
Baja California Sur	1978	1.1 (1.0–1.23)
Baja California Sur	1979	1.09 (0.99–1.21)
Baja California Sur	1980	1.07 (0.98–1.18)
Baja California Sur	1981	1.06 (0.97–1.17)
Baja California Sur	1982	1.04 (0.95–1.14)
Baja California Sur	1983	1.03 (0.95–1.12)
Baja California Sur	1984	1.04 (0.96–1.12)
Baja California Sur	1985	1.05 (0.97–1.14)
Baja California Sur	1986	1.06 (0.97–1.16)
Baja California Sur	1987	1.05 (0.96–1.14)
Baja California Sur	1988	1.03 (0.95–1.13)
Baja California Sur	1989	1.0 (0.92–1.08)
Baja California Sur	1990	1.0 (0.92–1.08)
Baja California Sur	1991	1.02 (0.93–1.12)
Baja California Sur	1992	1.03 (0.93–1.13)
Baja California Sur	1993	1.03 (0.93–1.16)
Baja California Sur	1994	1.03 (0.92–1.15)
Baja California Sur	1995	1.02 (0.91–1.15)
Baja California Sur	1996	1.02 (0.9–1.14)
Baja California Sur	1997	1.02 (0.9–1.14)
Baja California Sur	1998	1.03 (0.92–1.15)
Baja California Sur	1999	1.04 (0.93–1.15)
Baja California Sur	2000	1.05 (0.96–1.14)
Baja California Sur	2001	1.06 (0.98–1.14)
Baja California Sur	2002	1.07 (0.99–1.14)
Baja California Sur	2003	1.08 (1.0–1.16)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Baja California Sur	2004	1.09 (1.0–1.19)
Baja California Sur	2005	1.11 (1.0–1.24)
Baja California Sur	2006	1.13 (1.0–1.27)
Baja California Sur	2007	1.15 (1.01–1.3)
Baja California Sur	2008	1.17 (1.02–1.34)
Baja California Sur	2009	1.19 (1.03–1.37)
Baja California Sur	2010	1.2 (1.04–1.38)
Baja California Sur	2011	1.2 (1.04–1.4)
Baja California Sur	2012	1.18 (1.02–1.37)
Baja California Sur	2013	1.18 (1.0–1.37)
Baja California Sur	2014	1.18 (1.01–1.37)
Baja California Sur	2015	1.2 (1.02–1.41)
Baja California Sur	2016	1.18 (0.99–1.4)
Baja California Sur	2017	1.19 (0.99–1.41)
Campeche	1950	1.34 (1.08–1.63)
Campeche	1951	1.35 (1.11–1.62)
Campeche	1952	1.31 (1.09–1.54)
Campeche	1953	1.29 (1.1–1.51)
Campeche	1954	1.25 (1.08–1.47)
Campeche	1955	1.23 (1.07–1.42)
Campeche	1956	1.2 (1.04–1.38)
Campeche	1957	1.19 (1.03–1.37)
Campeche	1958	1.17 (1.01–1.35)
Campeche	1959	1.14 (0.98–1.33)
Campeche	1960	1.14 (0.98–1.31)
Campeche	1961	1.13 (0.98–1.28)
Campeche	1962	1.1 (0.96–1.26)
Campeche	1963	1.09 (0.96–1.24)
Campeche	1964	1.09 (0.96–1.24)
Campeche	1965	1.09 (0.96–1.24)
Campeche	1966	1.1 (0.97–1.24)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Campeche	1967	1.1 (0.97–1.23)
Campeche	1968	1.1 (0.98–1.24)
Campeche	1969	1.11 (0.99–1.25)
Campeche	1970	1.12 (0.99–1.25)
Campeche	1971	1.12 (1.0–1.24)
Campeche	1972	1.12 (1.01–1.24)
Campeche	1973	1.13 (1.02–1.24)
Campeche	1974	1.12 (1.01–1.24)
Campeche	1975	1.11 (1.0–1.23)
Campeche	1976	1.11 (1.0–1.23)
Campeche	1977	1.11 (1.0–1.23)
Campeche	1978	1.1 (1.0–1.23)
Campeche	1979	1.09 (0.99–1.21)
Campeche	1980	1.07 (0.98–1.18)
Campeche	1981	1.06 (0.97–1.16)
Campeche	1982	1.04 (0.95–1.14)
Campeche	1983	1.03 (0.95–1.12)
Campeche	1984	1.04 (0.96–1.12)
Campeche	1985	1.05 (0.97–1.14)
Campeche	1986	1.06 (0.98–1.16)
Campeche	1987	1.05 (0.96–1.14)
Campeche	1988	1.03 (0.95–1.13)
Campeche	1989	1.0 (0.92–1.08)
Campeche	1990	1.0 (0.92–1.08)
Campeche	1991	1.02 (0.93–1.12)
Campeche	1992	1.03 (0.93–1.13)
Campeche	1993	1.03 (0.93–1.15)
Campeche	1994	1.03 (0.92–1.15)
Campeche	1995	1.02 (0.91–1.14)
Campeche	1996	1.02 (0.9–1.14)
Campeche	1997	1.02 (0.9–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Campeche	1998	1.03 (0.92–1.15)
Campeche	1999	1.04 (0.93–1.15)
Campeche	2000	1.05 (0.96–1.14)
Campeche	2001	1.06 (0.98–1.14)
Campeche	2002	1.07 (0.99–1.14)
Campeche	2003	1.08 (1.0–1.16)
Campeche	2004	1.09 (1.0–1.19)
Campeche	2005	1.11 (1.0–1.24)
Campeche	2006	1.13 (1.0–1.27)
Campeche	2007	1.15 (1.01–1.3)
Campeche	2008	1.17 (1.02–1.34)
Campeche	2009	1.19 (1.03–1.37)
Campeche	2010	1.2 (1.04–1.38)
Campeche	2011	1.2 (1.04–1.39)
Campeche	2012	1.18 (1.02–1.36)
Campeche	2013	1.18 (1.0–1.37)
Campeche	2014	1.18 (1.01–1.37)
Campeche	2015	1.2 (1.02–1.41)
Campeche	2016	1.18 (0.99–1.4)
Campeche	2017	1.19 (0.99–1.41)
Chiapas	1950	1.34 (1.08–1.62)
Chiapas	1951	1.34 (1.11–1.6)
Chiapas	1952	1.3 (1.09–1.53)
Chiapas	1953	1.28 (1.1–1.5)
Chiapas	1954	1.25 (1.08–1.46)
Chiapas	1955	1.23 (1.06–1.41)
Chiapas	1956	1.2 (1.04–1.37)
Chiapas	1957	1.18 (1.03–1.36)
Chiapas	1958	1.16 (1.01–1.34)
Chiapas	1959	1.14 (0.98–1.32)
Chiapas	1960	1.14 (0.98–1.3)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Chiapas	1961	1.12 (0.98–1.28)
Chiapas	1962	1.1 (0.96–1.25)
Chiapas	1963	1.09 (0.96–1.24)
Chiapas	1964	1.09 (0.96–1.24)
Chiapas	1965	1.09 (0.96–1.23)
Chiapas	1966	1.1 (0.97–1.23)
Chiapas	1967	1.1 (0.97–1.22)
Chiapas	1968	1.1 (0.98–1.24)
Chiapas	1969	1.11 (0.99–1.25)
Chiapas	1970	1.12 (0.99–1.25)
Chiapas	1971	1.11 (1.0–1.24)
Chiapas	1972	1.12 (1.01–1.24)
Chiapas	1973	1.13 (1.02–1.24)
Chiapas	1974	1.11 (1.01–1.23)
Chiapas	1975	1.11 (1.0–1.23)
Chiapas	1976	1.11 (1.0–1.22)
Chiapas	1977	1.11 (1.0–1.23)
Chiapas	1978	1.1 (1.0–1.23)
Chiapas	1979	1.09 (0.99–1.21)
Chiapas	1980	1.07 (0.98–1.17)
Chiapas	1981	1.06 (0.97–1.16)
Chiapas	1982	1.04 (0.95–1.13)
Chiapas	1983	1.03 (0.95–1.11)
Chiapas	1984	1.04 (0.96–1.12)
Chiapas	1985	1.05 (0.97–1.14)
Chiapas	1986	1.06 (0.98–1.16)
Chiapas	1987	1.05 (0.96–1.14)
Chiapas	1988	1.03 (0.95–1.12)
Chiapas	1989	1.0 (0.92–1.08)
Chiapas	1990	1.0 (0.92–1.08)
Chiapas	1991	1.02 (0.93–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Chiapas	1992	1.03 (0.93–1.13)
Chiapas	1993	1.03 (0.93–1.15)
Chiapas	1994	1.03 (0.92–1.15)
Chiapas	1995	1.02 (0.91–1.14)
Chiapas	1996	1.02 (0.9–1.14)
Chiapas	1997	1.02 (0.9–1.14)
Chiapas	1998	1.03 (0.92–1.15)
Chiapas	1999	1.04 (0.93–1.14)
Chiapas	2000	1.05 (0.96–1.14)
Chiapas	2001	1.06 (0.98–1.14)
Chiapas	2002	1.07 (0.99–1.14)
Chiapas	2003	1.08 (1.0–1.16)
Chiapas	2004	1.09 (1.0–1.19)
Chiapas	2005	1.11 (1.0–1.23)
Chiapas	2006	1.13 (1.0–1.27)
Chiapas	2007	1.15 (1.01–1.3)
Chiapas	2008	1.17 (1.02–1.33)
Chiapas	2009	1.19 (1.03–1.37)
Chiapas	2010	1.2 (1.04–1.38)
Chiapas	2011	1.2 (1.04–1.39)
Chiapas	2012	1.18 (1.02–1.36)
Chiapas	2013	1.17 (1.0–1.36)
Chiapas	2014	1.18 (1.01–1.37)
Chiapas	2015	1.2 (1.02–1.4)
Chiapas	2016	1.18 (0.99–1.4)
Chiapas	2017	1.19 (0.99–1.41)
Chihuahua	1950	1.34 (1.08–1.62)
Chihuahua	1951	1.35 (1.11–1.61)
Chihuahua	1952	1.31 (1.09–1.54)
Chihuahua	1953	1.28 (1.1–1.5)
Chihuahua	1954	1.25 (1.08–1.46)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Chihuahua	1955	1.23 (1.06–1.42)
Chihuahua	1956	1.2 (1.04–1.38)
Chihuahua	1957	1.18 (1.03–1.37)
Chihuahua	1958	1.16 (1.01–1.35)
Chihuahua	1959	1.14 (0.98–1.32)
Chihuahua	1960	1.14 (0.98–1.31)
Chihuahua	1961	1.13 (0.98–1.28)
Chihuahua	1962	1.1 (0.96–1.25)
Chihuahua	1963	1.09 (0.96–1.24)
Chihuahua	1964	1.09 (0.96–1.24)
Chihuahua	1965	1.09 (0.96–1.24)
Chihuahua	1966	1.1 (0.97–1.24)
Chihuahua	1967	1.1 (0.97–1.23)
Chihuahua	1968	1.1 (0.98–1.24)
Chihuahua	1969	1.11 (0.99–1.25)
Chihuahua	1970	1.12 (0.99–1.25)
Chihuahua	1971	1.12 (1.0–1.25)
Chihuahua	1972	1.12 (1.01–1.24)
Chihuahua	1973	1.13 (1.02–1.24)
Chihuahua	1974	1.12 (1.01–1.24)
Chihuahua	1975	1.11 (1.0–1.23)
Chihuahua	1976	1.11 (1.0–1.23)
Chihuahua	1977	1.11 (1.0–1.23)
Chihuahua	1978	1.1 (1.0–1.23)
Chihuahua	1979	1.09 (0.99–1.21)
Chihuahua	1980	1.07 (0.98–1.18)
Chihuahua	1981	1.06 (0.97–1.16)
Chihuahua	1982	1.04 (0.95–1.14)
Chihuahua	1983	1.03 (0.95–1.12)
Chihuahua	1984	1.04 (0.96–1.12)
Chihuahua	1985	1.05 (0.97–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Chihuahua	1986	1.06 (0.98–1.16)
Chihuahua	1987	1.05 (0.96–1.14)
Chihuahua	1988	1.03 (0.95–1.13)
Chihuahua	1989	1.0 (0.92–1.08)
Chihuahua	1990	1.0 (0.92–1.08)
Chihuahua	1991	1.02 (0.93–1.12)
Chihuahua	1992	1.03 (0.93–1.13)
Chihuahua	1993	1.03 (0.93–1.15)
Chihuahua	1994	1.03 (0.92–1.15)
Chihuahua	1995	1.02 (0.91–1.14)
Chihuahua	1996	1.02 (0.9–1.14)
Chihuahua	1997	1.02 (0.9–1.14)
Chihuahua	1998	1.03 (0.92–1.15)
Chihuahua	1999	1.04 (0.93–1.14)
Chihuahua	2000	1.05 (0.96–1.14)
Chihuahua	2001	1.06 (0.98–1.14)
Chihuahua	2002	1.07 (0.99–1.14)
Chihuahua	2003	1.08 (1.0–1.16)
Chihuahua	2004	1.09 (1.0–1.19)
Chihuahua	2005	1.11 (1.0–1.24)
Chihuahua	2006	1.13 (1.0–1.27)
Chihuahua	2007	1.15 (1.01–1.3)
Chihuahua	2008	1.17 (1.02–1.34)
Chihuahua	2009	1.19 (1.03–1.37)
Chihuahua	2010	1.2 (1.04–1.38)
Chihuahua	2011	1.2 (1.04–1.39)
Chihuahua	2012	1.18 (1.02–1.36)
Chihuahua	2013	1.17 (1.0–1.36)
Chihuahua	2014	1.18 (1.01–1.37)
Chihuahua	2015	1.2 (1.02–1.41)
Chihuahua	2016	1.18 (0.99–1.4)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Chihuahua	2017	1.19 (0.99–1.41)
Coahuila	1950	1.34 (1.08–1.62)
Coahuila	1951	1.35 (1.11–1.61)
Coahuila	1952	1.31 (1.09–1.54)
Coahuila	1953	1.28 (1.1–1.5)
Coahuila	1954	1.25 (1.08–1.46)
Coahuila	1955	1.23 (1.06–1.42)
Coahuila	1956	1.2 (1.04–1.38)
Coahuila	1957	1.18 (1.03–1.37)
Coahuila	1958	1.17 (1.01–1.35)
Coahuila	1959	1.14 (0.98–1.32)
Coahuila	1960	1.14 (0.98–1.31)
Coahuila	1961	1.13 (0.98–1.29)
Coahuila	1962	1.1 (0.96–1.26)
Coahuila	1963	1.09 (0.96–1.24)
Coahuila	1964	1.09 (0.96–1.24)
Coahuila	1965	1.09 (0.96–1.24)
Coahuila	1966	1.1 (0.97–1.24)
Coahuila	1967	1.1 (0.97–1.23)
Coahuila	1968	1.1 (0.98–1.24)
Coahuila	1969	1.11 (0.99–1.25)
Coahuila	1970	1.12 (0.99–1.25)
Coahuila	1971	1.12 (1.0–1.24)
Coahuila	1972	1.12 (1.01–1.24)
Coahuila	1973	1.13 (1.02–1.24)
Coahuila	1974	1.12 (1.01–1.24)
Coahuila	1975	1.11 (1.0–1.23)
Coahuila	1976	1.11 (1.0–1.23)
Coahuila	1977	1.11 (1.0–1.23)
Coahuila	1978	1.1 (1.0–1.23)
Coahuila	1979	1.09 (0.99–1.21)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Coahuila	1980	1.07 (0.98–1.18)
Coahuila	1981	1.06 (0.97–1.16)
Coahuila	1982	1.04 (0.95–1.14)
Coahuila	1983	1.03 (0.95–1.12)
Coahuila	1984	1.04 (0.96–1.12)
Coahuila	1985	1.05 (0.97–1.14)
Coahuila	1986	1.06 (0.98–1.16)
Coahuila	1987	1.05 (0.96–1.14)
Coahuila	1988	1.03 (0.95–1.13)
Coahuila	1989	1.0 (0.92–1.08)
Coahuila	1990	1.0 (0.92–1.08)
Coahuila	1991	1.02 (0.93–1.12)
Coahuila	1992	1.03 (0.93–1.13)
Coahuila	1993	1.03 (0.93–1.15)
Coahuila	1994	1.03 (0.92–1.15)
Coahuila	1995	1.02 (0.91–1.14)
Coahuila	1996	1.02 (0.9–1.14)
Coahuila	1997	1.02 (0.9–1.14)
Coahuila	1998	1.03 (0.92–1.15)
Coahuila	1999	1.04 (0.93–1.15)
Coahuila	2000	1.05 (0.96–1.14)
Coahuila	2001	1.06 (0.98–1.14)
Coahuila	2002	1.07 (0.99–1.14)
Coahuila	2003	1.08 (1.0–1.16)
Coahuila	2004	1.09 (1.0–1.19)
Coahuila	2005	1.11 (1.0–1.24)
Coahuila	2006	1.13 (1.0–1.27)
Coahuila	2007	1.15 (1.01–1.3)
Coahuila	2008	1.17 (1.02–1.34)
Coahuila	2009	1.19 (1.03–1.37)
Coahuila	2010	1.2 (1.04–1.39)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Coahuila	2011	1.2 (1.04–1.39)
Coahuila	2012	1.18 (1.02–1.37)
Coahuila	2013	1.18 (1.0–1.37)
Coahuila	2014	1.18 (1.01–1.37)
Coahuila	2015	1.2 (1.02–1.41)
Coahuila	2016	1.18 (0.99–1.4)
Coahuila	2017	1.19 (0.99–1.41)
Colima	1950	1.34 (1.08–1.62)
Colima	1951	1.34 (1.11–1.61)
Colima	1952	1.3 (1.09–1.53)
Colima	1953	1.28 (1.1–1.5)
Colima	1954	1.25 (1.08–1.45)
Colima	1955	1.23 (1.06–1.41)
Colima	1956	1.2 (1.04–1.37)
Colima	1957	1.18 (1.03–1.36)
Colima	1958	1.16 (1.01–1.35)
Colima	1959	1.14 (0.98–1.32)
Colima	1960	1.14 (0.98–1.31)
Colima	1961	1.12 (0.98–1.28)
Colima	1962	1.1 (0.96–1.25)
Colima	1963	1.09 (0.96–1.24)
Colima	1964	1.09 (0.96–1.24)
Colima	1965	1.09 (0.96–1.23)
Colima	1966	1.1 (0.97–1.24)
Colima	1967	1.1 (0.97–1.23)
Colima	1968	1.1 (0.98–1.24)
Colima	1969	1.11 (0.99–1.25)
Colima	1970	1.12 (0.99–1.25)
Colima	1971	1.12 (1.0–1.24)
Colima	1972	1.12 (1.01–1.24)
Colima	1973	1.13 (1.02–1.24)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Colima	1974	1.12 (1.01–1.24)
Colima	1975	1.11 (1.0–1.23)
Colima	1976	1.11 (1.0–1.23)
Colima	1977	1.11 (1.0–1.23)
Colima	1978	1.1 (1.0–1.23)
Colima	1979	1.09 (0.99–1.21)
Colima	1980	1.07 (0.98–1.18)
Colima	1981	1.06 (0.97–1.16)
Colima	1982	1.04 (0.95–1.14)
Colima	1983	1.03 (0.95–1.12)
Colima	1984	1.04 (0.96–1.12)
Colima	1985	1.05 (0.97–1.14)
Colima	1986	1.06 (0.98–1.16)
Colima	1987	1.05 (0.96–1.14)
Colima	1988	1.03 (0.95–1.13)
Colima	1989	1.0 (0.92–1.08)
Colima	1990	1.0 (0.92–1.08)
Colima	1991	1.02 (0.93–1.12)
Colima	1992	1.03 (0.93–1.13)
Colima	1993	1.03 (0.93–1.15)
Colima	1994	1.03 (0.92–1.15)
Colima	1995	1.02 (0.91–1.14)
Colima	1996	1.02 (0.9–1.14)
Colima	1997	1.02 (0.9–1.14)
Colima	1998	1.03 (0.92–1.15)
Colima	1999	1.04 (0.93–1.15)
Colima	2000	1.05 (0.96–1.14)
Colima	2001	1.06 (0.98–1.14)
Colima	2002	1.07 (0.99–1.14)
Colima	2003	1.08 (1.0–1.16)
Colima	2004	1.09 (1.0–1.19)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Colima	2005	1.11 (1.0–1.24)
Colima	2006	1.13 (1.0–1.27)
Colima	2007	1.15 (1.01–1.3)
Colima	2008	1.17 (1.02–1.34)
Colima	2009	1.19 (1.03–1.37)
Colima	2010	1.2 (1.04–1.38)
Colima	2011	1.2 (1.04–1.39)
Colima	2012	1.18 (1.02–1.37)
Colima	2013	1.18 (1.0–1.37)
Colima	2014	1.18 (1.01–1.37)
Colima	2015	1.2 (1.02–1.41)
Colima	2016	1.18 (0.99–1.4)
Colima	2017	1.19 (0.99–1.41)
Mexico City	1950	1.35 (1.08–1.64)
Mexico City	1951	1.36 (1.12–1.63)
Mexico City	1952	1.32 (1.09–1.56)
Mexico City	1953	1.29 (1.1–1.52)
Mexico City	1954	1.26 (1.08–1.47)
Mexico City	1955	1.23 (1.07–1.43)
Mexico City	1956	1.2 (1.04–1.39)
Mexico City	1957	1.19 (1.03–1.37)
Mexico City	1958	1.17 (1.01–1.36)
Mexico City	1959	1.15 (0.98–1.33)
Mexico City	1960	1.14 (0.98–1.31)
Mexico City	1961	1.13 (0.98–1.29)
Mexico City	1962	1.11 (0.96–1.26)
Mexico City	1963	1.1 (0.96–1.25)
Mexico City	1964	1.09 (0.96–1.25)
Mexico City	1965	1.09 (0.96–1.24)
Mexico City	1966	1.1 (0.97–1.24)
Mexico City	1967	1.1 (0.97–1.23)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mexico City	1968	1.11 (0.98–1.25)
Mexico City	1969	1.11 (0.99–1.26)
Mexico City	1970	1.12 (0.99–1.26)
Mexico City	1971	1.12 (1.0–1.25)
Mexico City	1972	1.12 (1.01–1.25)
Mexico City	1973	1.13 (1.02–1.25)
Mexico City	1974	1.12 (1.01–1.24)
Mexico City	1975	1.11 (1.0–1.24)
Mexico City	1976	1.11 (1.0–1.23)
Mexico City	1977	1.11 (1.0–1.24)
Mexico City	1978	1.11 (1.0–1.23)
Mexico City	1979	1.09 (0.99–1.21)
Mexico City	1980	1.07 (0.98–1.18)
Mexico City	1981	1.06 (0.97–1.16)
Mexico City	1982	1.04 (0.95–1.14)
Mexico City	1983	1.03 (0.95–1.12)
Mexico City	1984	1.04 (0.96–1.12)
Mexico City	1985	1.05 (0.97–1.14)
Mexico City	1986	1.06 (0.97–1.16)
Mexico City	1987	1.05 (0.96–1.14)
Mexico City	1988	1.03 (0.95–1.13)
Mexico City	1989	1.0 (0.92–1.08)
Mexico City	1990	1.0 (0.92–1.08)
Mexico City	1991	1.02 (0.93–1.12)
Mexico City	1992	1.03 (0.93–1.13)
Mexico City	1993	1.03 (0.93–1.16)
Mexico City	1994	1.03 (0.92–1.15)
Mexico City	1995	1.02 (0.91–1.14)
Mexico City	1996	1.02 (0.9–1.14)
Mexico City	1997	1.02 (0.9–1.14)
Mexico City	1998	1.03 (0.92–1.15)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mexico City	1999	1.04 (0.93–1.15)
Mexico City	2000	1.05 (0.96–1.14)
Mexico City	2001	1.06 (0.98–1.14)
Mexico City	2002	1.07 (0.99–1.14)
Mexico City	2003	1.08 (1.0–1.16)
Mexico City	2004	1.09 (1.0–1.19)
Mexico City	2005	1.11 (1.0–1.24)
Mexico City	2006	1.13 (1.0–1.27)
Mexico City	2007	1.15 (1.01–1.3)
Mexico City	2008	1.17 (1.02–1.34)
Mexico City	2009	1.19 (1.03–1.37)
Mexico City	2010	1.2 (1.04–1.38)
Mexico City	2011	1.2 (1.04–1.39)
Mexico City	2012	1.18 (1.02–1.36)
Mexico City	2013	1.18 (1.0–1.37)
Mexico City	2014	1.18 (1.01–1.37)
Mexico City	2015	1.2 (1.02–1.41)
Mexico City	2016	1.18 (0.99–1.4)
Mexico City	2017	1.19 (0.99–1.41)
Durango	1950	1.34 (1.08–1.61)
Durango	1951	1.34 (1.11–1.6)
Durango	1952	1.3 (1.09–1.53)
Durango	1953	1.28 (1.1–1.5)
Durango	1954	1.25 (1.08–1.46)
Durango	1955	1.23 (1.06–1.42)
Durango	1956	1.2 (1.04–1.38)
Durango	1957	1.18 (1.03–1.36)
Durango	1958	1.16 (1.01–1.35)
Durango	1959	1.14 (0.98–1.32)
Durango	1960	1.14 (0.98–1.3)
Durango	1961	1.12 (0.98–1.28)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Durango	1962	1.1 (0.96–1.25)
Durango	1963	1.09 (0.96–1.24)
Durango	1964	1.09 (0.96–1.24)
Durango	1965	1.09 (0.96–1.24)
Durango	1966	1.1 (0.97–1.24)
Durango	1967	1.1 (0.97–1.23)
Durango	1968	1.1 (0.98–1.24)
Durango	1969	1.11 (0.99–1.25)
Durango	1970	1.12 (0.99–1.25)
Durango	1971	1.12 (1.0–1.24)
Durango	1972	1.12 (1.01–1.24)
Durango	1973	1.13 (1.02–1.24)
Durango	1974	1.12 (1.01–1.24)
Durango	1975	1.11 (1.0–1.23)
Durango	1976	1.11 (1.0–1.23)
Durango	1977	1.11 (1.0–1.23)
Durango	1978	1.1 (1.0–1.23)
Durango	1979	1.09 (0.99–1.21)
Durango	1980	1.07 (0.98–1.18)
Durango	1981	1.06 (0.97–1.16)
Durango	1982	1.04 (0.95–1.14)
Durango	1983	1.03 (0.95–1.12)
Durango	1984	1.04 (0.96–1.12)
Durango	1985	1.05 (0.97–1.14)
Durango	1986	1.06 (0.98–1.16)
Durango	1987	1.05 (0.96–1.14)
Durango	1988	1.03 (0.95–1.13)
Durango	1989	1.0 (0.92–1.08)
Durango	1990	1.0 (0.92–1.08)
Durango	1991	1.02 (0.93–1.12)
Durango	1992	1.03 (0.93–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Durango	1993	1.03 (0.93–1.15)
Durango	1994	1.03 (0.92–1.15)
Durango	1995	1.02 (0.91–1.14)
Durango	1996	1.02 (0.9–1.14)
Durango	1997	1.02 (0.9–1.14)
Durango	1998	1.03 (0.92–1.15)
Durango	1999	1.04 (0.93–1.15)
Durango	2000	1.05 (0.96–1.14)
Durango	2001	1.06 (0.98–1.14)
Durango	2002	1.07 (0.99–1.14)
Durango	2003	1.08 (1.0–1.16)
Durango	2004	1.09 (1.0–1.19)
Durango	2005	1.11 (1.0–1.24)
Durango	2006	1.13 (1.0–1.27)
Durango	2007	1.15 (1.01–1.3)
Durango	2008	1.17 (1.02–1.34)
Durango	2009	1.19 (1.03–1.37)
Durango	2010	1.2 (1.04–1.38)
Durango	2011	1.2 (1.04–1.39)
Durango	2012	1.18 (1.02–1.36)
Durango	2013	1.18 (1.0–1.37)
Durango	2014	1.18 (1.01–1.37)
Durango	2015	1.2 (1.02–1.41)
Durango	2016	1.18 (0.99–1.4)
Durango	2017	1.19 (0.99–1.41)
Guanajuato	1950	1.33 (1.08–1.61)
Guanajuato	1951	1.34 (1.11–1.6)
Guanajuato	1952	1.3 (1.09–1.53)
Guanajuato	1953	1.28 (1.1–1.49)
Guanajuato	1954	1.25 (1.08–1.45)
Guanajuato	1955	1.22 (1.06–1.41)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Guanajuato	1956	1.19 (1.04–1.37)
Guanajuato	1957	1.18 (1.03–1.36)
Guanajuato	1958	1.16 (1.01–1.34)
Guanajuato	1959	1.14 (0.98–1.32)
Guanajuato	1960	1.14 (0.98–1.3)
Guanajuato	1961	1.12 (0.98–1.28)
Guanajuato	1962	1.1 (0.96–1.25)
Guanajuato	1963	1.09 (0.96–1.24)
Guanajuato	1964	1.09 (0.96–1.24)
Guanajuato	1965	1.09 (0.96–1.23)
Guanajuato	1966	1.1 (0.97–1.23)
Guanajuato	1967	1.1 (0.97–1.22)
Guanajuato	1968	1.1 (0.98–1.24)
Guanajuato	1969	1.11 (0.99–1.25)
Guanajuato	1970	1.12 (0.99–1.25)
Guanajuato	1971	1.11 (1.0–1.24)
Guanajuato	1972	1.12 (1.01–1.24)
Guanajuato	1973	1.13 (1.02–1.24)
Guanajuato	1974	1.11 (1.01–1.23)
Guanajuato	1975	1.11 (1.0–1.23)
Guanajuato	1976	1.11 (1.0–1.23)
Guanajuato	1977	1.11 (1.0–1.23)
Guanajuato	1978	1.1 (1.0–1.23)
Guanajuato	1979	1.09 (0.99–1.21)
Guanajuato	1980	1.07 (0.98–1.18)
Guanajuato	1981	1.06 (0.97–1.16)
Guanajuato	1982	1.04 (0.95–1.14)
Guanajuato	1983	1.03 (0.95–1.12)
Guanajuato	1984	1.04 (0.96–1.12)
Guanajuato	1985	1.05 (0.97–1.14)
Guanajuato	1986	1.06 (0.98–1.16)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Guanajuato	1987	1.05 (0.96–1.14)
Guanajuato	1988	1.03 (0.95–1.13)
Guanajuato	1989	1.0 (0.92–1.08)
Guanajuato	1990	1.0 (0.92–1.08)
Guanajuato	1991	1.02 (0.93–1.12)
Guanajuato	1992	1.03 (0.93–1.13)
Guanajuato	1993	1.03 (0.93–1.15)
Guanajuato	1994	1.03 (0.92–1.15)
Guanajuato	1995	1.02 (0.91–1.14)
Guanajuato	1996	1.02 (0.9–1.14)
Guanajuato	1997	1.02 (0.9–1.14)
Guanajuato	1998	1.03 (0.92–1.15)
Guanajuato	1999	1.04 (0.93–1.15)
Guanajuato	2000	1.05 (0.96–1.14)
Guanajuato	2001	1.06 (0.98–1.14)
Guanajuato	2002	1.07 (0.99–1.14)
Guanajuato	2003	1.08 (1.0–1.16)
Guanajuato	2004	1.09 (1.0–1.19)
Guanajuato	2005	1.11 (1.0–1.24)
Guanajuato	2006	1.13 (1.0–1.27)
Guanajuato	2007	1.15 (1.01–1.3)
Guanajuato	2008	1.17 (1.02–1.34)
Guanajuato	2009	1.19 (1.03–1.37)
Guanajuato	2010	1.2 (1.04–1.38)
Guanajuato	2011	1.2 (1.04–1.39)
Guanajuato	2012	1.18 (1.02–1.37)
Guanajuato	2013	1.18 (1.0–1.37)
Guanajuato	2014	1.18 (1.01–1.37)
Guanajuato	2015	1.2 (1.02–1.41)
Guanajuato	2016	1.18 (0.99–1.4)
Guanajuato	2017	1.19 (0.99–1.41)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Guerrero	1950	1.33 (1.08–1.6)
Guerrero	1951	1.33 (1.11–1.59)
Guerrero	1952	1.3 (1.09–1.52)
Guerrero	1953	1.27 (1.1–1.49)
Guerrero	1954	1.24 (1.08–1.45)
Guerrero	1955	1.22 (1.06–1.4)
Guerrero	1956	1.19 (1.04–1.37)
Guerrero	1957	1.18 (1.03–1.35)
Guerrero	1958	1.16 (1.01–1.34)
Guerrero	1959	1.14 (0.98–1.31)
Guerrero	1960	1.13 (0.98–1.29)
Guerrero	1961	1.12 (0.98–1.27)
Guerrero	1962	1.1 (0.97–1.25)
Guerrero	1963	1.09 (0.96–1.24)
Guerrero	1964	1.09 (0.96–1.24)
Guerrero	1965	1.09 (0.96–1.23)
Guerrero	1966	1.09 (0.97–1.23)
Guerrero	1967	1.1 (0.97–1.22)
Guerrero	1968	1.1 (0.98–1.23)
Guerrero	1969	1.11 (0.99–1.25)
Guerrero	1970	1.11 (0.99–1.25)
Guerrero	1971	1.11 (1.0–1.24)
Guerrero	1972	1.12 (1.01–1.24)
Guerrero	1973	1.13 (1.02–1.24)
Guerrero	1974	1.11 (1.01–1.23)
Guerrero	1975	1.11 (1.0–1.23)
Guerrero	1976	1.11 (1.0–1.22)
Guerrero	1977	1.11 (1.0–1.23)
Guerrero	1978	1.1 (1.0–1.22)
Guerrero	1979	1.09 (0.99–1.21)
Guerrero	1980	1.07 (0.98–1.17)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Guerrero	1981	1.06 (0.97–1.16)
Guerrero	1982	1.04 (0.95–1.13)
Guerrero	1983	1.03 (0.95–1.11)
Guerrero	1984	1.04 (0.96–1.11)
Guerrero	1985	1.05 (0.97–1.14)
Guerrero	1986	1.06 (0.98–1.16)
Guerrero	1987	1.05 (0.96–1.14)
Guerrero	1988	1.03 (0.95–1.12)
Guerrero	1989	1.0 (0.92–1.08)
Guerrero	1990	1.0 (0.92–1.08)
Guerrero	1991	1.02 (0.93–1.12)
Guerrero	1992	1.03 (0.93–1.13)
Guerrero	1993	1.03 (0.93–1.15)
Guerrero	1994	1.03 (0.92–1.15)
Guerrero	1995	1.02 (0.91–1.14)
Guerrero	1996	1.02 (0.9–1.14)
Guerrero	1997	1.02 (0.9–1.14)
Guerrero	1998	1.03 (0.92–1.15)
Guerrero	1999	1.04 (0.93–1.14)
Guerrero	2000	1.05 (0.96–1.14)
Guerrero	2001	1.06 (0.98–1.14)
Guerrero	2002	1.07 (0.99–1.14)
Guerrero	2003	1.08 (1.0–1.16)
Guerrero	2004	1.09 (1.0–1.19)
Guerrero	2005	1.11 (1.0–1.23)
Guerrero	2006	1.13 (1.0–1.27)
Guerrero	2007	1.15 (1.01–1.3)
Guerrero	2008	1.17 (1.02–1.33)
Guerrero	2009	1.19 (1.03–1.37)
Guerrero	2010	1.2 (1.04–1.38)
Guerrero	2011	1.2 (1.04–1.39)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Guerrero	2012	1.18 (1.02–1.36)
Guerrero	2013	1.17 (1.0–1.36)
Guerrero	2014	1.18 (1.01–1.37)
Guerrero	2015	1.2 (1.02–1.4)
Guerrero	2016	1.18 (0.99–1.4)
Guerrero	2017	1.19 (0.99–1.41)
Hidalgo	1950	1.34 (1.08–1.63)
Hidalgo	1951	1.35 (1.11–1.62)
Hidalgo	1952	1.31 (1.09–1.54)
Hidalgo	1953	1.28 (1.1–1.5)
Hidalgo	1954	1.25 (1.08–1.46)
Hidalgo	1955	1.23 (1.06–1.42)
Hidalgo	1956	1.2 (1.04–1.38)
Hidalgo	1957	1.18 (1.03–1.37)
Hidalgo	1958	1.17 (1.01–1.35)
Hidalgo	1959	1.14 (0.98–1.33)
Hidalgo	1960	1.14 (0.98–1.31)
Hidalgo	1961	1.13 (0.98–1.28)
Hidalgo	1962	1.1 (0.96–1.26)
Hidalgo	1963	1.09 (0.96–1.24)
Hidalgo	1964	1.09 (0.96–1.25)
Hidalgo	1965	1.09 (0.96–1.24)
Hidalgo	1966	1.1 (0.97–1.24)
Hidalgo	1967	1.1 (0.97–1.23)
Hidalgo	1968	1.1 (0.98–1.24)
Hidalgo	1969	1.11 (0.99–1.25)
Hidalgo	1970	1.12 (0.99–1.25)
Hidalgo	1971	1.12 (1.0–1.24)
Hidalgo	1972	1.12 (1.01–1.24)
Hidalgo	1973	1.13 (1.02–1.24)
Hidalgo	1974	1.12 (1.01–1.24)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hidalgo	1975	1.11 (1.0–1.23)
Hidalgo	1976	1.11 (1.0–1.23)
Hidalgo	1977	1.11 (1.0–1.23)
Hidalgo	1978	1.1 (1.0–1.23)
Hidalgo	1979	1.09 (0.99–1.21)
Hidalgo	1980	1.07 (0.98–1.18)
Hidalgo	1981	1.06 (0.97–1.16)
Hidalgo	1982	1.04 (0.95–1.14)
Hidalgo	1983	1.03 (0.95–1.12)
Hidalgo	1984	1.04 (0.96–1.12)
Hidalgo	1985	1.05 (0.97–1.14)
Hidalgo	1986	1.06 (0.98–1.16)
Hidalgo	1987	1.05 (0.96–1.14)
Hidalgo	1988	1.03 (0.95–1.13)
Hidalgo	1989	1.0 (0.92–1.08)
Hidalgo	1990	1.0 (0.92–1.08)
Hidalgo	1991	1.02 (0.93–1.12)
Hidalgo	1992	1.03 (0.93–1.13)
Hidalgo	1993	1.03 (0.93–1.15)
Hidalgo	1994	1.03 (0.92–1.15)
Hidalgo	1995	1.02 (0.91–1.14)
Hidalgo	1996	1.02 (0.9–1.14)
Hidalgo	1997	1.02 (0.9–1.14)
Hidalgo	1998	1.03 (0.92–1.15)
Hidalgo	1999	1.04 (0.93–1.15)
Hidalgo	2000	1.05 (0.96–1.14)
Hidalgo	2001	1.06 (0.98–1.14)
Hidalgo	2002	1.07 (0.99–1.14)
Hidalgo	2003	1.08 (1.0–1.16)
Hidalgo	2004	1.09 (1.0–1.19)
Hidalgo	2005	1.11 (1.0–1.24)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Hidalgo	2006	1.13 (1.0–1.27)
Hidalgo	2007	1.15 (1.01–1.3)
Hidalgo	2008	1.17 (1.02–1.34)
Hidalgo	2009	1.19 (1.03–1.37)
Hidalgo	2010	1.2 (1.04–1.39)
Hidalgo	2011	1.2 (1.04–1.4)
Hidalgo	2012	1.18 (1.02–1.37)
Hidalgo	2013	1.18 (1.0–1.37)
Hidalgo	2014	1.18 (1.01–1.37)
Hidalgo	2015	1.2 (1.02–1.41)
Hidalgo	2016	1.18 (0.99–1.4)
Hidalgo	2017	1.19 (0.99–1.41)
Jalisco	1950	1.34 (1.08–1.62)
Jalisco	1951	1.35 (1.11–1.61)
Jalisco	1952	1.31 (1.09–1.54)
Jalisco	1953	1.28 (1.1–1.5)
Jalisco	1954	1.25 (1.08–1.46)
Jalisco	1955	1.23 (1.06–1.42)
Jalisco	1956	1.2 (1.04–1.38)
Jalisco	1957	1.18 (1.03–1.37)
Jalisco	1958	1.16 (1.01–1.35)
Jalisco	1959	1.14 (0.98–1.32)
Jalisco	1960	1.14 (0.98–1.31)
Jalisco	1961	1.12 (0.98–1.28)
Jalisco	1962	1.1 (0.96–1.26)
Jalisco	1963	1.09 (0.96–1.24)
Jalisco	1964	1.09 (0.96–1.24)
Jalisco	1965	1.09 (0.96–1.24)
Jalisco	1966	1.1 (0.97–1.24)
Jalisco	1967	1.1 (0.97–1.23)
Jalisco	1968	1.1 (0.98–1.24)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Jalisco	1969	1.11 (0.99–1.25)
Jalisco	1970	1.12 (0.99–1.25)
Jalisco	1971	1.12 (1.0–1.24)
Jalisco	1972	1.12 (1.01–1.24)
Jalisco	1973	1.13 (1.02–1.25)
Jalisco	1974	1.12 (1.01–1.24)
Jalisco	1975	1.11 (1.0–1.23)
Jalisco	1976	1.11 (1.0–1.23)
Jalisco	1977	1.11 (1.0–1.24)
Jalisco	1978	1.1 (1.0–1.23)
Jalisco	1979	1.09 (0.99–1.21)
Jalisco	1980	1.07 (0.98–1.18)
Jalisco	1981	1.06 (0.97–1.16)
Jalisco	1982	1.04 (0.95–1.14)
Jalisco	1983	1.03 (0.95–1.12)
Jalisco	1984	1.04 (0.96–1.12)
Jalisco	1985	1.05 (0.97–1.14)
Jalisco	1986	1.06 (0.98–1.16)
Jalisco	1987	1.05 (0.96–1.14)
Jalisco	1988	1.03 (0.95–1.13)
Jalisco	1989	1.0 (0.92–1.08)
Jalisco	1990	1.0 (0.92–1.08)
Jalisco	1991	1.02 (0.93–1.12)
Jalisco	1992	1.03 (0.93–1.13)
Jalisco	1993	1.03 (0.93–1.15)
Jalisco	1994	1.03 (0.92–1.15)
Jalisco	1995	1.02 (0.91–1.14)
Jalisco	1996	1.02 (0.9–1.14)
Jalisco	1997	1.02 (0.9–1.14)
Jalisco	1998	1.03 (0.92–1.15)
Jalisco	1999	1.04 (0.93–1.15)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Jalisco	2000	1.05 (0.96–1.14)
Jalisco	2001	1.06 (0.98–1.14)
Jalisco	2002	1.07 (0.99–1.14)
Jalisco	2003	1.08 (1.0–1.16)
Jalisco	2004	1.09 (1.0–1.19)
Jalisco	2005	1.11 (1.0–1.24)
Jalisco	2006	1.13 (1.0–1.27)
Jalisco	2007	1.15 (1.01–1.3)
Jalisco	2008	1.17 (1.02–1.34)
Jalisco	2009	1.19 (1.03–1.37)
Jalisco	2010	1.2 (1.04–1.38)
Jalisco	2011	1.2 (1.04–1.39)
Jalisco	2012	1.18 (1.02–1.37)
Jalisco	2013	1.18 (1.0–1.37)
Jalisco	2014	1.18 (1.01–1.37)
Jalisco	2015	1.2 (1.02–1.41)
Jalisco	2016	1.18 (0.99–1.4)
Jalisco	2017	1.19 (0.99–1.41)
México	1950	1.35 (1.08–1.64)
México	1951	1.35 (1.11–1.62)
México	1952	1.31 (1.09–1.55)
México	1953	1.29 (1.1–1.51)
México	1954	1.25 (1.08–1.47)
México	1955	1.23 (1.07–1.42)
México	1956	1.2 (1.04–1.38)
México	1957	1.19 (1.03–1.37)
México	1958	1.17 (1.01–1.35)
México	1959	1.14 (0.98–1.33)
México	1960	1.14 (0.98–1.31)
México	1961	1.13 (0.98–1.29)
México	1962	1.1 (0.96–1.26)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
México	1963	1.09 (0.96–1.24)
México	1964	1.09 (0.96–1.25)
México	1965	1.09 (0.96–1.24)
México	1966	1.1 (0.97–1.24)
México	1967	1.1 (0.97–1.23)
México	1968	1.1 (0.98–1.24)
México	1969	1.11 (0.99–1.26)
México	1970	1.12 (0.99–1.25)
México	1971	1.12 (1.0–1.25)
México	1972	1.12 (1.01–1.24)
México	1973	1.13 (1.02–1.25)
México	1974	1.12 (1.01–1.24)
México	1975	1.11 (1.0–1.23)
México	1976	1.11 (1.0–1.23)
México	1977	1.11 (1.0–1.23)
México	1978	1.1 (1.0–1.23)
México	1979	1.09 (0.99–1.21)
México	1980	1.07 (0.98–1.18)
México	1981	1.06 (0.97–1.16)
México	1982	1.04 (0.95–1.14)
México	1983	1.03 (0.95–1.12)
México	1984	1.04 (0.96–1.12)
México	1985	1.05 (0.97–1.14)
México	1986	1.06 (0.98–1.16)
México	1987	1.05 (0.96–1.14)
México	1988	1.03 (0.95–1.13)
México	1989	1.0 (0.92–1.08)
México	1990	1.0 (0.92–1.08)
México	1991	1.02 (0.93–1.12)
México	1992	1.03 (0.93–1.13)
México	1993	1.03 (0.93–1.15)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
México	1994	1.03 (0.92–1.15)
México	1995	1.02 (0.91–1.14)
México	1996	1.02 (0.9–1.14)
México	1997	1.02 (0.9–1.14)
México	1998	1.03 (0.92–1.15)
México	1999	1.04 (0.93–1.15)
México	2000	1.05 (0.96–1.14)
México	2001	1.06 (0.98–1.14)
México	2002	1.07 (0.99–1.14)
México	2003	1.08 (1.0–1.16)
México	2004	1.09 (1.0–1.19)
México	2005	1.11 (1.0–1.24)
México	2006	1.13 (1.0–1.27)
México	2007	1.15 (1.01–1.3)
México	2008	1.17 (1.02–1.34)
México	2009	1.19 (1.03–1.37)
México	2010	1.2 (1.04–1.38)
México	2011	1.2 (1.04–1.39)
México	2012	1.18 (1.02–1.36)
México	2013	1.18 (1.0–1.37)
México	2014	1.18 (1.01–1.37)
México	2015	1.2 (1.02–1.41)
México	2016	1.18 (0.99–1.4)
México	2017	1.19 (0.99–1.41)
Michoacán de Ocampo	1950	1.33 (1.08–1.61)
Michoacán de Ocampo	1951	1.34 (1.11–1.6)
Michoacán de Ocampo	1952	1.3 (1.09–1.53)
Michoacán de Ocampo	1953	1.28 (1.1–1.49)
Michoacán de Ocampo	1954	1.25 (1.08–1.45)
Michoacán de Ocampo	1955	1.22 (1.06–1.41)
Michoacán de Ocampo	1956	1.2 (1.04–1.37)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Michoacán de Ocampo	1957	1.18 (1.03–1.36)
Michoacán de Ocampo	1958	1.16 (1.01–1.34)
Michoacán de Ocampo	1959	1.14 (0.98–1.32)
Michoacán de Ocampo	1960	1.14 (0.98–1.3)
Michoacán de Ocampo	1961	1.12 (0.98–1.28)
Michoacán de Ocampo	1962	1.1 (0.96–1.25)
Michoacán de Ocampo	1963	1.09 (0.96–1.24)
Michoacán de Ocampo	1964	1.09 (0.96–1.24)
Michoacán de Ocampo	1965	1.09 (0.96–1.23)
Michoacán de Ocampo	1966	1.1 (0.97–1.24)
Michoacán de Ocampo	1967	1.1 (0.97–1.23)
Michoacán de Ocampo	1968	1.1 (0.98–1.24)
Michoacán de Ocampo	1969	1.11 (0.99–1.25)
Michoacán de Ocampo	1970	1.12 (0.99–1.25)
Michoacán de Ocampo	1971	1.12 (1.0–1.24)
Michoacán de Ocampo	1972	1.12 (1.01–1.24)
Michoacán de Ocampo	1973	1.13 (1.02–1.24)
Michoacán de Ocampo	1974	1.12 (1.01–1.24)
Michoacán de Ocampo	1975	1.11 (1.0–1.23)
Michoacán de Ocampo	1976	1.11 (1.0–1.23)
Michoacán de Ocampo	1977	1.11 (1.0–1.23)
Michoacán de Ocampo	1978	1.1 (1.0–1.23)
Michoacán de Ocampo	1979	1.09 (0.99–1.21)
Michoacán de Ocampo	1980	1.07 (0.98–1.18)
Michoacán de Ocampo	1981	1.06 (0.97–1.16)
Michoacán de Ocampo	1982	1.04 (0.95–1.14)
Michoacán de Ocampo	1983	1.03 (0.95–1.12)
Michoacán de Ocampo	1984	1.04 (0.96–1.12)
Michoacán de Ocampo	1985	1.05 (0.97–1.14)
Michoacán de Ocampo	1986	1.06 (0.98–1.16)
Michoacán de Ocampo	1987	1.05 (0.96–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Michoacán de Ocampo	1988	1.03 (0.95–1.13)
Michoacán de Ocampo	1989	1.0 (0.92–1.08)
Michoacán de Ocampo	1990	1.0 (0.92–1.08)
Michoacán de Ocampo	1991	1.02 (0.93–1.12)
Michoacán de Ocampo	1992	1.03 (0.93–1.13)
Michoacán de Ocampo	1993	1.03 (0.93–1.15)
Michoacán de Ocampo	1994	1.03 (0.92–1.15)
Michoacán de Ocampo	1995	1.02 (0.91–1.14)
Michoacán de Ocampo	1996	1.02 (0.9–1.14)
Michoacán de Ocampo	1997	1.02 (0.9–1.14)
Michoacán de Ocampo	1998	1.03 (0.92–1.15)
Michoacán de Ocampo	1999	1.04 (0.93–1.15)
Michoacán de Ocampo	2000	1.05 (0.96–1.14)
Michoacán de Ocampo	2001	1.06 (0.98–1.14)
Michoacán de Ocampo	2002	1.07 (0.99–1.14)
Michoacán de Ocampo	2003	1.08 (1.0–1.16)
Michoacán de Ocampo	2004	1.09 (1.0–1.19)
Michoacán de Ocampo	2005	1.11 (1.0–1.24)
Michoacán de Ocampo	2006	1.13 (1.0–1.27)
Michoacán de Ocampo	2007	1.15 (1.01–1.3)
Michoacán de Ocampo	2008	1.17 (1.02–1.34)
Michoacán de Ocampo	2009	1.19 (1.03–1.37)
Michoacán de Ocampo	2010	1.2 (1.04–1.38)
Michoacán de Ocampo	2011	1.2 (1.04–1.39)
Michoacán de Ocampo	2012	1.18 (1.02–1.36)
Michoacán de Ocampo	2013	1.18 (1.0–1.37)
Michoacán de Ocampo	2014	1.18 (1.01–1.37)
Michoacán de Ocampo	2015	1.2 (1.02–1.41)
Michoacán de Ocampo	2016	1.18 (0.99–1.4)
Michoacán de Ocampo	2017	1.19 (0.99–1.41)
Morelos	1950	1.34 (1.08–1.62)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Morelos	1951	1.35 (1.11–1.61)
Morelos	1952	1.31 (1.09–1.54)
Morelos	1953	1.28 (1.1–1.5)
Morelos	1954	1.25 (1.08–1.46)
Morelos	1955	1.23 (1.06–1.42)
Morelos	1956	1.2 (1.04–1.38)
Morelos	1957	1.18 (1.03–1.37)
Morelos	1958	1.16 (1.01–1.35)
Morelos	1959	1.14 (0.98–1.32)
Morelos	1960	1.14 (0.98–1.31)
Morelos	1961	1.12 (0.98–1.28)
Morelos	1962	1.1 (0.96–1.26)
Morelos	1963	1.09 (0.96–1.24)
Morelos	1964	1.09 (0.96–1.24)
Morelos	1965	1.09 (0.96–1.24)
Morelos	1966	1.1 (0.97–1.24)
Morelos	1967	1.1 (0.97–1.23)
Morelos	1968	1.1 (0.98–1.24)
Morelos	1969	1.11 (0.99–1.25)
Morelos	1970	1.12 (0.99–1.25)
Morelos	1971	1.12 (1.0–1.24)
Morelos	1972	1.12 (1.01–1.24)
Morelos	1973	1.13 (1.02–1.24)
Morelos	1974	1.12 (1.01–1.24)
Morelos	1975	1.11 (1.0–1.23)
Morelos	1976	1.11 (1.0–1.23)
Morelos	1977	1.11 (1.0–1.23)
Morelos	1978	1.1 (1.0–1.23)
Morelos	1979	1.09 (0.99–1.21)
Morelos	1980	1.07 (0.98–1.18)
Morelos	1981	1.06 (0.97–1.16)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Morelos	1982	1.04 (0.95–1.14)
Morelos	1983	1.03 (0.95–1.12)
Morelos	1984	1.04 (0.96–1.12)
Morelos	1985	1.05 (0.97–1.14)
Morelos	1986	1.06 (0.98–1.16)
Morelos	1987	1.05 (0.96–1.14)
Morelos	1988	1.03 (0.95–1.13)
Morelos	1989	1.0 (0.92–1.08)
Morelos	1990	1.0 (0.92–1.08)
Morelos	1991	1.02 (0.93–1.12)
Morelos	1992	1.03 (0.93–1.13)
Morelos	1993	1.03 (0.93–1.15)
Morelos	1994	1.03 (0.92–1.15)
Morelos	1995	1.02 (0.91–1.14)
Morelos	1996	1.02 (0.9–1.14)
Morelos	1997	1.02 (0.9–1.14)
Morelos	1998	1.03 (0.92–1.15)
Morelos	1999	1.04 (0.93–1.15)
Morelos	2000	1.05 (0.96–1.14)
Morelos	2001	1.06 (0.98–1.14)
Morelos	2002	1.07 (0.99–1.14)
Morelos	2003	1.08 (1.0–1.16)
Morelos	2004	1.09 (1.0–1.19)
Morelos	2005	1.11 (1.0–1.24)
Morelos	2006	1.13 (1.0–1.27)
Morelos	2007	1.15 (1.01–1.3)
Morelos	2008	1.17 (1.02–1.34)
Morelos	2009	1.19 (1.03–1.37)
Morelos	2010	1.2 (1.04–1.38)
Morelos	2011	1.2 (1.04–1.39)
Morelos	2012	1.18 (1.02–1.37)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Morelos	2013	1.18 (1.0–1.37)
Morelos	2014	1.18 (1.01–1.37)
Morelos	2015	1.2 (1.02–1.41)
Morelos	2016	1.18 (0.99–1.4)
Morelos	2017	1.19 (0.99–1.41)
Nayarit	1950	1.34 (1.08–1.61)
Nayarit	1951	1.34 (1.11–1.6)
Nayarit	1952	1.3 (1.09–1.53)
Nayarit	1953	1.28 (1.1–1.49)
Nayarit	1954	1.25 (1.08–1.46)
Nayarit	1955	1.22 (1.06–1.41)
Nayarit	1956	1.2 (1.04–1.37)
Nayarit	1957	1.18 (1.03–1.36)
Nayarit	1958	1.16 (1.01–1.34)
Nayarit	1959	1.14 (0.98–1.32)
Nayarit	1960	1.14 (0.98–1.3)
Nayarit	1961	1.12 (0.98–1.28)
Nayarit	1962	1.1 (0.96–1.25)
Nayarit	1963	1.09 (0.96–1.24)
Nayarit	1964	1.09 (0.96–1.24)
Nayarit	1965	1.09 (0.96–1.23)
Nayarit	1966	1.1 (0.97–1.24)
Nayarit	1967	1.1 (0.97–1.23)
Nayarit	1968	1.1 (0.98–1.24)
Nayarit	1969	1.11 (0.99–1.25)
Nayarit	1970	1.12 (0.99–1.25)
Nayarit	1971	1.12 (1.0–1.24)
Nayarit	1972	1.12 (1.01–1.24)
Nayarit	1973	1.13 (1.02–1.24)
Nayarit	1974	1.12 (1.01–1.24)
Nayarit	1975	1.11 (1.0–1.23)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nayarit	1976	1.11 (1.0–1.23)
Nayarit	1977	1.11 (1.0–1.23)
Nayarit	1978	1.1 (1.0–1.23)
Nayarit	1979	1.09 (0.99–1.21)
Nayarit	1980	1.07 (0.98–1.18)
Nayarit	1981	1.06 (0.97–1.16)
Nayarit	1982	1.04 (0.95–1.14)
Nayarit	1983	1.03 (0.95–1.12)
Nayarit	1984	1.04 (0.96–1.12)
Nayarit	1985	1.05 (0.97–1.14)
Nayarit	1986	1.06 (0.98–1.16)
Nayarit	1987	1.05 (0.96–1.14)
Nayarit	1988	1.03 (0.95–1.13)
Nayarit	1989	1.0 (0.92–1.08)
Nayarit	1990	1.0 (0.92–1.08)
Nayarit	1991	1.02 (0.93–1.12)
Nayarit	1992	1.03 (0.93–1.13)
Nayarit	1993	1.03 (0.93–1.15)
Nayarit	1994	1.03 (0.92–1.15)
Nayarit	1995	1.02 (0.91–1.14)
Nayarit	1996	1.02 (0.9–1.14)
Nayarit	1997	1.02 (0.9–1.14)
Nayarit	1998	1.03 (0.92–1.15)
Nayarit	1999	1.04 (0.93–1.15)
Nayarit	2000	1.05 (0.96–1.14)
Nayarit	2001	1.06 (0.98–1.14)
Nayarit	2002	1.07 (0.99–1.14)
Nayarit	2003	1.08 (1.0–1.16)
Nayarit	2004	1.09 (1.0–1.19)
Nayarit	2005	1.11 (1.0–1.24)
Nayarit	2006	1.13 (1.0–1.27)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nayarit	2007	1.15 (1.01–1.3)
Nayarit	2008	1.17 (1.02–1.34)
Nayarit	2009	1.19 (1.03–1.37)
Nayarit	2010	1.2 (1.04–1.39)
Nayarit	2011	1.2 (1.04–1.4)
Nayarit	2012	1.18 (1.02–1.37)
Nayarit	2013	1.18 (1.0–1.37)
Nayarit	2014	1.18 (1.01–1.37)
Nayarit	2015	1.2 (1.02–1.41)
Nayarit	2016	1.18 (0.99–1.4)
Nayarit	2017	1.19 (0.99–1.41)
Nuevo León	1950	1.34 (1.08–1.63)
Nuevo León	1951	1.35 (1.11–1.62)
Nuevo León	1952	1.31 (1.09–1.54)
Nuevo León	1953	1.29 (1.1–1.51)
Nuevo León	1954	1.25 (1.08–1.47)
Nuevo León	1955	1.23 (1.07–1.42)
Nuevo León	1956	1.2 (1.04–1.38)
Nuevo León	1957	1.19 (1.03–1.37)
Nuevo León	1958	1.17 (1.01–1.35)
Nuevo León	1959	1.14 (0.98–1.33)
Nuevo León	1960	1.14 (0.98–1.31)
Nuevo León	1961	1.13 (0.98–1.29)
Nuevo León	1962	1.1 (0.96–1.26)
Nuevo León	1963	1.09 (0.96–1.24)
Nuevo León	1964	1.09 (0.96–1.25)
Nuevo León	1965	1.09 (0.96–1.24)
Nuevo León	1966	1.1 (0.97–1.24)
Nuevo León	1967	1.1 (0.97–1.23)
Nuevo León	1968	1.1 (0.98–1.24)
Nuevo León	1969	1.11 (0.99–1.26)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nuevo León	1970	1.12 (0.99–1.25)
Nuevo León	1971	1.12 (1.0–1.25)
Nuevo León	1972	1.12 (1.01–1.25)
Nuevo León	1973	1.13 (1.02–1.25)
Nuevo León	1974	1.12 (1.01–1.24)
Nuevo León	1975	1.11 (1.0–1.23)
Nuevo León	1976	1.11 (1.0–1.23)
Nuevo León	1977	1.11 (1.0–1.24)
Nuevo León	1978	1.1 (1.0–1.23)
Nuevo León	1979	1.09 (0.99–1.21)
Nuevo León	1980	1.07 (0.98–1.18)
Nuevo León	1981	1.06 (0.97–1.16)
Nuevo León	1982	1.04 (0.95–1.14)
Nuevo León	1983	1.03 (0.95–1.12)
Nuevo León	1984	1.04 (0.96–1.12)
Nuevo León	1985	1.05 (0.97–1.14)
Nuevo León	1986	1.06 (0.98–1.16)
Nuevo León	1987	1.05 (0.96–1.14)
Nuevo León	1988	1.03 (0.95–1.13)
Nuevo León	1989	1.0 (0.92–1.08)
Nuevo León	1990	1.0 (0.92–1.08)
Nuevo León	1991	1.02 (0.93–1.12)
Nuevo León	1992	1.03 (0.93–1.13)
Nuevo León	1993	1.03 (0.93–1.16)
Nuevo León	1994	1.03 (0.92–1.15)
Nuevo León	1995	1.02 (0.91–1.14)
Nuevo León	1996	1.02 (0.9–1.14)
Nuevo León	1997	1.02 (0.9–1.14)
Nuevo León	1998	1.03 (0.92–1.15)
Nuevo León	1999	1.04 (0.93–1.15)
Nuevo León	2000	1.05 (0.96–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nuevo León	2001	1.06 (0.98–1.14)
Nuevo León	2002	1.07 (0.99–1.14)
Nuevo León	2003	1.08 (1.0–1.16)
Nuevo León	2004	1.09 (1.0–1.19)
Nuevo León	2005	1.11 (1.0–1.24)
Nuevo León	2006	1.13 (1.0–1.27)
Nuevo León	2007	1.15 (1.01–1.3)
Nuevo León	2008	1.17 (1.02–1.34)
Nuevo León	2009	1.19 (1.03–1.37)
Nuevo León	2010	1.2 (1.04–1.39)
Nuevo León	2011	1.2 (1.04–1.4)
Nuevo León	2012	1.18 (1.02–1.37)
Nuevo León	2013	1.18 (1.0–1.37)
Nuevo León	2014	1.18 (1.01–1.37)
Nuevo León	2015	1.2 (1.02–1.41)
Nuevo León	2016	1.18 (0.99–1.4)
Nuevo León	2017	1.19 (0.99–1.41)
Oaxaca	1950	1.33 (1.08–1.6)
Oaxaca	1951	1.34 (1.11–1.59)
Oaxaca	1952	1.3 (1.09–1.53)
Oaxaca	1953	1.28 (1.1–1.49)
Oaxaca	1954	1.24 (1.08–1.45)
Oaxaca	1955	1.22 (1.06–1.4)
Oaxaca	1956	1.19 (1.04–1.37)
Oaxaca	1957	1.18 (1.03–1.36)
Oaxaca	1958	1.16 (1.01–1.34)
Oaxaca	1959	1.14 (0.98–1.32)
Oaxaca	1960	1.14 (0.98–1.3)
Oaxaca	1961	1.12 (0.98–1.28)
Oaxaca	1962	1.1 (0.96–1.25)
Oaxaca	1963	1.09 (0.96–1.24)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Oaxaca	1964	1.09 (0.96–1.24)
Oaxaca	1965	1.09 (0.96–1.23)
Oaxaca	1966	1.09 (0.97–1.23)
Oaxaca	1967	1.1 (0.97–1.22)
Oaxaca	1968	1.1 (0.98–1.24)
Oaxaca	1969	1.11 (0.99–1.25)
Oaxaca	1970	1.12 (0.99–1.25)
Oaxaca	1971	1.11 (1.0–1.24)
Oaxaca	1972	1.12 (1.01–1.24)
Oaxaca	1973	1.13 (1.02–1.24)
Oaxaca	1974	1.11 (1.01–1.23)
Oaxaca	1975	1.11 (1.0–1.23)
Oaxaca	1976	1.11 (1.0–1.22)
Oaxaca	1977	1.11 (1.0–1.23)
Oaxaca	1978	1.1 (1.0–1.23)
Oaxaca	1979	1.09 (0.99–1.21)
Oaxaca	1980	1.07 (0.98–1.17)
Oaxaca	1981	1.06 (0.97–1.16)
Oaxaca	1982	1.04 (0.95–1.14)
Oaxaca	1983	1.03 (0.95–1.12)
Oaxaca	1984	1.04 (0.96–1.12)
Oaxaca	1985	1.05 (0.97–1.14)
Oaxaca	1986	1.06 (0.98–1.16)
Oaxaca	1987	1.05 (0.96–1.14)
Oaxaca	1988	1.03 (0.95–1.13)
Oaxaca	1989	1.0 (0.92–1.08)
Oaxaca	1990	1.0 (0.92–1.08)
Oaxaca	1991	1.02 (0.93–1.12)
Oaxaca	1992	1.03 (0.93–1.13)
Oaxaca	1993	1.03 (0.93–1.15)
Oaxaca	1994	1.03 (0.92–1.15)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Oaxaca	1995	1.02 (0.91–1.14)
Oaxaca	1996	1.02 (0.9–1.14)
Oaxaca	1997	1.02 (0.9–1.14)
Oaxaca	1998	1.03 (0.92–1.15)
Oaxaca	1999	1.04 (0.93–1.14)
Oaxaca	2000	1.05 (0.96–1.14)
Oaxaca	2001	1.06 (0.98–1.14)
Oaxaca	2002	1.07 (0.99–1.14)
Oaxaca	2003	1.08 (1.0–1.16)
Oaxaca	2004	1.09 (1.0–1.19)
Oaxaca	2005	1.11 (1.0–1.24)
Oaxaca	2006	1.13 (1.0–1.27)
Oaxaca	2007	1.15 (1.01–1.3)
Oaxaca	2008	1.17 (1.02–1.34)
Oaxaca	2009	1.19 (1.03–1.37)
Oaxaca	2010	1.2 (1.04–1.38)
Oaxaca	2011	1.2 (1.04–1.39)
Oaxaca	2012	1.18 (1.02–1.36)
Oaxaca	2013	1.17 (1.0–1.37)
Oaxaca	2014	1.18 (1.01–1.37)
Oaxaca	2015	1.2 (1.02–1.41)
Oaxaca	2016	1.18 (0.99–1.4)
Oaxaca	2017	1.19 (0.99–1.41)
Puebla	1950	1.33 (1.07–1.59)
Puebla	1951	1.33 (1.11–1.58)
Puebla	1952	1.29 (1.09–1.52)
Puebla	1953	1.27 (1.09–1.49)
Puebla	1954	1.24 (1.08–1.44)
Puebla	1955	1.22 (1.06–1.4)
Puebla	1956	1.19 (1.04–1.37)
Puebla	1957	1.18 (1.03–1.35)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Puebla	1958	1.16 (1.01–1.33)
Puebla	1959	1.14 (0.98–1.31)
Puebla	1960	1.13 (0.98–1.29)
Puebla	1961	1.12 (0.98–1.28)
Puebla	1962	1.1 (0.97–1.25)
Puebla	1963	1.09 (0.96–1.24)
Puebla	1964	1.09 (0.96–1.24)
Puebla	1965	1.09 (0.96–1.23)
Puebla	1966	1.09 (0.97–1.23)
Puebla	1967	1.1 (0.97–1.22)
Puebla	1968	1.1 (0.98–1.24)
Puebla	1969	1.11 (0.99–1.25)
Puebla	1970	1.12 (0.99–1.25)
Puebla	1971	1.11 (1.0–1.24)
Puebla	1972	1.12 (1.01–1.24)
Puebla	1973	1.13 (1.02–1.24)
Puebla	1974	1.11 (1.01–1.23)
Puebla	1975	1.11 (1.0–1.23)
Puebla	1976	1.11 (1.0–1.22)
Puebla	1977	1.11 (1.0–1.23)
Puebla	1978	1.1 (1.0–1.23)
Puebla	1979	1.09 (0.99–1.21)
Puebla	1980	1.07 (0.98–1.18)
Puebla	1981	1.06 (0.97–1.16)
Puebla	1982	1.04 (0.95–1.14)
Puebla	1983	1.03 (0.95–1.11)
Puebla	1984	1.04 (0.96–1.12)
Puebla	1985	1.05 (0.97–1.14)
Puebla	1986	1.06 (0.98–1.16)
Puebla	1987	1.05 (0.96–1.14)
Puebla	1988	1.03 (0.95–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Puebla	1989	1.0 (0.92–1.08)
Puebla	1990	1.0 (0.92–1.08)
Puebla	1991	1.02 (0.93–1.12)
Puebla	1992	1.03 (0.93–1.13)
Puebla	1993	1.03 (0.93–1.15)
Puebla	1994	1.03 (0.92–1.15)
Puebla	1995	1.02 (0.91–1.14)
Puebla	1996	1.02 (0.9–1.14)
Puebla	1997	1.02 (0.9–1.14)
Puebla	1998	1.03 (0.92–1.15)
Puebla	1999	1.04 (0.93–1.14)
Puebla	2000	1.05 (0.96–1.14)
Puebla	2001	1.06 (0.98–1.14)
Puebla	2002	1.07 (0.99–1.14)
Puebla	2003	1.08 (1.0–1.16)
Puebla	2004	1.09 (1.0–1.19)
Puebla	2005	1.11 (1.0–1.23)
Puebla	2006	1.13 (1.0–1.27)
Puebla	2007	1.15 (1.01–1.3)
Puebla	2008	1.17 (1.02–1.33)
Puebla	2009	1.19 (1.03–1.37)
Puebla	2010	1.2 (1.04–1.38)
Puebla	2011	1.2 (1.04–1.39)
Puebla	2012	1.18 (1.02–1.36)
Puebla	2013	1.17 (1.0–1.36)
Puebla	2014	1.18 (1.01–1.37)
Puebla	2015	1.2 (1.02–1.4)
Puebla	2016	1.18 (0.99–1.4)
Puebla	2017	1.19 (0.99–1.41)
Querétaro	1950	1.34 (1.08–1.62)
Querétaro	1951	1.35 (1.11–1.61)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Querétaro	1952	1.3 (1.09–1.54)
Querétaro	1953	1.28 (1.1–1.5)
Querétaro	1954	1.25 (1.08–1.46)
Querétaro	1955	1.23 (1.06–1.42)
Querétaro	1956	1.2 (1.04–1.37)
Querétaro	1957	1.18 (1.03–1.36)
Querétaro	1958	1.16 (1.01–1.35)
Querétaro	1959	1.14 (0.98–1.32)
Querétaro	1960	1.14 (0.98–1.31)
Querétaro	1961	1.12 (0.98–1.28)
Querétaro	1962	1.1 (0.96–1.25)
Querétaro	1963	1.09 (0.96–1.24)
Querétaro	1964	1.09 (0.96–1.24)
Querétaro	1965	1.09 (0.96–1.24)
Querétaro	1966	1.1 (0.97–1.24)
Querétaro	1967	1.1 (0.97–1.23)
Querétaro	1968	1.1 (0.98–1.24)
Querétaro	1969	1.11 (0.99–1.25)
Querétaro	1970	1.12 (0.99–1.25)
Querétaro	1971	1.12 (1.0–1.24)
Querétaro	1972	1.12 (1.01–1.24)
Querétaro	1973	1.13 (1.02–1.24)
Querétaro	1974	1.12 (1.01–1.24)
Querétaro	1975	1.11 (1.0–1.23)
Querétaro	1976	1.11 (1.0–1.23)
Querétaro	1977	1.11 (1.0–1.23)
Querétaro	1978	1.1 (1.0–1.23)
Querétaro	1979	1.09 (0.99–1.21)
Querétaro	1980	1.07 (0.98–1.18)
Querétaro	1981	1.06 (0.97–1.16)
Querétaro	1982	1.04 (0.95–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Querétaro	1983	1.03 (0.95–1.12)
Querétaro	1984	1.04 (0.96–1.12)
Querétaro	1985	1.05 (0.97–1.14)
Querétaro	1986	1.06 (0.98–1.16)
Querétaro	1987	1.05 (0.96–1.14)
Querétaro	1988	1.03 (0.95–1.13)
Querétaro	1989	1.0 (0.92–1.08)
Querétaro	1990	1.0 (0.92–1.08)
Querétaro	1991	1.02 (0.93–1.12)
Querétaro	1992	1.03 (0.93–1.13)
Querétaro	1993	1.03 (0.93–1.15)
Querétaro	1994	1.03 (0.92–1.15)
Querétaro	1995	1.02 (0.91–1.14)
Querétaro	1996	1.02 (0.9–1.14)
Querétaro	1997	1.02 (0.9–1.14)
Querétaro	1998	1.03 (0.92–1.15)
Querétaro	1999	1.04 (0.93–1.15)
Querétaro	2000	1.05 (0.96–1.14)
Querétaro	2001	1.06 (0.98–1.14)
Querétaro	2002	1.07 (0.99–1.14)
Querétaro	2003	1.08 (1.0–1.16)
Querétaro	2004	1.09 (1.0–1.19)
Querétaro	2005	1.11 (1.0–1.24)
Querétaro	2006	1.13 (1.0–1.27)
Querétaro	2007	1.15 (1.01–1.3)
Querétaro	2008	1.17 (1.02–1.34)
Querétaro	2009	1.19 (1.03–1.37)
Querétaro	2010	1.2 (1.04–1.38)
Querétaro	2011	1.2 (1.04–1.39)
Querétaro	2012	1.18 (1.02–1.37)
Querétaro	2013	1.18 (1.0–1.37)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Querétaro	2014	1.18 (1.01–1.37)
Querétaro	2015	1.2 (1.02–1.41)
Querétaro	2016	1.18 (0.99–1.4)
Querétaro	2017	1.19 (0.99–1.41)
Quintana Roo	1950	1.35 (1.08–1.64)
Quintana Roo	1951	1.36 (1.11–1.63)
Quintana Roo	1952	1.31 (1.09–1.55)
Quintana Roo	1953	1.29 (1.1–1.51)
Quintana Roo	1954	1.26 (1.08–1.47)
Quintana Roo	1955	1.23 (1.07–1.43)
Quintana Roo	1956	1.2 (1.04–1.38)
Quintana Roo	1957	1.19 (1.03–1.37)
Quintana Roo	1958	1.17 (1.01–1.35)
Quintana Roo	1959	1.14 (0.98–1.33)
Quintana Roo	1960	1.14 (0.98–1.31)
Quintana Roo	1961	1.13 (0.98–1.29)
Quintana Roo	1962	1.1 (0.96–1.26)
Quintana Roo	1963	1.09 (0.96–1.24)
Quintana Roo	1964	1.09 (0.96–1.25)
Quintana Roo	1965	1.09 (0.96–1.24)
Quintana Roo	1966	1.1 (0.97–1.24)
Quintana Roo	1967	1.1 (0.97–1.23)
Quintana Roo	1968	1.1 (0.98–1.24)
Quintana Roo	1969	1.11 (0.99–1.25)
Quintana Roo	1970	1.12 (0.99–1.25)
Quintana Roo	1971	1.12 (1.0–1.24)
Quintana Roo	1972	1.12 (1.01–1.24)
Quintana Roo	1973	1.13 (1.02–1.24)
Quintana Roo	1974	1.12 (1.01–1.24)
Quintana Roo	1975	1.11 (1.0–1.23)
Quintana Roo	1976	1.11 (1.0–1.23)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Quintana Roo	1977	1.11 (1.0–1.23)
Quintana Roo	1978	1.1 (1.0–1.23)
Quintana Roo	1979	1.09 (0.99–1.21)
Quintana Roo	1980	1.07 (0.98–1.18)
Quintana Roo	1981	1.06 (0.97–1.16)
Quintana Roo	1982	1.04 (0.95–1.14)
Quintana Roo	1983	1.03 (0.95–1.12)
Quintana Roo	1984	1.04 (0.96–1.12)
Quintana Roo	1985	1.05 (0.97–1.14)
Quintana Roo	1986	1.06 (0.98–1.16)
Quintana Roo	1987	1.05 (0.96–1.14)
Quintana Roo	1988	1.03 (0.95–1.13)
Quintana Roo	1989	1.0 (0.92–1.08)
Quintana Roo	1990	1.0 (0.92–1.08)
Quintana Roo	1991	1.02 (0.93–1.12)
Quintana Roo	1992	1.03 (0.93–1.13)
Quintana Roo	1993	1.03 (0.93–1.15)
Quintana Roo	1994	1.03 (0.92–1.15)
Quintana Roo	1995	1.02 (0.91–1.14)
Quintana Roo	1996	1.02 (0.9–1.14)
Quintana Roo	1997	1.02 (0.9–1.14)
Quintana Roo	1998	1.03 (0.92–1.15)
Quintana Roo	1999	1.04 (0.93–1.15)
Quintana Roo	2000	1.05 (0.96–1.14)
Quintana Roo	2001	1.06 (0.98–1.14)
Quintana Roo	2002	1.07 (0.99–1.14)
Quintana Roo	2003	1.08 (1.0–1.16)
Quintana Roo	2004	1.09 (1.0–1.19)
Quintana Roo	2005	1.11 (1.0–1.24)
Quintana Roo	2006	1.13 (1.0–1.27)
Quintana Roo	2007	1.15 (1.01–1.3)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Quintana Roo	2008	1.17 (1.02–1.34)
Quintana Roo	2009	1.19 (1.03–1.37)
Quintana Roo	2010	1.2 (1.04–1.38)
Quintana Roo	2011	1.2 (1.04–1.39)
Quintana Roo	2012	1.18 (1.02–1.37)
Quintana Roo	2013	1.18 (1.0–1.37)
Quintana Roo	2014	1.18 (1.01–1.37)
Quintana Roo	2015	1.2 (1.02–1.41)
Quintana Roo	2016	1.18 (0.99–1.4)
Quintana Roo	2017	1.19 (0.99–1.41)
San Luis Potosí	1950	1.33 (1.08–1.61)
San Luis Potosí	1951	1.34 (1.11–1.6)
San Luis Potosí	1952	1.3 (1.09–1.53)
San Luis Potosí	1953	1.28 (1.1–1.49)
San Luis Potosí	1954	1.25 (1.08–1.45)
San Luis Potosí	1955	1.22 (1.06–1.41)
San Luis Potosí	1956	1.2 (1.04–1.37)
San Luis Potosí	1957	1.18 (1.03–1.36)
San Luis Potosí	1958	1.16 (1.01–1.34)
San Luis Potosí	1959	1.14 (0.98–1.32)
San Luis Potosí	1960	1.14 (0.98–1.3)
San Luis Potosí	1961	1.12 (0.98–1.28)
San Luis Potosí	1962	1.1 (0.96–1.25)
San Luis Potosí	1963	1.09 (0.96–1.24)
San Luis Potosí	1964	1.09 (0.96–1.24)
San Luis Potosí	1965	1.09 (0.96–1.23)
San Luis Potosí	1966	1.1 (0.97–1.23)
San Luis Potosí	1967	1.1 (0.97–1.23)
San Luis Potosí	1968	1.1 (0.98–1.24)
San Luis Potosí	1969	1.11 (0.99–1.25)
San Luis Potosí	1970	1.12 (0.99–1.25)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
San Luis Potosí	1971	1.12 (1.0–1.24)
San Luis Potosí	1972	1.12 (1.01–1.24)
San Luis Potosí	1973	1.13 (1.02–1.24)
San Luis Potosí	1974	1.12 (1.01–1.24)
San Luis Potosí	1975	1.11 (1.0–1.23)
San Luis Potosí	1976	1.11 (1.0–1.23)
San Luis Potosí	1977	1.11 (1.0–1.23)
San Luis Potosí	1978	1.1 (1.0–1.23)
San Luis Potosí	1979	1.09 (0.99–1.21)
San Luis Potosí	1980	1.07 (0.98–1.18)
San Luis Potosí	1981	1.06 (0.97–1.16)
San Luis Potosí	1982	1.04 (0.95–1.14)
San Luis Potosí	1983	1.03 (0.95–1.12)
San Luis Potosí	1984	1.04 (0.96–1.12)
San Luis Potosí	1985	1.05 (0.97–1.14)
San Luis Potosí	1986	1.06 (0.98–1.16)
San Luis Potosí	1987	1.05 (0.96–1.14)
San Luis Potosí	1988	1.03 (0.95–1.13)
San Luis Potosí	1989	1.0 (0.92–1.08)
San Luis Potosí	1990	1.0 (0.92–1.08)
San Luis Potosí	1991	1.02 (0.93–1.12)
San Luis Potosí	1992	1.03 (0.93–1.13)
San Luis Potosí	1993	1.03 (0.93–1.15)
San Luis Potosí	1994	1.03 (0.92–1.15)
San Luis Potosí	1995	1.02 (0.91–1.14)
San Luis Potosí	1996	1.02 (0.9–1.14)
San Luis Potosí	1997	1.02 (0.9–1.14)
San Luis Potosí	1998	1.03 (0.92–1.15)
San Luis Potosí	1999	1.04 (0.93–1.15)
San Luis Potosí	2000	1.05 (0.96–1.14)
San Luis Potosí	2001	1.06 (0.98–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
San Luis Potosí	2002	1.07 (0.99–1.14)
San Luis Potosí	2003	1.08 (1.0–1.16)
San Luis Potosí	2004	1.09 (1.0–1.19)
San Luis Potosí	2005	1.11 (1.0–1.24)
San Luis Potosí	2006	1.13 (1.0–1.27)
San Luis Potosí	2007	1.15 (1.01–1.3)
San Luis Potosí	2008	1.17 (1.02–1.34)
San Luis Potosí	2009	1.19 (1.03–1.37)
San Luis Potosí	2010	1.2 (1.04–1.38)
San Luis Potosí	2011	1.2 (1.04–1.39)
San Luis Potosí	2012	1.18 (1.02–1.36)
San Luis Potosí	2013	1.18 (1.0–1.37)
San Luis Potosí	2014	1.18 (1.01–1.37)
San Luis Potosí	2015	1.2 (1.02–1.41)
San Luis Potosí	2016	1.18 (0.99–1.4)
San Luis Potosí	2017	1.19 (0.99–1.41)
Sinaloa	1950	1.34 (1.08–1.62)
Sinaloa	1951	1.35 (1.11–1.61)
Sinaloa	1952	1.31 (1.09–1.54)
Sinaloa	1953	1.28 (1.1–1.5)
Sinaloa	1954	1.25 (1.08–1.46)
Sinaloa	1955	1.23 (1.06–1.42)
Sinaloa	1956	1.2 (1.04–1.38)
Sinaloa	1957	1.18 (1.03–1.37)
Sinaloa	1958	1.16 (1.01–1.35)
Sinaloa	1959	1.14 (0.98–1.32)
Sinaloa	1960	1.14 (0.98–1.31)
Sinaloa	1961	1.12 (0.98–1.28)
Sinaloa	1962	1.1 (0.96–1.25)
Sinaloa	1963	1.09 (0.96–1.24)
Sinaloa	1964	1.09 (0.96–1.24)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sinaloa	1965	1.09 (0.96–1.24)
Sinaloa	1966	1.1 (0.97–1.24)
Sinaloa	1967	1.1 (0.97–1.23)
Sinaloa	1968	1.1 (0.98–1.24)
Sinaloa	1969	1.11 (0.99–1.25)
Sinaloa	1970	1.12 (0.99–1.25)
Sinaloa	1971	1.12 (1.0–1.24)
Sinaloa	1972	1.12 (1.01–1.24)
Sinaloa	1973	1.13 (1.02–1.24)
Sinaloa	1974	1.12 (1.01–1.24)
Sinaloa	1975	1.11 (1.0–1.23)
Sinaloa	1976	1.11 (1.0–1.23)
Sinaloa	1977	1.11 (1.0–1.23)
Sinaloa	1978	1.1 (1.0–1.23)
Sinaloa	1979	1.09 (0.99–1.21)
Sinaloa	1980	1.07 (0.98–1.18)
Sinaloa	1981	1.06 (0.97–1.16)
Sinaloa	1982	1.04 (0.95–1.14)
Sinaloa	1983	1.03 (0.95–1.12)
Sinaloa	1984	1.04 (0.96–1.12)
Sinaloa	1985	1.05 (0.97–1.14)
Sinaloa	1986	1.06 (0.98–1.16)
Sinaloa	1987	1.05 (0.96–1.14)
Sinaloa	1988	1.03 (0.95–1.13)
Sinaloa	1989	1.0 (0.92–1.08)
Sinaloa	1990	1.0 (0.92–1.08)
Sinaloa	1991	1.02 (0.93–1.12)
Sinaloa	1992	1.03 (0.93–1.13)
Sinaloa	1993	1.03 (0.93–1.15)
Sinaloa	1994	1.03 (0.92–1.15)
Sinaloa	1995	1.02 (0.91–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sinaloa	1996	1.02 (0.9–1.14)
Sinaloa	1997	1.02 (0.9–1.14)
Sinaloa	1998	1.03 (0.92–1.15)
Sinaloa	1999	1.04 (0.93–1.15)
Sinaloa	2000	1.05 (0.96–1.14)
Sinaloa	2001	1.06 (0.98–1.14)
Sinaloa	2002	1.07 (0.99–1.14)
Sinaloa	2003	1.08 (1.0–1.16)
Sinaloa	2004	1.09 (1.0–1.19)
Sinaloa	2005	1.11 (1.0–1.24)
Sinaloa	2006	1.13 (1.0–1.27)
Sinaloa	2007	1.15 (1.01–1.3)
Sinaloa	2008	1.17 (1.02–1.34)
Sinaloa	2009	1.19 (1.03–1.37)
Sinaloa	2010	1.2 (1.04–1.39)
Sinaloa	2011	1.2 (1.04–1.4)
Sinaloa	2012	1.18 (1.02–1.37)
Sinaloa	2013	1.18 (1.0–1.37)
Sinaloa	2014	1.18 (1.01–1.37)
Sinaloa	2015	1.2 (1.02–1.41)
Sinaloa	2016	1.18 (0.99–1.4)
Sinaloa	2017	1.19 (0.99–1.41)
Sonora	1950	1.35 (1.08–1.64)
Sonora	1951	1.35 (1.11–1.62)
Sonora	1952	1.31 (1.09–1.55)
Sonora	1953	1.29 (1.1–1.51)
Sonora	1954	1.26 (1.08–1.47)
Sonora	1955	1.23 (1.07–1.43)
Sonora	1956	1.2 (1.04–1.39)
Sonora	1957	1.19 (1.03–1.37)
Sonora	1958	1.17 (1.01–1.36)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sonora	1959	1.14 (0.98–1.33)
Sonora	1960	1.14 (0.98–1.31)
Sonora	1961	1.13 (0.98–1.29)
Sonora	1962	1.11 (0.96–1.26)
Sonora	1963	1.1 (0.96–1.25)
Sonora	1964	1.09 (0.96–1.25)
Sonora	1965	1.09 (0.96–1.24)
Sonora	1966	1.1 (0.97–1.24)
Sonora	1967	1.1 (0.97–1.23)
Sonora	1968	1.11 (0.98–1.24)
Sonora	1969	1.11 (0.99–1.26)
Sonora	1970	1.12 (0.99–1.26)
Sonora	1971	1.12 (1.0–1.25)
Sonora	1972	1.12 (1.01–1.24)
Sonora	1973	1.13 (1.02–1.25)
Sonora	1974	1.12 (1.01–1.24)
Sonora	1975	1.11 (1.0–1.23)
Sonora	1976	1.11 (1.0–1.23)
Sonora	1977	1.11 (1.0–1.24)
Sonora	1978	1.1 (1.0–1.23)
Sonora	1979	1.09 (0.99–1.21)
Sonora	1980	1.07 (0.98–1.18)
Sonora	1981	1.06 (0.97–1.16)
Sonora	1982	1.04 (0.95–1.14)
Sonora	1983	1.03 (0.95–1.12)
Sonora	1984	1.04 (0.96–1.12)
Sonora	1985	1.05 (0.97–1.14)
Sonora	1986	1.06 (0.98–1.16)
Sonora	1987	1.05 (0.96–1.14)
Sonora	1988	1.03 (0.95–1.13)
Sonora	1989	1.0 (0.92–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sonora	1990	1.0 (0.92–1.08)
Sonora	1991	1.02 (0.93–1.12)
Sonora	1992	1.03 (0.93–1.13)
Sonora	1993	1.03 (0.93–1.15)
Sonora	1994	1.03 (0.92–1.15)
Sonora	1995	1.02 (0.91–1.14)
Sonora	1996	1.02 (0.9–1.14)
Sonora	1997	1.02 (0.9–1.14)
Sonora	1998	1.03 (0.92–1.15)
Sonora	1999	1.04 (0.93–1.15)
Sonora	2000	1.05 (0.96–1.14)
Sonora	2001	1.06 (0.98–1.14)
Sonora	2002	1.07 (0.99–1.14)
Sonora	2003	1.08 (1.0–1.16)
Sonora	2004	1.09 (1.0–1.19)
Sonora	2005	1.11 (1.0–1.24)
Sonora	2006	1.13 (1.0–1.27)
Sonora	2007	1.15 (1.01–1.3)
Sonora	2008	1.17 (1.02–1.34)
Sonora	2009	1.19 (1.03–1.37)
Sonora	2010	1.2 (1.04–1.38)
Sonora	2011	1.2 (1.04–1.39)
Sonora	2012	1.18 (1.02–1.37)
Sonora	2013	1.18 (1.0–1.37)
Sonora	2014	1.18 (1.01–1.37)
Sonora	2015	1.2 (1.02–1.41)
Sonora	2016	1.18 (0.99–1.4)
Sonora	2017	1.19 (0.99–1.41)
Tabasco	1950	1.34 (1.08–1.63)
Tabasco	1951	1.35 (1.11–1.62)
Tabasco	1952	1.31 (1.09–1.54)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tabasco	1953	1.28 (1.1–1.5)
Tabasco	1954	1.25 (1.08–1.46)
Tabasco	1955	1.23 (1.06–1.42)
Tabasco	1956	1.2 (1.04–1.38)
Tabasco	1957	1.18 (1.03–1.37)
Tabasco	1958	1.17 (1.01–1.35)
Tabasco	1959	1.14 (0.98–1.32)
Tabasco	1960	1.14 (0.98–1.31)
Tabasco	1961	1.13 (0.98–1.28)
Tabasco	1962	1.1 (0.96–1.26)
Tabasco	1963	1.09 (0.96–1.24)
Tabasco	1964	1.09 (0.96–1.24)
Tabasco	1965	1.09 (0.96–1.24)
Tabasco	1966	1.1 (0.97–1.24)
Tabasco	1967	1.1 (0.97–1.23)
Tabasco	1968	1.1 (0.98–1.24)
Tabasco	1969	1.11 (0.99–1.25)
Tabasco	1970	1.12 (0.99–1.25)
Tabasco	1971	1.12 (1.0–1.24)
Tabasco	1972	1.12 (1.01–1.24)
Tabasco	1973	1.13 (1.02–1.24)
Tabasco	1974	1.12 (1.01–1.24)
Tabasco	1975	1.11 (1.0–1.23)
Tabasco	1976	1.11 (1.0–1.23)
Tabasco	1977	1.11 (1.0–1.23)
Tabasco	1978	1.1 (1.0–1.23)
Tabasco	1979	1.09 (0.99–1.21)
Tabasco	1980	1.07 (0.98–1.18)
Tabasco	1981	1.06 (0.97–1.16)
Tabasco	1982	1.04 (0.95–1.14)
Tabasco	1983	1.03 (0.95–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tabasco	1984	1.04 (0.96–1.12)
Tabasco	1985	1.05 (0.97–1.14)
Tabasco	1986	1.06 (0.98–1.16)
Tabasco	1987	1.05 (0.96–1.14)
Tabasco	1988	1.03 (0.95–1.13)
Tabasco	1989	1.0 (0.92–1.08)
Tabasco	1990	1.0 (0.92–1.08)
Tabasco	1991	1.02 (0.93–1.12)
Tabasco	1992	1.03 (0.93–1.13)
Tabasco	1993	1.03 (0.93–1.15)
Tabasco	1994	1.03 (0.92–1.15)
Tabasco	1995	1.02 (0.91–1.14)
Tabasco	1996	1.02 (0.9–1.14)
Tabasco	1997	1.02 (0.9–1.14)
Tabasco	1998	1.03 (0.92–1.15)
Tabasco	1999	1.04 (0.93–1.15)
Tabasco	2000	1.05 (0.96–1.14)
Tabasco	2001	1.06 (0.98–1.14)
Tabasco	2002	1.07 (0.99–1.14)
Tabasco	2003	1.08 (1.0–1.16)
Tabasco	2004	1.09 (1.0–1.19)
Tabasco	2005	1.11 (1.0–1.24)
Tabasco	2006	1.13 (1.0–1.27)
Tabasco	2007	1.15 (1.01–1.3)
Tabasco	2008	1.17 (1.02–1.34)
Tabasco	2009	1.19 (1.03–1.37)
Tabasco	2010	1.2 (1.04–1.38)
Tabasco	2011	1.2 (1.04–1.39)
Tabasco	2012	1.18 (1.02–1.36)
Tabasco	2013	1.17 (1.0–1.36)
Tabasco	2014	1.18 (1.01–1.37)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tabasco	2015	1.2 (1.02–1.41)
Tabasco	2016	1.18 (0.99–1.4)
Tabasco	2017	1.19 (0.99–1.41)
Tamaulipas	1950	1.35 (1.08–1.63)
Tamaulipas	1951	1.35 (1.11–1.62)
Tamaulipas	1952	1.31 (1.09–1.55)
Tamaulipas	1953	1.29 (1.1–1.51)
Tamaulipas	1954	1.25 (1.08–1.47)
Tamaulipas	1955	1.23 (1.07–1.42)
Tamaulipas	1956	1.2 (1.04–1.38)
Tamaulipas	1957	1.19 (1.03–1.37)
Tamaulipas	1958	1.17 (1.01–1.35)
Tamaulipas	1959	1.14 (0.98–1.33)
Tamaulipas	1960	1.14 (0.98–1.31)
Tamaulipas	1961	1.13 (0.98–1.29)
Tamaulipas	1962	1.1 (0.96–1.26)
Tamaulipas	1963	1.09 (0.96–1.25)
Tamaulipas	1964	1.09 (0.96–1.25)
Tamaulipas	1965	1.09 (0.96–1.24)
Tamaulipas	1966	1.1 (0.97–1.24)
Tamaulipas	1967	1.1 (0.97–1.23)
Tamaulipas	1968	1.1 (0.98–1.24)
Tamaulipas	1969	1.11 (0.99–1.26)
Tamaulipas	1970	1.12 (0.99–1.25)
Tamaulipas	1971	1.12 (1.0–1.25)
Tamaulipas	1972	1.12 (1.01–1.25)
Tamaulipas	1973	1.13 (1.02–1.25)
Tamaulipas	1974	1.12 (1.01–1.24)
Tamaulipas	1975	1.11 (1.0–1.23)
Tamaulipas	1976	1.11 (1.0–1.23)
Tamaulipas	1977	1.11 (1.0–1.24)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tamaulipas	1978	1.1 (1.0–1.23)
Tamaulipas	1979	1.09 (0.99–1.21)
Tamaulipas	1980	1.07 (0.98–1.18)
Tamaulipas	1981	1.06 (0.97–1.16)
Tamaulipas	1982	1.04 (0.95–1.14)
Tamaulipas	1983	1.03 (0.95–1.12)
Tamaulipas	1984	1.04 (0.96–1.12)
Tamaulipas	1985	1.05 (0.97–1.14)
Tamaulipas	1986	1.06 (0.98–1.16)
Tamaulipas	1987	1.05 (0.96–1.14)
Tamaulipas	1988	1.03 (0.95–1.13)
Tamaulipas	1989	1.0 (0.92–1.08)
Tamaulipas	1990	1.0 (0.92–1.08)
Tamaulipas	1991	1.02 (0.93–1.12)
Tamaulipas	1992	1.03 (0.93–1.13)
Tamaulipas	1993	1.03 (0.93–1.15)
Tamaulipas	1994	1.03 (0.92–1.15)
Tamaulipas	1995	1.02 (0.91–1.14)
Tamaulipas	1996	1.02 (0.9–1.14)
Tamaulipas	1997	1.02 (0.9–1.14)
Tamaulipas	1998	1.03 (0.92–1.15)
Tamaulipas	1999	1.04 (0.93–1.15)
Tamaulipas	2000	1.05 (0.96–1.14)
Tamaulipas	2001	1.06 (0.98–1.14)
Tamaulipas	2002	1.07 (0.99–1.14)
Tamaulipas	2003	1.08 (1.0–1.16)
Tamaulipas	2004	1.09 (1.0–1.19)
Tamaulipas	2005	1.11 (1.0–1.24)
Tamaulipas	2006	1.13 (1.0–1.27)
Tamaulipas	2007	1.15 (1.01–1.3)
Tamaulipas	2008	1.17 (1.02–1.34)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tamaulipas	2009	1.19 (1.03–1.37)
Tamaulipas	2010	1.2 (1.04–1.38)
Tamaulipas	2011	1.2 (1.04–1.39)
Tamaulipas	2012	1.18 (1.02–1.37)
Tamaulipas	2013	1.18 (1.0–1.37)
Tamaulipas	2014	1.18 (1.01–1.37)
Tamaulipas	2015	1.2 (1.02–1.41)
Tamaulipas	2016	1.18 (0.99–1.4)
Tamaulipas	2017	1.19 (0.99–1.41)
Tlaxcala	1950	1.33 (1.08–1.6)
Tlaxcala	1951	1.33 (1.11–1.59)
Tlaxcala	1952	1.3 (1.09–1.52)
Tlaxcala	1953	1.27 (1.1–1.48)
Tlaxcala	1954	1.24 (1.08–1.45)
Tlaxcala	1955	1.22 (1.06–1.4)
Tlaxcala	1956	1.19 (1.04–1.37)
Tlaxcala	1957	1.18 (1.03–1.36)
Tlaxcala	1958	1.16 (1.01–1.34)
Tlaxcala	1959	1.14 (0.98–1.32)
Tlaxcala	1960	1.14 (0.98–1.3)
Tlaxcala	1961	1.12 (0.98–1.28)
Tlaxcala	1962	1.1 (0.96–1.25)
Tlaxcala	1963	1.09 (0.96–1.24)
Tlaxcala	1964	1.09 (0.96–1.24)
Tlaxcala	1965	1.09 (0.96–1.23)
Tlaxcala	1966	1.1 (0.97–1.23)
Tlaxcala	1967	1.1 (0.97–1.22)
Tlaxcala	1968	1.1 (0.98–1.24)
Tlaxcala	1969	1.11 (0.99–1.25)
Tlaxcala	1970	1.12 (0.99–1.25)
Tlaxcala	1971	1.11 (1.0–1.24)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tlaxcala	1972	1.12 (1.01–1.24)
Tlaxcala	1973	1.13 (1.02–1.24)
Tlaxcala	1974	1.11 (1.01–1.23)
Tlaxcala	1975	1.11 (1.0–1.23)
Tlaxcala	1976	1.11 (1.0–1.23)
Tlaxcala	1977	1.11 (1.0–1.23)
Tlaxcala	1978	1.1 (1.0–1.23)
Tlaxcala	1979	1.09 (0.99–1.21)
Tlaxcala	1980	1.07 (0.98–1.18)
Tlaxcala	1981	1.06 (0.97–1.16)
Tlaxcala	1982	1.04 (0.95–1.14)
Tlaxcala	1983	1.03 (0.95–1.12)
Tlaxcala	1984	1.04 (0.96–1.12)
Tlaxcala	1985	1.05 (0.97–1.14)
Tlaxcala	1986	1.06 (0.98–1.16)
Tlaxcala	1987	1.05 (0.96–1.14)
Tlaxcala	1988	1.03 (0.95–1.13)
Tlaxcala	1989	1.0 (0.92–1.08)
Tlaxcala	1990	1.0 (0.92–1.08)
Tlaxcala	1991	1.02 (0.93–1.12)
Tlaxcala	1992	1.03 (0.93–1.13)
Tlaxcala	1993	1.03 (0.93–1.15)
Tlaxcala	1994	1.03 (0.92–1.15)
Tlaxcala	1995	1.02 (0.91–1.14)
Tlaxcala	1996	1.02 (0.9–1.14)
Tlaxcala	1997	1.02 (0.9–1.14)
Tlaxcala	1998	1.03 (0.92–1.15)
Tlaxcala	1999	1.04 (0.93–1.15)
Tlaxcala	2000	1.05 (0.96–1.14)
Tlaxcala	2001	1.06 (0.98–1.14)
Tlaxcala	2002	1.07 (0.99–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tlaxcala	2003	1.08 (1.0–1.16)
Tlaxcala	2004	1.09 (1.0–1.19)
Tlaxcala	2005	1.11 (1.0–1.24)
Tlaxcala	2006	1.13 (1.0–1.27)
Tlaxcala	2007	1.15 (1.01–1.3)
Tlaxcala	2008	1.17 (1.02–1.34)
Tlaxcala	2009	1.19 (1.03–1.37)
Tlaxcala	2010	1.2 (1.04–1.38)
Tlaxcala	2011	1.2 (1.04–1.39)
Tlaxcala	2012	1.18 (1.02–1.36)
Tlaxcala	2013	1.18 (1.0–1.37)
Tlaxcala	2014	1.18 (1.01–1.37)
Tlaxcala	2015	1.2 (1.02–1.41)
Tlaxcala	2016	1.18 (0.99–1.4)
Tlaxcala	2017	1.19 (0.99–1.41)
Veracruz de Ignacio de la Llave	1950	1.34 (1.08–1.61)
Veracruz de Ignacio de la Llave	1951	1.34 (1.11–1.6)
Veracruz de Ignacio de la Llave	1952	1.3 (1.09–1.53)
Veracruz de Ignacio de la Llave	1953	1.28 (1.1–1.49)
Veracruz de Ignacio de la Llave	1954	1.25 (1.08–1.46)
Veracruz de Ignacio de la Llave	1955	1.22 (1.06–1.41)
Veracruz de Ignacio de la Llave	1956	1.2 (1.04–1.37)
Veracruz de Ignacio de la Llave	1957	1.18 (1.03–1.36)
Veracruz de Ignacio de la Llave	1958	1.16 (1.01–1.34)
Veracruz de Ignacio de la Llave	1959	1.14 (0.98–1.32)
Veracruz de Ignacio de la Llave	1960	1.14 (0.98–1.3)
Veracruz de Ignacio de la Llave	1961	1.12 (0.98–1.28)
Veracruz de Ignacio de la Llave	1962	1.1 (0.96–1.25)
Veracruz de Ignacio de la Llave	1963	1.09 (0.96–1.24)
Veracruz de Ignacio de la Llave	1964	1.09 (0.96–1.24)
Veracruz de Ignacio de la Llave	1965	1.09 (0.96–1.23)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Veracruz de Ignacio de la Llave	1966	1.1 (0.97–1.23)
Veracruz de Ignacio de la Llave	1967	1.1 (0.97–1.23)
Veracruz de Ignacio de la Llave	1968	1.1 (0.98–1.24)
Veracruz de Ignacio de la Llave	1969	1.11 (0.99–1.25)
Veracruz de Ignacio de la Llave	1970	1.12 (0.99–1.25)
Veracruz de Ignacio de la Llave	1971	1.11 (1.0–1.24)
Veracruz de Ignacio de la Llave	1972	1.12 (1.01–1.24)
Veracruz de Ignacio de la Llave	1973	1.13 (1.02–1.24)
Veracruz de Ignacio de la Llave	1974	1.11 (1.01–1.24)
Veracruz de Ignacio de la Llave	1975	1.11 (1.0–1.23)
Veracruz de Ignacio de la Llave	1976	1.11 (1.0–1.23)
Veracruz de Ignacio de la Llave	1977	1.11 (1.0–1.23)
Veracruz de Ignacio de la Llave	1978	1.1 (1.0–1.23)
Veracruz de Ignacio de la Llave	1979	1.09 (0.99–1.21)
Veracruz de Ignacio de la Llave	1980	1.07 (0.98–1.18)
Veracruz de Ignacio de la Llave	1981	1.06 (0.97–1.16)
Veracruz de Ignacio de la Llave	1982	1.04 (0.95–1.14)
Veracruz de Ignacio de la Llave	1983	1.03 (0.95–1.12)
Veracruz de Ignacio de la Llave	1984	1.04 (0.96–1.12)
Veracruz de Ignacio de la Llave	1985	1.05 (0.97–1.14)
Veracruz de Ignacio de la Llave	1986	1.06 (0.98–1.16)
Veracruz de Ignacio de la Llave	1987	1.05 (0.96–1.14)
Veracruz de Ignacio de la Llave	1988	1.03 (0.95–1.13)
Veracruz de Ignacio de la Llave	1989	1.0 (0.92–1.08)
Veracruz de Ignacio de la Llave	1990	1.0 (0.92–1.08)
Veracruz de Ignacio de la Llave	1991	1.02 (0.93–1.12)
Veracruz de Ignacio de la Llave	1992	1.03 (0.93–1.13)
Veracruz de Ignacio de la Llave	1993	1.03 (0.93–1.15)
Veracruz de Ignacio de la Llave	1994	1.03 (0.92–1.15)
Veracruz de Ignacio de la Llave	1995	1.02 (0.91–1.14)
Veracruz de Ignacio de la Llave	1996	1.02 (0.9–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Veracruz de Ignacio de la Llave	1997	1.02 (0.9–1.14)
Veracruz de Ignacio de la Llave	1998	1.03 (0.92–1.15)
Veracruz de Ignacio de la Llave	1999	1.04 (0.93–1.15)
Veracruz de Ignacio de la Llave	2000	1.05 (0.96–1.14)
Veracruz de Ignacio de la Llave	2001	1.06 (0.98–1.14)
Veracruz de Ignacio de la Llave	2002	1.07 (0.99–1.14)
Veracruz de Ignacio de la Llave	2003	1.08 (1.0–1.16)
Veracruz de Ignacio de la Llave	2004	1.09 (1.0–1.19)
Veracruz de Ignacio de la Llave	2005	1.11 (1.0–1.24)
Veracruz de Ignacio de la Llave	2006	1.13 (1.0–1.27)
Veracruz de Ignacio de la Llave	2007	1.15 (1.01–1.3)
Veracruz de Ignacio de la Llave	2008	1.17 (1.02–1.34)
Veracruz de Ignacio de la Llave	2009	1.19 (1.03–1.37)
Veracruz de Ignacio de la Llave	2010	1.2 (1.04–1.38)
Veracruz de Ignacio de la Llave	2011	1.2 (1.04–1.39)
Veracruz de Ignacio de la Llave	2012	1.18 (1.02–1.36)
Veracruz de Ignacio de la Llave	2013	1.18 (1.0–1.37)
Veracruz de Ignacio de la Llave	2014	1.18 (1.01–1.37)
Veracruz de Ignacio de la Llave	2015	1.2 (1.02–1.41)
Veracruz de Ignacio de la Llave	2016	1.18 (0.99–1.4)
Veracruz de Ignacio de la Llave	2017	1.19 (0.99–1.41)
Yucatán	1950	1.35 (1.08–1.63)
Yucatán	1951	1.35 (1.11–1.62)
Yucatán	1952	1.31 (1.09–1.55)
Yucatán	1953	1.29 (1.1–1.51)
Yucatán	1954	1.25 (1.08–1.47)
Yucatán	1955	1.23 (1.07–1.43)
Yucatán	1956	1.2 (1.04–1.38)
Yucatán	1957	1.19 (1.03–1.37)
Yucatán	1958	1.17 (1.01–1.35)
Yucatán	1959	1.14 (0.98–1.33)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Yucatán	1960	1.14 (0.98–1.31)
Yucatán	1961	1.13 (0.98–1.29)
Yucatán	1962	1.1 (0.96–1.26)
Yucatán	1963	1.09 (0.96–1.24)
Yucatán	1964	1.09 (0.96–1.25)
Yucatán	1965	1.09 (0.96–1.24)
Yucatán	1966	1.1 (0.97–1.24)
Yucatán	1967	1.1 (0.97–1.23)
Yucatán	1968	1.1 (0.98–1.24)
Yucatán	1969	1.11 (0.99–1.26)
Yucatán	1970	1.12 (0.99–1.25)
Yucatán	1971	1.12 (1.0–1.25)
Yucatán	1972	1.12 (1.01–1.24)
Yucatán	1973	1.13 (1.02–1.25)
Yucatán	1974	1.12 (1.01–1.24)
Yucatán	1975	1.11 (1.0–1.23)
Yucatán	1976	1.11 (1.0–1.23)
Yucatán	1977	1.11 (1.0–1.24)
Yucatán	1978	1.1 (1.0–1.23)
Yucatán	1979	1.09 (0.99–1.21)
Yucatán	1980	1.07 (0.98–1.18)
Yucatán	1981	1.06 (0.97–1.16)
Yucatán	1982	1.04 (0.95–1.14)
Yucatán	1983	1.03 (0.95–1.12)
Yucatán	1984	1.04 (0.96–1.12)
Yucatán	1985	1.05 (0.97–1.14)
Yucatán	1986	1.06 (0.98–1.16)
Yucatán	1987	1.05 (0.96–1.14)
Yucatán	1988	1.03 (0.95–1.13)
Yucatán	1989	1.0 (0.92–1.08)
Yucatán	1990	1.0 (0.92–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Yucatán	1991	1.02 (0.93–1.12)
Yucatán	1992	1.03 (0.93–1.13)
Yucatán	1993	1.03 (0.93–1.15)
Yucatán	1994	1.03 (0.92–1.15)
Yucatán	1995	1.02 (0.91–1.14)
Yucatán	1996	1.02 (0.9–1.14)
Yucatán	1997	1.02 (0.9–1.14)
Yucatán	1998	1.03 (0.92–1.15)
Yucatán	1999	1.04 (0.93–1.15)
Yucatán	2000	1.05 (0.96–1.14)
Yucatán	2001	1.06 (0.98–1.14)
Yucatán	2002	1.07 (0.99–1.14)
Yucatán	2003	1.08 (1.0–1.16)
Yucatán	2004	1.09 (1.0–1.19)
Yucatán	2005	1.11 (1.0–1.24)
Yucatán	2006	1.13 (1.0–1.27)
Yucatán	2007	1.15 (1.01–1.3)
Yucatán	2008	1.17 (1.02–1.34)
Yucatán	2009	1.19 (1.03–1.37)
Yucatán	2010	1.2 (1.04–1.38)
Yucatán	2011	1.2 (1.04–1.39)
Yucatán	2012	1.18 (1.02–1.37)
Yucatán	2013	1.18 (1.0–1.37)
Yucatán	2014	1.18 (1.01–1.37)
Yucatán	2015	1.2 (1.02–1.41)
Yucatán	2016	1.18 (0.99–1.4)
Yucatán	2017	1.19 (0.99–1.41)
Zacatecas	1950	1.34 (1.08–1.62)
Zacatecas	1951	1.34 (1.11–1.61)
Zacatecas	1952	1.3 (1.09–1.54)
Zacatecas	1953	1.28 (1.1–1.5)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Zacatecas	1954	1.25 (1.08–1.46)
Zacatecas	1955	1.23 (1.06–1.42)
Zacatecas	1956	1.2 (1.04–1.38)
Zacatecas	1957	1.18 (1.03–1.36)
Zacatecas	1958	1.16 (1.01–1.35)
Zacatecas	1959	1.14 (0.98–1.32)
Zacatecas	1960	1.14 (0.98–1.31)
Zacatecas	1961	1.12 (0.98–1.28)
Zacatecas	1962	1.1 (0.96–1.25)
Zacatecas	1963	1.09 (0.96–1.24)
Zacatecas	1964	1.09 (0.96–1.24)
Zacatecas	1965	1.09 (0.96–1.23)
Zacatecas	1966	1.1 (0.97–1.24)
Zacatecas	1967	1.1 (0.97–1.23)
Zacatecas	1968	1.1 (0.98–1.24)
Zacatecas	1969	1.11 (0.99–1.25)
Zacatecas	1970	1.12 (0.99–1.25)
Zacatecas	1971	1.12 (1.0–1.24)
Zacatecas	1972	1.12 (1.01–1.24)
Zacatecas	1973	1.13 (1.02–1.24)
Zacatecas	1974	1.12 (1.01–1.24)
Zacatecas	1975	1.11 (1.0–1.23)
Zacatecas	1976	1.11 (1.0–1.23)
Zacatecas	1977	1.11 (1.0–1.23)
Zacatecas	1978	1.1 (1.0–1.23)
Zacatecas	1979	1.09 (0.99–1.21)
Zacatecas	1980	1.07 (0.98–1.18)
Zacatecas	1981	1.06 (0.97–1.16)
Zacatecas	1982	1.04 (0.95–1.14)
Zacatecas	1983	1.03 (0.95–1.12)
Zacatecas	1984	1.04 (0.96–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Zacatecas	1985	1.05 (0.97–1.14)
Zacatecas	1986	1.06 (0.98–1.16)
Zacatecas	1987	1.05 (0.96–1.14)
Zacatecas	1988	1.03 (0.95–1.13)
Zacatecas	1989	1.0 (0.92–1.08)
Zacatecas	1990	1.0 (0.92–1.08)
Zacatecas	1991	1.02 (0.93–1.12)
Zacatecas	1992	1.03 (0.93–1.13)
Zacatecas	1993	1.03 (0.93–1.15)
Zacatecas	1994	1.03 (0.92–1.15)
Zacatecas	1995	1.02 (0.91–1.14)
Zacatecas	1996	1.02 (0.9–1.14)
Zacatecas	1997	1.02 (0.9–1.14)
Zacatecas	1998	1.03 (0.92–1.15)
Zacatecas	1999	1.04 (0.93–1.15)
Zacatecas	2000	1.05 (0.96–1.14)
Zacatecas	2001	1.06 (0.98–1.14)
Zacatecas	2002	1.07 (0.99–1.14)
Zacatecas	2003	1.08 (1.0–1.16)
Zacatecas	2004	1.09 (1.0–1.19)
Zacatecas	2005	1.11 (1.0–1.24)
Zacatecas	2006	1.13 (1.0–1.27)
Zacatecas	2007	1.15 (1.01–1.3)
Zacatecas	2008	1.17 (1.02–1.34)
Zacatecas	2009	1.19 (1.03–1.37)
Zacatecas	2010	1.2 (1.04–1.38)
Zacatecas	2011	1.2 (1.04–1.39)
Zacatecas	2012	1.18 (1.02–1.37)
Zacatecas	2013	1.18 (1.0–1.37)
Zacatecas	2014	1.18 (1.01–1.37)
Zacatecas	2015	1.2 (1.02–1.41)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Zacatecas	2016	1.18 (0.99–1.4)
Zacatecas	2017	1.19 (0.99–1.41)
Brazil	1950	1.0 (1.0–1.0)
Brazil	1951	1.0 (1.0–1.0)
Brazil	1952	1.0 (1.0–1.0)
Brazil	1953	1.0 (1.0–1.0)
Brazil	1954	1.0 (1.0–1.0)
Brazil	1955	1.0 (1.0–1.0)
Brazil	1956	1.0 (1.0–1.0)
Brazil	1957	1.0 (1.0–1.0)
Brazil	1958	1.0 (1.0–1.0)
Brazil	1959	1.0 (1.0–1.0)
Brazil	1960	1.0 (1.0–1.0)
Brazil	1961	1.0 (1.0–1.0)
Brazil	1962	1.0 (1.0–1.0)
Brazil	1963	1.0 (1.0–1.0)
Brazil	1964	1.0 (1.0–1.0)
Brazil	1965	1.0 (1.0–1.0)
Brazil	1966	1.0 (1.0–1.0)
Brazil	1967	1.0 (1.0–1.0)
Brazil	1968	1.0 (1.0–1.0)
Brazil	1969	1.0 (1.0–1.0)
Brazil	1970	1.0 (1.0–1.0)
Brazil	1971	1.0 (1.0–1.0)
Brazil	1972	1.0 (1.0–1.0)
Brazil	1973	1.0 (1.0–1.0)
Brazil	1974	1.0 (1.0–1.0)
Brazil	1975	1.0 (1.0–1.0)
Brazil	1976	1.0 (1.0–1.0)
Brazil	1977	1.0 (1.0–1.0)
Brazil	1978	1.0 (1.0–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Brazil	1979	1.0 (1.0–1.0)
Brazil	1980	1.0 (1.0–1.0)
Brazil	1981	1.0 (1.0–1.0)
Brazil	1982	1.0 (1.0–1.0)
Brazil	1983	1.0 (1.0–1.0)
Brazil	1984	1.0 (1.0–1.0)
Brazil	1985	1.0 (1.0–1.0)
Brazil	1986	1.0 (1.0–1.0)
Brazil	1987	1.0 (1.0–1.0)
Brazil	1988	1.0 (1.0–1.0)
Brazil	1989	1.0 (1.0–1.0)
Brazil	1990	1.0 (1.0–1.0)
Brazil	1991	1.0 (1.0–1.0)
Brazil	1992	1.0 (1.0–1.0)
Brazil	1993	1.0 (1.0–1.0)
Brazil	1994	1.0 (1.0–1.0)
Brazil	1995	1.0 (1.0–1.0)
Brazil	1996	1.0 (1.0–1.0)
Brazil	1997	1.0 (1.0–1.0)
Brazil	1998	1.0 (1.0–1.0)
Brazil	1999	1.0 (1.0–1.0)
Brazil	2000	1.0 (1.0–1.0)
Brazil	2001	1.0 (1.0–1.0)
Brazil	2002	1.0 (1.0–1.0)
Brazil	2003	1.0 (1.0–1.0)
Brazil	2004	1.0 (1.0–1.0)
Brazil	2005	1.0 (1.0–1.0)
Brazil	2006	1.0 (1.0–1.0)
Brazil	2007	1.0 (1.0–1.0)
Brazil	2008	1.0 (1.0–1.0)
Brazil	2009	1.0 (1.0–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Brazil	2010	1.0 (1.0–1.0)
Brazil	2011	1.0 (1.0–1.0)
Brazil	2012	1.0 (1.0–1.0)
Brazil	2013	1.0 (1.0–1.0)
Brazil	2014	1.0 (1.0–1.0)
Brazil	2015	1.0 (1.0–1.0)
Brazil	2016	1.0 (1.0–1.0)
Brazil	2017	1.0 (1.0–1.0)
Acre	1950	1.23 (1.13–1.31)
Acre	1951	1.23 (1.13–1.31)
Acre	1952	1.23 (1.13–1.32)
Acre	1953	1.23 (1.13–1.33)
Acre	1954	1.23 (1.13–1.34)
Acre	1955	1.23 (1.13–1.34)
Acre	1956	1.22 (1.11–1.32)
Acre	1957	1.22 (1.12–1.32)
Acre	1958	1.22 (1.14–1.31)
Acre	1959	1.22 (1.15–1.29)
Acre	1960	1.23 (1.18–1.28)
Acre	1961	1.24 (1.19–1.28)
Acre	1962	1.25 (1.18–1.31)
Acre	1963	1.25 (1.17–1.33)
Acre	1964	1.26 (1.17–1.36)
Acre	1965	1.27 (1.17–1.37)
Acre	1966	1.28 (1.19–1.37)
Acre	1967	1.29 (1.19–1.38)
Acre	1968	1.29 (1.21–1.38)
Acre	1969	1.3 (1.21–1.38)
Acre	1970	1.3 (1.22–1.39)
Acre	1971	1.3 (1.21–1.39)
Acre	1972	1.3 (1.21–1.39)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Acre	1973	1.29 (1.2–1.4)
Acre	1974	1.28 (1.19–1.39)
Acre	1975	1.27 (1.17–1.38)
Acre	1976	1.26 (1.16–1.37)
Acre	1977	1.25 (1.15–1.35)
Acre	1978	1.23 (1.14–1.33)
Acre	1979	1.24 (1.15–1.33)
Acre	1980	1.28 (1.18–1.37)
Acre	1981	1.25 (1.16–1.34)
Acre	1982	1.25 (1.17–1.34)
Acre	1983	1.27 (1.19–1.36)
Acre	1984	1.26 (1.18–1.34)
Acre	1985	1.29 (1.22–1.37)
Acre	1986	1.28 (1.21–1.35)
Acre	1987	1.28 (1.2–1.35)
Acre	1988	1.26 (1.18–1.33)
Acre	1989	1.26 (1.19–1.34)
Acre	1990	1.27 (1.18–1.35)
Acre	1991	1.29 (1.2–1.39)
Acre	1992	1.27 (1.18–1.37)
Acre	1993	1.25 (1.16–1.35)
Acre	1994	1.23 (1.15–1.33)
Acre	1995	1.24 (1.14–1.34)
Acre	1996	1.25 (1.15–1.36)
Acre	1997	1.25 (1.15–1.36)
Acre	1998	1.26 (1.16–1.35)
Acre	1999	1.26 (1.17–1.35)
Acre	2000	1.26 (1.18–1.34)
Acre	2001	1.29 (1.22–1.36)
Acre	2002	1.3 (1.23–1.36)
Acre	2003	1.29 (1.21–1.37)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Acre	2004	1.29 (1.19–1.39)
Acre	2005	1.29 (1.17–1.39)
Acre	2006	1.28 (1.16–1.4)
Acre	2007	1.28 (1.15–1.4)
Acre	2008	1.27 (1.15–1.39)
Acre	2009	1.25 (1.13–1.37)
Acre	2010	1.24 (1.12–1.36)
Acre	2011	1.22 (1.1–1.35)
Acre	2012	1.21 (1.08–1.34)
Acre	2013	1.19 (1.07–1.32)
Acre	2014	1.18 (1.07–1.3)
Acre	2015	1.16 (1.06–1.28)
Acre	2016	1.15 (1.04–1.26)
Acre	2017	1.16 (1.05–1.28)
Alagoas	1950	1.21 (1.13–1.28)
Alagoas	1951	1.21 (1.13–1.29)
Alagoas	1952	1.22 (1.13–1.3)
Alagoas	1953	1.22 (1.13–1.31)
Alagoas	1954	1.22 (1.12–1.32)
Alagoas	1955	1.22 (1.12–1.32)
Alagoas	1956	1.21 (1.11–1.3)
Alagoas	1957	1.21 (1.12–1.3)
Alagoas	1958	1.21 (1.13–1.29)
Alagoas	1959	1.21 (1.15–1.28)
Alagoas	1960	1.22 (1.17–1.26)
Alagoas	1961	1.23 (1.18–1.27)
Alagoas	1962	1.23 (1.17–1.29)
Alagoas	1963	1.24 (1.16–1.31)
Alagoas	1964	1.25 (1.16–1.34)
Alagoas	1965	1.25 (1.16–1.35)
Alagoas	1966	1.26 (1.17–1.35)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Alagoas	1967	1.27 (1.18–1.36)
Alagoas	1968	1.27 (1.19–1.36)
Alagoas	1969	1.28 (1.2–1.36)
Alagoas	1970	1.28 (1.2–1.36)
Alagoas	1971	1.28 (1.2–1.37)
Alagoas	1972	1.28 (1.2–1.37)
Alagoas	1973	1.27 (1.19–1.37)
Alagoas	1974	1.27 (1.18–1.36)
Alagoas	1975	1.26 (1.16–1.36)
Alagoas	1976	1.24 (1.15–1.34)
Alagoas	1977	1.23 (1.14–1.32)
Alagoas	1978	1.22 (1.13–1.31)
Alagoas	1979	1.22 (1.14–1.31)
Alagoas	1980	1.26 (1.17–1.34)
Alagoas	1981	1.24 (1.15–1.32)
Alagoas	1982	1.24 (1.16–1.32)
Alagoas	1983	1.26 (1.18–1.34)
Alagoas	1984	1.25 (1.17–1.32)
Alagoas	1985	1.27 (1.21–1.35)
Alagoas	1986	1.27 (1.2–1.33)
Alagoas	1987	1.26 (1.2–1.33)
Alagoas	1988	1.25 (1.18–1.32)
Alagoas	1989	1.25 (1.18–1.33)
Alagoas	1990	1.26 (1.18–1.34)
Alagoas	1991	1.28 (1.19–1.37)
Alagoas	1992	1.27 (1.17–1.37)
Alagoas	1993	1.24 (1.16–1.34)
Alagoas	1994	1.23 (1.14–1.33)
Alagoas	1995	1.23 (1.14–1.34)
Alagoas	1996	1.24 (1.15–1.35)
Alagoas	1997	1.25 (1.15–1.35)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Alagoas	1998	1.25 (1.16–1.35)
Alagoas	1999	1.26 (1.17–1.35)
Alagoas	2000	1.26 (1.18–1.33)
Alagoas	2001	1.29 (1.22–1.36)
Alagoas	2002	1.3 (1.23–1.36)
Alagoas	2003	1.29 (1.21–1.37)
Alagoas	2004	1.29 (1.19–1.39)
Alagoas	2005	1.28 (1.17–1.39)
Alagoas	2006	1.28 (1.16–1.4)
Alagoas	2007	1.28 (1.15–1.4)
Alagoas	2008	1.27 (1.15–1.39)
Alagoas	2009	1.25 (1.13–1.37)
Alagoas	2010	1.24 (1.12–1.37)
Alagoas	2011	1.22 (1.1–1.35)
Alagoas	2012	1.21 (1.08–1.34)
Alagoas	2013	1.19 (1.07–1.32)
Alagoas	2014	1.18 (1.07–1.3)
Alagoas	2015	1.16 (1.06–1.28)
Alagoas	2016	1.15 (1.04–1.26)
Alagoas	2017	1.16 (1.05–1.28)
Amapá	1950	1.23 (1.14–1.31)
Amapá	1951	1.23 (1.14–1.32)
Amapá	1952	1.23 (1.14–1.33)
Amapá	1953	1.23 (1.13–1.34)
Amapá	1954	1.24 (1.13–1.35)
Amapá	1955	1.23 (1.13–1.34)
Amapá	1956	1.22 (1.12–1.33)
Amapá	1957	1.22 (1.12–1.32)
Amapá	1958	1.22 (1.14–1.31)
Amapá	1959	1.23 (1.16–1.3)
Amapá	1960	1.24 (1.18–1.29)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Amapá	1961	1.24 (1.19–1.29)
Amapá	1962	1.25 (1.18–1.31)
Amapá	1963	1.26 (1.17–1.34)
Amapá	1964	1.27 (1.17–1.37)
Amapá	1965	1.28 (1.18–1.37)
Amapá	1966	1.29 (1.19–1.38)
Amapá	1967	1.29 (1.2–1.39)
Amapá	1968	1.3 (1.21–1.39)
Amapá	1969	1.3 (1.22–1.39)
Amapá	1970	1.31 (1.22–1.39)
Amapá	1971	1.31 (1.22–1.4)
Amapá	1972	1.3 (1.21–1.4)
Amapá	1973	1.3 (1.2–1.41)
Amapá	1974	1.29 (1.19–1.4)
Amapá	1975	1.28 (1.18–1.39)
Amapá	1976	1.27 (1.16–1.38)
Amapá	1977	1.26 (1.16–1.36)
Amapá	1978	1.24 (1.15–1.34)
Amapá	1979	1.25 (1.15–1.35)
Amapá	1980	1.29 (1.19–1.39)
Amapá	1981	1.26 (1.17–1.36)
Amapá	1982	1.26 (1.18–1.36)
Amapá	1983	1.28 (1.19–1.37)
Amapá	1984	1.27 (1.19–1.35)
Amapá	1985	1.3 (1.23–1.38)
Amapá	1986	1.29 (1.22–1.36)
Amapá	1987	1.28 (1.21–1.36)
Amapá	1988	1.26 (1.19–1.34)
Amapá	1989	1.27 (1.19–1.35)
Amapá	1990	1.28 (1.19–1.36)
Amapá	1991	1.29 (1.2–1.39)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Amapá	1992	1.28 (1.18–1.38)
Amapá	1993	1.25 (1.16–1.35)
Amapá	1994	1.24 (1.15–1.34)
Amapá	1995	1.24 (1.15–1.35)
Amapá	1996	1.25 (1.15–1.37)
Amapá	1997	1.25 (1.16–1.36)
Amapá	1998	1.26 (1.16–1.36)
Amapá	1999	1.26 (1.17–1.36)
Amapá	2000	1.26 (1.18–1.34)
Amapá	2001	1.29 (1.22–1.36)
Amapá	2002	1.3 (1.23–1.37)
Amapá	2003	1.3 (1.21–1.37)
Amapá	2004	1.29 (1.19–1.39)
Amapá	2005	1.29 (1.17–1.4)
Amapá	2006	1.28 (1.16–1.41)
Amapá	2007	1.28 (1.15–1.4)
Amapá	2008	1.27 (1.15–1.39)
Amapá	2009	1.25 (1.13–1.37)
Amapá	2010	1.24 (1.12–1.37)
Amapá	2011	1.22 (1.1–1.36)
Amapá	2012	1.21 (1.08–1.34)
Amapá	2013	1.19 (1.07–1.32)
Amapá	2014	1.18 (1.07–1.3)
Amapá	2015	1.16 (1.06–1.28)
Amapá	2016	1.15 (1.04–1.26)
Amapá	2017	1.16 (1.05–1.28)
Amazonas	1950	1.24 (1.14–1.32)
Amazonas	1951	1.24 (1.14–1.33)
Amazonas	1952	1.24 (1.14–1.34)
Amazonas	1953	1.24 (1.14–1.35)
Amazonas	1954	1.24 (1.13–1.36)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Amazonas	1955	1.24 (1.13–1.35)
Amazonas	1956	1.23 (1.12–1.33)
Amazonas	1957	1.23 (1.13–1.33)
Amazonas	1958	1.23 (1.14–1.32)
Amazonas	1959	1.23 (1.16–1.31)
Amazonas	1960	1.24 (1.18–1.29)
Amazonas	1961	1.25 (1.2–1.3)
Amazonas	1962	1.25 (1.18–1.32)
Amazonas	1963	1.26 (1.17–1.35)
Amazonas	1964	1.27 (1.17–1.37)
Amazonas	1965	1.28 (1.18–1.38)
Amazonas	1966	1.29 (1.19–1.39)
Amazonas	1967	1.29 (1.2–1.39)
Amazonas	1968	1.3 (1.21–1.39)
Amazonas	1969	1.3 (1.22–1.39)
Amazonas	1970	1.31 (1.22–1.39)
Amazonas	1971	1.3 (1.21–1.4)
Amazonas	1972	1.3 (1.21–1.4)
Amazonas	1973	1.3 (1.2–1.4)
Amazonas	1974	1.28 (1.19–1.39)
Amazonas	1975	1.27 (1.17–1.38)
Amazonas	1976	1.26 (1.16–1.37)
Amazonas	1977	1.25 (1.15–1.35)
Amazonas	1978	1.24 (1.14–1.33)
Amazonas	1979	1.24 (1.15–1.33)
Amazonas	1980	1.28 (1.18–1.38)
Amazonas	1981	1.26 (1.16–1.34)
Amazonas	1982	1.26 (1.17–1.35)
Amazonas	1983	1.28 (1.19–1.36)
Amazonas	1984	1.27 (1.18–1.35)
Amazonas	1985	1.29 (1.22–1.37)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Amazonas	1986	1.28 (1.21–1.35)
Amazonas	1987	1.28 (1.21–1.35)
Amazonas	1988	1.26 (1.19–1.33)
Amazonas	1989	1.27 (1.19–1.35)
Amazonas	1990	1.27 (1.18–1.36)
Amazonas	1991	1.29 (1.2–1.39)
Amazonas	1992	1.28 (1.18–1.38)
Amazonas	1993	1.25 (1.16–1.35)
Amazonas	1994	1.23 (1.15–1.33)
Amazonas	1995	1.24 (1.15–1.35)
Amazonas	1996	1.25 (1.15–1.36)
Amazonas	1997	1.25 (1.16–1.36)
Amazonas	1998	1.26 (1.16–1.36)
Amazonas	1999	1.26 (1.17–1.36)
Amazonas	2000	1.26 (1.18–1.34)
Amazonas	2001	1.29 (1.22–1.36)
Amazonas	2002	1.3 (1.23–1.37)
Amazonas	2003	1.3 (1.21–1.37)
Amazonas	2004	1.29 (1.19–1.39)
Amazonas	2005	1.29 (1.17–1.4)
Amazonas	2006	1.28 (1.16–1.41)
Amazonas	2007	1.28 (1.15–1.4)
Amazonas	2008	1.27 (1.15–1.39)
Amazonas	2009	1.25 (1.13–1.37)
Amazonas	2010	1.24 (1.12–1.37)
Amazonas	2011	1.22 (1.1–1.36)
Amazonas	2012	1.21 (1.09–1.34)
Amazonas	2013	1.19 (1.07–1.32)
Amazonas	2014	1.18 (1.07–1.3)
Amazonas	2015	1.16 (1.06–1.28)
Amazonas	2016	1.15 (1.04–1.26)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Amazonas	2017	1.16 (1.05–1.28)
Bahia	1950	1.22 (1.14–1.29)
Bahia	1951	1.22 (1.13–1.3)
Bahia	1952	1.22 (1.14–1.31)
Bahia	1953	1.23 (1.13–1.32)
Bahia	1954	1.23 (1.13–1.33)
Bahia	1955	1.23 (1.12–1.33)
Bahia	1956	1.21 (1.11–1.32)
Bahia	1957	1.21 (1.12–1.31)
Bahia	1958	1.22 (1.14–1.3)
Bahia	1959	1.22 (1.15–1.29)
Bahia	1960	1.23 (1.18–1.27)
Bahia	1961	1.23 (1.19–1.28)
Bahia	1962	1.24 (1.17–1.3)
Bahia	1963	1.25 (1.16–1.33)
Bahia	1964	1.26 (1.16–1.36)
Bahia	1965	1.27 (1.17–1.36)
Bahia	1966	1.28 (1.18–1.37)
Bahia	1967	1.28 (1.19–1.37)
Bahia	1968	1.29 (1.2–1.37)
Bahia	1969	1.29 (1.21–1.38)
Bahia	1970	1.3 (1.21–1.38)
Bahia	1971	1.3 (1.21–1.39)
Bahia	1972	1.29 (1.21–1.39)
Bahia	1973	1.29 (1.19–1.39)
Bahia	1974	1.28 (1.18–1.39)
Bahia	1975	1.27 (1.17–1.38)
Bahia	1976	1.26 (1.16–1.37)
Bahia	1977	1.25 (1.15–1.35)
Bahia	1978	1.23 (1.14–1.33)
Bahia	1979	1.24 (1.15–1.33)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bahia	1980	1.28 (1.18–1.37)
Bahia	1981	1.25 (1.16–1.34)
Bahia	1982	1.25 (1.17–1.34)
Bahia	1983	1.27 (1.19–1.36)
Bahia	1984	1.26 (1.18–1.34)
Bahia	1985	1.29 (1.22–1.37)
Bahia	1986	1.28 (1.21–1.34)
Bahia	1987	1.27 (1.2–1.34)
Bahia	1988	1.26 (1.18–1.33)
Bahia	1989	1.26 (1.18–1.34)
Bahia	1990	1.27 (1.18–1.35)
Bahia	1991	1.29 (1.2–1.38)
Bahia	1992	1.27 (1.18–1.37)
Bahia	1993	1.25 (1.16–1.35)
Bahia	1994	1.23 (1.15–1.33)
Bahia	1995	1.24 (1.14–1.34)
Bahia	1996	1.25 (1.15–1.36)
Bahia	1997	1.25 (1.15–1.36)
Bahia	1998	1.26 (1.16–1.35)
Bahia	1999	1.26 (1.17–1.35)
Bahia	2000	1.26 (1.18–1.34)
Bahia	2001	1.29 (1.22–1.36)
Bahia	2002	1.3 (1.23–1.36)
Bahia	2003	1.29 (1.21–1.37)
Bahia	2004	1.29 (1.19–1.39)
Bahia	2005	1.29 (1.17–1.4)
Bahia	2006	1.28 (1.16–1.4)
Bahia	2007	1.28 (1.15–1.4)
Bahia	2008	1.27 (1.15–1.39)
Bahia	2009	1.25 (1.13–1.37)
Bahia	2010	1.24 (1.12–1.36)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bahia	2011	1.22 (1.1–1.35)
Bahia	2012	1.21 (1.08–1.34)
Bahia	2013	1.19 (1.07–1.32)
Bahia	2014	1.18 (1.07–1.3)
Bahia	2015	1.16 (1.06–1.28)
Bahia	2016	1.15 (1.04–1.26)
Bahia	2017	1.16 (1.05–1.28)
Ceará	1950	1.2 (1.13–1.26)
Ceará	1951	1.2 (1.12–1.27)
Ceará	1952	1.2 (1.13–1.28)
Ceará	1953	1.21 (1.12–1.29)
Ceará	1954	1.21 (1.12–1.3)
Ceará	1955	1.21 (1.11–1.3)
Ceará	1956	1.2 (1.1–1.29)
Ceará	1957	1.2 (1.11–1.29)
Ceará	1958	1.2 (1.13–1.28)
Ceará	1959	1.2 (1.14–1.27)
Ceará	1960	1.21 (1.16–1.25)
Ceará	1961	1.22 (1.17–1.25)
Ceará	1962	1.22 (1.16–1.28)
Ceará	1963	1.23 (1.15–1.3)
Ceará	1964	1.24 (1.15–1.33)
Ceará	1965	1.25 (1.16–1.34)
Ceará	1966	1.26 (1.17–1.34)
Ceará	1967	1.26 (1.18–1.34)
Ceará	1968	1.27 (1.19–1.34)
Ceará	1969	1.27 (1.2–1.35)
Ceará	1970	1.28 (1.2–1.35)
Ceará	1971	1.28 (1.2–1.36)
Ceará	1972	1.28 (1.2–1.36)
Ceará	1973	1.27 (1.18–1.37)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ceará	1974	1.26 (1.17–1.36)
Ceará	1975	1.25 (1.16–1.36)
Ceará	1976	1.24 (1.15–1.35)
Ceará	1977	1.23 (1.14–1.33)
Ceará	1978	1.22 (1.13–1.31)
Ceará	1979	1.23 (1.14–1.31)
Ceará	1980	1.26 (1.17–1.35)
Ceará	1981	1.24 (1.15–1.32)
Ceará	1982	1.24 (1.16–1.33)
Ceará	1983	1.26 (1.18–1.34)
Ceará	1984	1.25 (1.17–1.33)
Ceará	1985	1.28 (1.21–1.35)
Ceará	1986	1.27 (1.2–1.33)
Ceará	1987	1.27 (1.2–1.34)
Ceará	1988	1.25 (1.18–1.32)
Ceará	1989	1.26 (1.18–1.34)
Ceará	1990	1.26 (1.18–1.35)
Ceará	1991	1.28 (1.19–1.38)
Ceará	1992	1.27 (1.18–1.37)
Ceará	1993	1.25 (1.16–1.34)
Ceará	1994	1.23 (1.14–1.33)
Ceará	1995	1.23 (1.14–1.34)
Ceará	1996	1.24 (1.15–1.36)
Ceará	1997	1.25 (1.15–1.36)
Ceará	1998	1.26 (1.16–1.35)
Ceará	1999	1.26 (1.17–1.35)
Ceará	2000	1.26 (1.18–1.34)
Ceará	2001	1.29 (1.22–1.36)
Ceará	2002	1.3 (1.23–1.36)
Ceará	2003	1.29 (1.21–1.37)
Ceará	2004	1.29 (1.19–1.39)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Ceará	2005	1.29 (1.17–1.39)
Ceará	2006	1.28 (1.16–1.4)
Ceará	2007	1.28 (1.15–1.4)
Ceará	2008	1.27 (1.15–1.39)
Ceará	2009	1.25 (1.13–1.37)
Ceará	2010	1.24 (1.12–1.36)
Ceará	2011	1.22 (1.1–1.35)
Ceará	2012	1.21 (1.08–1.34)
Ceará	2013	1.19 (1.07–1.32)
Ceará	2014	1.18 (1.07–1.3)
Ceará	2015	1.16 (1.06–1.28)
Ceará	2016	1.15 (1.04–1.26)
Ceará	2017	1.16 (1.05–1.28)
Distrito Federal	1950	1.23 (1.14–1.31)
Distrito Federal	1951	1.23 (1.14–1.32)
Distrito Federal	1952	1.24 (1.14–1.33)
Distrito Federal	1953	1.24 (1.14–1.34)
Distrito Federal	1954	1.24 (1.13–1.35)
Distrito Federal	1955	1.24 (1.13–1.35)
Distrito Federal	1956	1.23 (1.12–1.33)
Distrito Federal	1957	1.22 (1.12–1.33)
Distrito Federal	1958	1.23 (1.14–1.32)
Distrito Federal	1959	1.23 (1.16–1.31)
Distrito Federal	1960	1.24 (1.18–1.29)
Distrito Federal	1961	1.25 (1.19–1.29)
Distrito Federal	1962	1.25 (1.18–1.32)
Distrito Federal	1963	1.26 (1.17–1.35)
Distrito Federal	1964	1.27 (1.17–1.37)
Distrito Federal	1965	1.28 (1.18–1.38)
Distrito Federal	1966	1.29 (1.19–1.39)
Distrito Federal	1967	1.3 (1.2–1.39)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Distrito Federal	1968	1.3 (1.21–1.39)
Distrito Federal	1969	1.31 (1.22–1.4)
Distrito Federal	1970	1.31 (1.22–1.4)
Distrito Federal	1971	1.31 (1.22–1.41)
Distrito Federal	1972	1.31 (1.22–1.4)
Distrito Federal	1973	1.3 (1.2–1.41)
Distrito Federal	1974	1.29 (1.19–1.4)
Distrito Federal	1975	1.28 (1.18–1.4)
Distrito Federal	1976	1.27 (1.16–1.38)
Distrito Federal	1977	1.26 (1.16–1.36)
Distrito Federal	1978	1.24 (1.15–1.34)
Distrito Federal	1979	1.25 (1.15–1.35)
Distrito Federal	1980	1.29 (1.19–1.38)
Distrito Federal	1981	1.26 (1.17–1.35)
Distrito Federal	1982	1.26 (1.18–1.36)
Distrito Federal	1983	1.28 (1.2–1.37)
Distrito Federal	1984	1.27 (1.19–1.35)
Distrito Federal	1985	1.3 (1.23–1.38)
Distrito Federal	1986	1.29 (1.22–1.36)
Distrito Federal	1987	1.29 (1.21–1.36)
Distrito Federal	1988	1.27 (1.19–1.34)
Distrito Federal	1989	1.27 (1.19–1.35)
Distrito Federal	1990	1.28 (1.19–1.37)
Distrito Federal	1991	1.29 (1.2–1.4)
Distrito Federal	1992	1.28 (1.18–1.39)
Distrito Federal	1993	1.26 (1.16–1.36)
Distrito Federal	1994	1.24 (1.15–1.34)
Distrito Federal	1995	1.24 (1.15–1.35)
Distrito Federal	1996	1.25 (1.15–1.37)
Distrito Federal	1997	1.26 (1.16–1.37)
Distrito Federal	1998	1.26 (1.16–1.36)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Distrito Federal	1999	1.27 (1.18–1.36)
Distrito Federal	2000	1.26 (1.18–1.34)
Distrito Federal	2001	1.3 (1.22–1.37)
Distrito Federal	2002	1.31 (1.23–1.37)
Distrito Federal	2003	1.3 (1.21–1.37)
Distrito Federal	2004	1.29 (1.19–1.39)
Distrito Federal	2005	1.29 (1.17–1.4)
Distrito Federal	2006	1.28 (1.17–1.41)
Distrito Federal	2007	1.28 (1.16–1.4)
Distrito Federal	2008	1.27 (1.15–1.39)
Distrito Federal	2009	1.25 (1.13–1.38)
Distrito Federal	2010	1.24 (1.12–1.37)
Distrito Federal	2011	1.23 (1.1–1.36)
Distrito Federal	2012	1.21 (1.09–1.34)
Distrito Federal	2013	1.19 (1.07–1.32)
Distrito Federal	2014	1.18 (1.07–1.3)
Distrito Federal	2015	1.16 (1.06–1.28)
Distrito Federal	2016	1.15 (1.04–1.26)
Distrito Federal	2017	1.16 (1.05–1.28)
Espírito Santo	1950	1.24 (1.15–1.33)
Espírito Santo	1951	1.24 (1.14–1.34)
Espírito Santo	1952	1.25 (1.15–1.35)
Espírito Santo	1953	1.25 (1.14–1.36)
Espírito Santo	1954	1.25 (1.14–1.37)
Espírito Santo	1955	1.25 (1.13–1.36)
Espírito Santo	1956	1.23 (1.12–1.35)
Espírito Santo	1957	1.23 (1.13–1.34)
Espírito Santo	1958	1.23 (1.15–1.33)
Espírito Santo	1959	1.24 (1.16–1.31)
Espírito Santo	1960	1.25 (1.19–1.3)
Espírito Santo	1961	1.25 (1.2–1.3)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Espírito Santo	1962	1.26 (1.18–1.32)
Espírito Santo	1963	1.27 (1.18–1.35)
Espírito Santo	1964	1.28 (1.18–1.38)
Espírito Santo	1965	1.28 (1.18–1.39)
Espírito Santo	1966	1.3 (1.19–1.39)
Espírito Santo	1967	1.3 (1.2–1.4)
Espírito Santo	1968	1.3 (1.21–1.4)
Espírito Santo	1969	1.31 (1.22–1.4)
Espírito Santo	1970	1.31 (1.22–1.4)
Espírito Santo	1971	1.31 (1.22–1.41)
Espírito Santo	1972	1.31 (1.22–1.41)
Espírito Santo	1973	1.3 (1.2–1.41)
Espírito Santo	1974	1.29 (1.19–1.4)
Espírito Santo	1975	1.28 (1.18–1.39)
Espírito Santo	1976	1.27 (1.16–1.38)
Espírito Santo	1977	1.26 (1.16–1.36)
Espírito Santo	1978	1.24 (1.15–1.34)
Espírito Santo	1979	1.25 (1.15–1.34)
Espírito Santo	1980	1.29 (1.19–1.38)
Espírito Santo	1981	1.26 (1.17–1.35)
Espírito Santo	1982	1.26 (1.17–1.35)
Espírito Santo	1983	1.28 (1.19–1.37)
Espírito Santo	1984	1.27 (1.19–1.35)
Espírito Santo	1985	1.3 (1.23–1.38)
Espírito Santo	1986	1.29 (1.22–1.35)
Espírito Santo	1987	1.28 (1.21–1.36)
Espírito Santo	1988	1.26 (1.19–1.34)
Espírito Santo	1989	1.27 (1.19–1.35)
Espírito Santo	1990	1.27 (1.19–1.36)
Espírito Santo	1991	1.29 (1.2–1.39)
Espírito Santo	1992	1.28 (1.18–1.38)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Espírito Santo	1993	1.25 (1.16–1.36)
Espírito Santo	1994	1.24 (1.15–1.34)
Espírito Santo	1995	1.24 (1.15–1.35)
Espírito Santo	1996	1.25 (1.15–1.37)
Espírito Santo	1997	1.26 (1.16–1.37)
Espírito Santo	1998	1.26 (1.16–1.36)
Espírito Santo	1999	1.27 (1.17–1.36)
Espírito Santo	2000	1.26 (1.18–1.34)
Espírito Santo	2001	1.3 (1.22–1.37)
Espírito Santo	2002	1.3 (1.23–1.37)
Espírito Santo	2003	1.3 (1.21–1.37)
Espírito Santo	2004	1.29 (1.19–1.39)
Espírito Santo	2005	1.29 (1.17–1.4)
Espírito Santo	2006	1.28 (1.16–1.41)
Espírito Santo	2007	1.28 (1.15–1.4)
Espírito Santo	2008	1.27 (1.15–1.39)
Espírito Santo	2009	1.25 (1.13–1.37)
Espírito Santo	2010	1.24 (1.12–1.37)
Espírito Santo	2011	1.23 (1.1–1.36)
Espírito Santo	2012	1.21 (1.09–1.34)
Espírito Santo	2013	1.19 (1.07–1.32)
Espírito Santo	2014	1.18 (1.07–1.3)
Espírito Santo	2015	1.16 (1.06–1.28)
Espírito Santo	2016	1.15 (1.04–1.26)
Espírito Santo	2017	1.16 (1.05–1.28)
Goiás	1950	1.23 (1.14–1.32)
Goiás	1951	1.23 (1.14–1.32)
Goiás	1952	1.24 (1.14–1.33)
Goiás	1953	1.24 (1.14–1.34)
Goiás	1954	1.24 (1.13–1.35)
Goiás	1955	1.24 (1.13–1.35)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Goiás	1956	1.22 (1.12–1.33)
Goiás	1957	1.22 (1.12–1.33)
Goiás	1958	1.23 (1.14–1.32)
Goiás	1959	1.23 (1.16–1.3)
Goiás	1960	1.24 (1.18–1.29)
Goiás	1961	1.25 (1.19–1.29)
Goiás	1962	1.25 (1.18–1.31)
Goiás	1963	1.26 (1.17–1.34)
Goiás	1964	1.27 (1.17–1.37)
Goiás	1965	1.28 (1.18–1.37)
Goiás	1966	1.29 (1.19–1.38)
Goiás	1967	1.29 (1.2–1.39)
Goiás	1968	1.3 (1.21–1.39)
Goiás	1969	1.3 (1.22–1.39)
Goiás	1970	1.31 (1.22–1.4)
Goiás	1971	1.31 (1.22–1.41)
Goiás	1972	1.31 (1.22–1.4)
Goiás	1973	1.3 (1.2–1.41)
Goiás	1974	1.29 (1.19–1.4)
Goiás	1975	1.28 (1.18–1.39)
Goiás	1976	1.27 (1.16–1.38)
Goiás	1977	1.25 (1.16–1.36)
Goiás	1978	1.24 (1.15–1.34)
Goiás	1979	1.25 (1.15–1.34)
Goiás	1980	1.28 (1.19–1.38)
Goiás	1981	1.26 (1.17–1.35)
Goiás	1982	1.26 (1.17–1.35)
Goiás	1983	1.28 (1.19–1.37)
Goiás	1984	1.27 (1.19–1.35)
Goiás	1985	1.3 (1.23–1.38)
Goiás	1986	1.29 (1.22–1.36)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Goiás	1987	1.28 (1.21–1.36)
Goiás	1988	1.26 (1.19–1.34)
Goiás	1989	1.27 (1.19–1.35)
Goiás	1990	1.27 (1.19–1.36)
Goiás	1991	1.29 (1.2–1.39)
Goiás	1992	1.28 (1.18–1.38)
Goiás	1993	1.26 (1.16–1.35)
Goiás	1994	1.24 (1.15–1.34)
Goiás	1995	1.24 (1.15–1.35)
Goiás	1996	1.25 (1.15–1.37)
Goiás	1997	1.26 (1.16–1.37)
Goiás	1998	1.26 (1.16–1.36)
Goiás	1999	1.27 (1.17–1.36)
Goiás	2000	1.26 (1.18–1.34)
Goiás	2001	1.3 (1.22–1.37)
Goiás	2002	1.31 (1.23–1.37)
Goiás	2003	1.3 (1.21–1.37)
Goiás	2004	1.29 (1.19–1.39)
Goiás	2005	1.29 (1.17–1.4)
Goiás	2006	1.28 (1.17–1.41)
Goiás	2007	1.28 (1.16–1.4)
Goiás	2008	1.27 (1.15–1.39)
Goiás	2009	1.25 (1.13–1.38)
Goiás	2010	1.24 (1.12–1.37)
Goiás	2011	1.23 (1.1–1.36)
Goiás	2012	1.21 (1.09–1.34)
Goiás	2013	1.19 (1.07–1.32)
Goiás	2014	1.18 (1.07–1.3)
Goiás	2015	1.16 (1.06–1.28)
Goiás	2016	1.15 (1.04–1.26)
Goiás	2017	1.16 (1.05–1.28)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Maranhão	1950	1.21 (1.13–1.29)
Maranhão	1951	1.21 (1.13–1.29)
Maranhão	1952	1.21 (1.13–1.3)
Maranhão	1953	1.22 (1.12–1.31)
Maranhão	1954	1.22 (1.12–1.32)
Maranhão	1955	1.22 (1.12–1.32)
Maranhão	1956	1.2 (1.11–1.3)
Maranhão	1957	1.2 (1.11–1.3)
Maranhão	1958	1.21 (1.13–1.29)
Maranhão	1959	1.21 (1.15–1.27)
Maranhão	1960	1.22 (1.17–1.26)
Maranhão	1961	1.22 (1.18–1.26)
Maranhão	1962	1.23 (1.17–1.28)
Maranhão	1963	1.24 (1.16–1.31)
Maranhão	1964	1.25 (1.16–1.34)
Maranhão	1965	1.26 (1.16–1.35)
Maranhão	1966	1.27 (1.18–1.36)
Maranhão	1967	1.27 (1.18–1.36)
Maranhão	1968	1.28 (1.19–1.36)
Maranhão	1969	1.28 (1.2–1.36)
Maranhão	1970	1.28 (1.21–1.37)
Maranhão	1971	1.28 (1.2–1.37)
Maranhão	1972	1.28 (1.2–1.38)
Maranhão	1973	1.28 (1.19–1.38)
Maranhão	1974	1.27 (1.18–1.38)
Maranhão	1975	1.26 (1.17–1.36)
Maranhão	1976	1.25 (1.15–1.35)
Maranhão	1977	1.24 (1.15–1.34)
Maranhão	1978	1.23 (1.14–1.32)
Maranhão	1979	1.23 (1.14–1.32)
Maranhão	1980	1.27 (1.18–1.36)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Maranhão	1981	1.25 (1.16–1.33)
Maranhão	1982	1.25 (1.16–1.33)
Maranhão	1983	1.27 (1.18–1.35)
Maranhão	1984	1.26 (1.18–1.33)
Maranhão	1985	1.28 (1.22–1.36)
Maranhão	1986	1.27 (1.21–1.34)
Maranhão	1987	1.27 (1.2–1.34)
Maranhão	1988	1.25 (1.18–1.32)
Maranhão	1989	1.26 (1.18–1.34)
Maranhão	1990	1.26 (1.18–1.35)
Maranhão	1991	1.28 (1.19–1.38)
Maranhão	1992	1.27 (1.18–1.37)
Maranhão	1993	1.25 (1.16–1.34)
Maranhão	1994	1.23 (1.14–1.33)
Maranhão	1995	1.24 (1.14–1.34)
Maranhão	1996	1.25 (1.15–1.36)
Maranhão	1997	1.25 (1.15–1.36)
Maranhão	1998	1.26 (1.16–1.35)
Maranhão	1999	1.26 (1.17–1.35)
Maranhão	2000	1.26 (1.18–1.34)
Maranhão	2001	1.29 (1.22–1.36)
Maranhão	2002	1.3 (1.23–1.36)
Maranhão	2003	1.29 (1.21–1.37)
Maranhão	2004	1.29 (1.19–1.39)
Maranhão	2005	1.29 (1.17–1.4)
Maranhão	2006	1.28 (1.16–1.4)
Maranhão	2007	1.28 (1.15–1.4)
Maranhão	2008	1.27 (1.15–1.39)
Maranhão	2009	1.25 (1.13–1.37)
Maranhão	2010	1.24 (1.12–1.37)
Maranhão	2011	1.22 (1.1–1.35)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Maranhão	2012	1.21 (1.08–1.34)
Maranhão	2013	1.19 (1.07–1.32)
Maranhão	2014	1.18 (1.07–1.3)
Maranhão	2015	1.16 (1.06–1.28)
Maranhão	2016	1.15 (1.04–1.26)
Maranhão	2017	1.16 (1.05–1.28)
Mato Grosso	1950	1.23 (1.14–1.31)
Mato Grosso	1951	1.23 (1.13–1.32)
Mato Grosso	1952	1.23 (1.14–1.32)
Mato Grosso	1953	1.23 (1.13–1.34)
Mato Grosso	1954	1.23 (1.13–1.35)
Mato Grosso	1955	1.23 (1.13–1.34)
Mato Grosso	1956	1.22 (1.12–1.32)
Mato Grosso	1957	1.22 (1.12–1.32)
Mato Grosso	1958	1.22 (1.14–1.31)
Mato Grosso	1959	1.23 (1.16–1.3)
Mato Grosso	1960	1.24 (1.18–1.28)
Mato Grosso	1961	1.24 (1.19–1.29)
Mato Grosso	1962	1.25 (1.18–1.31)
Mato Grosso	1963	1.26 (1.17–1.34)
Mato Grosso	1964	1.26 (1.17–1.37)
Mato Grosso	1965	1.27 (1.17–1.37)
Mato Grosso	1966	1.29 (1.19–1.38)
Mato Grosso	1967	1.29 (1.19–1.39)
Mato Grosso	1968	1.3 (1.21–1.39)
Mato Grosso	1969	1.3 (1.22–1.39)
Mato Grosso	1970	1.31 (1.22–1.39)
Mato Grosso	1971	1.31 (1.21–1.41)
Mato Grosso	1972	1.3 (1.21–1.4)
Mato Grosso	1973	1.3 (1.2–1.4)
Mato Grosso	1974	1.29 (1.19–1.4)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mato Grosso	1975	1.28 (1.18–1.39)
Mato Grosso	1976	1.27 (1.16–1.38)
Mato Grosso	1977	1.25 (1.16–1.36)
Mato Grosso	1978	1.24 (1.15–1.34)
Mato Grosso	1979	1.25 (1.15–1.34)
Mato Grosso	1980	1.28 (1.19–1.38)
Mato Grosso	1981	1.26 (1.17–1.35)
Mato Grosso	1982	1.26 (1.17–1.35)
Mato Grosso	1983	1.28 (1.19–1.37)
Mato Grosso	1984	1.27 (1.18–1.35)
Mato Grosso	1985	1.3 (1.22–1.38)
Mato Grosso	1986	1.28 (1.21–1.35)
Mato Grosso	1987	1.28 (1.21–1.35)
Mato Grosso	1988	1.26 (1.19–1.34)
Mato Grosso	1989	1.27 (1.19–1.35)
Mato Grosso	1990	1.27 (1.19–1.36)
Mato Grosso	1991	1.29 (1.2–1.39)
Mato Grosso	1992	1.28 (1.18–1.38)
Mato Grosso	1993	1.25 (1.16–1.35)
Mato Grosso	1994	1.24 (1.15–1.34)
Mato Grosso	1995	1.24 (1.15–1.35)
Mato Grosso	1996	1.25 (1.15–1.37)
Mato Grosso	1997	1.25 (1.16–1.36)
Mato Grosso	1998	1.26 (1.16–1.36)
Mato Grosso	1999	1.27 (1.17–1.36)
Mato Grosso	2000	1.26 (1.18–1.34)
Mato Grosso	2001	1.3 (1.22–1.37)
Mato Grosso	2002	1.3 (1.23–1.37)
Mato Grosso	2003	1.3 (1.21–1.37)
Mato Grosso	2004	1.29 (1.19–1.39)
Mato Grosso	2005	1.29 (1.17–1.4)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mato Grosso	2006	1.28 (1.17–1.41)
Mato Grosso	2007	1.28 (1.15–1.4)
Mato Grosso	2008	1.27 (1.15–1.39)
Mato Grosso	2009	1.25 (1.13–1.37)
Mato Grosso	2010	1.24 (1.12–1.37)
Mato Grosso	2011	1.23 (1.1–1.36)
Mato Grosso	2012	1.21 (1.09–1.34)
Mato Grosso	2013	1.19 (1.07–1.32)
Mato Grosso	2014	1.18 (1.07–1.3)
Mato Grosso	2015	1.16 (1.06–1.28)
Mato Grosso	2016	1.15 (1.04–1.26)
Mato Grosso	2017	1.16 (1.05–1.28)
Mato Grosso do Sul	1950	1.24 (1.15–1.33)
Mato Grosso do Sul	1951	1.25 (1.14–1.34)
Mato Grosso do Sul	1952	1.25 (1.15–1.35)
Mato Grosso do Sul	1953	1.25 (1.14–1.36)
Mato Grosso do Sul	1954	1.25 (1.14–1.37)
Mato Grosso do Sul	1955	1.25 (1.13–1.36)
Mato Grosso do Sul	1956	1.23 (1.12–1.35)
Mato Grosso do Sul	1957	1.23 (1.13–1.34)
Mato Grosso do Sul	1958	1.23 (1.15–1.33)
Mato Grosso do Sul	1959	1.24 (1.16–1.32)
Mato Grosso do Sul	1960	1.25 (1.19–1.3)
Mato Grosso do Sul	1961	1.25 (1.2–1.3)
Mato Grosso do Sul	1962	1.26 (1.19–1.32)
Mato Grosso do Sul	1963	1.27 (1.18–1.35)
Mato Grosso do Sul	1964	1.28 (1.18–1.38)
Mato Grosso do Sul	1965	1.29 (1.18–1.39)
Mato Grosso do Sul	1966	1.3 (1.2–1.4)
Mato Grosso do Sul	1967	1.3 (1.2–1.4)
Mato Grosso do Sul	1968	1.31 (1.22–1.4)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mato Grosso do Sul	1969	1.31 (1.22–1.41)
Mato Grosso do Sul	1970	1.32 (1.23–1.41)
Mato Grosso do Sul	1971	1.31 (1.22–1.41)
Mato Grosso do Sul	1972	1.31 (1.22–1.41)
Mato Grosso do Sul	1973	1.31 (1.21–1.41)
Mato Grosso do Sul	1974	1.29 (1.19–1.41)
Mato Grosso do Sul	1975	1.28 (1.18–1.4)
Mato Grosso do Sul	1976	1.27 (1.16–1.38)
Mato Grosso do Sul	1977	1.26 (1.16–1.36)
Mato Grosso do Sul	1978	1.24 (1.15–1.34)
Mato Grosso do Sul	1979	1.25 (1.15–1.35)
Mato Grosso do Sul	1980	1.29 (1.19–1.39)
Mato Grosso do Sul	1981	1.26 (1.17–1.35)
Mato Grosso do Sul	1982	1.26 (1.17–1.36)
Mato Grosso do Sul	1983	1.28 (1.19–1.37)
Mato Grosso do Sul	1984	1.27 (1.19–1.35)
Mato Grosso do Sul	1985	1.3 (1.23–1.38)
Mato Grosso do Sul	1986	1.29 (1.22–1.36)
Mato Grosso do Sul	1987	1.28 (1.21–1.36)
Mato Grosso do Sul	1988	1.26 (1.19–1.34)
Mato Grosso do Sul	1989	1.27 (1.19–1.35)
Mato Grosso do Sul	1990	1.28 (1.19–1.36)
Mato Grosso do Sul	1991	1.29 (1.2–1.39)
Mato Grosso do Sul	1992	1.28 (1.18–1.38)
Mato Grosso do Sul	1993	1.25 (1.16–1.35)
Mato Grosso do Sul	1994	1.24 (1.15–1.34)
Mato Grosso do Sul	1995	1.24 (1.15–1.35)
Mato Grosso do Sul	1996	1.25 (1.15–1.37)
Mato Grosso do Sul	1997	1.26 (1.16–1.36)
Mato Grosso do Sul	1998	1.26 (1.16–1.36)
Mato Grosso do Sul	1999	1.27 (1.17–1.36)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mato Grosso do Sul	2000	1.26 (1.18–1.34)
Mato Grosso do Sul	2001	1.29 (1.22–1.36)
Mato Grosso do Sul	2002	1.3 (1.23–1.37)
Mato Grosso do Sul	2003	1.3 (1.21–1.37)
Mato Grosso do Sul	2004	1.29 (1.19–1.39)
Mato Grosso do Sul	2005	1.29 (1.17–1.4)
Mato Grosso do Sul	2006	1.28 (1.16–1.41)
Mato Grosso do Sul	2007	1.28 (1.15–1.4)
Mato Grosso do Sul	2008	1.27 (1.15–1.39)
Mato Grosso do Sul	2009	1.25 (1.13–1.37)
Mato Grosso do Sul	2010	1.24 (1.12–1.37)
Mato Grosso do Sul	2011	1.23 (1.1–1.36)
Mato Grosso do Sul	2012	1.21 (1.09–1.34)
Mato Grosso do Sul	2013	1.19 (1.07–1.32)
Mato Grosso do Sul	2014	1.18 (1.07–1.3)
Mato Grosso do Sul	2015	1.16 (1.06–1.28)
Mato Grosso do Sul	2016	1.15 (1.04–1.26)
Mato Grosso do Sul	2017	1.16 (1.05–1.28)
Minas Gerais	1950	1.24 (1.15–1.32)
Minas Gerais	1951	1.24 (1.14–1.33)
Minas Gerais	1952	1.24 (1.15–1.34)
Minas Gerais	1953	1.24 (1.14–1.35)
Minas Gerais	1954	1.24 (1.14–1.36)
Minas Gerais	1955	1.24 (1.13–1.36)
Minas Gerais	1956	1.23 (1.12–1.34)
Minas Gerais	1957	1.23 (1.13–1.34)
Minas Gerais	1958	1.23 (1.14–1.33)
Minas Gerais	1959	1.24 (1.16–1.31)
Minas Gerais	1960	1.24 (1.19–1.29)
Minas Gerais	1961	1.25 (1.2–1.3)
Minas Gerais	1962	1.26 (1.18–1.32)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Minas Gerais	1963	1.26 (1.17–1.35)
Minas Gerais	1964	1.27 (1.17–1.38)
Minas Gerais	1965	1.28 (1.18–1.38)
Minas Gerais	1966	1.29 (1.19–1.39)
Minas Gerais	1967	1.3 (1.2–1.39)
Minas Gerais	1968	1.3 (1.21–1.39)
Minas Gerais	1969	1.31 (1.22–1.4)
Minas Gerais	1970	1.31 (1.22–1.4)
Minas Gerais	1971	1.31 (1.22–1.41)
Minas Gerais	1972	1.31 (1.22–1.4)
Minas Gerais	1973	1.3 (1.2–1.41)
Minas Gerais	1974	1.29 (1.19–1.4)
Minas Gerais	1975	1.28 (1.18–1.39)
Minas Gerais	1976	1.27 (1.16–1.38)
Minas Gerais	1977	1.26 (1.16–1.36)
Minas Gerais	1978	1.24 (1.15–1.34)
Minas Gerais	1979	1.25 (1.15–1.34)
Minas Gerais	1980	1.28 (1.19–1.38)
Minas Gerais	1981	1.26 (1.17–1.35)
Minas Gerais	1982	1.26 (1.17–1.35)
Minas Gerais	1983	1.28 (1.19–1.37)
Minas Gerais	1984	1.27 (1.18–1.35)
Minas Gerais	1985	1.3 (1.23–1.38)
Minas Gerais	1986	1.29 (1.22–1.35)
Minas Gerais	1987	1.28 (1.21–1.35)
Minas Gerais	1988	1.26 (1.19–1.34)
Minas Gerais	1989	1.27 (1.19–1.35)
Minas Gerais	1990	1.27 (1.19–1.36)
Minas Gerais	1991	1.29 (1.2–1.39)
Minas Gerais	1992	1.28 (1.18–1.38)
Minas Gerais	1993	1.25 (1.16–1.35)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Minas Gerais	1994	1.24 (1.15–1.34)
Minas Gerais	1995	1.24 (1.15–1.35)
Minas Gerais	1996	1.25 (1.15–1.36)
Minas Gerais	1997	1.26 (1.16–1.36)
Minas Gerais	1998	1.26 (1.16–1.36)
Minas Gerais	1999	1.27 (1.17–1.36)
Minas Gerais	2000	1.26 (1.18–1.34)
Minas Gerais	2001	1.29 (1.22–1.36)
Minas Gerais	2002	1.3 (1.23–1.37)
Minas Gerais	2003	1.3 (1.21–1.37)
Minas Gerais	2004	1.29 (1.19–1.39)
Minas Gerais	2005	1.29 (1.17–1.4)
Minas Gerais	2006	1.28 (1.16–1.41)
Minas Gerais	2007	1.28 (1.15–1.4)
Minas Gerais	2008	1.27 (1.15–1.39)
Minas Gerais	2009	1.25 (1.13–1.37)
Minas Gerais	2010	1.24 (1.12–1.37)
Minas Gerais	2011	1.23 (1.1–1.36)
Minas Gerais	2012	1.21 (1.09–1.34)
Minas Gerais	2013	1.19 (1.07–1.32)
Minas Gerais	2014	1.18 (1.07–1.3)
Minas Gerais	2015	1.16 (1.06–1.28)
Minas Gerais	2016	1.15 (1.04–1.26)
Minas Gerais	2017	1.16 (1.05–1.28)
Pará	1950	1.23 (1.14–1.32)
Pará	1951	1.23 (1.14–1.32)
Pará	1952	1.24 (1.14–1.33)
Pará	1953	1.24 (1.14–1.34)
Pará	1954	1.24 (1.13–1.35)
Pará	1955	1.24 (1.13–1.35)
Pará	1956	1.22 (1.12–1.33)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Pará	1957	1.22 (1.13–1.32)
Pará	1958	1.22 (1.14–1.31)
Pará	1959	1.23 (1.16–1.3)
Pará	1960	1.24 (1.18–1.28)
Pará	1961	1.24 (1.2–1.29)
Pará	1962	1.25 (1.18–1.31)
Pará	1963	1.26 (1.17–1.34)
Pará	1964	1.27 (1.17–1.37)
Pará	1965	1.27 (1.17–1.37)
Pará	1966	1.29 (1.19–1.38)
Pará	1967	1.29 (1.19–1.39)
Pará	1968	1.29 (1.21–1.38)
Pará	1969	1.3 (1.21–1.39)
Pará	1970	1.3 (1.22–1.39)
Pará	1971	1.3 (1.21–1.39)
Pará	1972	1.3 (1.21–1.39)
Pará	1973	1.29 (1.2–1.4)
Pará	1974	1.28 (1.19–1.39)
Pará	1975	1.27 (1.17–1.38)
Pará	1976	1.26 (1.16–1.37)
Pará	1977	1.25 (1.15–1.35)
Pará	1978	1.24 (1.14–1.33)
Pará	1979	1.24 (1.15–1.33)
Pará	1980	1.28 (1.18–1.37)
Pará	1981	1.25 (1.16–1.34)
Pará	1982	1.25 (1.17–1.34)
Pará	1983	1.27 (1.19–1.36)
Pará	1984	1.26 (1.18–1.34)
Pará	1985	1.29 (1.22–1.37)
Pará	1986	1.28 (1.21–1.35)
Pará	1987	1.28 (1.21–1.35)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Pará	1988	1.26 (1.19–1.33)
Pará	1989	1.27 (1.19–1.35)
Pará	1990	1.27 (1.18–1.36)
Pará	1991	1.29 (1.2–1.39)
Pará	1992	1.27 (1.18–1.38)
Pará	1993	1.25 (1.16–1.35)
Pará	1994	1.23 (1.15–1.33)
Pará	1995	1.24 (1.14–1.35)
Pará	1996	1.25 (1.15–1.36)
Pará	1997	1.25 (1.16–1.36)
Pará	1998	1.26 (1.16–1.36)
Pará	1999	1.26 (1.17–1.35)
Pará	2000	1.26 (1.18–1.34)
Pará	2001	1.29 (1.22–1.36)
Pará	2002	1.3 (1.23–1.36)
Pará	2003	1.29 (1.21–1.37)
Pará	2004	1.29 (1.19–1.39)
Pará	2005	1.29 (1.17–1.4)
Pará	2006	1.28 (1.16–1.41)
Pará	2007	1.28 (1.15–1.4)
Pará	2008	1.27 (1.15–1.39)
Pará	2009	1.25 (1.13–1.37)
Pará	2010	1.24 (1.12–1.37)
Pará	2011	1.22 (1.1–1.35)
Pará	2012	1.21 (1.08–1.34)
Pará	2013	1.19 (1.07–1.32)
Pará	2014	1.18 (1.07–1.3)
Pará	2015	1.16 (1.06–1.28)
Pará	2016	1.15 (1.04–1.26)
Pará	2017	1.16 (1.05–1.28)
Paraíba	1950	1.22 (1.13–1.28)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Paraíba	1951	1.22 (1.13–1.29)
Paraíba	1952	1.22 (1.13–1.3)
Paraíba	1953	1.22 (1.13–1.32)
Paraíba	1954	1.22 (1.13–1.33)
Paraíba	1955	1.22 (1.12–1.32)
Paraíba	1956	1.21 (1.11–1.31)
Paraíba	1957	1.21 (1.12–1.31)
Paraíba	1958	1.21 (1.13–1.3)
Paraíba	1959	1.22 (1.15–1.28)
Paraíba	1960	1.23 (1.17–1.27)
Paraíba	1961	1.23 (1.19–1.27)
Paraíba	1962	1.24 (1.17–1.29)
Paraíba	1963	1.25 (1.16–1.32)
Paraíba	1964	1.26 (1.16–1.35)
Paraíba	1965	1.26 (1.17–1.36)
Paraíba	1966	1.28 (1.18–1.37)
Paraíba	1967	1.28 (1.19–1.37)
Paraíba	1968	1.29 (1.2–1.37)
Paraíba	1969	1.29 (1.21–1.37)
Paraíba	1970	1.29 (1.21–1.38)
Paraíba	1971	1.29 (1.21–1.38)
Paraíba	1972	1.29 (1.21–1.38)
Paraíba	1973	1.29 (1.19–1.39)
Paraíba	1974	1.28 (1.18–1.38)
Paraíba	1975	1.27 (1.17–1.38)
Paraíba	1976	1.26 (1.15–1.36)
Paraíba	1977	1.24 (1.15–1.35)
Paraíba	1978	1.23 (1.14–1.33)
Paraíba	1979	1.24 (1.14–1.33)
Paraíba	1980	1.27 (1.18–1.37)
Paraíba	1981	1.25 (1.16–1.34)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Paraíba	1982	1.25 (1.17–1.34)
Paraíba	1983	1.27 (1.19–1.36)
Paraíba	1984	1.26 (1.18–1.34)
Paraíba	1985	1.29 (1.22–1.37)
Paraíba	1986	1.28 (1.21–1.34)
Paraíba	1987	1.28 (1.21–1.35)
Paraíba	1988	1.26 (1.19–1.33)
Paraíba	1989	1.26 (1.19–1.34)
Paraíba	1990	1.27 (1.18–1.36)
Paraíba	1991	1.29 (1.2–1.39)
Paraíba	1992	1.27 (1.18–1.38)
Paraíba	1993	1.25 (1.16–1.35)
Paraíba	1994	1.23 (1.15–1.33)
Paraíba	1995	1.24 (1.14–1.35)
Paraíba	1996	1.25 (1.15–1.36)
Paraíba	1997	1.25 (1.16–1.36)
Paraíba	1998	1.26 (1.16–1.36)
Paraíba	1999	1.26 (1.17–1.36)
Paraíba	2000	1.26 (1.18–1.34)
Paraíba	2001	1.29 (1.22–1.36)
Paraíba	2002	1.3 (1.23–1.36)
Paraíba	2003	1.3 (1.21–1.37)
Paraíba	2004	1.29 (1.19–1.39)
Paraíba	2005	1.29 (1.17–1.4)
Paraíba	2006	1.28 (1.16–1.41)
Paraíba	2007	1.28 (1.15–1.4)
Paraíba	2008	1.27 (1.15–1.39)
Paraíba	2009	1.25 (1.13–1.37)
Paraíba	2010	1.24 (1.12–1.37)
Paraíba	2011	1.22 (1.1–1.36)
Paraíba	2012	1.21 (1.09–1.34)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Paraíba	2013	1.19 (1.07–1.32)
Paraíba	2014	1.18 (1.07–1.3)
Paraíba	2015	1.16 (1.06–1.28)
Paraíba	2016	1.15 (1.04–1.26)
Paraíba	2017	1.16 (1.05–1.28)
Paraná	1950	1.24 (1.15–1.32)
Paraná	1951	1.24 (1.14–1.33)
Paraná	1952	1.24 (1.15–1.34)
Paraná	1953	1.24 (1.14–1.35)
Paraná	1954	1.25 (1.14–1.36)
Paraná	1955	1.24 (1.13–1.36)
Paraná	1956	1.23 (1.12–1.34)
Paraná	1957	1.23 (1.13–1.34)
Paraná	1958	1.23 (1.14–1.33)
Paraná	1959	1.24 (1.16–1.31)
Paraná	1960	1.24 (1.19–1.29)
Paraná	1961	1.25 (1.2–1.3)
Paraná	1962	1.26 (1.18–1.32)
Paraná	1963	1.26 (1.18–1.35)
Paraná	1964	1.27 (1.17–1.38)
Paraná	1965	1.28 (1.18–1.39)
Paraná	1966	1.29 (1.19–1.39)
Paraná	1967	1.3 (1.2–1.4)
Paraná	1968	1.31 (1.21–1.4)
Paraná	1969	1.31 (1.22–1.4)
Paraná	1970	1.31 (1.23–1.4)
Paraná	1971	1.31 (1.22–1.41)
Paraná	1972	1.31 (1.22–1.41)
Paraná	1973	1.3 (1.2–1.41)
Paraná	1974	1.29 (1.19–1.4)
Paraná	1975	1.28 (1.18–1.39)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Paraná	1976	1.27 (1.16–1.38)
Paraná	1977	1.26 (1.16–1.36)
Paraná	1978	1.24 (1.15–1.34)
Paraná	1979	1.25 (1.15–1.34)
Paraná	1980	1.28 (1.19–1.38)
Paraná	1981	1.26 (1.17–1.35)
Paraná	1982	1.26 (1.17–1.35)
Paraná	1983	1.28 (1.19–1.37)
Paraná	1984	1.27 (1.19–1.35)
Paraná	1985	1.3 (1.23–1.38)
Paraná	1986	1.29 (1.22–1.36)
Paraná	1987	1.28 (1.21–1.36)
Paraná	1988	1.26 (1.19–1.34)
Paraná	1989	1.27 (1.19–1.35)
Paraná	1990	1.27 (1.19–1.36)
Paraná	1991	1.29 (1.2–1.39)
Paraná	1992	1.28 (1.18–1.39)
Paraná	1993	1.26 (1.16–1.36)
Paraná	1994	1.24 (1.15–1.34)
Paraná	1995	1.24 (1.15–1.35)
Paraná	1996	1.25 (1.15–1.37)
Paraná	1997	1.26 (1.16–1.37)
Paraná	1998	1.26 (1.16–1.36)
Paraná	1999	1.27 (1.17–1.36)
Paraná	2000	1.26 (1.18–1.34)
Paraná	2001	1.3 (1.22–1.37)
Paraná	2002	1.3 (1.23–1.37)
Paraná	2003	1.3 (1.21–1.37)
Paraná	2004	1.29 (1.19–1.39)
Paraná	2005	1.29 (1.17–1.4)
Paraná	2006	1.28 (1.16–1.41)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Paraná	2007	1.28 (1.15–1.4)
Paraná	2008	1.27 (1.15–1.39)
Paraná	2009	1.25 (1.13–1.38)
Paraná	2010	1.24 (1.12–1.37)
Paraná	2011	1.23 (1.1–1.36)
Paraná	2012	1.21 (1.09–1.34)
Paraná	2013	1.19 (1.07–1.32)
Paraná	2014	1.18 (1.07–1.3)
Paraná	2015	1.16 (1.06–1.28)
Paraná	2016	1.15 (1.04–1.26)
Paraná	2017	1.16 (1.05–1.28)
Pernambuco	1950	1.21 (1.13–1.27)
Pernambuco	1951	1.21 (1.13–1.28)
Pernambuco	1952	1.21 (1.13–1.29)
Pernambuco	1953	1.21 (1.12–1.31)
Pernambuco	1954	1.22 (1.12–1.31)
Pernambuco	1955	1.21 (1.12–1.31)
Pernambuco	1956	1.2 (1.11–1.3)
Pernambuco	1957	1.2 (1.12–1.3)
Pernambuco	1958	1.21 (1.13–1.29)
Pernambuco	1959	1.21 (1.15–1.28)
Pernambuco	1960	1.22 (1.17–1.26)
Pernambuco	1961	1.23 (1.18–1.26)
Pernambuco	1962	1.23 (1.17–1.29)
Pernambuco	1963	1.24 (1.16–1.31)
Pernambuco	1964	1.25 (1.16–1.34)
Pernambuco	1965	1.26 (1.16–1.35)
Pernambuco	1966	1.27 (1.18–1.36)
Pernambuco	1967	1.27 (1.19–1.36)
Pernambuco	1968	1.28 (1.2–1.36)
Pernambuco	1969	1.28 (1.21–1.36)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Pernambuco	1970	1.28 (1.21–1.36)
Pernambuco	1971	1.28 (1.2–1.37)
Pernambuco	1972	1.28 (1.2–1.37)
Pernambuco	1973	1.28 (1.19–1.38)
Pernambuco	1974	1.27 (1.18–1.37)
Pernambuco	1975	1.26 (1.16–1.37)
Pernambuco	1976	1.25 (1.15–1.36)
Pernambuco	1977	1.24 (1.15–1.34)
Pernambuco	1978	1.23 (1.14–1.32)
Pernambuco	1979	1.23 (1.14–1.32)
Pernambuco	1980	1.27 (1.18–1.36)
Pernambuco	1981	1.25 (1.16–1.33)
Pernambuco	1982	1.25 (1.17–1.34)
Pernambuco	1983	1.27 (1.18–1.35)
Pernambuco	1984	1.26 (1.18–1.33)
Pernambuco	1985	1.29 (1.22–1.36)
Pernambuco	1986	1.27 (1.21–1.34)
Pernambuco	1987	1.27 (1.2–1.34)
Pernambuco	1988	1.25 (1.18–1.33)
Pernambuco	1989	1.26 (1.18–1.34)
Pernambuco	1990	1.27 (1.18–1.35)
Pernambuco	1991	1.28 (1.19–1.38)
Pernambuco	1992	1.27 (1.18–1.37)
Pernambuco	1993	1.25 (1.16–1.34)
Pernambuco	1994	1.23 (1.15–1.33)
Pernambuco	1995	1.24 (1.14–1.34)
Pernambuco	1996	1.25 (1.15–1.36)
Pernambuco	1997	1.25 (1.15–1.36)
Pernambuco	1998	1.26 (1.16–1.35)
Pernambuco	1999	1.26 (1.17–1.35)
Pernambuco	2000	1.26 (1.18–1.34)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Pernambuco	2001	1.29 (1.22–1.36)
Pernambuco	2002	1.3 (1.23–1.36)
Pernambuco	2003	1.29 (1.21–1.37)
Pernambuco	2004	1.29 (1.19–1.39)
Pernambuco	2005	1.29 (1.17–1.4)
Pernambuco	2006	1.28 (1.16–1.4)
Pernambuco	2007	1.28 (1.15–1.4)
Pernambuco	2008	1.27 (1.15–1.39)
Pernambuco	2009	1.25 (1.13–1.37)
Pernambuco	2010	1.24 (1.12–1.36)
Pernambuco	2011	1.22 (1.1–1.35)
Pernambuco	2012	1.21 (1.08–1.34)
Pernambuco	2013	1.19 (1.07–1.32)
Pernambuco	2014	1.18 (1.07–1.3)
Pernambuco	2015	1.16 (1.06–1.28)
Pernambuco	2016	1.15 (1.04–1.26)
Pernambuco	2017	1.16 (1.05–1.28)
Piaui	1950	1.23 (1.14–1.31)
Piaui	1951	1.23 (1.14–1.32)
Piaui	1952	1.23 (1.14–1.33)
Piaui	1953	1.23 (1.13–1.34)
Piaui	1954	1.23 (1.13–1.35)
Piaui	1955	1.23 (1.13–1.34)
Piaui	1956	1.22 (1.12–1.33)
Piaui	1957	1.22 (1.12–1.32)
Piaui	1958	1.22 (1.14–1.31)
Piaui	1959	1.23 (1.16–1.3)
Piaui	1960	1.23 (1.18–1.28)
Piaui	1961	1.24 (1.19–1.28)
Piaui	1962	1.24 (1.18–1.3)
Piaui	1963	1.25 (1.17–1.33)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Piaui	1964	1.26 (1.17–1.36)
Piaui	1965	1.27 (1.17–1.37)
Piaui	1966	1.28 (1.19–1.37)
Piaui	1967	1.28 (1.19–1.37)
Piaui	1968	1.29 (1.21–1.37)
Piaui	1969	1.29 (1.21–1.38)
Piaui	1970	1.3 (1.22–1.38)
Piaui	1971	1.3 (1.21–1.39)
Piaui	1972	1.29 (1.21–1.39)
Piaui	1973	1.29 (1.19–1.39)
Piaui	1974	1.28 (1.19–1.39)
Piaui	1975	1.27 (1.17–1.38)
Piaui	1976	1.26 (1.16–1.37)
Piaui	1977	1.25 (1.15–1.35)
Piaui	1978	1.23 (1.14–1.33)
Piaui	1979	1.24 (1.15–1.33)
Piaui	1980	1.28 (1.18–1.37)
Piaui	1981	1.25 (1.16–1.34)
Piaui	1982	1.25 (1.17–1.34)
Piaui	1983	1.27 (1.19–1.36)
Piaui	1984	1.26 (1.18–1.34)
Piaui	1985	1.29 (1.22–1.37)
Piaui	1986	1.28 (1.21–1.35)
Piaui	1987	1.28 (1.21–1.35)
Piaui	1988	1.26 (1.19–1.33)
Piaui	1989	1.27 (1.19–1.35)
Piaui	1990	1.27 (1.18–1.36)
Piaui	1991	1.29 (1.2–1.39)
Piaui	1992	1.27 (1.18–1.38)
Piaui	1993	1.25 (1.16–1.35)
Piaui	1994	1.23 (1.15–1.33)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Piaui	1995	1.24 (1.15–1.34)
Piaui	1996	1.25 (1.15–1.36)
Piaui	1997	1.25 (1.15–1.36)
Piaui	1998	1.26 (1.16–1.36)
Piaui	1999	1.26 (1.17–1.35)
Piaui	2000	1.26 (1.18–1.34)
Piaui	2001	1.29 (1.22–1.36)
Piaui	2002	1.3 (1.23–1.36)
Piaui	2003	1.29 (1.21–1.37)
Piaui	2004	1.29 (1.19–1.39)
Piaui	2005	1.29 (1.17–1.4)
Piaui	2006	1.28 (1.16–1.4)
Piaui	2007	1.28 (1.15–1.4)
Piaui	2008	1.27 (1.15–1.39)
Piaui	2009	1.25 (1.13–1.37)
Piaui	2010	1.24 (1.12–1.37)
Piaui	2011	1.22 (1.1–1.35)
Piaui	2012	1.21 (1.08–1.34)
Piaui	2013	1.19 (1.07–1.32)
Piaui	2014	1.18 (1.07–1.3)
Piaui	2015	1.16 (1.06–1.28)
Piaui	2016	1.15 (1.04–1.26)
Piaui	2017	1.16 (1.05–1.28)
Rio de Janeiro	1950	1.24 (1.15–1.33)
Rio de Janeiro	1951	1.24 (1.14–1.34)
Rio de Janeiro	1952	1.25 (1.15–1.34)
Rio de Janeiro	1953	1.25 (1.14–1.36)
Rio de Janeiro	1954	1.25 (1.14–1.37)
Rio de Janeiro	1955	1.25 (1.13–1.36)
Rio de Janeiro	1956	1.23 (1.12–1.35)
Rio de Janeiro	1957	1.23 (1.13–1.34)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rio de Janeiro	1958	1.23 (1.15–1.33)
Rio de Janeiro	1959	1.24 (1.16–1.31)
Rio de Janeiro	1960	1.25 (1.19–1.3)
Rio de Janeiro	1961	1.25 (1.2–1.3)
Rio de Janeiro	1962	1.26 (1.18–1.33)
Rio de Janeiro	1963	1.27 (1.18–1.35)
Rio de Janeiro	1964	1.28 (1.17–1.38)
Rio de Janeiro	1965	1.29 (1.18–1.39)
Rio de Janeiro	1966	1.3 (1.19–1.4)
Rio de Janeiro	1967	1.3 (1.2–1.4)
Rio de Janeiro	1968	1.31 (1.21–1.4)
Rio de Janeiro	1969	1.31 (1.22–1.4)
Rio de Janeiro	1970	1.31 (1.23–1.4)
Rio de Janeiro	1971	1.31 (1.22–1.41)
Rio de Janeiro	1972	1.31 (1.22–1.41)
Rio de Janeiro	1973	1.3 (1.2–1.41)
Rio de Janeiro	1974	1.29 (1.19–1.4)
Rio de Janeiro	1975	1.28 (1.18–1.39)
Rio de Janeiro	1976	1.27 (1.16–1.38)
Rio de Janeiro	1977	1.25 (1.16–1.36)
Rio de Janeiro	1978	1.24 (1.15–1.34)
Rio de Janeiro	1979	1.25 (1.15–1.34)
Rio de Janeiro	1980	1.28 (1.19–1.38)
Rio de Janeiro	1981	1.26 (1.17–1.35)
Rio de Janeiro	1982	1.26 (1.17–1.35)
Rio de Janeiro	1983	1.28 (1.19–1.37)
Rio de Janeiro	1984	1.27 (1.18–1.35)
Rio de Janeiro	1985	1.3 (1.23–1.38)
Rio de Janeiro	1986	1.29 (1.22–1.35)
Rio de Janeiro	1987	1.28 (1.21–1.36)
Rio de Janeiro	1988	1.26 (1.19–1.34)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rio de Janeiro	1989	1.27 (1.19–1.35)
Rio de Janeiro	1990	1.27 (1.19–1.36)
Rio de Janeiro	1991	1.29 (1.2–1.39)
Rio de Janeiro	1992	1.28 (1.18–1.38)
Rio de Janeiro	1993	1.25 (1.16–1.35)
Rio de Janeiro	1994	1.24 (1.15–1.34)
Rio de Janeiro	1995	1.24 (1.15–1.35)
Rio de Janeiro	1996	1.25 (1.15–1.37)
Rio de Janeiro	1997	1.26 (1.16–1.37)
Rio de Janeiro	1998	1.26 (1.16–1.36)
Rio de Janeiro	1999	1.27 (1.17–1.36)
Rio de Janeiro	2000	1.26 (1.18–1.34)
Rio de Janeiro	2001	1.3 (1.22–1.37)
Rio de Janeiro	2002	1.31 (1.23–1.37)
Rio de Janeiro	2003	1.3 (1.21–1.37)
Rio de Janeiro	2004	1.29 (1.19–1.39)
Rio de Janeiro	2005	1.29 (1.17–1.4)
Rio de Janeiro	2006	1.28 (1.17–1.41)
Rio de Janeiro	2007	1.28 (1.16–1.4)
Rio de Janeiro	2008	1.27 (1.15–1.39)
Rio de Janeiro	2009	1.25 (1.13–1.38)
Rio de Janeiro	2010	1.24 (1.12–1.37)
Rio de Janeiro	2011	1.23 (1.1–1.36)
Rio de Janeiro	2012	1.21 (1.09–1.34)
Rio de Janeiro	2013	1.19 (1.07–1.32)
Rio de Janeiro	2014	1.18 (1.07–1.3)
Rio de Janeiro	2015	1.16 (1.06–1.28)
Rio de Janeiro	2016	1.15 (1.04–1.26)
Rio de Janeiro	2017	1.16 (1.05–1.28)
Rio Grande do Norte	1950	1.21 (1.13–1.28)
Rio Grande do Norte	1951	1.21 (1.13–1.29)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rio Grande do Norte	1952	1.22 (1.13–1.3)
Rio Grande do Norte	1953	1.22 (1.13–1.31)
Rio Grande do Norte	1954	1.22 (1.12–1.32)
Rio Grande do Norte	1955	1.22 (1.12–1.32)
Rio Grande do Norte	1956	1.21 (1.11–1.31)
Rio Grande do Norte	1957	1.21 (1.12–1.3)
Rio Grande do Norte	1958	1.21 (1.13–1.29)
Rio Grande do Norte	1959	1.21 (1.15–1.28)
Rio Grande do Norte	1960	1.22 (1.17–1.27)
Rio Grande do Norte	1961	1.23 (1.18–1.27)
Rio Grande do Norte	1962	1.24 (1.17–1.29)
Rio Grande do Norte	1963	1.24 (1.16–1.32)
Rio Grande do Norte	1964	1.25 (1.16–1.35)
Rio Grande do Norte	1965	1.26 (1.17–1.35)
Rio Grande do Norte	1966	1.27 (1.18–1.36)
Rio Grande do Norte	1967	1.28 (1.19–1.36)
Rio Grande do Norte	1968	1.28 (1.2–1.36)
Rio Grande do Norte	1969	1.29 (1.21–1.37)
Rio Grande do Norte	1970	1.29 (1.21–1.37)
Rio Grande do Norte	1971	1.29 (1.2–1.38)
Rio Grande do Norte	1972	1.29 (1.2–1.38)
Rio Grande do Norte	1973	1.28 (1.19–1.38)
Rio Grande do Norte	1974	1.27 (1.18–1.38)
Rio Grande do Norte	1975	1.27 (1.17–1.37)
Rio Grande do Norte	1976	1.25 (1.15–1.36)
Rio Grande do Norte	1977	1.24 (1.15–1.34)
Rio Grande do Norte	1978	1.23 (1.14–1.32)
Rio Grande do Norte	1979	1.24 (1.14–1.33)
Rio Grande do Norte	1980	1.27 (1.18–1.37)
Rio Grande do Norte	1981	1.25 (1.16–1.34)
Rio Grande do Norte	1982	1.25 (1.17–1.34)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rio Grande do Norte	1983	1.27 (1.19–1.36)
Rio Grande do Norte	1984	1.26 (1.18–1.34)
Rio Grande do Norte	1985	1.29 (1.22–1.37)
Rio Grande do Norte	1986	1.28 (1.21–1.34)
Rio Grande do Norte	1987	1.28 (1.2–1.34)
Rio Grande do Norte	1988	1.26 (1.18–1.33)
Rio Grande do Norte	1989	1.26 (1.19–1.34)
Rio Grande do Norte	1990	1.27 (1.18–1.36)
Rio Grande do Norte	1991	1.29 (1.2–1.38)
Rio Grande do Norte	1992	1.27 (1.18–1.38)
Rio Grande do Norte	1993	1.25 (1.16–1.35)
Rio Grande do Norte	1994	1.23 (1.15–1.33)
Rio Grande do Norte	1995	1.24 (1.14–1.35)
Rio Grande do Norte	1996	1.25 (1.15–1.36)
Rio Grande do Norte	1997	1.25 (1.15–1.36)
Rio Grande do Norte	1998	1.26 (1.16–1.36)
Rio Grande do Norte	1999	1.26 (1.17–1.35)
Rio Grande do Norte	2000	1.26 (1.18–1.34)
Rio Grande do Norte	2001	1.29 (1.22–1.36)
Rio Grande do Norte	2002	1.3 (1.23–1.36)
Rio Grande do Norte	2003	1.3 (1.21–1.37)
Rio Grande do Norte	2004	1.29 (1.19–1.39)
Rio Grande do Norte	2005	1.29 (1.17–1.4)
Rio Grande do Norte	2006	1.28 (1.16–1.41)
Rio Grande do Norte	2007	1.28 (1.15–1.4)
Rio Grande do Norte	2008	1.27 (1.15–1.39)
Rio Grande do Norte	2009	1.25 (1.13–1.37)
Rio Grande do Norte	2010	1.24 (1.12–1.37)
Rio Grande do Norte	2011	1.22 (1.1–1.36)
Rio Grande do Norte	2012	1.21 (1.09–1.34)
Rio Grande do Norte	2013	1.19 (1.07–1.32)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rio Grande do Norte	2014	1.18 (1.07–1.3)
Rio Grande do Norte	2015	1.16 (1.06–1.28)
Rio Grande do Norte	2016	1.15 (1.04–1.26)
Rio Grande do Norte	2017	1.16 (1.05–1.28)
Rio Grande do Sul	1950	1.25 (1.15–1.34)
Rio Grande do Sul	1951	1.25 (1.15–1.34)
Rio Grande do Sul	1952	1.25 (1.15–1.35)
Rio Grande do Sul	1953	1.25 (1.14–1.36)
Rio Grande do Sul	1954	1.25 (1.14–1.38)
Rio Grande do Sul	1955	1.25 (1.14–1.37)
Rio Grande do Sul	1956	1.24 (1.12–1.35)
Rio Grande do Sul	1957	1.24 (1.13–1.35)
Rio Grande do Sul	1958	1.24 (1.15–1.33)
Rio Grande do Sul	1959	1.24 (1.17–1.32)
Rio Grande do Sul	1960	1.25 (1.19–1.3)
Rio Grande do Sul	1961	1.26 (1.2–1.31)
Rio Grande do Sul	1962	1.26 (1.19–1.33)
Rio Grande do Sul	1963	1.27 (1.18–1.36)
Rio Grande do Sul	1964	1.28 (1.18–1.39)
Rio Grande do Sul	1965	1.29 (1.18–1.39)
Rio Grande do Sul	1966	1.3 (1.2–1.4)
Rio Grande do Sul	1967	1.3 (1.2–1.4)
Rio Grande do Sul	1968	1.31 (1.22–1.4)
Rio Grande do Sul	1969	1.31 (1.23–1.41)
Rio Grande do Sul	1970	1.32 (1.23–1.41)
Rio Grande do Sul	1971	1.32 (1.22–1.42)
Rio Grande do Sul	1972	1.31 (1.22–1.41)
Rio Grande do Sul	1973	1.31 (1.21–1.42)
Rio Grande do Sul	1974	1.3 (1.2–1.41)
Rio Grande do Sul	1975	1.29 (1.18–1.4)
Rio Grande do Sul	1976	1.27 (1.16–1.39)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rio Grande do Sul	1977	1.26 (1.16–1.37)
Rio Grande do Sul	1978	1.24 (1.15–1.35)
Rio Grande do Sul	1979	1.25 (1.15–1.35)
Rio Grande do Sul	1980	1.29 (1.19–1.39)
Rio Grande do Sul	1981	1.26 (1.17–1.36)
Rio Grande do Sul	1982	1.26 (1.18–1.36)
Rio Grande do Sul	1983	1.28 (1.2–1.37)
Rio Grande do Sul	1984	1.27 (1.19–1.35)
Rio Grande do Sul	1985	1.3 (1.23–1.38)
Rio Grande do Sul	1986	1.29 (1.22–1.36)
Rio Grande do Sul	1987	1.29 (1.21–1.36)
Rio Grande do Sul	1988	1.27 (1.19–1.34)
Rio Grande do Sul	1989	1.27 (1.19–1.36)
Rio Grande do Sul	1990	1.28 (1.19–1.37)
Rio Grande do Sul	1991	1.3 (1.2–1.4)
Rio Grande do Sul	1992	1.28 (1.18–1.39)
Rio Grande do Sul	1993	1.26 (1.16–1.36)
Rio Grande do Sul	1994	1.24 (1.15–1.34)
Rio Grande do Sul	1995	1.24 (1.15–1.35)
Rio Grande do Sul	1996	1.25 (1.15–1.37)
Rio Grande do Sul	1997	1.26 (1.16–1.37)
Rio Grande do Sul	1998	1.26 (1.16–1.36)
Rio Grande do Sul	1999	1.27 (1.18–1.36)
Rio Grande do Sul	2000	1.26 (1.18–1.34)
Rio Grande do Sul	2001	1.3 (1.22–1.37)
Rio Grande do Sul	2002	1.31 (1.23–1.37)
Rio Grande do Sul	2003	1.3 (1.21–1.37)
Rio Grande do Sul	2004	1.29 (1.19–1.39)
Rio Grande do Sul	2005	1.29 (1.17–1.4)
Rio Grande do Sul	2006	1.28 (1.17–1.41)
Rio Grande do Sul	2007	1.28 (1.16–1.4)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rio Grande do Sul	2008	1.27 (1.15–1.39)
Rio Grande do Sul	2009	1.25 (1.13–1.38)
Rio Grande do Sul	2010	1.24 (1.12–1.37)
Rio Grande do Sul	2011	1.23 (1.1–1.36)
Rio Grande do Sul	2012	1.21 (1.09–1.34)
Rio Grande do Sul	2013	1.19 (1.07–1.32)
Rio Grande do Sul	2014	1.18 (1.07–1.3)
Rio Grande do Sul	2015	1.16 (1.06–1.28)
Rio Grande do Sul	2016	1.15 (1.04–1.26)
Rio Grande do Sul	2017	1.16 (1.05–1.28)
Rondônia	1950	1.23 (1.13–1.31)
Rondônia	1951	1.23 (1.13–1.32)
Rondônia	1952	1.23 (1.14–1.32)
Rondônia	1953	1.23 (1.13–1.33)
Rondônia	1954	1.23 (1.13–1.34)
Rondônia	1955	1.23 (1.12–1.33)
Rondônia	1956	1.22 (1.11–1.32)
Rondônia	1957	1.22 (1.12–1.32)
Rondônia	1958	1.22 (1.14–1.3)
Rondônia	1959	1.22 (1.16–1.29)
Rondônia	1960	1.23 (1.18–1.28)
Rondônia	1961	1.24 (1.19–1.29)
Rondônia	1962	1.24 (1.17–1.31)
Rondônia	1963	1.25 (1.17–1.33)
Rondônia	1964	1.26 (1.16–1.36)
Rondônia	1965	1.27 (1.17–1.37)
Rondônia	1966	1.28 (1.19–1.37)
Rondônia	1967	1.28 (1.19–1.37)
Rondônia	1968	1.29 (1.21–1.37)
Rondônia	1969	1.3 (1.21–1.38)
Rondônia	1970	1.3 (1.22–1.39)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rondônia	1971	1.3 (1.21–1.39)
Rondônia	1972	1.3 (1.21–1.39)
Rondônia	1973	1.29 (1.2–1.4)
Rondônia	1974	1.28 (1.19–1.39)
Rondônia	1975	1.27 (1.17–1.38)
Rondônia	1976	1.26 (1.16–1.37)
Rondônia	1977	1.25 (1.15–1.35)
Rondônia	1978	1.24 (1.14–1.33)
Rondônia	1979	1.24 (1.15–1.34)
Rondônia	1980	1.28 (1.18–1.38)
Rondônia	1981	1.26 (1.17–1.35)
Rondônia	1982	1.26 (1.17–1.35)
Rondônia	1983	1.28 (1.19–1.37)
Rondônia	1984	1.27 (1.18–1.35)
Rondônia	1985	1.3 (1.22–1.37)
Rondônia	1986	1.28 (1.21–1.35)
Rondônia	1987	1.28 (1.21–1.35)
Rondônia	1988	1.26 (1.19–1.33)
Rondônia	1989	1.27 (1.19–1.35)
Rondônia	1990	1.27 (1.18–1.36)
Rondônia	1991	1.29 (1.2–1.39)
Rondônia	1992	1.28 (1.18–1.38)
Rondônia	1993	1.26 (1.16–1.36)
Rondônia	1994	1.24 (1.15–1.34)
Rondônia	1995	1.24 (1.15–1.35)
Rondônia	1996	1.25 (1.15–1.37)
Rondônia	1997	1.26 (1.16–1.37)
Rondônia	1998	1.26 (1.16–1.36)
Rondônia	1999	1.27 (1.17–1.36)
Rondônia	2000	1.26 (1.18–1.34)
Rondônia	2001	1.29 (1.22–1.37)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rondônia	2002	1.3 (1.23–1.37)
Rondônia	2003	1.3 (1.21–1.37)
Rondônia	2004	1.29 (1.19–1.39)
Rondônia	2005	1.29 (1.17–1.4)
Rondônia	2006	1.28 (1.17–1.41)
Rondônia	2007	1.28 (1.15–1.4)
Rondônia	2008	1.27 (1.15–1.39)
Rondônia	2009	1.25 (1.13–1.37)
Rondônia	2010	1.24 (1.12–1.37)
Rondônia	2011	1.23 (1.1–1.36)
Rondônia	2012	1.21 (1.09–1.34)
Rondônia	2013	1.19 (1.07–1.32)
Rondônia	2014	1.18 (1.07–1.3)
Rondônia	2015	1.16 (1.06–1.28)
Rondônia	2016	1.15 (1.04–1.26)
Rondônia	2017	1.16 (1.05–1.28)
Roraima	1950	1.22 (1.13–1.3)
Roraima	1951	1.22 (1.13–1.31)
Roraima	1952	1.22 (1.13–1.31)
Roraima	1953	1.23 (1.13–1.33)
Roraima	1954	1.23 (1.13–1.33)
Roraima	1955	1.22 (1.12–1.33)
Roraima	1956	1.21 (1.11–1.31)
Roraima	1957	1.21 (1.12–1.31)
Roraima	1958	1.22 (1.13–1.3)
Roraima	1959	1.22 (1.15–1.29)
Roraima	1960	1.23 (1.17–1.28)
Roraima	1961	1.24 (1.18–1.28)
Roraima	1962	1.24 (1.17–1.3)
Roraima	1963	1.25 (1.16–1.33)
Roraima	1964	1.26 (1.16–1.36)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Roraima	1965	1.27 (1.17–1.36)
Roraima	1966	1.28 (1.19–1.37)
Roraima	1967	1.28 (1.19–1.37)
Roraima	1968	1.29 (1.21–1.38)
Roraima	1969	1.29 (1.21–1.38)
Roraima	1970	1.3 (1.22–1.38)
Roraima	1971	1.3 (1.21–1.39)
Roraima	1972	1.3 (1.21–1.39)
Roraima	1973	1.29 (1.2–1.4)
Roraima	1974	1.28 (1.19–1.39)
Roraima	1975	1.27 (1.17–1.39)
Roraima	1976	1.26 (1.16–1.37)
Roraima	1977	1.25 (1.15–1.35)
Roraima	1978	1.24 (1.14–1.34)
Roraima	1979	1.24 (1.15–1.34)
Roraima	1980	1.28 (1.18–1.38)
Roraima	1981	1.26 (1.16–1.35)
Roraima	1982	1.26 (1.17–1.35)
Roraima	1983	1.28 (1.19–1.36)
Roraima	1984	1.27 (1.18–1.35)
Roraima	1985	1.29 (1.22–1.37)
Roraima	1986	1.28 (1.21–1.35)
Roraima	1987	1.28 (1.21–1.35)
Roraima	1988	1.26 (1.19–1.34)
Roraima	1989	1.27 (1.19–1.35)
Roraima	1990	1.27 (1.19–1.36)
Roraima	1991	1.29 (1.2–1.39)
Roraima	1992	1.28 (1.18–1.38)
Roraima	1993	1.25 (1.16–1.35)
Roraima	1994	1.24 (1.15–1.34)
Roraima	1995	1.24 (1.15–1.35)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Roraima	1996	1.25 (1.15–1.36)
Roraima	1997	1.26 (1.16–1.36)
Roraima	1998	1.26 (1.16–1.36)
Roraima	1999	1.27 (1.17–1.36)
Roraima	2000	1.26 (1.18–1.34)
Roraima	2001	1.3 (1.22–1.37)
Roraima	2002	1.3 (1.23–1.37)
Roraima	2003	1.3 (1.21–1.37)
Roraima	2004	1.29 (1.19–1.39)
Roraima	2005	1.29 (1.17–1.4)
Roraima	2006	1.28 (1.16–1.41)
Roraima	2007	1.28 (1.15–1.4)
Roraima	2008	1.27 (1.15–1.39)
Roraima	2009	1.25 (1.13–1.37)
Roraima	2010	1.24 (1.12–1.37)
Roraima	2011	1.22 (1.1–1.36)
Roraima	2012	1.21 (1.08–1.34)
Roraima	2013	1.19 (1.07–1.32)
Roraima	2014	1.18 (1.07–1.3)
Roraima	2015	1.16 (1.06–1.28)
Roraima	2016	1.15 (1.04–1.26)
Roraima	2017	1.16 (1.05–1.28)
Santa Catarina	1950	1.25 (1.15–1.34)
Santa Catarina	1951	1.25 (1.15–1.35)
Santa Catarina	1952	1.25 (1.15–1.35)
Santa Catarina	1953	1.25 (1.14–1.37)
Santa Catarina	1954	1.25 (1.14–1.38)
Santa Catarina	1955	1.25 (1.14–1.37)
Santa Catarina	1956	1.24 (1.12–1.35)
Santa Catarina	1957	1.24 (1.13–1.35)
Santa Catarina	1958	1.24 (1.15–1.33)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Santa Catarina	1959	1.24 (1.17–1.32)
Santa Catarina	1960	1.25 (1.19–1.3)
Santa Catarina	1961	1.26 (1.21–1.3)
Santa Catarina	1962	1.26 (1.19–1.33)
Santa Catarina	1963	1.27 (1.18–1.36)
Santa Catarina	1964	1.28 (1.18–1.39)
Santa Catarina	1965	1.29 (1.18–1.39)
Santa Catarina	1966	1.3 (1.2–1.4)
Santa Catarina	1967	1.3 (1.2–1.4)
Santa Catarina	1968	1.31 (1.22–1.4)
Santa Catarina	1969	1.31 (1.23–1.41)
Santa Catarina	1970	1.32 (1.23–1.41)
Santa Catarina	1971	1.31 (1.22–1.42)
Santa Catarina	1972	1.31 (1.22–1.41)
Santa Catarina	1973	1.31 (1.21–1.41)
Santa Catarina	1974	1.3 (1.19–1.41)
Santa Catarina	1975	1.28 (1.18–1.4)
Santa Catarina	1976	1.27 (1.16–1.38)
Santa Catarina	1977	1.26 (1.16–1.36)
Santa Catarina	1978	1.24 (1.15–1.34)
Santa Catarina	1979	1.25 (1.15–1.35)
Santa Catarina	1980	1.29 (1.19–1.39)
Santa Catarina	1981	1.26 (1.17–1.35)
Santa Catarina	1982	1.26 (1.18–1.36)
Santa Catarina	1983	1.28 (1.19–1.37)
Santa Catarina	1984	1.27 (1.19–1.35)
Santa Catarina	1985	1.3 (1.23–1.38)
Santa Catarina	1986	1.29 (1.22–1.36)
Santa Catarina	1987	1.28 (1.21–1.36)
Santa Catarina	1988	1.26 (1.19–1.34)
Santa Catarina	1989	1.27 (1.19–1.35)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Santa Catarina	1990	1.28 (1.19–1.36)
Santa Catarina	1991	1.29 (1.2–1.39)
Santa Catarina	1992	1.28 (1.18–1.38)
Santa Catarina	1993	1.26 (1.16–1.35)
Santa Catarina	1994	1.24 (1.15–1.34)
Santa Catarina	1995	1.24 (1.15–1.35)
Santa Catarina	1996	1.25 (1.15–1.37)
Santa Catarina	1997	1.26 (1.16–1.37)
Santa Catarina	1998	1.26 (1.16–1.36)
Santa Catarina	1999	1.27 (1.17–1.36)
Santa Catarina	2000	1.26 (1.18–1.34)
Santa Catarina	2001	1.3 (1.22–1.37)
Santa Catarina	2002	1.3 (1.23–1.37)
Santa Catarina	2003	1.3 (1.21–1.37)
Santa Catarina	2004	1.29 (1.19–1.39)
Santa Catarina	2005	1.29 (1.17–1.4)
Santa Catarina	2006	1.28 (1.16–1.41)
Santa Catarina	2007	1.28 (1.15–1.4)
Santa Catarina	2008	1.27 (1.15–1.39)
Santa Catarina	2009	1.25 (1.13–1.37)
Santa Catarina	2010	1.24 (1.12–1.37)
Santa Catarina	2011	1.23 (1.1–1.36)
Santa Catarina	2012	1.21 (1.09–1.34)
Santa Catarina	2013	1.19 (1.07–1.32)
Santa Catarina	2014	1.18 (1.07–1.3)
Santa Catarina	2015	1.16 (1.06–1.28)
Santa Catarina	2016	1.15 (1.04–1.26)
Santa Catarina	2017	1.16 (1.05–1.28)
São Paulo	1950	1.25 (1.15–1.33)
São Paulo	1951	1.25 (1.14–1.34)
São Paulo	1952	1.25 (1.15–1.35)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
São Paulo	1953	1.25 (1.14–1.36)
São Paulo	1954	1.25 (1.14–1.37)
São Paulo	1955	1.25 (1.13–1.37)
São Paulo	1956	1.24 (1.12–1.35)
São Paulo	1957	1.23 (1.13–1.35)
São Paulo	1958	1.24 (1.15–1.33)
São Paulo	1959	1.24 (1.16–1.32)
São Paulo	1960	1.25 (1.19–1.3)
São Paulo	1961	1.26 (1.2–1.3)
São Paulo	1962	1.26 (1.19–1.33)
São Paulo	1963	1.27 (1.18–1.36)
São Paulo	1964	1.28 (1.18–1.39)
São Paulo	1965	1.29 (1.18–1.39)
São Paulo	1966	1.3 (1.2–1.4)
São Paulo	1967	1.3 (1.2–1.4)
São Paulo	1968	1.31 (1.22–1.4)
São Paulo	1969	1.31 (1.22–1.4)
São Paulo	1970	1.31 (1.23–1.41)
São Paulo	1971	1.31 (1.22–1.41)
São Paulo	1972	1.31 (1.22–1.41)
São Paulo	1973	1.3 (1.2–1.41)
São Paulo	1974	1.29 (1.19–1.4)
São Paulo	1975	1.28 (1.18–1.39)
São Paulo	1976	1.27 (1.16–1.38)
São Paulo	1977	1.25 (1.16–1.36)
São Paulo	1978	1.24 (1.15–1.34)
São Paulo	1979	1.25 (1.15–1.34)
São Paulo	1980	1.29 (1.19–1.38)
São Paulo	1981	1.26 (1.17–1.35)
São Paulo	1982	1.26 (1.17–1.35)
São Paulo	1983	1.28 (1.19–1.37)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
São Paulo	1984	1.27 (1.19–1.35)
São Paulo	1985	1.3 (1.23–1.38)
São Paulo	1986	1.29 (1.22–1.36)
São Paulo	1987	1.28 (1.21–1.36)
São Paulo	1988	1.26 (1.19–1.34)
São Paulo	1989	1.27 (1.19–1.35)
São Paulo	1990	1.27 (1.19–1.36)
São Paulo	1991	1.29 (1.2–1.39)
São Paulo	1992	1.28 (1.18–1.39)
São Paulo	1993	1.26 (1.16–1.36)
São Paulo	1994	1.24 (1.15–1.34)
São Paulo	1995	1.24 (1.15–1.35)
São Paulo	1996	1.25 (1.15–1.37)
São Paulo	1997	1.26 (1.16–1.37)
São Paulo	1998	1.26 (1.16–1.36)
São Paulo	1999	1.27 (1.17–1.36)
São Paulo	2000	1.26 (1.18–1.34)
São Paulo	2001	1.3 (1.22–1.37)
São Paulo	2002	1.31 (1.23–1.37)
São Paulo	2003	1.3 (1.21–1.37)
São Paulo	2004	1.29 (1.19–1.39)
São Paulo	2005	1.29 (1.17–1.4)
São Paulo	2006	1.28 (1.17–1.41)
São Paulo	2007	1.28 (1.16–1.4)
São Paulo	2008	1.27 (1.15–1.39)
São Paulo	2009	1.25 (1.13–1.38)
São Paulo	2010	1.24 (1.12–1.37)
São Paulo	2011	1.23 (1.1–1.36)
São Paulo	2012	1.21 (1.09–1.34)
São Paulo	2013	1.19 (1.07–1.32)
São Paulo	2014	1.18 (1.07–1.3)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
São Paulo	2015	1.16 (1.06–1.28)
São Paulo	2016	1.15 (1.04–1.26)
São Paulo	2017	1.16 (1.05–1.28)
Sergipe	1950	1.23 (1.14–1.3)
Sergipe	1951	1.23 (1.14–1.31)
Sergipe	1952	1.23 (1.14–1.32)
Sergipe	1953	1.23 (1.14–1.33)
Sergipe	1954	1.23 (1.13–1.34)
Sergipe	1955	1.23 (1.13–1.33)
Sergipe	1956	1.22 (1.12–1.32)
Sergipe	1957	1.22 (1.12–1.32)
Sergipe	1958	1.22 (1.14–1.31)
Sergipe	1959	1.23 (1.16–1.29)
Sergipe	1960	1.23 (1.18–1.28)
Sergipe	1961	1.24 (1.19–1.28)
Sergipe	1962	1.25 (1.18–1.31)
Sergipe	1963	1.26 (1.17–1.34)
Sergipe	1964	1.26 (1.17–1.37)
Sergipe	1965	1.27 (1.17–1.37)
Sergipe	1966	1.28 (1.19–1.38)
Sergipe	1967	1.29 (1.19–1.38)
Sergipe	1968	1.29 (1.21–1.38)
Sergipe	1969	1.3 (1.21–1.39)
Sergipe	1970	1.3 (1.22–1.39)
Sergipe	1971	1.3 (1.21–1.39)
Sergipe	1972	1.3 (1.21–1.39)
Sergipe	1973	1.29 (1.2–1.39)
Sergipe	1974	1.28 (1.19–1.39)
Sergipe	1975	1.27 (1.17–1.38)
Sergipe	1976	1.26 (1.16–1.36)
Sergipe	1977	1.25 (1.15–1.35)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sergipe	1978	1.23 (1.14–1.33)
Sergipe	1979	1.24 (1.15–1.33)
Sergipe	1980	1.27 (1.18–1.37)
Sergipe	1981	1.25 (1.16–1.34)
Sergipe	1982	1.25 (1.17–1.34)
Sergipe	1983	1.27 (1.19–1.36)
Sergipe	1984	1.26 (1.18–1.34)
Sergipe	1985	1.29 (1.22–1.37)
Sergipe	1986	1.28 (1.21–1.34)
Sergipe	1987	1.28 (1.2–1.35)
Sergipe	1988	1.26 (1.18–1.33)
Sergipe	1989	1.26 (1.19–1.34)
Sergipe	1990	1.27 (1.18–1.36)
Sergipe	1991	1.29 (1.2–1.38)
Sergipe	1992	1.27 (1.18–1.38)
Sergipe	1993	1.25 (1.16–1.35)
Sergipe	1994	1.23 (1.15–1.33)
Sergipe	1995	1.24 (1.14–1.35)
Sergipe	1996	1.25 (1.15–1.36)
Sergipe	1997	1.25 (1.15–1.36)
Sergipe	1998	1.26 (1.16–1.36)
Sergipe	1999	1.26 (1.17–1.35)
Sergipe	2000	1.26 (1.18–1.34)
Sergipe	2001	1.29 (1.22–1.36)
Sergipe	2002	1.3 (1.23–1.36)
Sergipe	2003	1.29 (1.21–1.37)
Sergipe	2004	1.29 (1.19–1.39)
Sergipe	2005	1.29 (1.17–1.4)
Sergipe	2006	1.28 (1.16–1.4)
Sergipe	2007	1.28 (1.15–1.4)
Sergipe	2008	1.27 (1.15–1.39)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sergipe	2009	1.25 (1.13–1.37)
Sergipe	2010	1.24 (1.12–1.37)
Sergipe	2011	1.22 (1.1–1.35)
Sergipe	2012	1.21 (1.08–1.34)
Sergipe	2013	1.19 (1.07–1.32)
Sergipe	2014	1.18 (1.07–1.3)
Sergipe	2015	1.16 (1.06–1.28)
Sergipe	2016	1.15 (1.04–1.26)
Sergipe	2017	1.16 (1.05–1.28)
Tocantins	1950	1.22 (1.13–1.31)
Tocantins	1951	1.22 (1.13–1.31)
Tocantins	1952	1.23 (1.13–1.32)
Tocantins	1953	1.23 (1.13–1.33)
Tocantins	1954	1.23 (1.13–1.34)
Tocantins	1955	1.23 (1.12–1.33)
Tocantins	1956	1.22 (1.11–1.32)
Tocantins	1957	1.22 (1.12–1.32)
Tocantins	1958	1.22 (1.13–1.31)
Tocantins	1959	1.22 (1.15–1.29)
Tocantins	1960	1.23 (1.17–1.28)
Tocantins	1961	1.24 (1.19–1.28)
Tocantins	1962	1.24 (1.17–1.31)
Tocantins	1963	1.25 (1.16–1.33)
Tocantins	1964	1.26 (1.16–1.36)
Tocantins	1965	1.27 (1.17–1.36)
Tocantins	1966	1.28 (1.18–1.37)
Tocantins	1967	1.28 (1.19–1.38)
Tocantins	1968	1.29 (1.2–1.37)
Tocantins	1969	1.29 (1.21–1.38)
Tocantins	1970	1.3 (1.21–1.38)
Tocantins	1971	1.3 (1.21–1.39)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tocantins	1972	1.29 (1.21–1.39)
Tocantins	1973	1.29 (1.2–1.39)
Tocantins	1974	1.28 (1.19–1.39)
Tocantins	1975	1.27 (1.17–1.38)
Tocantins	1976	1.26 (1.16–1.37)
Tocantins	1977	1.25 (1.15–1.35)
Tocantins	1978	1.23 (1.14–1.33)
Tocantins	1979	1.24 (1.15–1.33)
Tocantins	1980	1.28 (1.18–1.37)
Tocantins	1981	1.25 (1.16–1.34)
Tocantins	1982	1.25 (1.17–1.34)
Tocantins	1983	1.27 (1.19–1.36)
Tocantins	1984	1.26 (1.18–1.34)
Tocantins	1985	1.29 (1.22–1.37)
Tocantins	1986	1.28 (1.21–1.35)
Tocantins	1987	1.28 (1.21–1.35)
Tocantins	1988	1.26 (1.19–1.33)
Tocantins	1989	1.27 (1.19–1.35)
Tocantins	1990	1.27 (1.18–1.36)
Tocantins	1991	1.29 (1.2–1.39)
Tocantins	1992	1.28 (1.18–1.38)
Tocantins	1993	1.25 (1.16–1.35)
Tocantins	1994	1.23 (1.15–1.33)
Tocantins	1995	1.24 (1.15–1.35)
Tocantins	1996	1.25 (1.15–1.36)
Tocantins	1997	1.25 (1.16–1.36)
Tocantins	1998	1.26 (1.16–1.36)
Tocantins	1999	1.26 (1.17–1.36)
Tocantins	2000	1.26 (1.18–1.34)
Tocantins	2001	1.29 (1.22–1.36)
Tocantins	2002	1.3 (1.23–1.36)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tocantins	2003	1.29 (1.21–1.37)
Tocantins	2004	1.29 (1.19–1.39)
Tocantins	2005	1.29 (1.17–1.4)
Tocantins	2006	1.28 (1.16–1.41)
Tocantins	2007	1.28 (1.15–1.4)
Tocantins	2008	1.27 (1.15–1.39)
Tocantins	2009	1.25 (1.13–1.37)
Tocantins	2010	1.24 (1.12–1.37)
Tocantins	2011	1.22 (1.1–1.35)
Tocantins	2012	1.21 (1.08–1.34)
Tocantins	2013	1.19 (1.07–1.32)
Tocantins	2014	1.18 (1.07–1.3)
Tocantins	2015	1.16 (1.06–1.28)
Tocantins	2016	1.15 (1.04–1.26)
Tocantins	2017	1.16 (1.05–1.28)
India	1950	1.0 (1.0–1.0)
India	1951	1.0 (1.0–1.0)
India	1952	1.0 (1.0–1.0)
India	1953	1.0 (1.0–1.0)
India	1954	1.0 (1.0–1.0)
India	1955	1.0 (1.0–1.0)
India	1956	1.0 (1.0–1.0)
India	1957	1.0 (1.0–1.0)
India	1958	1.0 (1.0–1.0)
India	1959	1.0 (1.0–1.0)
India	1960	1.0 (1.0–1.0)
India	1961	1.0 (1.0–1.0)
India	1962	1.0 (1.0–1.0)
India	1963	1.0 (1.0–1.0)
India	1964	1.0 (1.0–1.0)
India	1965	1.0 (1.0–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
India	1966	1.0 (1.0–1.0)
India	1967	1.0 (1.0–1.0)
India	1968	1.0 (1.0–1.0)
India	1969	1.0 (1.0–1.0)
India	1970	1.0 (1.0–1.0)
India	1971	1.0 (1.0–1.0)
India	1972	1.0 (1.0–1.0)
India	1973	1.0 (1.0–1.0)
India	1974	1.0 (1.0–1.0)
India	1975	1.0 (1.0–1.0)
India	1976	1.0 (1.0–1.0)
India	1977	1.0 (1.0–1.0)
India	1978	1.0 (1.0–1.0)
India	1979	1.0 (1.0–1.0)
India	1980	1.0 (1.0–1.0)
India	1981	1.0 (1.0–1.0)
India	1982	1.0 (1.0–1.0)
India	1983	1.0 (1.0–1.0)
India	1984	1.0 (1.0–1.0)
India	1985	1.0 (1.0–1.0)
India	1986	1.0 (1.0–1.0)
India	1987	1.0 (1.0–1.0)
India	1988	1.0 (1.0–1.0)
India	1989	1.0 (1.0–1.0)
India	1990	1.0 (1.0–1.0)
India	1991	1.0 (1.0–1.0)
India	1992	1.0 (1.0–1.0)
India	1993	1.0 (1.0–1.0)
India	1994	1.0 (1.0–1.0)
India	1995	1.0 (1.0–1.0)
India	1996	1.0 (1.0–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
India	1997	1.0 (1.0–1.0)
India	1998	1.0 (1.0–1.0)
India	1999	1.0 (1.0–1.0)
India	2000	1.0 (1.0–1.0)
India	2001	1.0 (1.0–1.0)
India	2002	1.0 (1.0–1.0)
India	2003	1.0 (1.0–1.0)
India	2004	1.0 (1.0–1.0)
India	2005	1.0 (1.0–1.0)
India	2006	1.0 (1.0–1.0)
India	2007	1.0 (1.0–1.0)
India	2008	1.0 (1.0–1.0)
India	2009	1.0 (1.0–1.0)
India	2010	1.0 (1.0–1.0)
India	2011	1.0 (1.0–1.0)
India	2012	1.0 (1.0–1.0)
India	2013	1.0 (1.0–1.0)
India	2014	1.0 (1.0–1.0)
India	2015	1.0 (1.0–1.0)
India	2016	1.0 (1.0–1.0)
India	2017	1.0 (1.0–1.0)
Andhra Pradesh	1950	1.19 (1.16–1.22)
Andhra Pradesh	1951	1.17 (1.09–1.25)
Andhra Pradesh	1952	1.16 (1.04–1.29)
Andhra Pradesh	1953	1.17 (0.99–1.36)
Andhra Pradesh	1954	1.16 (0.94–1.39)
Andhra Pradesh	1955	1.15 (0.91–1.42)
Andhra Pradesh	1956	1.16 (0.89–1.48)
Andhra Pradesh	1957	1.19 (0.89–1.53)
Andhra Pradesh	1958	1.23 (0.89–1.61)
Andhra Pradesh	1959	1.24 (0.89–1.66)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Andhra Pradesh	1960	1.3 (0.92–1.7)
Andhra Pradesh	1961	1.31 (0.95–1.74)
Andhra Pradesh	1962	1.31 (0.94–1.75)
Andhra Pradesh	1963	1.33 (0.96–1.77)
Andhra Pradesh	1964	1.33 (0.98–1.76)
Andhra Pradesh	1965	1.37 (1.01–1.78)
Andhra Pradesh	1966	1.38 (1.02–1.78)
Andhra Pradesh	1967	1.4 (1.05–1.77)
Andhra Pradesh	1968	1.39 (1.07–1.74)
Andhra Pradesh	1969	1.4 (1.1–1.73)
Andhra Pradesh	1970	1.4 (1.1–1.72)
Andhra Pradesh	1971	1.41 (1.13–1.72)
Andhra Pradesh	1972	1.42 (1.14–1.73)
Andhra Pradesh	1973	1.44 (1.16–1.76)
Andhra Pradesh	1974	1.43 (1.17–1.75)
Andhra Pradesh	1975	1.45 (1.17–1.75)
Andhra Pradesh	1976	1.43 (1.18–1.74)
Andhra Pradesh	1977	1.41 (1.17–1.7)
Andhra Pradesh	1978	1.39 (1.17–1.67)
Andhra Pradesh	1979	1.36 (1.14–1.62)
Andhra Pradesh	1980	1.3 (1.1–1.54)
Andhra Pradesh	1981	1.28 (1.09–1.5)
Andhra Pradesh	1982	1.25 (1.07–1.48)
Andhra Pradesh	1983	1.23 (1.06–1.45)
Andhra Pradesh	1984	1.22 (1.04–1.42)
Andhra Pradesh	1985	1.2 (1.03–1.4)
Andhra Pradesh	1986	1.19 (1.01–1.39)
Andhra Pradesh	1987	1.19 (1.02–1.37)
Andhra Pradesh	1988	1.19 (1.03–1.36)
Andhra Pradesh	1989	1.19 (1.05–1.34)
Andhra Pradesh	1990	1.2 (1.06–1.35)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Andhra Pradesh	1991	1.2 (1.05–1.37)
Andhra Pradesh	1992	1.21 (1.05–1.39)
Andhra Pradesh	1993	1.2 (1.04–1.39)
Andhra Pradesh	1994	1.2 (1.03–1.4)
Andhra Pradesh	1995	1.21 (1.04–1.42)
Andhra Pradesh	1996	1.21 (1.03–1.4)
Andhra Pradesh	1997	1.21 (1.04–1.4)
Andhra Pradesh	1998	1.21 (1.06–1.37)
Andhra Pradesh	1999	1.2 (1.07–1.34)
Andhra Pradesh	2000	1.2 (1.1–1.31)
Andhra Pradesh	2001	1.19 (1.09–1.31)
Andhra Pradesh	2002	1.18 (1.07–1.31)
Andhra Pradesh	2003	1.18 (1.04–1.32)
Andhra Pradesh	2004	1.17 (1.01–1.34)
Andhra Pradesh	2005	1.17 (1.0–1.36)
Andhra Pradesh	2006	1.16 (0.96–1.38)
Andhra Pradesh	2007	1.16 (0.94–1.41)
Andhra Pradesh	2008	1.17 (0.94–1.45)
Andhra Pradesh	2009	1.17 (0.93–1.47)
Andhra Pradesh	2010	1.19 (0.93–1.51)
Andhra Pradesh	2011	1.2 (0.93–1.51)
Andhra Pradesh	2012	1.19 (0.91–1.54)
Andhra Pradesh	2013	1.21 (0.9–1.59)
Andhra Pradesh	2014	1.21 (0.88–1.64)
Andhra Pradesh	2015	1.24 (0.88–1.77)
Andhra Pradesh	2016	1.24 (0.84–1.79)
Andhra Pradesh	2017	1.24 (0.82–1.84)
Arunachal Pradesh	1950	0.89 (0.88–0.89)
Arunachal Pradesh	1951	0.87 (0.83–0.91)
Arunachal Pradesh	1952	0.87 (0.81–0.93)
Arunachal Pradesh	1953	0.87 (0.8–0.95)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Arunachal Pradesh	1954	0.86 (0.79–0.94)
Arunachal Pradesh	1955	0.86 (0.77–0.94)
Arunachal Pradesh	1956	0.87 (0.77–0.97)
Arunachal Pradesh	1957	0.89 (0.77–1.01)
Arunachal Pradesh	1958	0.92 (0.78–1.05)
Arunachal Pradesh	1959	0.92 (0.79–1.07)
Arunachal Pradesh	1960	0.96 (0.82–1.12)
Arunachal Pradesh	1961	0.98 (0.84–1.13)
Arunachal Pradesh	1962	0.98 (0.83–1.12)
Arunachal Pradesh	1963	0.98 (0.85–1.12)
Arunachal Pradesh	1964	0.99 (0.87–1.11)
Arunachal Pradesh	1965	1.02 (0.91–1.13)
Arunachal Pradesh	1966	1.03 (0.93–1.12)
Arunachal Pradesh	1967	1.04 (0.95–1.14)
Arunachal Pradesh	1968	1.02 (0.93–1.13)
Arunachal Pradesh	1969	1.02 (0.93–1.13)
Arunachal Pradesh	1970	1.02 (0.92–1.13)
Arunachal Pradesh	1971	1.02 (0.92–1.12)
Arunachal Pradesh	1972	1.02 (0.93–1.12)
Arunachal Pradesh	1973	1.03 (0.94–1.12)
Arunachal Pradesh	1974	1.03 (0.94–1.12)
Arunachal Pradesh	1975	1.04 (0.95–1.14)
Arunachal Pradesh	1976	1.05 (0.96–1.15)
Arunachal Pradesh	1977	1.04 (0.96–1.14)
Arunachal Pradesh	1978	1.04 (0.95–1.14)
Arunachal Pradesh	1979	1.02 (0.94–1.12)
Arunachal Pradesh	1980	1.01 (0.93–1.09)
Arunachal Pradesh	1981	1.0 (0.92–1.09)
Arunachal Pradesh	1982	0.99 (0.92–1.08)
Arunachal Pradesh	1983	0.99 (0.91–1.08)
Arunachal Pradesh	1984	0.99 (0.91–1.07)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Arunachal Pradesh	1985	0.98 (0.9–1.06)
Arunachal Pradesh	1986	0.97 (0.9–1.05)
Arunachal Pradesh	1987	0.97 (0.9–1.05)
Arunachal Pradesh	1988	0.97 (0.9–1.05)
Arunachal Pradesh	1989	0.97 (0.9–1.05)
Arunachal Pradesh	1990	0.97 (0.89–1.05)
Arunachal Pradesh	1991	0.97 (0.89–1.06)
Arunachal Pradesh	1992	0.97 (0.89–1.05)
Arunachal Pradesh	1993	0.96 (0.89–1.05)
Arunachal Pradesh	1994	0.96 (0.88–1.05)
Arunachal Pradesh	1995	0.97 (0.89–1.04)
Arunachal Pradesh	1996	0.96 (0.89–1.03)
Arunachal Pradesh	1997	0.96 (0.89–1.03)
Arunachal Pradesh	1998	0.96 (0.89–1.03)
Arunachal Pradesh	1999	0.96 (0.89–1.04)
Arunachal Pradesh	2000	0.97 (0.9–1.05)
Arunachal Pradesh	2001	0.97 (0.89–1.05)
Arunachal Pradesh	2002	0.96 (0.89–1.04)
Arunachal Pradesh	2003	0.96 (0.9–1.03)
Arunachal Pradesh	2004	0.97 (0.9–1.04)
Arunachal Pradesh	2005	0.97 (0.9–1.04)
Arunachal Pradesh	2006	0.97 (0.89–1.05)
Arunachal Pradesh	2007	0.97 (0.88–1.08)
Arunachal Pradesh	2008	0.98 (0.89–1.09)
Arunachal Pradesh	2009	0.99 (0.89–1.1)
Arunachal Pradesh	2010	1.0 (0.89–1.1)
Arunachal Pradesh	2011	1.01 (0.9–1.13)
Arunachal Pradesh	2012	1.04 (0.92–1.17)
Arunachal Pradesh	2013	1.06 (0.93–1.21)
Arunachal Pradesh	2014	1.05 (0.91–1.22)
Arunachal Pradesh	2015	1.08 (0.92–1.29)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Arunachal Pradesh	2016	1.08 (0.9–1.3)
Arunachal Pradesh	2017	1.08 (0.89–1.3)
Assam	1950	0.89 (0.88–0.89)
Assam	1951	0.87 (0.83–0.91)
Assam	1952	0.87 (0.81–0.93)
Assam	1953	0.87 (0.8–0.95)
Assam	1954	0.86 (0.79–0.94)
Assam	1955	0.86 (0.77–0.94)
Assam	1956	0.87 (0.77–0.97)
Assam	1957	0.89 (0.77–1.01)
Assam	1958	0.91 (0.78–1.05)
Assam	1959	0.92 (0.79–1.07)
Assam	1960	0.96 (0.82–1.12)
Assam	1961	0.98 (0.84–1.13)
Assam	1962	0.98 (0.83–1.12)
Assam	1963	0.98 (0.85–1.12)
Assam	1964	0.99 (0.87–1.11)
Assam	1965	1.02 (0.91–1.13)
Assam	1966	1.03 (0.93–1.13)
Assam	1967	1.04 (0.95–1.14)
Assam	1968	1.02 (0.93–1.13)
Assam	1969	1.02 (0.93–1.13)
Assam	1970	1.02 (0.92–1.13)
Assam	1971	1.02 (0.92–1.12)
Assam	1972	1.02 (0.93–1.12)
Assam	1973	1.03 (0.94–1.12)
Assam	1974	1.03 (0.94–1.12)
Assam	1975	1.04 (0.95–1.14)
Assam	1976	1.05 (0.96–1.15)
Assam	1977	1.04 (0.96–1.14)
Assam	1978	1.04 (0.95–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Assam	1979	1.02 (0.94–1.12)
Assam	1980	1.01 (0.93–1.09)
Assam	1981	1.0 (0.92–1.09)
Assam	1982	0.99 (0.92–1.08)
Assam	1983	0.99 (0.91–1.08)
Assam	1984	0.99 (0.91–1.07)
Assam	1985	0.98 (0.9–1.06)
Assam	1986	0.97 (0.9–1.05)
Assam	1987	0.97 (0.9–1.05)
Assam	1988	0.97 (0.9–1.05)
Assam	1989	0.97 (0.9–1.05)
Assam	1990	0.97 (0.9–1.05)
Assam	1991	0.97 (0.89–1.06)
Assam	1992	0.97 (0.89–1.05)
Assam	1993	0.96 (0.89–1.05)
Assam	1994	0.96 (0.88–1.05)
Assam	1995	0.97 (0.89–1.04)
Assam	1996	0.96 (0.89–1.03)
Assam	1997	0.96 (0.89–1.03)
Assam	1998	0.96 (0.9–1.03)
Assam	1999	0.96 (0.89–1.04)
Assam	2000	0.97 (0.9–1.05)
Assam	2001	0.97 (0.89–1.05)
Assam	2002	0.96 (0.9–1.04)
Assam	2003	0.96 (0.9–1.03)
Assam	2004	0.97 (0.9–1.04)
Assam	2005	0.97 (0.9–1.04)
Assam	2006	0.97 (0.89–1.04)
Assam	2007	0.97 (0.88–1.07)
Assam	2008	0.98 (0.89–1.09)
Assam	2009	0.99 (0.89–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Assam	2010	1.0 (0.89–1.1)
Assam	2011	1.01 (0.9–1.12)
Assam	2012	1.04 (0.92–1.16)
Assam	2013	1.06 (0.93–1.21)
Assam	2014	1.05 (0.92–1.22)
Assam	2015	1.08 (0.92–1.28)
Assam	2016	1.08 (0.9–1.29)
Assam	2017	1.08 (0.89–1.3)
Bihar	1950	0.88 (0.88–0.89)
Bihar	1951	0.87 (0.83–0.91)
Bihar	1952	0.87 (0.81–0.93)
Bihar	1953	0.87 (0.8–0.95)
Bihar	1954	0.86 (0.79–0.93)
Bihar	1955	0.86 (0.77–0.94)
Bihar	1956	0.87 (0.76–0.97)
Bihar	1957	0.89 (0.76–1.01)
Bihar	1958	0.91 (0.78–1.05)
Bihar	1959	0.92 (0.79–1.07)
Bihar	1960	0.96 (0.81–1.12)
Bihar	1961	0.98 (0.84–1.13)
Bihar	1962	0.98 (0.83–1.12)
Bihar	1963	0.98 (0.85–1.12)
Bihar	1964	0.99 (0.87–1.11)
Bihar	1965	1.02 (0.91–1.13)
Bihar	1966	1.03 (0.93–1.13)
Bihar	1967	1.04 (0.95–1.14)
Bihar	1968	1.02 (0.93–1.13)
Bihar	1969	1.02 (0.93–1.13)
Bihar	1970	1.02 (0.92–1.13)
Bihar	1971	1.02 (0.92–1.12)
Bihar	1972	1.02 (0.93–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bihar	1973	1.03 (0.94–1.12)
Bihar	1974	1.03 (0.94–1.12)
Bihar	1975	1.04 (0.96–1.14)
Bihar	1976	1.05 (0.96–1.14)
Bihar	1977	1.04 (0.96–1.14)
Bihar	1978	1.04 (0.95–1.14)
Bihar	1979	1.02 (0.94–1.12)
Bihar	1980	1.01 (0.93–1.09)
Bihar	1981	1.0 (0.92–1.08)
Bihar	1982	0.99 (0.92–1.08)
Bihar	1983	0.99 (0.91–1.07)
Bihar	1984	0.99 (0.91–1.07)
Bihar	1985	0.98 (0.9–1.06)
Bihar	1986	0.97 (0.9–1.05)
Bihar	1987	0.97 (0.9–1.05)
Bihar	1988	0.97 (0.9–1.05)
Bihar	1989	0.97 (0.9–1.05)
Bihar	1990	0.97 (0.9–1.05)
Bihar	1991	0.97 (0.89–1.05)
Bihar	1992	0.97 (0.89–1.05)
Bihar	1993	0.96 (0.89–1.05)
Bihar	1994	0.96 (0.88–1.05)
Bihar	1995	0.97 (0.89–1.04)
Bihar	1996	0.96 (0.89–1.03)
Bihar	1997	0.96 (0.9–1.03)
Bihar	1998	0.96 (0.9–1.03)
Bihar	1999	0.96 (0.89–1.04)
Bihar	2000	0.97 (0.9–1.05)
Bihar	2001	0.97 (0.89–1.05)
Bihar	2002	0.96 (0.9–1.04)
Bihar	2003	0.96 (0.9–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bihar	2004	0.97 (0.9–1.04)
Bihar	2005	0.97 (0.9–1.04)
Bihar	2006	0.97 (0.89–1.04)
Bihar	2007	0.97 (0.88–1.08)
Bihar	2008	0.98 (0.89–1.09)
Bihar	2009	0.99 (0.89–1.1)
Bihar	2010	1.0 (0.89–1.1)
Bihar	2011	1.01 (0.9–1.13)
Bihar	2012	1.04 (0.92–1.16)
Bihar	2013	1.06 (0.93–1.21)
Bihar	2014	1.05 (0.92–1.22)
Bihar	2015	1.08 (0.92–1.28)
Bihar	2016	1.08 (0.9–1.29)
Bihar	2017	1.08 (0.89–1.3)
Chhattisgarh	1950	0.88 (0.88–0.89)
Chhattisgarh	1951	0.87 (0.83–0.91)
Chhattisgarh	1952	0.87 (0.81–0.93)
Chhattisgarh	1953	0.87 (0.8–0.95)
Chhattisgarh	1954	0.86 (0.79–0.93)
Chhattisgarh	1955	0.86 (0.77–0.94)
Chhattisgarh	1956	0.87 (0.76–0.97)
Chhattisgarh	1957	0.89 (0.76–1.01)
Chhattisgarh	1958	0.91 (0.78–1.05)
Chhattisgarh	1959	0.92 (0.79–1.07)
Chhattisgarh	1960	0.96 (0.81–1.12)
Chhattisgarh	1961	0.98 (0.84–1.13)
Chhattisgarh	1962	0.98 (0.83–1.13)
Chhattisgarh	1963	0.98 (0.85–1.12)
Chhattisgarh	1964	0.99 (0.87–1.11)
Chhattisgarh	1965	1.02 (0.91–1.13)
Chhattisgarh	1966	1.03 (0.93–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Chhattisgarh	1967	1.04 (0.95–1.14)
Chhattisgarh	1968	1.03 (0.93–1.13)
Chhattisgarh	1969	1.02 (0.93–1.13)
Chhattisgarh	1970	1.02 (0.92–1.13)
Chhattisgarh	1971	1.02 (0.92–1.12)
Chhattisgarh	1972	1.02 (0.93–1.12)
Chhattisgarh	1973	1.03 (0.94–1.12)
Chhattisgarh	1974	1.03 (0.94–1.12)
Chhattisgarh	1975	1.04 (0.96–1.14)
Chhattisgarh	1976	1.05 (0.96–1.14)
Chhattisgarh	1977	1.04 (0.96–1.14)
Chhattisgarh	1978	1.04 (0.95–1.14)
Chhattisgarh	1979	1.02 (0.94–1.12)
Chhattisgarh	1980	1.01 (0.93–1.09)
Chhattisgarh	1981	1.0 (0.92–1.08)
Chhattisgarh	1982	0.99 (0.92–1.08)
Chhattisgarh	1983	0.99 (0.91–1.07)
Chhattisgarh	1984	0.99 (0.91–1.07)
Chhattisgarh	1985	0.98 (0.9–1.06)
Chhattisgarh	1986	0.97 (0.9–1.05)
Chhattisgarh	1987	0.97 (0.9–1.05)
Chhattisgarh	1988	0.97 (0.9–1.05)
Chhattisgarh	1989	0.97 (0.9–1.05)
Chhattisgarh	1990	0.97 (0.9–1.05)
Chhattisgarh	1991	0.97 (0.89–1.05)
Chhattisgarh	1992	0.97 (0.89–1.05)
Chhattisgarh	1993	0.96 (0.89–1.05)
Chhattisgarh	1994	0.96 (0.88–1.05)
Chhattisgarh	1995	0.97 (0.89–1.04)
Chhattisgarh	1996	0.96 (0.89–1.03)
Chhattisgarh	1997	0.96 (0.89–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Chhattisgarh	1998	0.96 (0.9–1.03)
Chhattisgarh	1999	0.96 (0.89–1.04)
Chhattisgarh	2000	0.97 (0.9–1.05)
Chhattisgarh	2001	0.97 (0.9–1.05)
Chhattisgarh	2002	0.96 (0.9–1.04)
Chhattisgarh	2003	0.96 (0.9–1.03)
Chhattisgarh	2004	0.97 (0.9–1.04)
Chhattisgarh	2005	0.97 (0.9–1.04)
Chhattisgarh	2006	0.97 (0.89–1.04)
Chhattisgarh	2007	0.97 (0.88–1.07)
Chhattisgarh	2008	0.98 (0.89–1.09)
Chhattisgarh	2009	0.99 (0.89–1.09)
Chhattisgarh	2010	1.0 (0.89–1.1)
Chhattisgarh	2011	1.01 (0.9–1.12)
Chhattisgarh	2012	1.04 (0.92–1.16)
Chhattisgarh	2013	1.06 (0.93–1.21)
Chhattisgarh	2014	1.05 (0.92–1.22)
Chhattisgarh	2015	1.08 (0.92–1.28)
Chhattisgarh	2016	1.08 (0.9–1.29)
Chhattisgarh	2017	1.08 (0.89–1.3)
Delhi	1950	0.89 (0.88–0.89)
Delhi	1951	0.87 (0.83–0.91)
Delhi	1952	0.87 (0.81–0.93)
Delhi	1953	0.87 (0.8–0.95)
Delhi	1954	0.86 (0.78–0.94)
Delhi	1955	0.86 (0.77–0.94)
Delhi	1956	0.87 (0.76–0.97)
Delhi	1957	0.89 (0.76–1.01)
Delhi	1958	0.91 (0.78–1.05)
Delhi	1959	0.92 (0.78–1.07)
Delhi	1960	0.96 (0.81–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Delhi	1961	0.98 (0.83–1.13)
Delhi	1962	0.98 (0.83–1.13)
Delhi	1963	0.98 (0.85–1.12)
Delhi	1964	0.99 (0.86–1.12)
Delhi	1965	1.02 (0.91–1.14)
Delhi	1966	1.03 (0.93–1.13)
Delhi	1967	1.04 (0.94–1.15)
Delhi	1968	1.03 (0.92–1.13)
Delhi	1969	1.03 (0.92–1.14)
Delhi	1970	1.02 (0.92–1.13)
Delhi	1971	1.02 (0.92–1.13)
Delhi	1972	1.02 (0.93–1.12)
Delhi	1973	1.03 (0.94–1.12)
Delhi	1974	1.03 (0.94–1.12)
Delhi	1975	1.05 (0.95–1.14)
Delhi	1976	1.05 (0.96–1.15)
Delhi	1977	1.05 (0.96–1.14)
Delhi	1978	1.04 (0.95–1.14)
Delhi	1979	1.02 (0.94–1.12)
Delhi	1980	1.01 (0.93–1.09)
Delhi	1981	1.0 (0.92–1.09)
Delhi	1982	0.99 (0.91–1.08)
Delhi	1983	0.99 (0.91–1.08)
Delhi	1984	0.99 (0.91–1.07)
Delhi	1985	0.98 (0.9–1.06)
Delhi	1986	0.97 (0.9–1.05)
Delhi	1987	0.97 (0.9–1.05)
Delhi	1988	0.97 (0.9–1.06)
Delhi	1989	0.97 (0.9–1.05)
Delhi	1990	0.97 (0.89–1.05)
Delhi	1991	0.97 (0.89–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Delhi	1992	0.97 (0.89–1.05)
Delhi	1993	0.96 (0.88–1.05)
Delhi	1994	0.96 (0.88–1.05)
Delhi	1995	0.96 (0.89–1.04)
Delhi	1996	0.96 (0.89–1.03)
Delhi	1997	0.96 (0.89–1.03)
Delhi	1998	0.96 (0.89–1.03)
Delhi	1999	0.96 (0.89–1.04)
Delhi	2000	0.97 (0.9–1.05)
Delhi	2001	0.97 (0.89–1.05)
Delhi	2002	0.96 (0.89–1.04)
Delhi	2003	0.96 (0.9–1.03)
Delhi	2004	0.97 (0.9–1.04)
Delhi	2005	0.97 (0.9–1.04)
Delhi	2006	0.97 (0.89–1.05)
Delhi	2007	0.97 (0.88–1.08)
Delhi	2008	0.98 (0.89–1.09)
Delhi	2009	0.98 (0.89–1.1)
Delhi	2010	1.0 (0.89–1.1)
Delhi	2011	1.01 (0.9–1.13)
Delhi	2012	1.04 (0.92–1.17)
Delhi	2013	1.06 (0.93–1.21)
Delhi	2014	1.05 (0.91–1.22)
Delhi	2015	1.08 (0.92–1.29)
Delhi	2016	1.08 (0.9–1.3)
Delhi	2017	1.08 (0.89–1.3)
Goa	1950	0.88 (0.87–0.89)
Goa	1951	0.86 (0.82–0.91)
Goa	1952	0.86 (0.79–0.93)
Goa	1953	0.86 (0.79–0.94)
Goa	1954	0.85 (0.77–0.93)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Goa	1955	0.85 (0.75–0.94)
Goa	1956	0.86 (0.75–0.97)
Goa	1957	0.88 (0.75–1.01)
Goa	1958	0.91 (0.77–1.05)
Goa	1959	0.92 (0.77–1.07)
Goa	1960	0.96 (0.8–1.12)
Goa	1961	0.97 (0.82–1.14)
Goa	1962	0.97 (0.82–1.13)
Goa	1963	0.98 (0.84–1.13)
Goa	1964	0.99 (0.86–1.12)
Goa	1965	1.02 (0.9–1.14)
Goa	1966	1.03 (0.93–1.13)
Goa	1967	1.04 (0.94–1.15)
Goa	1968	1.03 (0.92–1.14)
Goa	1969	1.03 (0.92–1.14)
Goa	1970	1.02 (0.91–1.14)
Goa	1971	1.02 (0.92–1.13)
Goa	1972	1.02 (0.92–1.13)
Goa	1973	1.03 (0.93–1.12)
Goa	1974	1.03 (0.94–1.13)
Goa	1975	1.05 (0.95–1.15)
Goa	1976	1.05 (0.96–1.15)
Goa	1977	1.05 (0.96–1.15)
Goa	1978	1.04 (0.95–1.15)
Goa	1979	1.02 (0.94–1.13)
Goa	1980	1.01 (0.93–1.1)
Goa	1981	1.0 (0.92–1.09)
Goa	1982	0.99 (0.91–1.08)
Goa	1983	0.99 (0.91–1.08)
Goa	1984	0.99 (0.91–1.07)
Goa	1985	0.97 (0.9–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Goa	1986	0.97 (0.89–1.05)
Goa	1987	0.97 (0.9–1.05)
Goa	1988	0.97 (0.89–1.06)
Goa	1989	0.97 (0.9–1.05)
Goa	1990	0.97 (0.89–1.05)
Goa	1991	0.97 (0.89–1.06)
Goa	1992	0.97 (0.89–1.05)
Goa	1993	0.96 (0.88–1.05)
Goa	1994	0.96 (0.88–1.05)
Goa	1995	0.96 (0.89–1.04)
Goa	1996	0.96 (0.89–1.03)
Goa	1997	0.96 (0.89–1.03)
Goa	1998	0.96 (0.89–1.03)
Goa	1999	0.96 (0.89–1.04)
Goa	2000	0.97 (0.89–1.05)
Goa	2001	0.97 (0.89–1.05)
Goa	2002	0.96 (0.89–1.04)
Goa	2003	0.96 (0.89–1.03)
Goa	2004	0.97 (0.9–1.04)
Goa	2005	0.97 (0.9–1.04)
Goa	2006	0.97 (0.89–1.05)
Goa	2007	0.97 (0.88–1.08)
Goa	2008	0.98 (0.89–1.09)
Goa	2009	0.98 (0.89–1.1)
Goa	2010	1.0 (0.89–1.11)
Goa	2011	1.01 (0.9–1.13)
Goa	2012	1.04 (0.92–1.17)
Goa	2013	1.06 (0.93–1.22)
Goa	2014	1.05 (0.91–1.22)
Goa	2015	1.08 (0.92–1.29)
Goa	2016	1.08 (0.9–1.3)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Goa	2017	1.08 (0.89–1.3)
Gujarat	1950	0.88 (0.87–0.89)
Gujarat	1951	0.87 (0.83–0.91)
Gujarat	1952	0.87 (0.81–0.93)
Gujarat	1953	0.87 (0.8–0.95)
Gujarat	1954	0.86 (0.78–0.93)
Gujarat	1955	0.85 (0.77–0.94)
Gujarat	1956	0.87 (0.76–0.97)
Gujarat	1957	0.89 (0.76–1.01)
Gujarat	1958	0.91 (0.78–1.05)
Gujarat	1959	0.92 (0.78–1.07)
Gujarat	1960	0.96 (0.81–1.12)
Gujarat	1961	0.98 (0.83–1.13)
Gujarat	1962	0.98 (0.83–1.13)
Gujarat	1963	0.98 (0.85–1.12)
Gujarat	1964	0.99 (0.86–1.11)
Gujarat	1965	1.02 (0.91–1.13)
Gujarat	1966	1.03 (0.93–1.13)
Gujarat	1967	1.04 (0.94–1.14)
Gujarat	1968	1.03 (0.93–1.13)
Gujarat	1969	1.02 (0.92–1.14)
Gujarat	1970	1.02 (0.92–1.13)
Gujarat	1971	1.02 (0.92–1.13)
Gujarat	1972	1.02 (0.93–1.12)
Gujarat	1973	1.03 (0.94–1.12)
Gujarat	1974	1.03 (0.94–1.12)
Gujarat	1975	1.04 (0.95–1.14)
Gujarat	1976	1.05 (0.96–1.15)
Gujarat	1977	1.04 (0.96–1.14)
Gujarat	1978	1.04 (0.95–1.14)
Gujarat	1979	1.02 (0.94–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Gujarat	1980	1.01 (0.93–1.09)
Gujarat	1981	1.0 (0.92–1.09)
Gujarat	1982	0.99 (0.92–1.08)
Gujarat	1983	0.99 (0.91–1.08)
Gujarat	1984	0.99 (0.91–1.07)
Gujarat	1985	0.98 (0.9–1.06)
Gujarat	1986	0.97 (0.9–1.05)
Gujarat	1987	0.97 (0.9–1.05)
Gujarat	1988	0.97 (0.9–1.05)
Gujarat	1989	0.97 (0.9–1.05)
Gujarat	1990	0.97 (0.89–1.05)
Gujarat	1991	0.97 (0.89–1.06)
Gujarat	1992	0.97 (0.89–1.05)
Gujarat	1993	0.96 (0.89–1.05)
Gujarat	1994	0.96 (0.88–1.05)
Gujarat	1995	0.96 (0.89–1.04)
Gujarat	1996	0.96 (0.89–1.03)
Gujarat	1997	0.96 (0.89–1.03)
Gujarat	1998	0.96 (0.89–1.03)
Gujarat	1999	0.96 (0.89–1.04)
Gujarat	2000	0.97 (0.9–1.05)
Gujarat	2001	0.97 (0.89–1.05)
Gujarat	2002	0.96 (0.89–1.04)
Gujarat	2003	0.96 (0.9–1.03)
Gujarat	2004	0.97 (0.9–1.04)
Gujarat	2005	0.97 (0.9–1.04)
Gujarat	2006	0.97 (0.89–1.05)
Gujarat	2007	0.97 (0.88–1.08)
Gujarat	2008	0.98 (0.89–1.09)
Gujarat	2009	0.99 (0.89–1.1)
Gujarat	2010	1.0 (0.89–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Gujarat	2011	1.01 (0.9–1.13)
Gujarat	2012	1.04 (0.92–1.16)
Gujarat	2013	1.06 (0.93–1.21)
Gujarat	2014	1.05 (0.92–1.22)
Gujarat	2015	1.08 (0.92–1.29)
Gujarat	2016	1.08 (0.9–1.29)
Gujarat	2017	1.08 (0.89–1.3)
Haryana	1950	0.88 (0.88–0.89)
Haryana	1951	0.87 (0.83–0.91)
Haryana	1952	0.87 (0.81–0.93)
Haryana	1953	0.87 (0.8–0.95)
Haryana	1954	0.86 (0.78–0.93)
Haryana	1955	0.85 (0.77–0.94)
Haryana	1956	0.87 (0.76–0.97)
Haryana	1957	0.89 (0.76–1.01)
Haryana	1958	0.91 (0.78–1.05)
Haryana	1959	0.92 (0.78–1.07)
Haryana	1960	0.96 (0.81–1.12)
Haryana	1961	0.98 (0.83–1.13)
Haryana	1962	0.98 (0.83–1.13)
Haryana	1963	0.98 (0.85–1.12)
Haryana	1964	0.99 (0.87–1.11)
Haryana	1965	1.02 (0.91–1.13)
Haryana	1966	1.03 (0.93–1.13)
Haryana	1967	1.04 (0.95–1.14)
Haryana	1968	1.03 (0.93–1.13)
Haryana	1969	1.02 (0.92–1.14)
Haryana	1970	1.02 (0.92–1.13)
Haryana	1971	1.02 (0.92–1.13)
Haryana	1972	1.02 (0.93–1.12)
Haryana	1973	1.03 (0.94–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Haryana	1974	1.03 (0.94–1.12)
Haryana	1975	1.05 (0.95–1.14)
Haryana	1976	1.05 (0.96–1.15)
Haryana	1977	1.05 (0.96–1.14)
Haryana	1978	1.04 (0.95–1.14)
Haryana	1979	1.02 (0.94–1.12)
Haryana	1980	1.01 (0.93–1.09)
Haryana	1981	1.0 (0.92–1.09)
Haryana	1982	0.99 (0.92–1.08)
Haryana	1983	0.99 (0.91–1.08)
Haryana	1984	0.99 (0.91–1.07)
Haryana	1985	0.98 (0.9–1.06)
Haryana	1986	0.97 (0.9–1.05)
Haryana	1987	0.97 (0.9–1.05)
Haryana	1988	0.97 (0.9–1.05)
Haryana	1989	0.97 (0.9–1.05)
Haryana	1990	0.97 (0.89–1.05)
Haryana	1991	0.97 (0.89–1.06)
Haryana	1992	0.97 (0.89–1.05)
Haryana	1993	0.96 (0.88–1.05)
Haryana	1994	0.96 (0.88–1.05)
Haryana	1995	0.96 (0.89–1.04)
Haryana	1996	0.96 (0.89–1.03)
Haryana	1997	0.96 (0.89–1.03)
Haryana	1998	0.96 (0.89–1.03)
Haryana	1999	0.96 (0.89–1.04)
Haryana	2000	0.97 (0.9–1.05)
Haryana	2001	0.97 (0.89–1.05)
Haryana	2002	0.96 (0.89–1.04)
Haryana	2003	0.96 (0.9–1.03)
Haryana	2004	0.97 (0.9–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Haryana	2005	0.97 (0.9–1.04)
Haryana	2006	0.97 (0.89–1.05)
Haryana	2007	0.97 (0.88–1.08)
Haryana	2008	0.98 (0.89–1.09)
Haryana	2009	0.99 (0.89–1.1)
Haryana	2010	1.0 (0.89–1.1)
Haryana	2011	1.01 (0.9–1.13)
Haryana	2012	1.04 (0.92–1.16)
Haryana	2013	1.06 (0.93–1.21)
Haryana	2014	1.05 (0.92–1.22)
Haryana	2015	1.08 (0.92–1.29)
Haryana	2016	1.08 (0.9–1.29)
Haryana	2017	1.08 (0.89–1.3)
Himachal Pradesh	1950	0.88 (0.87–0.89)
Himachal Pradesh	1951	0.86 (0.82–0.91)
Himachal Pradesh	1952	0.86 (0.8–0.93)
Himachal Pradesh	1953	0.86 (0.79–0.94)
Himachal Pradesh	1954	0.85 (0.78–0.93)
Himachal Pradesh	1955	0.85 (0.76–0.94)
Himachal Pradesh	1956	0.86 (0.75–0.97)
Himachal Pradesh	1957	0.88 (0.75–1.01)
Himachal Pradesh	1958	0.91 (0.77–1.05)
Himachal Pradesh	1959	0.92 (0.78–1.07)
Himachal Pradesh	1960	0.96 (0.81–1.12)
Himachal Pradesh	1961	0.97 (0.83–1.14)
Himachal Pradesh	1962	0.97 (0.82–1.13)
Himachal Pradesh	1963	0.98 (0.84–1.13)
Himachal Pradesh	1964	0.99 (0.86–1.12)
Himachal Pradesh	1965	1.02 (0.91–1.14)
Himachal Pradesh	1966	1.03 (0.93–1.13)
Himachal Pradesh	1967	1.04 (0.94–1.15)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Himachal Pradesh	1968	1.03 (0.92–1.13)
Himachal Pradesh	1969	1.03 (0.92–1.14)
Himachal Pradesh	1970	1.02 (0.92–1.13)
Himachal Pradesh	1971	1.02 (0.92–1.13)
Himachal Pradesh	1972	1.02 (0.92–1.13)
Himachal Pradesh	1973	1.03 (0.93–1.12)
Himachal Pradesh	1974	1.03 (0.94–1.13)
Himachal Pradesh	1975	1.05 (0.95–1.14)
Himachal Pradesh	1976	1.05 (0.96–1.15)
Himachal Pradesh	1977	1.05 (0.96–1.14)
Himachal Pradesh	1978	1.04 (0.95–1.14)
Himachal Pradesh	1979	1.02 (0.94–1.12)
Himachal Pradesh	1980	1.01 (0.93–1.09)
Himachal Pradesh	1981	1.0 (0.92–1.09)
Himachal Pradesh	1982	0.99 (0.91–1.08)
Himachal Pradesh	1983	0.99 (0.91–1.08)
Himachal Pradesh	1984	0.99 (0.91–1.07)
Himachal Pradesh	1985	0.98 (0.9–1.06)
Himachal Pradesh	1986	0.97 (0.9–1.05)
Himachal Pradesh	1987	0.97 (0.9–1.05)
Himachal Pradesh	1988	0.97 (0.9–1.06)
Himachal Pradesh	1989	0.97 (0.9–1.05)
Himachal Pradesh	1990	0.97 (0.89–1.05)
Himachal Pradesh	1991	0.97 (0.89–1.06)
Himachal Pradesh	1992	0.97 (0.89–1.05)
Himachal Pradesh	1993	0.96 (0.88–1.05)
Himachal Pradesh	1994	0.96 (0.88–1.05)
Himachal Pradesh	1995	0.96 (0.89–1.04)
Himachal Pradesh	1996	0.96 (0.89–1.03)
Himachal Pradesh	1997	0.96 (0.89–1.03)
Himachal Pradesh	1998	0.96 (0.89–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Himachal Pradesh	1999	0.96 (0.89–1.04)
Himachal Pradesh	2000	0.97 (0.9–1.05)
Himachal Pradesh	2001	0.97 (0.89–1.05)
Himachal Pradesh	2002	0.96 (0.89–1.04)
Himachal Pradesh	2003	0.96 (0.9–1.03)
Himachal Pradesh	2004	0.97 (0.9–1.04)
Himachal Pradesh	2005	0.97 (0.9–1.04)
Himachal Pradesh	2006	0.97 (0.89–1.05)
Himachal Pradesh	2007	0.97 (0.88–1.08)
Himachal Pradesh	2008	0.98 (0.89–1.09)
Himachal Pradesh	2009	0.99 (0.89–1.1)
Himachal Pradesh	2010	1.0 (0.89–1.1)
Himachal Pradesh	2011	1.01 (0.9–1.13)
Himachal Pradesh	2012	1.04 (0.92–1.17)
Himachal Pradesh	2013	1.06 (0.93–1.21)
Himachal Pradesh	2014	1.05 (0.91–1.22)
Himachal Pradesh	2015	1.08 (0.92–1.29)
Himachal Pradesh	2016	1.08 (0.9–1.3)
Himachal Pradesh	2017	1.08 (0.89–1.3)
Jammu and Kashmir	1950	0.88 (0.87–0.89)
Jammu and Kashmir	1951	0.86 (0.82–0.91)
Jammu and Kashmir	1952	0.86 (0.8–0.93)
Jammu and Kashmir	1953	0.86 (0.79–0.94)
Jammu and Kashmir	1954	0.85 (0.78–0.93)
Jammu and Kashmir	1955	0.85 (0.76–0.94)
Jammu and Kashmir	1956	0.86 (0.75–0.97)
Jammu and Kashmir	1957	0.88 (0.75–1.01)
Jammu and Kashmir	1958	0.91 (0.77–1.05)
Jammu and Kashmir	1959	0.92 (0.78–1.07)
Jammu and Kashmir	1960	0.96 (0.81–1.12)
Jammu and Kashmir	1961	0.97 (0.83–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Jammu and Kashmir	1962	0.97 (0.82–1.13)
Jammu and Kashmir	1963	0.98 (0.84–1.13)
Jammu and Kashmir	1964	0.99 (0.86–1.12)
Jammu and Kashmir	1965	1.02 (0.91–1.14)
Jammu and Kashmir	1966	1.03 (0.93–1.13)
Jammu and Kashmir	1967	1.04 (0.94–1.15)
Jammu and Kashmir	1968	1.03 (0.92–1.13)
Jammu and Kashmir	1969	1.03 (0.92–1.14)
Jammu and Kashmir	1970	1.02 (0.92–1.13)
Jammu and Kashmir	1971	1.02 (0.92–1.13)
Jammu and Kashmir	1972	1.02 (0.92–1.13)
Jammu and Kashmir	1973	1.03 (0.94–1.12)
Jammu and Kashmir	1974	1.03 (0.94–1.12)
Jammu and Kashmir	1975	1.05 (0.95–1.14)
Jammu and Kashmir	1976	1.05 (0.96–1.15)
Jammu and Kashmir	1977	1.05 (0.96–1.14)
Jammu and Kashmir	1978	1.04 (0.95–1.14)
Jammu and Kashmir	1979	1.02 (0.94–1.12)
Jammu and Kashmir	1980	1.01 (0.93–1.09)
Jammu and Kashmir	1981	1.0 (0.92–1.09)
Jammu and Kashmir	1982	0.99 (0.92–1.08)
Jammu and Kashmir	1983	0.99 (0.91–1.08)
Jammu and Kashmir	1984	0.99 (0.91–1.07)
Jammu and Kashmir	1985	0.98 (0.9–1.06)
Jammu and Kashmir	1986	0.97 (0.9–1.05)
Jammu and Kashmir	1987	0.97 (0.9–1.05)
Jammu and Kashmir	1988	0.97 (0.9–1.06)
Jammu and Kashmir	1989	0.97 (0.9–1.05)
Jammu and Kashmir	1990	0.97 (0.89–1.05)
Jammu and Kashmir	1991	0.97 (0.89–1.06)
Jammu and Kashmir	1992	0.97 (0.89–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Jammu and Kashmir	1993	0.96 (0.88–1.05)
Jammu and Kashmir	1994	0.96 (0.88–1.05)
Jammu and Kashmir	1995	0.96 (0.89–1.04)
Jammu and Kashmir	1996	0.96 (0.89–1.03)
Jammu and Kashmir	1997	0.96 (0.89–1.03)
Jammu and Kashmir	1998	0.96 (0.89–1.03)
Jammu and Kashmir	1999	0.96 (0.89–1.04)
Jammu and Kashmir	2000	0.97 (0.9–1.05)
Jammu and Kashmir	2001	0.97 (0.89–1.05)
Jammu and Kashmir	2002	0.96 (0.89–1.04)
Jammu and Kashmir	2003	0.96 (0.9–1.03)
Jammu and Kashmir	2004	0.97 (0.9–1.04)
Jammu and Kashmir	2005	0.97 (0.9–1.04)
Jammu and Kashmir	2006	0.97 (0.89–1.05)
Jammu and Kashmir	2007	0.97 (0.88–1.08)
Jammu and Kashmir	2008	0.98 (0.89–1.09)
Jammu and Kashmir	2009	0.99 (0.89–1.1)
Jammu and Kashmir	2010	1.0 (0.89–1.1)
Jammu and Kashmir	2011	1.01 (0.9–1.13)
Jammu and Kashmir	2012	1.04 (0.92–1.17)
Jammu and Kashmir	2013	1.06 (0.93–1.21)
Jammu and Kashmir	2014	1.05 (0.91–1.22)
Jammu and Kashmir	2015	1.08 (0.92–1.29)
Jammu and Kashmir	2016	1.08 (0.9–1.3)
Jammu and Kashmir	2017	1.08 (0.89–1.3)
Jharkhand	1950	0.88 (0.87–0.89)
Jharkhand	1951	0.87 (0.83–0.91)
Jharkhand	1952	0.87 (0.8–0.93)
Jharkhand	1953	0.87 (0.8–0.94)
Jharkhand	1954	0.86 (0.78–0.93)
Jharkhand	1955	0.85 (0.77–0.94)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Jharkhand	1956	0.86 (0.76–0.97)
Jharkhand	1957	0.89 (0.76–1.01)
Jharkhand	1958	0.91 (0.78–1.05)
Jharkhand	1959	0.92 (0.78–1.07)
Jharkhand	1960	0.96 (0.81–1.12)
Jharkhand	1961	0.98 (0.83–1.13)
Jharkhand	1962	0.98 (0.83–1.13)
Jharkhand	1963	0.98 (0.85–1.12)
Jharkhand	1964	0.99 (0.87–1.11)
Jharkhand	1965	1.02 (0.91–1.13)
Jharkhand	1966	1.03 (0.93–1.13)
Jharkhand	1967	1.04 (0.95–1.14)
Jharkhand	1968	1.03 (0.93–1.13)
Jharkhand	1969	1.02 (0.92–1.14)
Jharkhand	1970	1.02 (0.92–1.13)
Jharkhand	1971	1.02 (0.92–1.12)
Jharkhand	1972	1.02 (0.93–1.12)
Jharkhand	1973	1.03 (0.94–1.12)
Jharkhand	1974	1.03 (0.94–1.12)
Jharkhand	1975	1.04 (0.95–1.14)
Jharkhand	1976	1.05 (0.96–1.15)
Jharkhand	1977	1.04 (0.96–1.14)
Jharkhand	1978	1.04 (0.95–1.14)
Jharkhand	1979	1.02 (0.94–1.12)
Jharkhand	1980	1.01 (0.93–1.09)
Jharkhand	1981	1.0 (0.92–1.09)
Jharkhand	1982	0.99 (0.92–1.08)
Jharkhand	1983	0.99 (0.91–1.07)
Jharkhand	1984	0.99 (0.91–1.07)
Jharkhand	1985	0.98 (0.9–1.06)
Jharkhand	1986	0.97 (0.9–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Jharkhand	1987	0.97 (0.9–1.05)
Jharkhand	1988	0.97 (0.9–1.05)
Jharkhand	1989	0.97 (0.9–1.05)
Jharkhand	1990	0.97 (0.9–1.05)
Jharkhand	1991	0.97 (0.89–1.06)
Jharkhand	1992	0.97 (0.89–1.05)
Jharkhand	1993	0.96 (0.89–1.05)
Jharkhand	1994	0.96 (0.88–1.05)
Jharkhand	1995	0.97 (0.89–1.04)
Jharkhand	1996	0.96 (0.89–1.03)
Jharkhand	1997	0.96 (0.89–1.03)
Jharkhand	1998	0.96 (0.9–1.03)
Jharkhand	1999	0.96 (0.89–1.04)
Jharkhand	2000	0.97 (0.9–1.05)
Jharkhand	2001	0.97 (0.89–1.05)
Jharkhand	2002	0.96 (0.9–1.04)
Jharkhand	2003	0.96 (0.9–1.03)
Jharkhand	2004	0.97 (0.9–1.04)
Jharkhand	2005	0.97 (0.9–1.04)
Jharkhand	2006	0.97 (0.89–1.05)
Jharkhand	2007	0.97 (0.88–1.08)
Jharkhand	2008	0.98 (0.89–1.09)
Jharkhand	2009	0.99 (0.89–1.1)
Jharkhand	2010	1.0 (0.89–1.1)
Jharkhand	2011	1.01 (0.9–1.13)
Jharkhand	2012	1.04 (0.92–1.16)
Jharkhand	2013	1.06 (0.93–1.21)
Jharkhand	2014	1.05 (0.92–1.22)
Jharkhand	2015	1.08 (0.92–1.28)
Jharkhand	2016	1.08 (0.9–1.29)
Jharkhand	2017	1.08 (0.89–1.3)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Karnataka	1950	0.88 (0.88–0.89)
Karnataka	1951	0.87 (0.83–0.91)
Karnataka	1952	0.87 (0.81–0.93)
Karnataka	1953	0.87 (0.8–0.95)
Karnataka	1954	0.86 (0.79–0.93)
Karnataka	1955	0.86 (0.77–0.94)
Karnataka	1956	0.87 (0.76–0.97)
Karnataka	1957	0.89 (0.76–1.01)
Karnataka	1958	0.91 (0.78–1.05)
Karnataka	1959	0.92 (0.79–1.07)
Karnataka	1960	0.96 (0.81–1.12)
Karnataka	1961	0.98 (0.83–1.13)
Karnataka	1962	0.98 (0.83–1.13)
Karnataka	1963	0.98 (0.85–1.12)
Karnataka	1964	0.99 (0.86–1.11)
Karnataka	1965	1.02 (0.91–1.13)
Karnataka	1966	1.03 (0.93–1.13)
Karnataka	1967	1.04 (0.94–1.14)
Karnataka	1968	1.03 (0.93–1.13)
Karnataka	1969	1.02 (0.92–1.13)
Karnataka	1970	1.02 (0.92–1.13)
Karnataka	1971	1.02 (0.92–1.13)
Karnataka	1972	1.02 (0.93–1.12)
Karnataka	1973	1.03 (0.94–1.12)
Karnataka	1974	1.03 (0.94–1.12)
Karnataka	1975	1.04 (0.95–1.14)
Karnataka	1976	1.05 (0.96–1.15)
Karnataka	1977	1.04 (0.96–1.14)
Karnataka	1978	1.04 (0.95–1.14)
Karnataka	1979	1.02 (0.94–1.12)
Karnataka	1980	1.01 (0.93–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Karnataka	1981	1.0 (0.92–1.09)
Karnataka	1982	0.99 (0.92–1.08)
Karnataka	1983	0.99 (0.91–1.08)
Karnataka	1984	0.99 (0.91–1.07)
Karnataka	1985	0.98 (0.9–1.06)
Karnataka	1986	0.97 (0.9–1.05)
Karnataka	1987	0.97 (0.9–1.05)
Karnataka	1988	0.97 (0.9–1.06)
Karnataka	1989	0.97 (0.9–1.05)
Karnataka	1990	0.97 (0.89–1.05)
Karnataka	1991	0.97 (0.89–1.06)
Karnataka	1992	0.97 (0.89–1.05)
Karnataka	1993	0.96 (0.88–1.05)
Karnataka	1994	0.96 (0.88–1.05)
Karnataka	1995	0.96 (0.89–1.04)
Karnataka	1996	0.96 (0.89–1.03)
Karnataka	1997	0.96 (0.89–1.03)
Karnataka	1998	0.96 (0.89–1.03)
Karnataka	1999	0.96 (0.89–1.04)
Karnataka	2000	0.97 (0.9–1.05)
Karnataka	2001	0.97 (0.89–1.05)
Karnataka	2002	0.96 (0.89–1.04)
Karnataka	2003	0.96 (0.9–1.03)
Karnataka	2004	0.97 (0.9–1.04)
Karnataka	2005	0.97 (0.9–1.04)
Karnataka	2006	0.97 (0.89–1.05)
Karnataka	2007	0.97 (0.88–1.08)
Karnataka	2008	0.98 (0.89–1.09)
Karnataka	2009	0.99 (0.89–1.1)
Karnataka	2010	1.0 (0.89–1.1)
Karnataka	2011	1.01 (0.9–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Karnataka	2012	1.04 (0.92–1.17)
Karnataka	2013	1.06 (0.93–1.21)
Karnataka	2014	1.05 (0.91–1.22)
Karnataka	2015	1.08 (0.92–1.29)
Karnataka	2016	1.08 (0.9–1.3)
Karnataka	2017	1.08 (0.89–1.3)
Kerala	1950	0.88 (0.87–0.89)
Kerala	1951	0.87 (0.82–0.91)
Kerala	1952	0.86 (0.8–0.93)
Kerala	1953	0.86 (0.79–0.94)
Kerala	1954	0.85 (0.78–0.93)
Kerala	1955	0.85 (0.76–0.94)
Kerala	1956	0.86 (0.75–0.97)
Kerala	1957	0.88 (0.75–1.01)
Kerala	1958	0.91 (0.77–1.05)
Kerala	1959	0.92 (0.78–1.07)
Kerala	1960	0.96 (0.8–1.12)
Kerala	1961	0.97 (0.83–1.14)
Kerala	1962	0.97 (0.82–1.13)
Kerala	1963	0.98 (0.84–1.13)
Kerala	1964	0.99 (0.86–1.12)
Kerala	1965	1.02 (0.9–1.14)
Kerala	1966	1.03 (0.93–1.13)
Kerala	1967	1.04 (0.94–1.15)
Kerala	1968	1.03 (0.92–1.14)
Kerala	1969	1.03 (0.92–1.14)
Kerala	1970	1.02 (0.91–1.14)
Kerala	1971	1.02 (0.92–1.13)
Kerala	1972	1.02 (0.92–1.13)
Kerala	1973	1.03 (0.93–1.12)
Kerala	1974	1.03 (0.94–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kerala	1975	1.05 (0.95–1.15)
Kerala	1976	1.05 (0.96–1.15)
Kerala	1977	1.05 (0.96–1.15)
Kerala	1978	1.04 (0.95–1.15)
Kerala	1979	1.02 (0.94–1.13)
Kerala	1980	1.01 (0.93–1.1)
Kerala	1981	1.0 (0.92–1.09)
Kerala	1982	0.99 (0.91–1.08)
Kerala	1983	0.99 (0.91–1.08)
Kerala	1984	0.99 (0.9–1.07)
Kerala	1985	0.97 (0.89–1.06)
Kerala	1986	0.97 (0.89–1.05)
Kerala	1987	0.97 (0.9–1.05)
Kerala	1988	0.97 (0.89–1.06)
Kerala	1989	0.97 (0.9–1.05)
Kerala	1990	0.97 (0.89–1.05)
Kerala	1991	0.97 (0.88–1.06)
Kerala	1992	0.97 (0.88–1.05)
Kerala	1993	0.96 (0.88–1.05)
Kerala	1994	0.96 (0.88–1.05)
Kerala	1995	0.96 (0.89–1.04)
Kerala	1996	0.96 (0.88–1.03)
Kerala	1997	0.96 (0.89–1.03)
Kerala	1998	0.96 (0.89–1.03)
Kerala	1999	0.96 (0.89–1.04)
Kerala	2000	0.97 (0.89–1.05)
Kerala	2001	0.97 (0.89–1.05)
Kerala	2002	0.96 (0.89–1.04)
Kerala	2003	0.96 (0.89–1.03)
Kerala	2004	0.97 (0.9–1.04)
Kerala	2005	0.97 (0.9–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kerala	2006	0.97 (0.89–1.05)
Kerala	2007	0.97 (0.88–1.08)
Kerala	2008	0.98 (0.89–1.09)
Kerala	2009	0.98 (0.89–1.1)
Kerala	2010	1.0 (0.89–1.11)
Kerala	2011	1.01 (0.9–1.13)
Kerala	2012	1.04 (0.92–1.17)
Kerala	2013	1.06 (0.93–1.22)
Kerala	2014	1.05 (0.91–1.22)
Kerala	2015	1.08 (0.92–1.29)
Kerala	2016	1.08 (0.9–1.3)
Kerala	2017	1.08 (0.89–1.31)
Madhya Pradesh	1950	0.89 (0.88–0.9)
Madhya Pradesh	1951	0.88 (0.84–0.91)
Madhya Pradesh	1952	0.87 (0.81–0.93)
Madhya Pradesh	1953	0.87 (0.81–0.95)
Madhya Pradesh	1954	0.86 (0.79–0.94)
Madhya Pradesh	1955	0.86 (0.78–0.94)
Madhya Pradesh	1956	0.87 (0.77–0.97)
Madhya Pradesh	1957	0.89 (0.77–1.01)
Madhya Pradesh	1958	0.92 (0.79–1.04)
Madhya Pradesh	1959	0.93 (0.79–1.07)
Madhya Pradesh	1960	0.96 (0.82–1.11)
Madhya Pradesh	1961	0.98 (0.84–1.13)
Madhya Pradesh	1962	0.98 (0.84–1.12)
Madhya Pradesh	1963	0.98 (0.85–1.12)
Madhya Pradesh	1964	0.99 (0.87–1.11)
Madhya Pradesh	1965	1.02 (0.91–1.13)
Madhya Pradesh	1966	1.03 (0.93–1.12)
Madhya Pradesh	1967	1.04 (0.95–1.14)
Madhya Pradesh	1968	1.02 (0.93–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Madhya Pradesh	1969	1.02 (0.93–1.13)
Madhya Pradesh	1970	1.02 (0.92–1.13)
Madhya Pradesh	1971	1.02 (0.92–1.12)
Madhya Pradesh	1972	1.02 (0.93–1.12)
Madhya Pradesh	1973	1.02 (0.94–1.11)
Madhya Pradesh	1974	1.03 (0.94–1.12)
Madhya Pradesh	1975	1.04 (0.96–1.13)
Madhya Pradesh	1976	1.05 (0.97–1.14)
Madhya Pradesh	1977	1.04 (0.96–1.13)
Madhya Pradesh	1978	1.04 (0.96–1.13)
Madhya Pradesh	1979	1.02 (0.94–1.11)
Madhya Pradesh	1980	1.01 (0.93–1.09)
Madhya Pradesh	1981	1.0 (0.92–1.08)
Madhya Pradesh	1982	0.99 (0.92–1.08)
Madhya Pradesh	1983	0.99 (0.92–1.07)
Madhya Pradesh	1984	0.99 (0.91–1.07)
Madhya Pradesh	1985	0.98 (0.9–1.06)
Madhya Pradesh	1986	0.97 (0.9–1.05)
Madhya Pradesh	1987	0.97 (0.9–1.05)
Madhya Pradesh	1988	0.97 (0.9–1.05)
Madhya Pradesh	1989	0.97 (0.9–1.05)
Madhya Pradesh	1990	0.97 (0.9–1.05)
Madhya Pradesh	1991	0.97 (0.89–1.05)
Madhya Pradesh	1992	0.97 (0.89–1.05)
Madhya Pradesh	1993	0.96 (0.89–1.05)
Madhya Pradesh	1994	0.96 (0.88–1.05)
Madhya Pradesh	1995	0.97 (0.89–1.04)
Madhya Pradesh	1996	0.96 (0.89–1.03)
Madhya Pradesh	1997	0.96 (0.9–1.03)
Madhya Pradesh	1998	0.96 (0.9–1.03)
Madhya Pradesh	1999	0.96 (0.89–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Madhya Pradesh	2000	0.97 (0.9–1.05)
Madhya Pradesh	2001	0.97 (0.9–1.04)
Madhya Pradesh	2002	0.96 (0.9–1.04)
Madhya Pradesh	2003	0.96 (0.9–1.03)
Madhya Pradesh	2004	0.97 (0.9–1.04)
Madhya Pradesh	2005	0.97 (0.91–1.04)
Madhya Pradesh	2006	0.97 (0.89–1.04)
Madhya Pradesh	2007	0.97 (0.88–1.07)
Madhya Pradesh	2008	0.98 (0.89–1.09)
Madhya Pradesh	2009	0.99 (0.89–1.09)
Madhya Pradesh	2010	1.0 (0.9–1.1)
Madhya Pradesh	2011	1.01 (0.9–1.12)
Madhya Pradesh	2012	1.04 (0.92–1.16)
Madhya Pradesh	2013	1.06 (0.93–1.21)
Madhya Pradesh	2014	1.05 (0.92–1.22)
Madhya Pradesh	2015	1.08 (0.92–1.28)
Madhya Pradesh	2016	1.08 (0.9–1.29)
Madhya Pradesh	2017	1.08 (0.89–1.3)
Maharashtra	1950	0.88 (0.88–0.89)
Maharashtra	1951	0.87 (0.83–0.91)
Maharashtra	1952	0.87 (0.81–0.93)
Maharashtra	1953	0.87 (0.8–0.95)
Maharashtra	1954	0.86 (0.78–0.93)
Maharashtra	1955	0.85 (0.76–0.94)
Maharashtra	1956	0.86 (0.76–0.97)
Maharashtra	1957	0.89 (0.76–1.01)
Maharashtra	1958	0.91 (0.78–1.05)
Maharashtra	1959	0.92 (0.78–1.07)
Maharashtra	1960	0.96 (0.81–1.12)
Maharashtra	1961	0.98 (0.83–1.13)
Maharashtra	1962	0.98 (0.83–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Maharashtra	1963	0.98 (0.85–1.12)
Maharashtra	1964	0.99 (0.86–1.11)
Maharashtra	1965	1.02 (0.91–1.13)
Maharashtra	1966	1.03 (0.93–1.13)
Maharashtra	1967	1.04 (0.94–1.14)
Maharashtra	1968	1.03 (0.92–1.13)
Maharashtra	1969	1.02 (0.92–1.14)
Maharashtra	1970	1.02 (0.92–1.13)
Maharashtra	1971	1.02 (0.92–1.13)
Maharashtra	1972	1.02 (0.93–1.12)
Maharashtra	1973	1.03 (0.94–1.12)
Maharashtra	1974	1.03 (0.94–1.12)
Maharashtra	1975	1.05 (0.95–1.14)
Maharashtra	1976	1.05 (0.96–1.15)
Maharashtra	1977	1.05 (0.96–1.14)
Maharashtra	1978	1.04 (0.95–1.14)
Maharashtra	1979	1.02 (0.94–1.12)
Maharashtra	1980	1.01 (0.93–1.09)
Maharashtra	1981	1.0 (0.92–1.09)
Maharashtra	1982	0.99 (0.92–1.08)
Maharashtra	1983	0.99 (0.91–1.08)
Maharashtra	1984	0.99 (0.91–1.07)
Maharashtra	1985	0.98 (0.9–1.06)
Maharashtra	1986	0.97 (0.9–1.05)
Maharashtra	1987	0.97 (0.9–1.05)
Maharashtra	1988	0.97 (0.9–1.06)
Maharashtra	1989	0.97 (0.9–1.05)
Maharashtra	1990	0.97 (0.89–1.05)
Maharashtra	1991	0.97 (0.89–1.06)
Maharashtra	1992	0.97 (0.89–1.05)
Maharashtra	1993	0.96 (0.88–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Maharashtra	1994	0.96 (0.88–1.05)
Maharashtra	1995	0.96 (0.89–1.04)
Maharashtra	1996	0.96 (0.89–1.03)
Maharashtra	1997	0.96 (0.89–1.03)
Maharashtra	1998	0.96 (0.89–1.03)
Maharashtra	1999	0.96 (0.89–1.04)
Maharashtra	2000	0.97 (0.9–1.05)
Maharashtra	2001	0.97 (0.89–1.05)
Maharashtra	2002	0.96 (0.89–1.04)
Maharashtra	2003	0.96 (0.9–1.03)
Maharashtra	2004	0.97 (0.9–1.04)
Maharashtra	2005	0.97 (0.9–1.04)
Maharashtra	2006	0.97 (0.89–1.05)
Maharashtra	2007	0.97 (0.88–1.08)
Maharashtra	2008	0.98 (0.89–1.09)
Maharashtra	2009	0.99 (0.89–1.1)
Maharashtra	2010	1.0 (0.89–1.1)
Maharashtra	2011	1.01 (0.9–1.13)
Maharashtra	2012	1.04 (0.92–1.17)
Maharashtra	2013	1.06 (0.93–1.21)
Maharashtra	2014	1.05 (0.91–1.22)
Maharashtra	2015	1.08 (0.92–1.29)
Maharashtra	2016	1.08 (0.9–1.3)
Maharashtra	2017	1.08 (0.89–1.3)
Manipur	1950	0.88 (0.87–0.89)
Manipur	1951	0.87 (0.82–0.91)
Manipur	1952	0.86 (0.8–0.93)
Manipur	1953	0.86 (0.79–0.94)
Manipur	1954	0.85 (0.78–0.93)
Manipur	1955	0.85 (0.76–0.94)
Manipur	1956	0.86 (0.75–0.97)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Manipur	1957	0.88 (0.76–1.01)
Manipur	1958	0.91 (0.77–1.05)
Manipur	1959	0.92 (0.78–1.07)
Manipur	1960	0.96 (0.81–1.12)
Manipur	1961	0.97 (0.83–1.14)
Manipur	1962	0.97 (0.83–1.13)
Manipur	1963	0.98 (0.84–1.13)
Manipur	1964	0.99 (0.86–1.12)
Manipur	1965	1.02 (0.91–1.14)
Manipur	1966	1.03 (0.93–1.13)
Manipur	1967	1.04 (0.94–1.15)
Manipur	1968	1.03 (0.92–1.13)
Manipur	1969	1.03 (0.92–1.14)
Manipur	1970	1.02 (0.92–1.14)
Manipur	1971	1.02 (0.92–1.13)
Manipur	1972	1.02 (0.92–1.13)
Manipur	1973	1.03 (0.94–1.12)
Manipur	1974	1.03 (0.94–1.13)
Manipur	1975	1.05 (0.95–1.14)
Manipur	1976	1.05 (0.96–1.15)
Manipur	1977	1.05 (0.96–1.14)
Manipur	1978	1.04 (0.95–1.14)
Manipur	1979	1.02 (0.94–1.12)
Manipur	1980	1.01 (0.93–1.09)
Manipur	1981	1.0 (0.92–1.09)
Manipur	1982	0.99 (0.91–1.08)
Manipur	1983	0.99 (0.91–1.08)
Manipur	1984	0.99 (0.91–1.07)
Manipur	1985	0.98 (0.9–1.06)
Manipur	1986	0.97 (0.9–1.05)
Manipur	1987	0.97 (0.9–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Manipur	1988	0.97 (0.9–1.06)
Manipur	1989	0.97 (0.9–1.05)
Manipur	1990	0.97 (0.89–1.05)
Manipur	1991	0.97 (0.89–1.06)
Manipur	1992	0.97 (0.89–1.05)
Manipur	1993	0.96 (0.88–1.05)
Manipur	1994	0.96 (0.88–1.05)
Manipur	1995	0.96 (0.89–1.04)
Manipur	1996	0.96 (0.89–1.03)
Manipur	1997	0.96 (0.89–1.03)
Manipur	1998	0.96 (0.89–1.03)
Manipur	1999	0.96 (0.89–1.04)
Manipur	2000	0.97 (0.89–1.05)
Manipur	2001	0.97 (0.89–1.05)
Manipur	2002	0.96 (0.89–1.04)
Manipur	2003	0.96 (0.9–1.03)
Manipur	2004	0.97 (0.9–1.04)
Manipur	2005	0.97 (0.9–1.04)
Manipur	2006	0.97 (0.89–1.05)
Manipur	2007	0.97 (0.88–1.08)
Manipur	2008	0.98 (0.89–1.09)
Manipur	2009	0.99 (0.89–1.1)
Manipur	2010	1.0 (0.89–1.1)
Manipur	2011	1.01 (0.9–1.13)
Manipur	2012	1.04 (0.92–1.17)
Manipur	2013	1.06 (0.93–1.22)
Manipur	2014	1.05 (0.91–1.22)
Manipur	2015	1.08 (0.92–1.29)
Manipur	2016	1.08 (0.9–1.3)
Manipur	2017	1.08 (0.89–1.3)
Meghalaya	1950	0.88 (0.87–0.89)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Meghalaya	1951	0.86 (0.82–0.9)
Meghalaya	1952	0.86 (0.79–0.92)
Meghalaya	1953	0.86 (0.79–0.94)
Meghalaya	1954	0.85 (0.77–0.93)
Meghalaya	1955	0.85 (0.75–0.94)
Meghalaya	1956	0.86 (0.75–0.97)
Meghalaya	1957	0.88 (0.75–1.01)
Meghalaya	1958	0.91 (0.77–1.05)
Meghalaya	1959	0.92 (0.77–1.07)
Meghalaya	1960	0.96 (0.8–1.12)
Meghalaya	1961	0.97 (0.83–1.14)
Meghalaya	1962	0.97 (0.82–1.13)
Meghalaya	1963	0.98 (0.84–1.13)
Meghalaya	1964	0.99 (0.86–1.12)
Meghalaya	1965	1.02 (0.9–1.14)
Meghalaya	1966	1.03 (0.93–1.13)
Meghalaya	1967	1.04 (0.94–1.15)
Meghalaya	1968	1.03 (0.92–1.14)
Meghalaya	1969	1.03 (0.92–1.14)
Meghalaya	1970	1.02 (0.92–1.14)
Meghalaya	1971	1.02 (0.92–1.13)
Meghalaya	1972	1.02 (0.92–1.13)
Meghalaya	1973	1.03 (0.93–1.12)
Meghalaya	1974	1.03 (0.94–1.13)
Meghalaya	1975	1.05 (0.95–1.14)
Meghalaya	1976	1.05 (0.96–1.15)
Meghalaya	1977	1.05 (0.96–1.14)
Meghalaya	1978	1.04 (0.95–1.14)
Meghalaya	1979	1.02 (0.94–1.12)
Meghalaya	1980	1.01 (0.93–1.09)
Meghalaya	1981	1.0 (0.92–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Meghalaya	1982	0.99 (0.92–1.08)
Meghalaya	1983	0.99 (0.91–1.08)
Meghalaya	1984	0.99 (0.91–1.07)
Meghalaya	1985	0.98 (0.9–1.06)
Meghalaya	1986	0.97 (0.9–1.05)
Meghalaya	1987	0.97 (0.9–1.05)
Meghalaya	1988	0.97 (0.9–1.05)
Meghalaya	1989	0.97 (0.9–1.05)
Meghalaya	1990	0.97 (0.89–1.05)
Meghalaya	1991	0.97 (0.89–1.06)
Meghalaya	1992	0.97 (0.89–1.05)
Meghalaya	1993	0.96 (0.88–1.05)
Meghalaya	1994	0.96 (0.88–1.05)
Meghalaya	1995	0.96 (0.89–1.04)
Meghalaya	1996	0.96 (0.89–1.03)
Meghalaya	1997	0.96 (0.89–1.03)
Meghalaya	1998	0.96 (0.89–1.03)
Meghalaya	1999	0.96 (0.89–1.04)
Meghalaya	2000	0.97 (0.9–1.05)
Meghalaya	2001	0.97 (0.89–1.05)
Meghalaya	2002	0.96 (0.89–1.04)
Meghalaya	2003	0.96 (0.9–1.03)
Meghalaya	2004	0.97 (0.9–1.04)
Meghalaya	2005	0.97 (0.9–1.04)
Meghalaya	2006	0.97 (0.89–1.05)
Meghalaya	2007	0.97 (0.88–1.08)
Meghalaya	2008	0.98 (0.89–1.09)
Meghalaya	2009	0.99 (0.89–1.1)
Meghalaya	2010	1.0 (0.89–1.1)
Meghalaya	2011	1.01 (0.9–1.13)
Meghalaya	2012	1.04 (0.92–1.16)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Meghalaya	2013	1.06 (0.93–1.21)
Meghalaya	2014	1.05 (0.92–1.22)
Meghalaya	2015	1.08 (0.92–1.28)
Meghalaya	2016	1.08 (0.9–1.29)
Meghalaya	2017	1.08 (0.89–1.3)
Mizoram	1950	0.87 (0.86–0.88)
Mizoram	1951	0.86 (0.81–0.9)
Mizoram	1952	0.86 (0.79–0.92)
Mizoram	1953	0.86 (0.78–0.94)
Mizoram	1954	0.85 (0.77–0.93)
Mizoram	1955	0.84 (0.75–0.94)
Mizoram	1956	0.85 (0.74–0.97)
Mizoram	1957	0.88 (0.75–1.01)
Mizoram	1958	0.91 (0.76–1.05)
Mizoram	1959	0.92 (0.77–1.07)
Mizoram	1960	0.96 (0.8–1.13)
Mizoram	1961	0.97 (0.82–1.14)
Mizoram	1962	0.97 (0.82–1.14)
Mizoram	1963	0.98 (0.84–1.13)
Mizoram	1964	0.99 (0.86–1.12)
Mizoram	1965	1.02 (0.9–1.14)
Mizoram	1966	1.03 (0.93–1.14)
Mizoram	1967	1.05 (0.94–1.15)
Mizoram	1968	1.03 (0.92–1.14)
Mizoram	1969	1.03 (0.92–1.14)
Mizoram	1970	1.02 (0.91–1.14)
Mizoram	1971	1.02 (0.92–1.13)
Mizoram	1972	1.02 (0.92–1.13)
Mizoram	1973	1.03 (0.93–1.12)
Mizoram	1974	1.03 (0.94–1.13)
Mizoram	1975	1.05 (0.95–1.15)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mizoram	1976	1.05 (0.96–1.15)
Mizoram	1977	1.05 (0.96–1.15)
Mizoram	1978	1.04 (0.95–1.15)
Mizoram	1979	1.02 (0.94–1.13)
Mizoram	1980	1.01 (0.93–1.1)
Mizoram	1981	1.0 (0.92–1.09)
Mizoram	1982	0.99 (0.91–1.08)
Mizoram	1983	0.99 (0.91–1.08)
Mizoram	1984	0.99 (0.91–1.07)
Mizoram	1985	0.98 (0.9–1.06)
Mizoram	1986	0.97 (0.89–1.05)
Mizoram	1987	0.97 (0.9–1.05)
Mizoram	1988	0.97 (0.9–1.06)
Mizoram	1989	0.97 (0.9–1.05)
Mizoram	1990	0.97 (0.89–1.05)
Mizoram	1991	0.97 (0.89–1.06)
Mizoram	1992	0.97 (0.89–1.05)
Mizoram	1993	0.96 (0.88–1.05)
Mizoram	1994	0.96 (0.88–1.05)
Mizoram	1995	0.96 (0.89–1.04)
Mizoram	1996	0.96 (0.89–1.03)
Mizoram	1997	0.96 (0.89–1.03)
Mizoram	1998	0.96 (0.89–1.03)
Mizoram	1999	0.96 (0.89–1.04)
Mizoram	2000	0.97 (0.89–1.05)
Mizoram	2001	0.97 (0.89–1.05)
Mizoram	2002	0.96 (0.89–1.04)
Mizoram	2003	0.96 (0.9–1.03)
Mizoram	2004	0.97 (0.9–1.04)
Mizoram	2005	0.97 (0.9–1.04)
Mizoram	2006	0.97 (0.89–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mizoram	2007	0.97 (0.88–1.08)
Mizoram	2008	0.98 (0.89–1.09)
Mizoram	2009	0.99 (0.89–1.1)
Mizoram	2010	1.0 (0.89–1.1)
Mizoram	2011	1.01 (0.9–1.13)
Mizoram	2012	1.04 (0.92–1.17)
Mizoram	2013	1.06 (0.93–1.21)
Mizoram	2014	1.05 (0.92–1.22)
Mizoram	2015	1.08 (0.92–1.29)
Mizoram	2016	1.08 (0.9–1.3)
Mizoram	2017	1.08 (0.89–1.3)
Nagaland	1950	0.88 (0.87–0.89)
Nagaland	1951	0.87 (0.83–0.91)
Nagaland	1952	0.87 (0.8–0.93)
Nagaland	1953	0.87 (0.8–0.94)
Nagaland	1954	0.86 (0.78–0.93)
Nagaland	1955	0.85 (0.76–0.94)
Nagaland	1956	0.86 (0.76–0.97)
Nagaland	1957	0.89 (0.76–1.01)
Nagaland	1958	0.91 (0.78–1.05)
Nagaland	1959	0.92 (0.78–1.07)
Nagaland	1960	0.96 (0.81–1.12)
Nagaland	1961	0.98 (0.83–1.14)
Nagaland	1962	0.97 (0.83–1.13)
Nagaland	1963	0.98 (0.84–1.12)
Nagaland	1964	0.99 (0.86–1.12)
Nagaland	1965	1.02 (0.91–1.14)
Nagaland	1966	1.03 (0.93–1.13)
Nagaland	1967	1.04 (0.94–1.15)
Nagaland	1968	1.03 (0.92–1.13)
Nagaland	1969	1.03 (0.92–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nagaland	1970	1.02 (0.92–1.13)
Nagaland	1971	1.02 (0.92–1.13)
Nagaland	1972	1.02 (0.93–1.13)
Nagaland	1973	1.03 (0.94–1.12)
Nagaland	1974	1.03 (0.94–1.13)
Nagaland	1975	1.05 (0.95–1.14)
Nagaland	1976	1.05 (0.96–1.15)
Nagaland	1977	1.05 (0.96–1.14)
Nagaland	1978	1.04 (0.95–1.14)
Nagaland	1979	1.02 (0.94–1.12)
Nagaland	1980	1.01 (0.93–1.09)
Nagaland	1981	1.0 (0.92–1.09)
Nagaland	1982	0.99 (0.91–1.08)
Nagaland	1983	0.99 (0.91–1.08)
Nagaland	1984	0.99 (0.91–1.07)
Nagaland	1985	0.98 (0.9–1.06)
Nagaland	1986	0.97 (0.9–1.05)
Nagaland	1987	0.97 (0.9–1.05)
Nagaland	1988	0.97 (0.9–1.06)
Nagaland	1989	0.97 (0.9–1.05)
Nagaland	1990	0.97 (0.89–1.05)
Nagaland	1991	0.97 (0.89–1.06)
Nagaland	1992	0.97 (0.89–1.05)
Nagaland	1993	0.96 (0.88–1.05)
Nagaland	1994	0.96 (0.88–1.05)
Nagaland	1995	0.96 (0.89–1.04)
Nagaland	1996	0.96 (0.89–1.03)
Nagaland	1997	0.96 (0.89–1.03)
Nagaland	1998	0.96 (0.89–1.03)
Nagaland	1999	0.96 (0.89–1.04)
Nagaland	2000	0.97 (0.9–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nagaland	2001	0.97 (0.89–1.05)
Nagaland	2002	0.96 (0.89–1.04)
Nagaland	2003	0.96 (0.9–1.03)
Nagaland	2004	0.97 (0.9–1.04)
Nagaland	2005	0.97 (0.9–1.04)
Nagaland	2006	0.97 (0.89–1.05)
Nagaland	2007	0.97 (0.88–1.08)
Nagaland	2008	0.98 (0.89–1.09)
Nagaland	2009	0.99 (0.89–1.1)
Nagaland	2010	1.0 (0.89–1.1)
Nagaland	2011	1.01 (0.9–1.13)
Nagaland	2012	1.04 (0.92–1.17)
Nagaland	2013	1.06 (0.93–1.21)
Nagaland	2014	1.05 (0.92–1.22)
Nagaland	2015	1.08 (0.92–1.29)
Nagaland	2016	1.08 (0.9–1.3)
Nagaland	2017	1.08 (0.89–1.3)
Odisha	1950	0.89 (0.88–0.9)
Odisha	1951	0.88 (0.84–0.91)
Odisha	1952	0.87 (0.81–0.93)
Odisha	1953	0.88 (0.81–0.95)
Odisha	1954	0.87 (0.79–0.94)
Odisha	1955	0.86 (0.78–0.94)
Odisha	1956	0.87 (0.77–0.97)
Odisha	1957	0.89 (0.77–1.01)
Odisha	1958	0.92 (0.79–1.04)
Odisha	1959	0.93 (0.79–1.07)
Odisha	1960	0.96 (0.82–1.11)
Odisha	1961	0.98 (0.84–1.13)
Odisha	1962	0.98 (0.84–1.12)
Odisha	1963	0.98 (0.86–1.11)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Odisha	1964	0.99 (0.87–1.11)
Odisha	1965	1.02 (0.91–1.13)
Odisha	1966	1.03 (0.93–1.12)
Odisha	1967	1.04 (0.95–1.13)
Odisha	1968	1.02 (0.93–1.12)
Odisha	1969	1.02 (0.93–1.13)
Odisha	1970	1.02 (0.92–1.13)
Odisha	1971	1.02 (0.92–1.12)
Odisha	1972	1.02 (0.93–1.12)
Odisha	1973	1.02 (0.94–1.11)
Odisha	1974	1.03 (0.94–1.12)
Odisha	1975	1.04 (0.96–1.13)
Odisha	1976	1.05 (0.96–1.14)
Odisha	1977	1.04 (0.96–1.14)
Odisha	1978	1.04 (0.95–1.14)
Odisha	1979	1.02 (0.94–1.12)
Odisha	1980	1.01 (0.93–1.09)
Odisha	1981	1.0 (0.92–1.08)
Odisha	1982	0.99 (0.92–1.08)
Odisha	1983	0.99 (0.92–1.07)
Odisha	1984	0.99 (0.91–1.07)
Odisha	1985	0.98 (0.9–1.06)
Odisha	1986	0.97 (0.9–1.05)
Odisha	1987	0.97 (0.9–1.05)
Odisha	1988	0.97 (0.9–1.05)
Odisha	1989	0.97 (0.9–1.05)
Odisha	1990	0.97 (0.9–1.05)
Odisha	1991	0.97 (0.89–1.05)
Odisha	1992	0.97 (0.89–1.05)
Odisha	1993	0.96 (0.89–1.05)
Odisha	1994	0.96 (0.88–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Odisha	1995	0.97 (0.89–1.04)
Odisha	1996	0.96 (0.89–1.03)
Odisha	1997	0.96 (0.9–1.03)
Odisha	1998	0.96 (0.9–1.03)
Odisha	1999	0.96 (0.89–1.04)
Odisha	2000	0.97 (0.9–1.05)
Odisha	2001	0.97 (0.9–1.05)
Odisha	2002	0.96 (0.9–1.04)
Odisha	2003	0.96 (0.9–1.03)
Odisha	2004	0.97 (0.9–1.04)
Odisha	2005	0.97 (0.9–1.04)
Odisha	2006	0.97 (0.89–1.04)
Odisha	2007	0.97 (0.88–1.07)
Odisha	2008	0.98 (0.89–1.09)
Odisha	2009	0.99 (0.89–1.09)
Odisha	2010	1.0 (0.89–1.1)
Odisha	2011	1.01 (0.9–1.12)
Odisha	2012	1.04 (0.92–1.16)
Odisha	2013	1.06 (0.93–1.21)
Odisha	2014	1.05 (0.92–1.22)
Odisha	2015	1.08 (0.92–1.28)
Odisha	2016	1.08 (0.9–1.29)
Odisha	2017	1.08 (0.89–1.3)
Punjab	1950	0.88 (0.87–0.89)
Punjab	1951	0.86 (0.82–0.91)
Punjab	1952	0.86 (0.8–0.93)
Punjab	1953	0.86 (0.79–0.94)
Punjab	1954	0.85 (0.77–0.93)
Punjab	1955	0.85 (0.76–0.94)
Punjab	1956	0.86 (0.75–0.97)
Punjab	1957	0.88 (0.75–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Punjab	1958	0.91 (0.77–1.05)
Punjab	1959	0.92 (0.77–1.07)
Punjab	1960	0.96 (0.8–1.12)
Punjab	1961	0.97 (0.83–1.14)
Punjab	1962	0.97 (0.82–1.13)
Punjab	1963	0.98 (0.84–1.13)
Punjab	1964	0.99 (0.86–1.12)
Punjab	1965	1.02 (0.9–1.14)
Punjab	1966	1.03 (0.93–1.13)
Punjab	1967	1.04 (0.94–1.15)
Punjab	1968	1.03 (0.92–1.14)
Punjab	1969	1.03 (0.92–1.14)
Punjab	1970	1.02 (0.92–1.14)
Punjab	1971	1.02 (0.92–1.13)
Punjab	1972	1.02 (0.92–1.13)
Punjab	1973	1.03 (0.93–1.12)
Punjab	1974	1.03 (0.94–1.13)
Punjab	1975	1.05 (0.95–1.14)
Punjab	1976	1.05 (0.96–1.15)
Punjab	1977	1.05 (0.96–1.15)
Punjab	1978	1.04 (0.95–1.14)
Punjab	1979	1.02 (0.94–1.12)
Punjab	1980	1.01 (0.93–1.09)
Punjab	1981	1.0 (0.92–1.09)
Punjab	1982	0.99 (0.91–1.08)
Punjab	1983	0.99 (0.91–1.08)
Punjab	1984	0.99 (0.91–1.07)
Punjab	1985	0.98 (0.9–1.06)
Punjab	1986	0.97 (0.9–1.05)
Punjab	1987	0.97 (0.9–1.05)
Punjab	1988	0.97 (0.9–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Punjab	1989	0.97 (0.9–1.05)
Punjab	1990	0.97 (0.89–1.05)
Punjab	1991	0.97 (0.89–1.06)
Punjab	1992	0.97 (0.89–1.05)
Punjab	1993	0.96 (0.88–1.05)
Punjab	1994	0.96 (0.88–1.05)
Punjab	1995	0.96 (0.89–1.04)
Punjab	1996	0.96 (0.89–1.03)
Punjab	1997	0.96 (0.89–1.03)
Punjab	1998	0.96 (0.89–1.03)
Punjab	1999	0.96 (0.89–1.04)
Punjab	2000	0.97 (0.9–1.05)
Punjab	2001	0.97 (0.89–1.05)
Punjab	2002	0.96 (0.89–1.04)
Punjab	2003	0.96 (0.9–1.03)
Punjab	2004	0.97 (0.9–1.04)
Punjab	2005	0.97 (0.9–1.04)
Punjab	2006	0.97 (0.89–1.05)
Punjab	2007	0.97 (0.88–1.08)
Punjab	2008	0.98 (0.89–1.09)
Punjab	2009	0.99 (0.89–1.1)
Punjab	2010	1.0 (0.89–1.1)
Punjab	2011	1.01 (0.9–1.13)
Punjab	2012	1.04 (0.92–1.17)
Punjab	2013	1.06 (0.93–1.21)
Punjab	2014	1.05 (0.91–1.22)
Punjab	2015	1.08 (0.92–1.29)
Punjab	2016	1.08 (0.9–1.3)
Punjab	2017	1.08 (0.89–1.3)
Rajasthan	1950	0.89 (0.88–0.89)
Rajasthan	1951	0.87 (0.83–0.91)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rajasthan	1952	0.87 (0.81–0.93)
Rajasthan	1953	0.87 (0.8–0.95)
Rajasthan	1954	0.86 (0.79–0.94)
Rajasthan	1955	0.86 (0.77–0.94)
Rajasthan	1956	0.87 (0.77–0.97)
Rajasthan	1957	0.89 (0.77–1.01)
Rajasthan	1958	0.91 (0.79–1.05)
Rajasthan	1959	0.92 (0.79–1.07)
Rajasthan	1960	0.96 (0.82–1.11)
Rajasthan	1961	0.98 (0.84–1.13)
Rajasthan	1962	0.98 (0.83–1.12)
Rajasthan	1963	0.98 (0.85–1.12)
Rajasthan	1964	0.99 (0.87–1.11)
Rajasthan	1965	1.02 (0.91–1.13)
Rajasthan	1966	1.03 (0.93–1.12)
Rajasthan	1967	1.04 (0.95–1.14)
Rajasthan	1968	1.02 (0.93–1.13)
Rajasthan	1969	1.02 (0.93–1.13)
Rajasthan	1970	1.02 (0.92–1.13)
Rajasthan	1971	1.02 (0.92–1.12)
Rajasthan	1972	1.02 (0.93–1.12)
Rajasthan	1973	1.03 (0.94–1.12)
Rajasthan	1974	1.03 (0.94–1.12)
Rajasthan	1975	1.04 (0.96–1.14)
Rajasthan	1976	1.05 (0.96–1.14)
Rajasthan	1977	1.04 (0.96–1.14)
Rajasthan	1978	1.04 (0.95–1.14)
Rajasthan	1979	1.02 (0.94–1.12)
Rajasthan	1980	1.01 (0.93–1.09)
Rajasthan	1981	1.0 (0.92–1.08)
Rajasthan	1982	0.99 (0.92–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rajasthan	1983	0.99 (0.91–1.07)
Rajasthan	1984	0.99 (0.91–1.07)
Rajasthan	1985	0.98 (0.9–1.06)
Rajasthan	1986	0.97 (0.9–1.05)
Rajasthan	1987	0.97 (0.9–1.05)
Rajasthan	1988	0.97 (0.9–1.05)
Rajasthan	1989	0.97 (0.9–1.05)
Rajasthan	1990	0.97 (0.9–1.05)
Rajasthan	1991	0.97 (0.89–1.05)
Rajasthan	1992	0.97 (0.89–1.05)
Rajasthan	1993	0.96 (0.89–1.05)
Rajasthan	1994	0.96 (0.88–1.05)
Rajasthan	1995	0.97 (0.89–1.04)
Rajasthan	1996	0.96 (0.89–1.03)
Rajasthan	1997	0.96 (0.89–1.03)
Rajasthan	1998	0.96 (0.9–1.03)
Rajasthan	1999	0.96 (0.89–1.04)
Rajasthan	2000	0.97 (0.9–1.05)
Rajasthan	2001	0.97 (0.9–1.05)
Rajasthan	2002	0.96 (0.9–1.04)
Rajasthan	2003	0.96 (0.9–1.03)
Rajasthan	2004	0.97 (0.9–1.04)
Rajasthan	2005	0.97 (0.91–1.04)
Rajasthan	2006	0.97 (0.89–1.04)
Rajasthan	2007	0.97 (0.88–1.07)
Rajasthan	2008	0.98 (0.89–1.09)
Rajasthan	2009	0.99 (0.89–1.1)
Rajasthan	2010	1.0 (0.89–1.1)
Rajasthan	2011	1.01 (0.9–1.12)
Rajasthan	2012	1.04 (0.92–1.16)
Rajasthan	2013	1.06 (0.93–1.21)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Rajasthan	2014	1.05 (0.92–1.22)
Rajasthan	2015	1.08 (0.92–1.28)
Rajasthan	2016	1.08 (0.9–1.29)
Rajasthan	2017	1.08 (0.89–1.3)
Sikkim	1950	0.88 (0.87–0.89)
Sikkim	1951	0.87 (0.82–0.91)
Sikkim	1952	0.86 (0.8–0.93)
Sikkim	1953	0.87 (0.79–0.94)
Sikkim	1954	0.85 (0.78–0.93)
Sikkim	1955	0.85 (0.76–0.94)
Sikkim	1956	0.86 (0.75–0.97)
Sikkim	1957	0.89 (0.76–1.01)
Sikkim	1958	0.91 (0.77–1.05)
Sikkim	1959	0.92 (0.78–1.07)
Sikkim	1960	0.96 (0.81–1.12)
Sikkim	1961	0.97 (0.83–1.14)
Sikkim	1962	0.97 (0.83–1.13)
Sikkim	1963	0.98 (0.84–1.12)
Sikkim	1964	0.99 (0.86–1.12)
Sikkim	1965	1.02 (0.91–1.14)
Sikkim	1966	1.03 (0.93–1.13)
Sikkim	1967	1.04 (0.94–1.15)
Sikkim	1968	1.03 (0.92–1.13)
Sikkim	1969	1.03 (0.92–1.14)
Sikkim	1970	1.02 (0.92–1.13)
Sikkim	1971	1.02 (0.92–1.13)
Sikkim	1972	1.02 (0.93–1.12)
Sikkim	1973	1.03 (0.94–1.12)
Sikkim	1974	1.03 (0.94–1.12)
Sikkim	1975	1.05 (0.95–1.14)
Sikkim	1976	1.05 (0.96–1.15)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sikkim	1977	1.05 (0.96–1.14)
Sikkim	1978	1.04 (0.95–1.14)
Sikkim	1979	1.02 (0.94–1.12)
Sikkim	1980	1.01 (0.93–1.09)
Sikkim	1981	1.0 (0.92–1.09)
Sikkim	1982	0.99 (0.91–1.08)
Sikkim	1983	0.99 (0.91–1.08)
Sikkim	1984	0.99 (0.91–1.07)
Sikkim	1985	0.98 (0.9–1.06)
Sikkim	1986	0.97 (0.9–1.05)
Sikkim	1987	0.97 (0.9–1.05)
Sikkim	1988	0.97 (0.9–1.06)
Sikkim	1989	0.97 (0.9–1.05)
Sikkim	1990	0.97 (0.89–1.05)
Sikkim	1991	0.97 (0.89–1.06)
Sikkim	1992	0.97 (0.89–1.05)
Sikkim	1993	0.96 (0.88–1.05)
Sikkim	1994	0.96 (0.88–1.05)
Sikkim	1995	0.96 (0.89–1.04)
Sikkim	1996	0.96 (0.89–1.03)
Sikkim	1997	0.96 (0.89–1.03)
Sikkim	1998	0.96 (0.89–1.03)
Sikkim	1999	0.96 (0.89–1.04)
Sikkim	2000	0.97 (0.9–1.05)
Sikkim	2001	0.97 (0.89–1.05)
Sikkim	2002	0.96 (0.89–1.04)
Sikkim	2003	0.96 (0.9–1.03)
Sikkim	2004	0.97 (0.9–1.04)
Sikkim	2005	0.97 (0.9–1.04)
Sikkim	2006	0.97 (0.89–1.05)
Sikkim	2007	0.97 (0.88–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Sikkim	2008	0.98 (0.89–1.09)
Sikkim	2009	0.99 (0.89–1.1)
Sikkim	2010	1.0 (0.89–1.1)
Sikkim	2011	1.01 (0.9–1.13)
Sikkim	2012	1.04 (0.92–1.17)
Sikkim	2013	1.06 (0.93–1.22)
Sikkim	2014	1.05 (0.91–1.22)
Sikkim	2015	1.08 (0.92–1.29)
Sikkim	2016	1.08 (0.9–1.3)
Sikkim	2017	1.08 (0.89–1.3)
Tamil Nadu	1950	0.89 (0.88–0.89)
Tamil Nadu	1951	0.87 (0.83–0.91)
Tamil Nadu	1952	0.87 (0.81–0.93)
Tamil Nadu	1953	0.87 (0.8–0.95)
Tamil Nadu	1954	0.86 (0.78–0.94)
Tamil Nadu	1955	0.86 (0.77–0.94)
Tamil Nadu	1956	0.87 (0.76–0.97)
Tamil Nadu	1957	0.89 (0.77–1.01)
Tamil Nadu	1958	0.91 (0.78–1.05)
Tamil Nadu	1959	0.92 (0.79–1.07)
Tamil Nadu	1960	0.96 (0.81–1.12)
Tamil Nadu	1961	0.98 (0.84–1.13)
Tamil Nadu	1962	0.98 (0.83–1.13)
Tamil Nadu	1963	0.98 (0.85–1.12)
Tamil Nadu	1964	0.99 (0.87–1.11)
Tamil Nadu	1965	1.02 (0.91–1.13)
Tamil Nadu	1966	1.03 (0.93–1.13)
Tamil Nadu	1967	1.04 (0.95–1.14)
Tamil Nadu	1968	1.03 (0.93–1.13)
Tamil Nadu	1969	1.02 (0.93–1.13)
Tamil Nadu	1970	1.02 (0.92–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tamil Nadu	1971	1.02 (0.92–1.12)
Tamil Nadu	1972	1.02 (0.93–1.12)
Tamil Nadu	1973	1.03 (0.94–1.12)
Tamil Nadu	1974	1.03 (0.94–1.12)
Tamil Nadu	1975	1.04 (0.95–1.14)
Tamil Nadu	1976	1.05 (0.96–1.15)
Tamil Nadu	1977	1.04 (0.96–1.14)
Tamil Nadu	1978	1.04 (0.95–1.14)
Tamil Nadu	1979	1.02 (0.94–1.12)
Tamil Nadu	1980	1.01 (0.93–1.09)
Tamil Nadu	1981	1.0 (0.92–1.09)
Tamil Nadu	1982	0.99 (0.92–1.08)
Tamil Nadu	1983	0.99 (0.91–1.08)
Tamil Nadu	1984	0.99 (0.91–1.07)
Tamil Nadu	1985	0.98 (0.9–1.06)
Tamil Nadu	1986	0.97 (0.9–1.05)
Tamil Nadu	1987	0.97 (0.9–1.05)
Tamil Nadu	1988	0.97 (0.9–1.06)
Tamil Nadu	1989	0.97 (0.9–1.05)
Tamil Nadu	1990	0.97 (0.89–1.05)
Tamil Nadu	1991	0.97 (0.89–1.06)
Tamil Nadu	1992	0.97 (0.89–1.05)
Tamil Nadu	1993	0.96 (0.88–1.05)
Tamil Nadu	1994	0.96 (0.88–1.05)
Tamil Nadu	1995	0.96 (0.89–1.04)
Tamil Nadu	1996	0.96 (0.89–1.03)
Tamil Nadu	1997	0.96 (0.89–1.03)
Tamil Nadu	1998	0.96 (0.89–1.03)
Tamil Nadu	1999	0.96 (0.89–1.04)
Tamil Nadu	2000	0.97 (0.9–1.05)
Tamil Nadu	2001	0.97 (0.89–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tamil Nadu	2002	0.96 (0.89–1.04)
Tamil Nadu	2003	0.96 (0.9–1.03)
Tamil Nadu	2004	0.97 (0.9–1.04)
Tamil Nadu	2005	0.97 (0.9–1.04)
Tamil Nadu	2006	0.97 (0.89–1.05)
Tamil Nadu	2007	0.97 (0.88–1.08)
Tamil Nadu	2008	0.98 (0.89–1.09)
Tamil Nadu	2009	0.98 (0.89–1.1)
Tamil Nadu	2010	1.0 (0.89–1.1)
Tamil Nadu	2011	1.01 (0.9–1.13)
Tamil Nadu	2012	1.04 (0.92–1.17)
Tamil Nadu	2013	1.06 (0.93–1.22)
Tamil Nadu	2014	1.05 (0.91–1.22)
Tamil Nadu	2015	1.08 (0.92–1.29)
Tamil Nadu	2016	1.08 (0.9–1.3)
Tamil Nadu	2017	1.08 (0.89–1.3)
Telangana	1950	1.19 (1.17–1.22)
Telangana	1951	1.18 (1.1–1.26)
Telangana	1952	1.17 (1.04–1.3)
Telangana	1953	1.17 (0.99–1.37)
Telangana	1954	1.16 (0.93–1.4)
Telangana	1955	1.15 (0.91–1.43)
Telangana	1956	1.17 (0.89–1.5)
Telangana	1957	1.2 (0.89–1.56)
Telangana	1958	1.24 (0.89–1.63)
Telangana	1959	1.25 (0.89–1.68)
Telangana	1960	1.31 (0.92–1.73)
Telangana	1961	1.32 (0.95–1.77)
Telangana	1962	1.32 (0.94–1.77)
Telangana	1963	1.34 (0.96–1.8)
Telangana	1964	1.34 (0.98–1.78)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Telangana	1965	1.38 (1.01–1.81)
Telangana	1966	1.39 (1.02–1.8)
Telangana	1967	1.41 (1.05–1.8)
Telangana	1968	1.4 (1.07–1.76)
Telangana	1969	1.41 (1.1–1.75)
Telangana	1970	1.41 (1.11–1.73)
Telangana	1971	1.42 (1.14–1.74)
Telangana	1972	1.43 (1.15–1.75)
Telangana	1973	1.45 (1.16–1.78)
Telangana	1974	1.45 (1.17–1.77)
Telangana	1975	1.46 (1.17–1.77)
Telangana	1976	1.44 (1.18–1.76)
Telangana	1977	1.42 (1.18–1.71)
Telangana	1978	1.4 (1.17–1.68)
Telangana	1979	1.36 (1.15–1.63)
Telangana	1980	1.31 (1.1–1.56)
Telangana	1981	1.28 (1.09–1.51)
Telangana	1982	1.26 (1.07–1.49)
Telangana	1983	1.24 (1.06–1.46)
Telangana	1984	1.22 (1.04–1.43)
Telangana	1985	1.2 (1.03–1.4)
Telangana	1986	1.19 (1.01–1.39)
Telangana	1987	1.19 (1.02–1.38)
Telangana	1988	1.19 (1.04–1.36)
Telangana	1989	1.19 (1.05–1.35)
Telangana	1990	1.2 (1.06–1.35)
Telangana	1991	1.2 (1.05–1.37)
Telangana	1992	1.21 (1.05–1.39)
Telangana	1993	1.2 (1.04–1.4)
Telangana	1994	1.2 (1.03–1.4)
Telangana	1995	1.21 (1.04–1.42)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Telangana	1996	1.21 (1.03–1.4)
Telangana	1997	1.21 (1.04–1.4)
Telangana	1998	1.21 (1.06–1.37)
Telangana	1999	1.2 (1.07–1.34)
Telangana	2000	1.2 (1.1–1.32)
Telangana	2001	1.19 (1.09–1.31)
Telangana	2002	1.18 (1.07–1.31)
Telangana	2003	1.18 (1.04–1.32)
Telangana	2004	1.17 (1.01–1.34)
Telangana	2005	1.17 (1.0–1.36)
Telangana	2006	1.16 (0.96–1.38)
Telangana	2007	1.16 (0.94–1.41)
Telangana	2008	1.17 (0.94–1.45)
Telangana	2009	1.17 (0.93–1.48)
Telangana	2010	1.19 (0.93–1.51)
Telangana	2011	1.2 (0.93–1.52)
Telangana	2012	1.19 (0.91–1.55)
Telangana	2013	1.21 (0.9–1.59)
Telangana	2014	1.21 (0.88–1.64)
Telangana	2015	1.24 (0.88–1.77)
Telangana	2016	1.24 (0.84–1.79)
Telangana	2017	1.24 (0.82–1.84)
Tripura	1950	0.89 (0.88–0.9)
Tripura	1951	0.88 (0.84–0.91)
Tripura	1952	0.87 (0.81–0.93)
Tripura	1953	0.87 (0.81–0.95)
Tripura	1954	0.86 (0.79–0.94)
Tripura	1955	0.86 (0.77–0.94)
Tripura	1956	0.87 (0.77–0.97)
Tripura	1957	0.89 (0.77–1.01)
Tripura	1958	0.92 (0.79–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tripura	1959	0.92 (0.79–1.07)
Tripura	1960	0.96 (0.82–1.12)
Tripura	1961	0.98 (0.84–1.13)
Tripura	1962	0.98 (0.83–1.12)
Tripura	1963	0.98 (0.85–1.12)
Tripura	1964	0.99 (0.87–1.11)
Tripura	1965	1.02 (0.91–1.13)
Tripura	1966	1.03 (0.93–1.12)
Tripura	1967	1.04 (0.95–1.14)
Tripura	1968	1.03 (0.93–1.13)
Tripura	1969	1.02 (0.93–1.13)
Tripura	1970	1.02 (0.92–1.13)
Tripura	1971	1.02 (0.92–1.13)
Tripura	1972	1.02 (0.93–1.12)
Tripura	1973	1.03 (0.94–1.12)
Tripura	1974	1.03 (0.94–1.12)
Tripura	1975	1.04 (0.95–1.14)
Tripura	1976	1.05 (0.96–1.15)
Tripura	1977	1.04 (0.96–1.14)
Tripura	1978	1.04 (0.95–1.14)
Tripura	1979	1.02 (0.94–1.12)
Tripura	1980	1.01 (0.93–1.09)
Tripura	1981	1.0 (0.92–1.09)
Tripura	1982	0.99 (0.92–1.08)
Tripura	1983	0.99 (0.91–1.08)
Tripura	1984	0.99 (0.91–1.07)
Tripura	1985	0.98 (0.9–1.06)
Tripura	1986	0.97 (0.9–1.05)
Tripura	1987	0.97 (0.9–1.05)
Tripura	1988	0.97 (0.9–1.05)
Tripura	1989	0.97 (0.9–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Tripura	1990	0.97 (0.89–1.05)
Tripura	1991	0.97 (0.89–1.06)
Tripura	1992	0.97 (0.89–1.05)
Tripura	1993	0.96 (0.89–1.05)
Tripura	1994	0.96 (0.88–1.05)
Tripura	1995	0.96 (0.89–1.04)
Tripura	1996	0.96 (0.89–1.03)
Tripura	1997	0.96 (0.89–1.03)
Tripura	1998	0.96 (0.89–1.03)
Tripura	1999	0.96 (0.89–1.04)
Tripura	2000	0.97 (0.9–1.05)
Tripura	2001	0.97 (0.89–1.05)
Tripura	2002	0.96 (0.89–1.04)
Tripura	2003	0.96 (0.9–1.03)
Tripura	2004	0.97 (0.9–1.04)
Tripura	2005	0.97 (0.9–1.04)
Tripura	2006	0.97 (0.89–1.05)
Tripura	2007	0.97 (0.88–1.08)
Tripura	2008	0.98 (0.89–1.09)
Tripura	2009	0.99 (0.89–1.1)
Tripura	2010	1.0 (0.89–1.1)
Tripura	2011	1.01 (0.9–1.13)
Tripura	2012	1.04 (0.92–1.17)
Tripura	2013	1.06 (0.93–1.21)
Tripura	2014	1.05 (0.91–1.22)
Tripura	2015	1.08 (0.92–1.29)
Tripura	2016	1.08 (0.9–1.3)
Tripura	2017	1.08 (0.89–1.3)
Uttar Pradesh	1950	0.9 (0.89–0.9)
Uttar Pradesh	1951	0.88 (0.85–0.92)
Uttar Pradesh	1952	0.88 (0.82–0.94)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Uttar Pradesh	1953	0.88 (0.82–0.95)
Uttar Pradesh	1954	0.87 (0.8–0.94)
Uttar Pradesh	1955	0.87 (0.78–0.95)
Uttar Pradesh	1956	0.88 (0.78–0.97)
Uttar Pradesh	1957	0.9 (0.78–1.01)
Uttar Pradesh	1958	0.92 (0.8–1.04)
Uttar Pradesh	1959	0.93 (0.8–1.06)
Uttar Pradesh	1960	0.97 (0.83–1.11)
Uttar Pradesh	1961	0.98 (0.85–1.12)
Uttar Pradesh	1962	0.98 (0.85–1.11)
Uttar Pradesh	1963	0.99 (0.86–1.11)
Uttar Pradesh	1964	0.99 (0.88–1.1)
Uttar Pradesh	1965	1.02 (0.92–1.12)
Uttar Pradesh	1966	1.03 (0.94–1.11)
Uttar Pradesh	1967	1.04 (0.95–1.13)
Uttar Pradesh	1968	1.02 (0.93–1.12)
Uttar Pradesh	1969	1.02 (0.93–1.12)
Uttar Pradesh	1970	1.02 (0.92–1.12)
Uttar Pradesh	1971	1.02 (0.93–1.12)
Uttar Pradesh	1972	1.02 (0.93–1.11)
Uttar Pradesh	1973	1.02 (0.94–1.11)
Uttar Pradesh	1974	1.03 (0.95–1.11)
Uttar Pradesh	1975	1.04 (0.96–1.13)
Uttar Pradesh	1976	1.04 (0.97–1.14)
Uttar Pradesh	1977	1.04 (0.96–1.13)
Uttar Pradesh	1978	1.04 (0.96–1.13)
Uttar Pradesh	1979	1.02 (0.94–1.11)
Uttar Pradesh	1980	1.01 (0.93–1.09)
Uttar Pradesh	1981	1.0 (0.93–1.08)
Uttar Pradesh	1982	0.99 (0.92–1.07)
Uttar Pradesh	1983	0.99 (0.92–1.07)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Uttar Pradesh	1984	0.99 (0.91–1.07)
Uttar Pradesh	1985	0.98 (0.9–1.06)
Uttar Pradesh	1986	0.97 (0.9–1.05)
Uttar Pradesh	1987	0.97 (0.9–1.05)
Uttar Pradesh	1988	0.97 (0.9–1.05)
Uttar Pradesh	1989	0.97 (0.9–1.05)
Uttar Pradesh	1990	0.97 (0.9–1.05)
Uttar Pradesh	1991	0.97 (0.89–1.05)
Uttar Pradesh	1992	0.97 (0.89–1.05)
Uttar Pradesh	1993	0.96 (0.89–1.05)
Uttar Pradesh	1994	0.96 (0.88–1.05)
Uttar Pradesh	1995	0.97 (0.89–1.04)
Uttar Pradesh	1996	0.96 (0.89–1.03)
Uttar Pradesh	1997	0.96 (0.9–1.03)
Uttar Pradesh	1998	0.96 (0.9–1.03)
Uttar Pradesh	1999	0.96 (0.89–1.04)
Uttar Pradesh	2000	0.97 (0.9–1.05)
Uttar Pradesh	2001	0.97 (0.9–1.04)
Uttar Pradesh	2002	0.96 (0.9–1.04)
Uttar Pradesh	2003	0.96 (0.9–1.03)
Uttar Pradesh	2004	0.97 (0.9–1.04)
Uttar Pradesh	2005	0.97 (0.91–1.04)
Uttar Pradesh	2006	0.97 (0.89–1.04)
Uttar Pradesh	2007	0.97 (0.88–1.07)
Uttar Pradesh	2008	0.98 (0.89–1.09)
Uttar Pradesh	2009	0.99 (0.89–1.09)
Uttar Pradesh	2010	1.0 (0.9–1.1)
Uttar Pradesh	2011	1.01 (0.9–1.12)
Uttar Pradesh	2012	1.04 (0.92–1.16)
Uttar Pradesh	2013	1.06 (0.93–1.21)
Uttar Pradesh	2014	1.05 (0.92–1.21)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Uttar Pradesh	2015	1.07 (0.92–1.28)
Uttar Pradesh	2016	1.08 (0.9–1.29)
Uttar Pradesh	2017	1.08 (0.89–1.3)
Uttarakhand	1950	0.88 (0.87–0.89)
Uttarakhand	1951	0.86 (0.82–0.91)
Uttarakhand	1952	0.86 (0.8–0.93)
Uttarakhand	1953	0.86 (0.79–0.94)
Uttarakhand	1954	0.85 (0.77–0.93)
Uttarakhand	1955	0.85 (0.76–0.94)
Uttarakhand	1956	0.86 (0.75–0.97)
Uttarakhand	1957	0.88 (0.75–1.01)
Uttarakhand	1958	0.91 (0.77–1.05)
Uttarakhand	1959	0.92 (0.78–1.07)
Uttarakhand	1960	0.96 (0.8–1.12)
Uttarakhand	1961	0.97 (0.83–1.14)
Uttarakhand	1962	0.97 (0.82–1.13)
Uttarakhand	1963	0.98 (0.84–1.13)
Uttarakhand	1964	0.99 (0.86–1.12)
Uttarakhand	1965	1.02 (0.91–1.14)
Uttarakhand	1966	1.03 (0.93–1.13)
Uttarakhand	1967	1.04 (0.94–1.15)
Uttarakhand	1968	1.03 (0.92–1.13)
Uttarakhand	1969	1.03 (0.92–1.14)
Uttarakhand	1970	1.02 (0.92–1.14)
Uttarakhand	1971	1.02 (0.92–1.13)
Uttarakhand	1972	1.02 (0.92–1.13)
Uttarakhand	1973	1.03 (0.93–1.12)
Uttarakhand	1974	1.03 (0.94–1.13)
Uttarakhand	1975	1.05 (0.95–1.14)
Uttarakhand	1976	1.05 (0.96–1.15)
Uttarakhand	1977	1.05 (0.96–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Uttarakhand	1978	1.04 (0.95–1.14)
Uttarakhand	1979	1.02 (0.94–1.12)
Uttarakhand	1980	1.01 (0.93–1.09)
Uttarakhand	1981	1.0 (0.92–1.09)
Uttarakhand	1982	0.99 (0.91–1.08)
Uttarakhand	1983	0.99 (0.91–1.08)
Uttarakhand	1984	0.99 (0.91–1.07)
Uttarakhand	1985	0.98 (0.9–1.06)
Uttarakhand	1986	0.97 (0.9–1.05)
Uttarakhand	1987	0.97 (0.9–1.05)
Uttarakhand	1988	0.97 (0.9–1.06)
Uttarakhand	1989	0.97 (0.9–1.05)
Uttarakhand	1990	0.97 (0.89–1.05)
Uttarakhand	1991	0.97 (0.89–1.06)
Uttarakhand	1992	0.97 (0.89–1.05)
Uttarakhand	1993	0.96 (0.88–1.05)
Uttarakhand	1994	0.96 (0.88–1.05)
Uttarakhand	1995	0.96 (0.89–1.04)
Uttarakhand	1996	0.96 (0.89–1.03)
Uttarakhand	1997	0.96 (0.89–1.03)
Uttarakhand	1998	0.96 (0.89–1.03)
Uttarakhand	1999	0.96 (0.89–1.04)
Uttarakhand	2000	0.97 (0.9–1.05)
Uttarakhand	2001	0.97 (0.89–1.05)
Uttarakhand	2002	0.96 (0.89–1.04)
Uttarakhand	2003	0.96 (0.9–1.03)
Uttarakhand	2004	0.97 (0.9–1.04)
Uttarakhand	2005	0.97 (0.9–1.04)
Uttarakhand	2006	0.97 (0.89–1.05)
Uttarakhand	2007	0.97 (0.88–1.08)
Uttarakhand	2008	0.98 (0.89–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Uttarakhand	2009	0.99 (0.89–1.1)
Uttarakhand	2010	1.0 (0.89–1.1)
Uttarakhand	2011	1.01 (0.9–1.13)
Uttarakhand	2012	1.04 (0.92–1.17)
Uttarakhand	2013	1.06 (0.93–1.21)
Uttarakhand	2014	1.05 (0.91–1.22)
Uttarakhand	2015	1.08 (0.92–1.29)
Uttarakhand	2016	1.08 (0.9–1.3)
Uttarakhand	2017	1.08 (0.89–1.3)
West Bengal	1950	0.89 (0.88–0.89)
West Bengal	1951	0.87 (0.83–0.91)
West Bengal	1952	0.87 (0.81–0.93)
West Bengal	1953	0.87 (0.8–0.95)
West Bengal	1954	0.86 (0.79–0.94)
West Bengal	1955	0.86 (0.77–0.94)
West Bengal	1956	0.87 (0.77–0.97)
West Bengal	1957	0.89 (0.77–1.01)
West Bengal	1958	0.91 (0.78–1.05)
West Bengal	1959	0.92 (0.79–1.07)
West Bengal	1960	0.96 (0.81–1.12)
West Bengal	1961	0.98 (0.84–1.13)
West Bengal	1962	0.98 (0.83–1.12)
West Bengal	1963	0.98 (0.85–1.12)
West Bengal	1964	0.99 (0.87–1.11)
West Bengal	1965	1.02 (0.91–1.13)
West Bengal	1966	1.03 (0.93–1.13)
West Bengal	1967	1.04 (0.95–1.14)
West Bengal	1968	1.03 (0.93–1.13)
West Bengal	1969	1.02 (0.93–1.13)
West Bengal	1970	1.02 (0.92–1.13)
West Bengal	1971	1.02 (0.92–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
West Bengal	1972	1.02 (0.93–1.12)
West Bengal	1973	1.03 (0.94–1.12)
West Bengal	1974	1.03 (0.94–1.12)
West Bengal	1975	1.04 (0.95–1.14)
West Bengal	1976	1.05 (0.96–1.15)
West Bengal	1977	1.04 (0.96–1.14)
West Bengal	1978	1.04 (0.95–1.14)
West Bengal	1979	1.02 (0.94–1.12)
West Bengal	1980	1.01 (0.93–1.09)
West Bengal	1981	1.0 (0.92–1.09)
West Bengal	1982	0.99 (0.92–1.08)
West Bengal	1983	0.99 (0.91–1.08)
West Bengal	1984	0.99 (0.91–1.07)
West Bengal	1985	0.98 (0.9–1.06)
West Bengal	1986	0.97 (0.9–1.05)
West Bengal	1987	0.97 (0.9–1.05)
West Bengal	1988	0.97 (0.9–1.05)
West Bengal	1989	0.97 (0.9–1.05)
West Bengal	1990	0.97 (0.89–1.05)
West Bengal	1991	0.97 (0.89–1.06)
West Bengal	1992	0.97 (0.89–1.05)
West Bengal	1993	0.96 (0.89–1.05)
West Bengal	1994	0.96 (0.88–1.05)
West Bengal	1995	0.96 (0.89–1.04)
West Bengal	1996	0.96 (0.89–1.03)
West Bengal	1997	0.96 (0.89–1.03)
West Bengal	1998	0.96 (0.89–1.03)
West Bengal	1999	0.96 (0.89–1.04)
West Bengal	2000	0.97 (0.9–1.05)
West Bengal	2001	0.97 (0.89–1.05)
West Bengal	2002	0.96 (0.89–1.04)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
West Bengal	2003	0.96 (0.9–1.03)
West Bengal	2004	0.97 (0.9–1.04)
West Bengal	2005	0.97 (0.9–1.04)
West Bengal	2006	0.97 (0.89–1.05)
West Bengal	2007	0.97 (0.88–1.08)
West Bengal	2008	0.98 (0.89–1.09)
West Bengal	2009	0.99 (0.89–1.1)
West Bengal	2010	1.0 (0.89–1.1)
West Bengal	2011	1.01 (0.9–1.13)
West Bengal	2012	1.04 (0.92–1.17)
West Bengal	2013	1.06 (0.93–1.21)
West Bengal	2014	1.05 (0.91–1.22)
West Bengal	2015	1.08 (0.92–1.29)
West Bengal	2016	1.08 (0.9–1.3)
West Bengal	2017	1.08 (0.89–1.3)
Union Territories other than Delhi	1950	0.87 (0.86–0.88)
Union Territories other than Delhi	1951	0.86 (0.81–0.9)
Union Territories other than Delhi	1952	0.86 (0.79–0.92)
Union Territories other than Delhi	1953	0.86 (0.78–0.94)
Union Territories other than Delhi	1954	0.85 (0.77–0.93)
Union Territories other than Delhi	1955	0.84 (0.75–0.94)
Union Territories other than Delhi	1956	0.85 (0.74–0.97)
Union Territories other than Delhi	1957	0.88 (0.75–1.01)
Union Territories other than Delhi	1958	0.91 (0.76–1.05)
Union Territories other than Delhi	1959	0.92 (0.77–1.07)
Union Territories other than Delhi	1960	0.96 (0.8–1.13)
Union Territories other than Delhi	1961	0.97 (0.82–1.14)
Union Territories other than Delhi	1962	0.97 (0.82–1.14)
Union Territories other than Delhi	1963	0.98 (0.84–1.13)
Union Territories other than Delhi	1964	0.99 (0.85–1.12)
Union Territories other than Delhi	1965	1.02 (0.9–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Union Territories other than Delhi	1966	1.03 (0.93–1.14)
Union Territories other than Delhi	1967	1.05 (0.94–1.16)
Union Territories other than Delhi	1968	1.03 (0.92–1.14)
Union Territories other than Delhi	1969	1.03 (0.92–1.15)
Union Territories other than Delhi	1970	1.02 (0.91–1.14)
Union Territories other than Delhi	1971	1.02 (0.92–1.13)
Union Territories other than Delhi	1972	1.02 (0.92–1.13)
Union Territories other than Delhi	1973	1.03 (0.93–1.13)
Union Territories other than Delhi	1974	1.03 (0.94–1.13)
Union Territories other than Delhi	1975	1.05 (0.95–1.15)
Union Territories other than Delhi	1976	1.05 (0.96–1.15)
Union Territories other than Delhi	1977	1.05 (0.96–1.15)
Union Territories other than Delhi	1978	1.04 (0.95–1.15)
Union Territories other than Delhi	1979	1.02 (0.94–1.13)
Union Territories other than Delhi	1980	1.01 (0.92–1.1)
Union Territories other than Delhi	1981	1.0 (0.92–1.09)
Union Territories other than Delhi	1982	0.99 (0.91–1.08)
Union Territories other than Delhi	1983	0.99 (0.91–1.08)
Union Territories other than Delhi	1984	0.99 (0.9–1.07)
Union Territories other than Delhi	1985	0.97 (0.89–1.06)
Union Territories other than Delhi	1986	0.97 (0.89–1.05)
Union Territories other than Delhi	1987	0.97 (0.9–1.05)
Union Territories other than Delhi	1988	0.97 (0.89–1.06)
Union Territories other than Delhi	1989	0.97 (0.9–1.05)
Union Territories other than Delhi	1990	0.97 (0.89–1.05)
Union Territories other than Delhi	1991	0.97 (0.89–1.06)
Union Territories other than Delhi	1992	0.97 (0.88–1.05)
Union Territories other than Delhi	1993	0.96 (0.88–1.05)
Union Territories other than Delhi	1994	0.96 (0.88–1.05)
Union Territories other than Delhi	1995	0.96 (0.89–1.04)
Union Territories other than Delhi	1996	0.96 (0.89–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Union Territories other than Delhi	1997	0.96 (0.89–1.03)
Union Territories other than Delhi	1998	0.96 (0.89–1.03)
Union Territories other than Delhi	1999	0.96 (0.89–1.04)
Union Territories other than Delhi	2000	0.97 (0.89–1.05)
Union Territories other than Delhi	2001	0.97 (0.89–1.05)
Union Territories other than Delhi	2002	0.96 (0.89–1.04)
Union Territories other than Delhi	2003	0.96 (0.9–1.03)
Union Territories other than Delhi	2004	0.97 (0.9–1.04)
Union Territories other than Delhi	2005	0.97 (0.9–1.04)
Union Territories other than Delhi	2006	0.97 (0.89–1.05)
Union Territories other than Delhi	2007	0.97 (0.88–1.08)
Union Territories other than Delhi	2008	0.98 (0.89–1.09)
Union Territories other than Delhi	2009	0.98 (0.89–1.1)
Union Territories other than Delhi	2010	1.0 (0.89–1.1)
Union Territories other than Delhi	2011	1.01 (0.9–1.13)
Union Territories other than Delhi	2012	1.04 (0.92–1.17)
Union Territories other than Delhi	2013	1.06 (0.93–1.22)
Union Territories other than Delhi	2014	1.05 (0.91–1.22)
Union Territories other than Delhi	2015	1.08 (0.92–1.29)
Union Territories other than Delhi	2016	1.08 (0.9–1.3)
Union Territories other than Delhi	2017	1.08 (0.89–1.3)
Kenya	1950	1.0 (1.0–1.0)
Kenya	1951	1.0 (1.0–1.0)
Kenya	1952	1.0 (1.0–1.0)
Kenya	1953	1.0 (1.0–1.0)
Kenya	1954	1.0 (1.0–1.0)
Kenya	1955	1.0 (1.0–1.0)
Kenya	1956	1.0 (1.0–1.0)
Kenya	1957	1.0 (1.0–1.0)
Kenya	1958	1.0 (1.0–1.0)
Kenya	1959	1.0 (1.0–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kenya	1960	1.0 (1.0–1.0)
Kenya	1961	1.0 (1.0–1.0)
Kenya	1962	1.0 (1.0–1.0)
Kenya	1963	1.0 (1.0–1.0)
Kenya	1964	1.0 (1.0–1.0)
Kenya	1965	1.0 (1.0–1.0)
Kenya	1966	1.0 (1.0–1.0)
Kenya	1967	1.0 (1.0–1.0)
Kenya	1968	1.0 (1.0–1.0)
Kenya	1969	1.0 (1.0–1.0)
Kenya	1970	1.0 (1.0–1.0)
Kenya	1971	1.0 (1.0–1.0)
Kenya	1972	1.0 (1.0–1.0)
Kenya	1973	1.0 (1.0–1.0)
Kenya	1974	1.0 (1.0–1.0)
Kenya	1975	1.0 (1.0–1.0)
Kenya	1976	1.0 (1.0–1.0)
Kenya	1977	1.0 (1.0–1.0)
Kenya	1978	1.0 (1.0–1.0)
Kenya	1979	1.0 (1.0–1.0)
Kenya	1980	1.0 (1.0–1.0)
Kenya	1981	1.0 (1.0–1.0)
Kenya	1982	1.0 (1.0–1.0)
Kenya	1983	1.0 (1.0–1.0)
Kenya	1984	1.0 (1.0–1.0)
Kenya	1985	1.0 (1.0–1.0)
Kenya	1986	1.0 (1.0–1.0)
Kenya	1987	1.0 (1.0–1.0)
Kenya	1988	1.0 (1.0–1.0)
Kenya	1989	1.0 (1.0–1.0)
Kenya	1990	1.0 (1.0–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kenya	1991	1.0 (1.0–1.0)
Kenya	1992	1.0 (1.0–1.0)
Kenya	1993	1.0 (1.0–1.0)
Kenya	1994	1.0 (1.0–1.0)
Kenya	1995	1.0 (1.0–1.0)
Kenya	1996	1.0 (1.0–1.0)
Kenya	1997	1.0 (1.0–1.0)
Kenya	1998	1.0 (1.0–1.0)
Kenya	1999	1.0 (1.0–1.0)
Kenya	2000	1.0 (1.0–1.0)
Kenya	2001	1.0 (1.0–1.0)
Kenya	2002	1.0 (1.0–1.0)
Kenya	2003	1.0 (1.0–1.0)
Kenya	2004	1.0 (1.0–1.0)
Kenya	2005	1.0 (1.0–1.0)
Kenya	2006	1.0 (1.0–1.0)
Kenya	2007	1.0 (1.0–1.0)
Kenya	2008	1.0 (1.0–1.0)
Kenya	2009	1.0 (1.0–1.0)
Kenya	2010	1.0 (1.0–1.0)
Kenya	2011	1.0 (1.0–1.0)
Kenya	2012	1.0 (1.0–1.0)
Kenya	2013	1.0 (1.0–1.0)
Kenya	2014	1.0 (1.0–1.0)
Kenya	2015	1.0 (1.0–1.0)
Kenya	2016	1.0 (1.0–1.0)
Kenya	2017	1.0 (1.0–1.0)
Baringo	1950	0.28 (0.28–0.29)
Baringo	1951	0.29 (0.27–0.3)
Baringo	1952	0.29 (0.27–0.31)
Baringo	1953	0.3 (0.27–0.32)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Baringo	1954	0.3 (0.28–0.33)
Baringo	1955	0.31 (0.28–0.34)
Baringo	1956	0.32 (0.28–0.36)
Baringo	1957	0.32 (0.28–0.36)
Baringo	1958	0.33 (0.29–0.37)
Baringo	1959	0.33 (0.29–0.38)
Baringo	1960	0.34 (0.3–0.38)
Baringo	1961	0.35 (0.31–0.39)
Baringo	1962	0.35 (0.32–0.39)
Baringo	1963	0.36 (0.33–0.4)
Baringo	1964	0.37 (0.34–0.41)
Baringo	1965	0.39 (0.35–0.43)
Baringo	1966	0.41 (0.36–0.46)
Baringo	1967	0.43 (0.38–0.48)
Baringo	1968	0.46 (0.4–0.51)
Baringo	1969	0.48 (0.43–0.53)
Baringo	1970	0.51 (0.46–0.56)
Baringo	1971	0.53 (0.48–0.58)
Baringo	1972	0.56 (0.51–0.6)
Baringo	1973	0.58 (0.53–0.64)
Baringo	1974	0.61 (0.55–0.67)
Baringo	1975	0.63 (0.57–0.7)
Baringo	1976	0.66 (0.59–0.73)
Baringo	1977	0.68 (0.6–0.76)
Baringo	1978	0.7 (0.62–0.8)
Baringo	1979	0.72 (0.63–0.82)
Baringo	1980	0.74 (0.64–0.85)
Baringo	1981	0.75 (0.66–0.87)
Baringo	1982	0.77 (0.68–0.87)
Baringo	1983	0.78 (0.69–0.88)
Baringo	1984	0.79 (0.71–0.88)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Baringo	1985	0.8 (0.72–0.89)
Baringo	1986	0.81 (0.74–0.88)
Baringo	1987	0.82 (0.75–0.9)
Baringo	1988	0.83 (0.75–0.92)
Baringo	1989	0.85 (0.76–0.95)
Baringo	1990	0.87 (0.76–0.97)
Baringo	1991	0.88 (0.77–0.99)
Baringo	1992	0.9 (0.79–1.01)
Baringo	1993	0.92 (0.82–1.02)
Baringo	1994	0.94 (0.85–1.03)
Baringo	1995	0.96 (0.87–1.05)
Baringo	1996	0.97 (0.88–1.06)
Baringo	1997	0.98 (0.89–1.08)
Baringo	1998	0.99 (0.88–1.11)
Baringo	1999	0.99 (0.86–1.12)
Baringo	2000	0.99 (0.86–1.13)
Baringo	2001	0.99 (0.86–1.14)
Baringo	2002	0.99 (0.86–1.12)
Baringo	2003	0.98 (0.86–1.12)
Baringo	2004	0.98 (0.86–1.1)
Baringo	2005	0.98 (0.87–1.1)
Baringo	2006	0.98 (0.87–1.09)
Baringo	2007	0.97 (0.86–1.11)
Baringo	2008	0.98 (0.85–1.13)
Baringo	2009	0.99 (0.86–1.13)
Baringo	2010	0.99 (0.85–1.12)
Baringo	2011	0.98 (0.85–1.12)
Baringo	2012	0.98 (0.85–1.12)
Baringo	2013	0.99 (0.86–1.13)
Baringo	2014	1.0 (0.89–1.11)
Baringo	2015	1.0 (0.92–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Baringo	2016	1.01 (0.95–1.07)
Baringo	2017	1.0 (0.99–1.02)
Bomet	1950	0.23 (0.23–0.24)
Bomet	1951	0.24 (0.23–0.25)
Bomet	1952	0.24 (0.23–0.26)
Bomet	1953	0.25 (0.23–0.27)
Bomet	1954	0.25 (0.23–0.28)
Bomet	1955	0.26 (0.24–0.29)
Bomet	1956	0.27 (0.24–0.3)
Bomet	1957	0.27 (0.24–0.31)
Bomet	1958	0.28 (0.24–0.32)
Bomet	1959	0.28 (0.25–0.33)
Bomet	1960	0.29 (0.25–0.33)
Bomet	1961	0.3 (0.26–0.34)
Bomet	1962	0.31 (0.27–0.34)
Bomet	1963	0.31 (0.28–0.35)
Bomet	1964	0.33 (0.29–0.36)
Bomet	1965	0.34 (0.3–0.38)
Bomet	1966	0.36 (0.31–0.41)
Bomet	1967	0.38 (0.33–0.44)
Bomet	1968	0.41 (0.36–0.46)
Bomet	1969	0.43 (0.38–0.49)
Bomet	1970	0.46 (0.41–0.52)
Bomet	1971	0.49 (0.44–0.54)
Bomet	1972	0.51 (0.47–0.56)
Bomet	1973	0.54 (0.49–0.6)
Bomet	1974	0.57 (0.51–0.63)
Bomet	1975	0.6 (0.53–0.66)
Bomet	1976	0.62 (0.55–0.7)
Bomet	1977	0.65 (0.57–0.73)
Bomet	1978	0.68 (0.58–0.77)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bomet	1979	0.7 (0.6–0.81)
Bomet	1980	0.72 (0.61–0.83)
Bomet	1981	0.73 (0.63–0.85)
Bomet	1982	0.75 (0.65–0.86)
Bomet	1983	0.76 (0.67–0.87)
Bomet	1984	0.78 (0.69–0.87)
Bomet	1985	0.79 (0.7–0.88)
Bomet	1986	0.8 (0.73–0.87)
Bomet	1987	0.81 (0.73–0.89)
Bomet	1988	0.82 (0.74–0.91)
Bomet	1989	0.84 (0.74–0.94)
Bomet	1990	0.86 (0.75–0.97)
Bomet	1991	0.87 (0.76–0.99)
Bomet	1992	0.89 (0.78–1.01)
Bomet	1993	0.92 (0.81–1.02)
Bomet	1994	0.93 (0.84–1.03)
Bomet	1995	0.96 (0.87–1.06)
Bomet	1996	0.97 (0.88–1.07)
Bomet	1997	0.98 (0.88–1.09)
Bomet	1998	0.99 (0.87–1.11)
Bomet	1999	0.99 (0.85–1.13)
Bomet	2000	0.99 (0.85–1.13)
Bomet	2001	0.99 (0.86–1.15)
Bomet	2002	0.99 (0.85–1.13)
Bomet	2003	0.98 (0.85–1.12)
Bomet	2004	0.98 (0.85–1.1)
Bomet	2005	0.98 (0.87–1.1)
Bomet	2006	0.98 (0.87–1.1)
Bomet	2007	0.97 (0.86–1.11)
Bomet	2008	0.98 (0.85–1.13)
Bomet	2009	0.99 (0.85–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bomet	2010	0.99 (0.85–1.12)
Bomet	2011	0.98 (0.85–1.12)
Bomet	2012	0.98 (0.85–1.13)
Bomet	2013	0.99 (0.86–1.13)
Bomet	2014	1.0 (0.89–1.11)
Bomet	2015	1.0 (0.91–1.09)
Bomet	2016	1.01 (0.95–1.07)
Bomet	2017	1.0 (0.99–1.02)
Bungoma	1950	0.8 (0.79–0.81)
Bungoma	1951	0.82 (0.78–0.85)
Bungoma	1952	0.82 (0.77–0.88)
Bungoma	1953	0.82 (0.76–0.89)
Bungoma	1954	0.82 (0.74–0.9)
Bungoma	1955	0.82 (0.73–0.92)
Bungoma	1956	0.82 (0.72–0.93)
Bungoma	1957	0.81 (0.71–0.92)
Bungoma	1958	0.81 (0.71–0.91)
Bungoma	1959	0.81 (0.71–0.91)
Bungoma	1960	0.81 (0.71–0.91)
Bungoma	1961	0.8 (0.71–0.9)
Bungoma	1962	0.81 (0.72–0.9)
Bungoma	1963	0.81 (0.72–0.9)
Bungoma	1964	0.82 (0.73–0.91)
Bungoma	1965	0.83 (0.74–0.92)
Bungoma	1966	0.84 (0.75–0.92)
Bungoma	1967	0.85 (0.77–0.94)
Bungoma	1968	0.86 (0.78–0.95)
Bungoma	1969	0.87 (0.79–0.97)
Bungoma	1970	0.89 (0.81–0.97)
Bungoma	1971	0.9 (0.83–0.99)
Bungoma	1972	0.92 (0.84–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bungoma	1973	0.94 (0.85–1.03)
Bungoma	1974	0.95 (0.85–1.05)
Bungoma	1975	0.96 (0.84–1.08)
Bungoma	1976	0.97 (0.84–1.11)
Bungoma	1977	0.98 (0.83–1.14)
Bungoma	1978	0.98 (0.83–1.15)
Bungoma	1979	0.99 (0.84–1.15)
Bungoma	1980	0.99 (0.85–1.14)
Bungoma	1981	1.0 (0.86–1.15)
Bungoma	1982	1.0 (0.87–1.14)
Bungoma	1983	1.0 (0.89–1.12)
Bungoma	1984	1.0 (0.91–1.1)
Bungoma	1985	1.0 (0.92–1.08)
Bungoma	1986	1.0 (0.93–1.08)
Bungoma	1987	1.0 (0.93–1.08)
Bungoma	1988	1.01 (0.94–1.08)
Bungoma	1989	1.01 (0.94–1.09)
Bungoma	1990	1.03 (0.97–1.09)
Bungoma	1991	1.05 (0.99–1.1)
Bungoma	1992	1.06 (0.99–1.14)
Bungoma	1993	1.08 (0.99–1.17)
Bungoma	1994	1.1 (1.0–1.21)
Bungoma	1995	1.12 (1.01–1.25)
Bungoma	1996	1.12 (1.01–1.24)
Bungoma	1997	1.12 (1.01–1.23)
Bungoma	1998	1.12 (1.01–1.23)
Bungoma	1999	1.11 (1.01–1.23)
Bungoma	2000	1.11 (1.0–1.24)
Bungoma	2001	1.11 (0.98–1.24)
Bungoma	2002	1.1 (0.97–1.25)
Bungoma	2003	1.11 (0.97–1.25)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Bungoma	2004	1.1 (0.98–1.23)
Bungoma	2005	1.1 (0.99–1.23)
Bungoma	2006	1.11 (1.0–1.23)
Bungoma	2007	1.13 (1.03–1.24)
Bungoma	2008	1.14 (1.03–1.25)
Bungoma	2009	1.14 (1.01–1.27)
Bungoma	2010	1.13 (1.0–1.27)
Bungoma	2011	1.13 (0.99–1.27)
Bungoma	2012	1.13 (1.0–1.26)
Bungoma	2013	1.13 (1.01–1.25)
Bungoma	2014	1.13 (1.03–1.24)
Bungoma	2015	1.12 (1.04–1.21)
Bungoma	2016	1.12 (1.07–1.17)
Bungoma	2017	1.12 (1.09–1.14)
Busia	1950	0.82 (0.8–0.83)
Busia	1951	0.83 (0.8–0.86)
Busia	1952	0.83 (0.79–0.89)
Busia	1953	0.83 (0.78–0.9)
Busia	1954	0.83 (0.76–0.91)
Busia	1955	0.83 (0.75–0.93)
Busia	1956	0.83 (0.74–0.93)
Busia	1957	0.83 (0.73–0.93)
Busia	1958	0.82 (0.73–0.92)
Busia	1959	0.82 (0.73–0.92)
Busia	1960	0.82 (0.73–0.92)
Busia	1961	0.82 (0.73–0.91)
Busia	1962	0.82 (0.73–0.9)
Busia	1963	0.82 (0.74–0.91)
Busia	1964	0.83 (0.74–0.92)
Busia	1965	0.84 (0.75–0.92)
Busia	1966	0.85 (0.77–0.93)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Busia	1967	0.86 (0.78–0.94)
Busia	1968	0.87 (0.79–0.96)
Busia	1969	0.88 (0.8–0.97)
Busia	1970	0.89 (0.82–0.97)
Busia	1971	0.91 (0.83–0.99)
Busia	1972	0.92 (0.85–1.01)
Busia	1973	0.94 (0.85–1.03)
Busia	1974	0.95 (0.85–1.05)
Busia	1975	0.96 (0.85–1.08)
Busia	1976	0.97 (0.84–1.11)
Busia	1977	0.98 (0.84–1.13)
Busia	1978	0.98 (0.84–1.14)
Busia	1979	0.99 (0.84–1.14)
Busia	1980	0.99 (0.85–1.14)
Busia	1981	1.0 (0.86–1.15)
Busia	1982	1.0 (0.88–1.13)
Busia	1983	1.0 (0.9–1.12)
Busia	1984	1.0 (0.91–1.1)
Busia	1985	1.0 (0.92–1.08)
Busia	1986	1.0 (0.93–1.08)
Busia	1987	1.0 (0.93–1.08)
Busia	1988	1.01 (0.94–1.08)
Busia	1989	1.01 (0.95–1.09)
Busia	1990	1.03 (0.97–1.09)
Busia	1991	1.04 (0.99–1.1)
Busia	1992	1.06 (0.99–1.13)
Busia	1993	1.08 (0.99–1.17)
Busia	1994	1.1 (1.0–1.2)
Busia	1995	1.11 (1.01–1.24)
Busia	1996	1.12 (1.01–1.24)
Busia	1997	1.12 (1.01–1.23)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Busia	1998	1.11 (1.01–1.22)
Busia	1999	1.11 (1.01–1.22)
Busia	2000	1.11 (1.0–1.23)
Busia	2001	1.1 (0.98–1.24)
Busia	2002	1.1 (0.97–1.24)
Busia	2003	1.1 (0.97–1.24)
Busia	2004	1.1 (0.98–1.23)
Busia	2005	1.1 (0.99–1.22)
Busia	2006	1.11 (1.0–1.22)
Busia	2007	1.13 (1.03–1.23)
Busia	2008	1.14 (1.03–1.25)
Busia	2009	1.14 (1.01–1.27)
Busia	2010	1.13 (1.0–1.27)
Busia	2011	1.13 (0.99–1.27)
Busia	2012	1.13 (1.0–1.26)
Busia	2013	1.13 (1.01–1.25)
Busia	2014	1.13 (1.03–1.24)
Busia	2015	1.12 (1.04–1.2)
Busia	2016	1.12 (1.07–1.17)
Busia	2017	1.11 (1.09–1.14)
Elgeyo-Marakwet	1950	0.27 (0.27–0.28)
Elgeyo-Marakwet	1951	0.28 (0.26–0.29)
Elgeyo-Marakwet	1952	0.28 (0.26–0.3)
Elgeyo-Marakwet	1953	0.28 (0.26–0.31)
Elgeyo-Marakwet	1954	0.29 (0.26–0.32)
Elgeyo-Marakwet	1955	0.29 (0.27–0.33)
Elgeyo-Marakwet	1956	0.3 (0.27–0.34)
Elgeyo-Marakwet	1957	0.3 (0.27–0.35)
Elgeyo-Marakwet	1958	0.31 (0.27–0.35)
Elgeyo-Marakwet	1959	0.31 (0.28–0.36)
Elgeyo-Marakwet	1960	0.32 (0.28–0.36)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Elgeyo-Marakwet	1961	0.33 (0.29–0.37)
Elgeyo-Marakwet	1962	0.33 (0.3–0.37)
Elgeyo-Marakwet	1963	0.34 (0.31–0.38)
Elgeyo-Marakwet	1964	0.35 (0.31–0.39)
Elgeyo-Marakwet	1965	0.36 (0.32–0.41)
Elgeyo-Marakwet	1966	0.38 (0.34–0.43)
Elgeyo-Marakwet	1967	0.4 (0.36–0.46)
Elgeyo-Marakwet	1968	0.43 (0.38–0.49)
Elgeyo-Marakwet	1969	0.45 (0.4–0.51)
Elgeyo-Marakwet	1970	0.48 (0.43–0.54)
Elgeyo-Marakwet	1971	0.51 (0.46–0.56)
Elgeyo-Marakwet	1972	0.53 (0.49–0.58)
Elgeyo-Marakwet	1973	0.56 (0.51–0.62)
Elgeyo-Marakwet	1974	0.58 (0.53–0.65)
Elgeyo-Marakwet	1975	0.61 (0.55–0.67)
Elgeyo-Marakwet	1976	0.63 (0.57–0.71)
Elgeyo-Marakwet	1977	0.66 (0.58–0.74)
Elgeyo-Marakwet	1978	0.69 (0.6–0.78)
Elgeyo-Marakwet	1979	0.71 (0.61–0.81)
Elgeyo-Marakwet	1980	0.72 (0.62–0.84)
Elgeyo-Marakwet	1981	0.74 (0.64–0.86)
Elgeyo-Marakwet	1982	0.76 (0.66–0.86)
Elgeyo-Marakwet	1983	0.77 (0.68–0.87)
Elgeyo-Marakwet	1984	0.78 (0.7–0.88)
Elgeyo-Marakwet	1985	0.79 (0.71–0.88)
Elgeyo-Marakwet	1986	0.8 (0.73–0.88)
Elgeyo-Marakwet	1987	0.81 (0.74–0.89)
Elgeyo-Marakwet	1988	0.83 (0.74–0.92)
Elgeyo-Marakwet	1989	0.84 (0.75–0.94)
Elgeyo-Marakwet	1990	0.86 (0.75–0.97)
Elgeyo-Marakwet	1991	0.88 (0.76–0.99)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Elgeyo-Marakwet	1992	0.9 (0.78–1.01)
Elgeyo-Marakwet	1993	0.92 (0.81–1.02)
Elgeyo-Marakwet	1994	0.94 (0.84–1.03)
Elgeyo-Marakwet	1995	0.96 (0.87–1.05)
Elgeyo-Marakwet	1996	0.97 (0.88–1.06)
Elgeyo-Marakwet	1997	0.98 (0.88–1.09)
Elgeyo-Marakwet	1998	0.99 (0.87–1.11)
Elgeyo-Marakwet	1999	0.99 (0.86–1.13)
Elgeyo-Marakwet	2000	0.99 (0.85–1.13)
Elgeyo-Marakwet	2001	0.99 (0.86–1.14)
Elgeyo-Marakwet	2002	0.99 (0.86–1.13)
Elgeyo-Marakwet	2003	0.98 (0.86–1.12)
Elgeyo-Marakwet	2004	0.98 (0.86–1.1)
Elgeyo-Marakwet	2005	0.98 (0.87–1.1)
Elgeyo-Marakwet	2006	0.98 (0.87–1.1)
Elgeyo-Marakwet	2007	0.97 (0.86–1.11)
Elgeyo-Marakwet	2008	0.98 (0.85–1.13)
Elgeyo-Marakwet	2009	0.99 (0.85–1.13)
Elgeyo-Marakwet	2010	0.99 (0.85–1.12)
Elgeyo-Marakwet	2011	0.98 (0.85–1.12)
Elgeyo-Marakwet	2012	0.98 (0.85–1.13)
Elgeyo-Marakwet	2013	0.99 (0.86–1.13)
Elgeyo-Marakwet	2014	1.0 (0.89–1.11)
Elgeyo-Marakwet	2015	1.0 (0.91–1.09)
Elgeyo-Marakwet	2016	1.01 (0.95–1.07)
Elgeyo-Marakwet	2017	1.0 (0.99–1.02)
Embu	1950	0.58 (0.57–0.59)
Embu	1951	0.59 (0.56–0.62)
Embu	1952	0.6 (0.56–0.64)
Embu	1953	0.6 (0.55–0.66)
Embu	1954	0.61 (0.55–0.67)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Embu	1955	0.62 (0.55–0.68)
Embu	1956	0.62 (0.55–0.69)
Embu	1957	0.62 (0.55–0.7)
Embu	1958	0.62 (0.55–0.7)
Embu	1959	0.63 (0.55–0.7)
Embu	1960	0.63 (0.56–0.71)
Embu	1961	0.63 (0.56–0.71)
Embu	1962	0.64 (0.57–0.71)
Embu	1963	0.65 (0.57–0.72)
Embu	1964	0.66 (0.59–0.74)
Embu	1965	0.67 (0.59–0.75)
Embu	1966	0.68 (0.61–0.76)
Embu	1967	0.7 (0.63–0.77)
Embu	1968	0.71 (0.64–0.8)
Embu	1969	0.73 (0.65–0.81)
Embu	1970	0.74 (0.67–0.82)
Embu	1971	0.76 (0.69–0.83)
Embu	1972	0.77 (0.71–0.84)
Embu	1973	0.78 (0.71–0.86)
Embu	1974	0.79 (0.72–0.87)
Embu	1975	0.8 (0.73–0.88)
Embu	1976	0.81 (0.74–0.89)
Embu	1977	0.82 (0.74–0.9)
Embu	1978	0.83 (0.75–0.91)
Embu	1979	0.84 (0.76–0.93)
Embu	1980	0.85 (0.77–0.94)
Embu	1981	0.86 (0.78–0.95)
Embu	1982	0.87 (0.78–0.96)
Embu	1983	0.88 (0.79–0.98)
Embu	1984	0.89 (0.79–0.99)
Embu	1985	0.89 (0.79–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Embu	1986	0.9 (0.79–1.0)
Embu	1987	0.9 (0.81–1.0)
Embu	1988	0.91 (0.83–1.0)
Embu	1989	0.91 (0.84–1.0)
Embu	1990	0.92 (0.85–1.0)
Embu	1991	0.93 (0.84–1.01)
Embu	1992	0.94 (0.85–1.03)
Embu	1993	0.95 (0.84–1.05)
Embu	1994	0.95 (0.85–1.05)
Embu	1995	0.95 (0.85–1.05)
Embu	1996	0.95 (0.85–1.04)
Embu	1997	0.95 (0.86–1.04)
Embu	1998	0.95 (0.87–1.03)
Embu	1999	0.95 (0.87–1.03)
Embu	2000	0.94 (0.86–1.03)
Embu	2001	0.94 (0.84–1.04)
Embu	2002	0.94 (0.84–1.04)
Embu	2003	0.94 (0.83–1.05)
Embu	2004	0.93 (0.83–1.05)
Embu	2005	0.92 (0.83–1.03)
Embu	2006	0.92 (0.83–1.01)
Embu	2007	0.92 (0.84–1.01)
Embu	2008	0.94 (0.85–1.04)
Embu	2009	0.95 (0.84–1.07)
Embu	2010	0.96 (0.84–1.09)
Embu	2011	0.96 (0.84–1.1)
Embu	2012	0.97 (0.84–1.12)
Embu	2013	0.99 (0.86–1.13)
Embu	2014	1.0 (0.88–1.13)
Embu	2015	1.0 (0.91–1.1)
Embu	2016	1.0 (0.94–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Embu	2017	1.0 (0.96–1.03)
Garissa	1950	0.56 (0.56–0.57)
Garissa	1951	0.56 (0.53–0.59)
Garissa	1952	0.56 (0.52–0.6)
Garissa	1953	0.55 (0.5–0.6)
Garissa	1954	0.55 (0.5–0.59)
Garissa	1955	0.55 (0.49–0.6)
Garissa	1956	0.54 (0.5–0.6)
Garissa	1957	0.54 (0.49–0.6)
Garissa	1958	0.54 (0.48–0.61)
Garissa	1959	0.55 (0.48–0.62)
Garissa	1960	0.55 (0.48–0.63)
Garissa	1961	0.56 (0.48–0.65)
Garissa	1962	0.56 (0.49–0.65)
Garissa	1963	0.58 (0.5–0.66)
Garissa	1964	0.59 (0.51–0.67)
Garissa	1965	0.6 (0.53–0.68)
Garissa	1966	0.62 (0.55–0.69)
Garissa	1967	0.64 (0.56–0.72)
Garissa	1968	0.65 (0.57–0.74)
Garissa	1969	0.66 (0.58–0.76)
Garissa	1970	0.68 (0.59–0.79)
Garissa	1971	0.7 (0.6–0.8)
Garissa	1972	0.71 (0.63–0.82)
Garissa	1973	0.73 (0.65–0.82)
Garissa	1974	0.74 (0.67–0.81)
Garissa	1975	0.74 (0.67–0.82)
Garissa	1976	0.75 (0.66–0.84)
Garissa	1977	0.76 (0.66–0.86)
Garissa	1978	0.77 (0.66–0.89)
Garissa	1979	0.78 (0.67–0.89)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Garissa	1980	0.78 (0.68–0.89)
Garissa	1981	0.78 (0.69–0.88)
Garissa	1982	0.78 (0.71–0.88)
Garissa	1983	0.79 (0.71–0.87)
Garissa	1984	0.79 (0.71–0.88)
Garissa	1985	0.79 (0.71–0.88)
Garissa	1986	0.79 (0.7–0.89)
Garissa	1987	0.79 (0.7–0.89)
Garissa	1988	0.79 (0.7–0.89)
Garissa	1989	0.79 (0.7–0.89)
Garissa	1990	0.8 (0.71–0.9)
Garissa	1991	0.81 (0.72–0.89)
Garissa	1992	0.82 (0.74–0.9)
Garissa	1993	0.82 (0.74–0.91)
Garissa	1994	0.83 (0.73–0.93)
Garissa	1995	0.84 (0.73–0.96)
Garissa	1996	0.85 (0.74–0.97)
Garissa	1997	0.85 (0.74–0.97)
Garissa	1998	0.85 (0.75–0.97)
Garissa	1999	0.84 (0.75–0.95)
Garissa	2000	0.84 (0.75–0.94)
Garissa	2001	0.84 (0.75–0.95)
Garissa	2002	0.83 (0.74–0.94)
Garissa	2003	0.82 (0.72–0.92)
Garissa	2004	0.8 (0.71–0.91)
Garissa	2005	0.79 (0.7–0.89)
Garissa	2006	0.78 (0.7–0.88)
Garissa	2007	0.77 (0.69–0.87)
Garissa	2008	0.77 (0.68–0.87)
Garissa	2009	0.76 (0.66–0.87)
Garissa	2010	0.75 (0.65–0.87)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Garissa	2011	0.75 (0.64–0.87)
Garissa	2012	0.74 (0.64–0.86)
Garissa	2013	0.73 (0.63–0.85)
Garissa	2014	0.73 (0.64–0.83)
Garissa	2015	0.73 (0.66–0.81)
Garissa	2016	0.72 (0.68–0.77)
Garissa	2017	0.71 (0.71–0.72)
HomaBay	1950	0.77 (0.71–0.83)
HomaBay	1951	0.77 (0.7–0.84)
HomaBay	1952	0.77 (0.7–0.84)
HomaBay	1953	0.77 (0.69–0.84)
HomaBay	1954	0.76 (0.68–0.84)
HomaBay	1955	0.75 (0.67–0.84)
HomaBay	1956	0.75 (0.67–0.84)
HomaBay	1957	0.75 (0.67–0.83)
HomaBay	1958	0.74 (0.67–0.83)
HomaBay	1959	0.74 (0.67–0.82)
HomaBay	1960	0.75 (0.68–0.81)
HomaBay	1961	0.75 (0.68–0.82)
HomaBay	1962	0.75 (0.68–0.82)
HomaBay	1963	0.76 (0.68–0.83)
HomaBay	1964	0.77 (0.69–0.84)
HomaBay	1965	0.77 (0.7–0.85)
HomaBay	1966	0.78 (0.71–0.86)
HomaBay	1967	0.8 (0.72–0.87)
HomaBay	1968	0.81 (0.74–0.89)
HomaBay	1969	0.82 (0.75–0.89)
HomaBay	1970	0.83 (0.77–0.91)
HomaBay	1971	0.85 (0.78–0.92)
HomaBay	1972	0.86 (0.79–0.94)
HomaBay	1973	0.87 (0.8–0.95)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
HomaBay	1974	0.88 (0.81–0.96)
HomaBay	1975	0.9 (0.81–0.98)
HomaBay	1976	0.91 (0.82–1.0)
HomaBay	1977	0.92 (0.83–1.01)
HomaBay	1978	0.93 (0.84–1.01)
HomaBay	1979	0.93 (0.85–1.01)
HomaBay	1980	0.93 (0.85–1.01)
HomaBay	1981	0.93 (0.86–1.01)
HomaBay	1982	0.93 (0.86–1.02)
HomaBay	1983	0.93 (0.85–1.01)
HomaBay	1984	0.93 (0.85–1.0)
HomaBay	1985	0.92 (0.84–0.99)
HomaBay	1986	0.91 (0.85–0.98)
HomaBay	1987	0.91 (0.85–0.97)
HomaBay	1988	0.91 (0.85–0.97)
HomaBay	1989	0.91 (0.85–0.97)
HomaBay	1990	0.91 (0.85–0.97)
HomaBay	1991	0.92 (0.85–0.98)
HomaBay	1992	0.92 (0.86–0.99)
HomaBay	1993	0.93 (0.87–1.0)
HomaBay	1994	0.94 (0.88–1.02)
HomaBay	1995	0.95 (0.88–1.03)
HomaBay	1996	0.96 (0.88–1.05)
HomaBay	1997	0.96 (0.88–1.05)
HomaBay	1998	0.96 (0.88–1.04)
HomaBay	1999	0.96 (0.89–1.03)
HomaBay	2000	0.96 (0.89–1.03)
HomaBay	2001	0.95 (0.88–1.03)
HomaBay	2002	0.94 (0.86–1.03)
HomaBay	2003	0.93 (0.85–1.02)
HomaBay	2004	0.92 (0.84–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
HomaBay	2005	0.91 (0.84–1.01)
HomaBay	2006	0.91 (0.83–0.99)
HomaBay	2007	0.91 (0.83–0.97)
HomaBay	2008	0.91 (0.83–0.99)
HomaBay	2009	0.91 (0.82–1.01)
HomaBay	2010	0.9 (0.8–1.02)
HomaBay	2011	0.9 (0.79–1.02)
HomaBay	2012	0.9 (0.79–1.03)
HomaBay	2013	0.89 (0.78–1.02)
HomaBay	2014	0.89 (0.78–1.01)
HomaBay	2015	0.89 (0.78–1.01)
HomaBay	2016	0.88 (0.78–1.0)
HomaBay	2017	0.88 (0.77–1.01)
Isiolo	1950	0.61 (0.59–0.62)
Isiolo	1951	0.62 (0.59–0.64)
Isiolo	1952	0.63 (0.59–0.67)
Isiolo	1953	0.63 (0.58–0.68)
Isiolo	1954	0.64 (0.58–0.69)
Isiolo	1955	0.65 (0.59–0.71)
Isiolo	1956	0.65 (0.58–0.72)
Isiolo	1957	0.65 (0.58–0.73)
Isiolo	1958	0.66 (0.59–0.73)
Isiolo	1959	0.66 (0.59–0.73)
Isiolo	1960	0.66 (0.59–0.75)
Isiolo	1961	0.67 (0.59–0.75)
Isiolo	1962	0.68 (0.61–0.74)
Isiolo	1963	0.68 (0.62–0.75)
Isiolo	1964	0.69 (0.63–0.77)
Isiolo	1965	0.71 (0.64–0.78)
Isiolo	1966	0.72 (0.66–0.79)
Isiolo	1967	0.73 (0.67–0.8)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Isiolo	1968	0.75 (0.68–0.83)
Isiolo	1969	0.76 (0.69–0.84)
Isiolo	1970	0.78 (0.71–0.85)
Isiolo	1971	0.79 (0.73–0.85)
Isiolo	1972	0.8 (0.74–0.86)
Isiolo	1973	0.81 (0.75–0.88)
Isiolo	1974	0.82 (0.76–0.89)
Isiolo	1975	0.83 (0.77–0.9)
Isiolo	1976	0.84 (0.77–0.91)
Isiolo	1977	0.84 (0.77–0.92)
Isiolo	1978	0.85 (0.78–0.92)
Isiolo	1979	0.86 (0.79–0.94)
Isiolo	1980	0.87 (0.8–0.95)
Isiolo	1981	0.88 (0.8–0.96)
Isiolo	1982	0.89 (0.81–0.97)
Isiolo	1983	0.9 (0.81–0.98)
Isiolo	1984	0.9 (0.81–0.99)
Isiolo	1985	0.9 (0.81–1.0)
Isiolo	1986	0.91 (0.81–1.0)
Isiolo	1987	0.91 (0.82–1.0)
Isiolo	1988	0.92 (0.84–1.0)
Isiolo	1989	0.92 (0.85–1.0)
Isiolo	1990	0.93 (0.86–1.0)
Isiolo	1991	0.94 (0.86–1.01)
Isiolo	1992	0.94 (0.86–1.03)
Isiolo	1993	0.95 (0.86–1.05)
Isiolo	1994	0.95 (0.86–1.05)
Isiolo	1995	0.95 (0.86–1.04)
Isiolo	1996	0.95 (0.86–1.04)
Isiolo	1997	0.95 (0.87–1.04)
Isiolo	1998	0.95 (0.88–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Isiolo	1999	0.95 (0.88–1.03)
Isiolo	2000	0.95 (0.87–1.03)
Isiolo	2001	0.94 (0.85–1.04)
Isiolo	2002	0.94 (0.84–1.04)
Isiolo	2003	0.94 (0.84–1.04)
Isiolo	2004	0.93 (0.84–1.04)
Isiolo	2005	0.93 (0.83–1.03)
Isiolo	2006	0.92 (0.84–1.01)
Isiolo	2007	0.93 (0.85–1.01)
Isiolo	2008	0.94 (0.85–1.04)
Isiolo	2009	0.95 (0.85–1.07)
Isiolo	2010	0.96 (0.84–1.09)
Isiolo	2011	0.96 (0.84–1.09)
Isiolo	2012	0.97 (0.85–1.12)
Isiolo	2013	0.99 (0.86–1.13)
Isiolo	2014	1.0 (0.88–1.12)
Isiolo	2015	1.0 (0.91–1.1)
Isiolo	2016	1.0 (0.94–1.06)
Isiolo	2017	1.0 (0.96–1.03)
Kajiado	1950	0.28 (0.27–0.28)
Kajiado	1951	0.28 (0.26–0.29)
Kajiado	1952	0.28 (0.26–0.3)
Kajiado	1953	0.28 (0.26–0.31)
Kajiado	1954	0.29 (0.26–0.31)
Kajiado	1955	0.29 (0.27–0.32)
Kajiado	1956	0.3 (0.27–0.33)
Kajiado	1957	0.3 (0.27–0.34)
Kajiado	1958	0.31 (0.27–0.35)
Kajiado	1959	0.31 (0.27–0.36)
Kajiado	1960	0.32 (0.27–0.36)
Kajiado	1961	0.32 (0.28–0.37)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kajiado	1962	0.33 (0.29–0.37)
Kajiado	1963	0.34 (0.3–0.38)
Kajiado	1964	0.35 (0.31–0.39)
Kajiado	1965	0.36 (0.32–0.4)
Kajiado	1966	0.38 (0.33–0.43)
Kajiado	1967	0.4 (0.35–0.45)
Kajiado	1968	0.42 (0.37–0.48)
Kajiado	1969	0.45 (0.4–0.5)
Kajiado	1970	0.47 (0.42–0.53)
Kajiado	1971	0.5 (0.45–0.55)
Kajiado	1972	0.53 (0.48–0.58)
Kajiado	1973	0.55 (0.5–0.61)
Kajiado	1974	0.58 (0.52–0.64)
Kajiado	1975	0.6 (0.54–0.67)
Kajiado	1976	0.63 (0.56–0.7)
Kajiado	1977	0.66 (0.57–0.74)
Kajiado	1978	0.68 (0.59–0.78)
Kajiado	1979	0.7 (0.61–0.81)
Kajiado	1980	0.72 (0.62–0.83)
Kajiado	1981	0.74 (0.63–0.85)
Kajiado	1982	0.75 (0.65–0.86)
Kajiado	1983	0.77 (0.67–0.87)
Kajiado	1984	0.78 (0.69–0.87)
Kajiado	1985	0.79 (0.71–0.88)
Kajiado	1986	0.8 (0.73–0.87)
Kajiado	1987	0.81 (0.73–0.89)
Kajiado	1988	0.82 (0.74–0.91)
Kajiado	1989	0.84 (0.74–0.94)
Kajiado	1990	0.86 (0.75–0.97)
Kajiado	1991	0.87 (0.76–0.99)
Kajiado	1992	0.9 (0.78–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kajiado	1993	0.92 (0.81–1.02)
Kajiado	1994	0.94 (0.84–1.03)
Kajiado	1995	0.96 (0.87–1.05)
Kajiado	1996	0.97 (0.88–1.06)
Kajiado	1997	0.98 (0.88–1.09)
Kajiado	1998	0.99 (0.87–1.11)
Kajiado	1999	0.99 (0.86–1.13)
Kajiado	2000	0.99 (0.85–1.13)
Kajiado	2001	0.99 (0.86–1.14)
Kajiado	2002	0.99 (0.86–1.13)
Kajiado	2003	0.98 (0.86–1.12)
Kajiado	2004	0.98 (0.86–1.1)
Kajiado	2005	0.98 (0.87–1.1)
Kajiado	2006	0.98 (0.87–1.1)
Kajiado	2007	0.97 (0.86–1.11)
Kajiado	2008	0.98 (0.85–1.13)
Kajiado	2009	0.99 (0.85–1.13)
Kajiado	2010	0.99 (0.85–1.12)
Kajiado	2011	0.98 (0.85–1.12)
Kajiado	2012	0.98 (0.85–1.13)
Kajiado	2013	0.99 (0.86–1.13)
Kajiado	2014	1.0 (0.89–1.11)
Kajiado	2015	1.0 (0.91–1.09)
Kajiado	2016	1.01 (0.95–1.07)
Kajiado	2017	1.0 (0.99–1.02)
Kakamega	1950	0.8 (0.79–0.81)
Kakamega	1951	0.82 (0.78–0.85)
Kakamega	1952	0.82 (0.77–0.88)
Kakamega	1953	0.82 (0.76–0.89)
Kakamega	1954	0.82 (0.74–0.9)
Kakamega	1955	0.82 (0.73–0.92)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kakamega	1956	0.82 (0.72–0.93)
Kakamega	1957	0.81 (0.71–0.92)
Kakamega	1958	0.81 (0.71–0.91)
Kakamega	1959	0.81 (0.71–0.91)
Kakamega	1960	0.81 (0.71–0.91)
Kakamega	1961	0.81 (0.71–0.9)
Kakamega	1962	0.81 (0.72–0.9)
Kakamega	1963	0.81 (0.73–0.9)
Kakamega	1964	0.82 (0.73–0.91)
Kakamega	1965	0.83 (0.74–0.92)
Kakamega	1966	0.84 (0.76–0.92)
Kakamega	1967	0.85 (0.77–0.94)
Kakamega	1968	0.86 (0.78–0.95)
Kakamega	1969	0.87 (0.79–0.97)
Kakamega	1970	0.89 (0.81–0.97)
Kakamega	1971	0.91 (0.83–0.99)
Kakamega	1972	0.92 (0.84–1.01)
Kakamega	1973	0.94 (0.85–1.03)
Kakamega	1974	0.95 (0.85–1.05)
Kakamega	1975	0.96 (0.84–1.08)
Kakamega	1976	0.97 (0.84–1.11)
Kakamega	1977	0.98 (0.83–1.14)
Kakamega	1978	0.98 (0.83–1.15)
Kakamega	1979	0.99 (0.84–1.15)
Kakamega	1980	0.99 (0.85–1.14)
Kakamega	1981	1.0 (0.86–1.15)
Kakamega	1982	1.0 (0.87–1.14)
Kakamega	1983	1.0 (0.9–1.12)
Kakamega	1984	1.0 (0.91–1.1)
Kakamega	1985	1.0 (0.92–1.08)
Kakamega	1986	1.0 (0.93–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kakamega	1987	1.0 (0.93–1.08)
Kakamega	1988	1.01 (0.94–1.08)
Kakamega	1989	1.01 (0.95–1.09)
Kakamega	1990	1.03 (0.97–1.09)
Kakamega	1991	1.04 (0.99–1.1)
Kakamega	1992	1.06 (0.99–1.14)
Kakamega	1993	1.08 (0.99–1.17)
Kakamega	1994	1.1 (1.0–1.2)
Kakamega	1995	1.11 (1.01–1.24)
Kakamega	1996	1.12 (1.01–1.24)
Kakamega	1997	1.12 (1.01–1.23)
Kakamega	1998	1.12 (1.01–1.22)
Kakamega	1999	1.11 (1.01–1.23)
Kakamega	2000	1.11 (1.0–1.23)
Kakamega	2001	1.1 (0.98–1.24)
Kakamega	2002	1.1 (0.97–1.24)
Kakamega	2003	1.1 (0.97–1.24)
Kakamega	2004	1.1 (0.98–1.23)
Kakamega	2005	1.1 (0.99–1.22)
Kakamega	2006	1.11 (1.0–1.22)
Kakamega	2007	1.13 (1.03–1.23)
Kakamega	2008	1.14 (1.03–1.25)
Kakamega	2009	1.14 (1.01–1.27)
Kakamega	2010	1.13 (1.0–1.27)
Kakamega	2011	1.13 (0.99–1.27)
Kakamega	2012	1.13 (1.0–1.26)
Kakamega	2013	1.12 (1.01–1.25)
Kakamega	2014	1.13 (1.03–1.24)
Kakamega	2015	1.12 (1.04–1.2)
Kakamega	2016	1.12 (1.07–1.17)
Kakamega	2017	1.11 (1.09–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kericho	1950	0.27 (0.26–0.27)
Kericho	1951	0.27 (0.26–0.29)
Kericho	1952	0.28 (0.26–0.3)
Kericho	1953	0.28 (0.26–0.3)
Kericho	1954	0.28 (0.26–0.31)
Kericho	1955	0.29 (0.26–0.32)
Kericho	1956	0.29 (0.26–0.33)
Kericho	1957	0.3 (0.26–0.34)
Kericho	1958	0.3 (0.26–0.34)
Kericho	1959	0.31 (0.27–0.35)
Kericho	1960	0.31 (0.27–0.35)
Kericho	1961	0.32 (0.28–0.36)
Kericho	1962	0.32 (0.29–0.36)
Kericho	1963	0.33 (0.3–0.37)
Kericho	1964	0.34 (0.31–0.38)
Kericho	1965	0.36 (0.31–0.4)
Kericho	1966	0.37 (0.33–0.42)
Kericho	1967	0.39 (0.35–0.45)
Kericho	1968	0.42 (0.37–0.48)
Kericho	1969	0.44 (0.39–0.5)
Kericho	1970	0.47 (0.42–0.53)
Kericho	1971	0.5 (0.45–0.55)
Kericho	1972	0.52 (0.48–0.57)
Kericho	1973	0.55 (0.5–0.61)
Kericho	1974	0.58 (0.52–0.64)
Kericho	1975	0.6 (0.54–0.67)
Kericho	1976	0.63 (0.56–0.7)
Kericho	1977	0.65 (0.57–0.73)
Kericho	1978	0.68 (0.59–0.77)
Kericho	1979	0.7 (0.61–0.81)
Kericho	1980	0.72 (0.62–0.83)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kericho	1981	0.74 (0.63–0.85)
Kericho	1982	0.75 (0.66–0.86)
Kericho	1983	0.77 (0.67–0.87)
Kericho	1984	0.78 (0.69–0.88)
Kericho	1985	0.79 (0.71–0.88)
Kericho	1986	0.8 (0.73–0.88)
Kericho	1987	0.81 (0.73–0.89)
Kericho	1988	0.82 (0.74–0.91)
Kericho	1989	0.84 (0.74–0.94)
Kericho	1990	0.86 (0.75–0.97)
Kericho	1991	0.87 (0.76–0.99)
Kericho	1992	0.89 (0.78–1.01)
Kericho	1993	0.92 (0.81–1.02)
Kericho	1994	0.94 (0.84–1.03)
Kericho	1995	0.96 (0.87–1.06)
Kericho	1996	0.97 (0.88–1.07)
Kericho	1997	0.98 (0.88–1.09)
Kericho	1998	0.99 (0.87–1.11)
Kericho	1999	0.99 (0.86–1.13)
Kericho	2000	0.99 (0.85–1.13)
Kericho	2001	0.99 (0.86–1.15)
Kericho	2002	0.99 (0.85–1.13)
Kericho	2003	0.98 (0.85–1.12)
Kericho	2004	0.98 (0.86–1.1)
Kericho	2005	0.98 (0.87–1.1)
Kericho	2006	0.98 (0.87–1.1)
Kericho	2007	0.97 (0.86–1.11)
Kericho	2008	0.98 (0.85–1.13)
Kericho	2009	0.99 (0.85–1.13)
Kericho	2010	0.99 (0.85–1.12)
Kericho	2011	0.98 (0.85–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kericho	2012	0.98 (0.85–1.13)
Kericho	2013	0.99 (0.86–1.13)
Kericho	2014	1.0 (0.89–1.11)
Kericho	2015	1.0 (0.91–1.09)
Kericho	2016	1.01 (0.95–1.07)
Kericho	2017	1.0 (0.99–1.02)
Kiambu	1950	0.44 (0.44–0.45)
Kiambu	1951	0.45 (0.43–0.47)
Kiambu	1952	0.46 (0.43–0.49)
Kiambu	1953	0.47 (0.44–0.5)
Kiambu	1954	0.47 (0.44–0.51)
Kiambu	1955	0.48 (0.45–0.52)
Kiambu	1956	0.49 (0.45–0.54)
Kiambu	1957	0.5 (0.44–0.56)
Kiambu	1958	0.51 (0.44–0.58)
Kiambu	1959	0.52 (0.45–0.59)
Kiambu	1960	0.52 (0.46–0.6)
Kiambu	1961	0.53 (0.47–0.6)
Kiambu	1962	0.54 (0.48–0.61)
Kiambu	1963	0.56 (0.5–0.63)
Kiambu	1964	0.57 (0.5–0.65)
Kiambu	1965	0.6 (0.52–0.68)
Kiambu	1966	0.62 (0.54–0.71)
Kiambu	1967	0.65 (0.57–0.74)
Kiambu	1968	0.68 (0.6–0.78)
Kiambu	1969	0.71 (0.62–0.81)
Kiambu	1970	0.75 (0.65–0.85)
Kiambu	1971	0.78 (0.69–0.87)
Kiambu	1972	0.8 (0.72–0.88)
Kiambu	1973	0.83 (0.76–0.9)
Kiambu	1974	0.85 (0.78–0.92)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kiambu	1975	0.87 (0.8–0.95)
Kiambu	1976	0.88 (0.79–0.97)
Kiambu	1977	0.88 (0.79–0.98)
Kiambu	1978	0.88 (0.79–0.98)
Kiambu	1979	0.89 (0.8–0.99)
Kiambu	1980	0.89 (0.8–0.99)
Kiambu	1981	0.88 (0.8–0.96)
Kiambu	1982	0.87 (0.8–0.95)
Kiambu	1983	0.88 (0.8–0.97)
Kiambu	1984	0.88 (0.79–0.99)
Kiambu	1985	0.89 (0.79–1.01)
Kiambu	1986	0.9 (0.78–1.04)
Kiambu	1987	0.91 (0.78–1.06)
Kiambu	1988	0.92 (0.79–1.07)
Kiambu	1989	0.93 (0.79–1.1)
Kiambu	1990	0.94 (0.8–1.09)
Kiambu	1991	0.95 (0.81–1.08)
Kiambu	1992	0.96 (0.85–1.07)
Kiambu	1993	0.97 (0.86–1.09)
Kiambu	1994	0.98 (0.88–1.1)
Kiambu	1995	0.98 (0.87–1.1)
Kiambu	1996	0.98 (0.86–1.11)
Kiambu	1997	0.99 (0.85–1.14)
Kiambu	1998	0.99 (0.84–1.16)
Kiambu	1999	0.99 (0.83–1.17)
Kiambu	2000	0.99 (0.83–1.18)
Kiambu	2001	0.98 (0.83–1.15)
Kiambu	2002	0.96 (0.83–1.12)
Kiambu	2003	0.95 (0.83–1.09)
Kiambu	2004	0.93 (0.83–1.05)
Kiambu	2005	0.92 (0.82–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kiambu	2006	0.91 (0.8–1.03)
Kiambu	2007	0.91 (0.78–1.06)
Kiambu	2008	0.92 (0.77–1.09)
Kiambu	2009	0.93 (0.77–1.11)
Kiambu	2010	0.93 (0.78–1.11)
Kiambu	2011	0.94 (0.79–1.1)
Kiambu	2012	0.93 (0.8–1.08)
Kiambu	2013	0.92 (0.81–1.06)
Kiambu	2014	0.92 (0.82–1.02)
Kiambu	2015	0.92 (0.84–1.02)
Kiambu	2016	0.93 (0.87–0.99)
Kiambu	2017	0.93 (0.91–0.94)
Kilifi	1950	0.93 (0.92–0.94)
Kilifi	1951	0.93 (0.89–0.97)
Kilifi	1952	0.92 (0.87–0.99)
Kilifi	1953	0.91 (0.85–0.98)
Kilifi	1954	0.9 (0.84–0.97)
Kilifi	1955	0.9 (0.83–0.98)
Kilifi	1956	0.91 (0.82–1.0)
Kilifi	1957	0.91 (0.82–1.01)
Kilifi	1958	0.91 (0.82–1.02)
Kilifi	1959	0.91 (0.81–1.02)
Kilifi	1960	0.92 (0.82–1.03)
Kilifi	1961	0.92 (0.82–1.03)
Kilifi	1962	0.93 (0.82–1.04)
Kilifi	1963	0.94 (0.83–1.06)
Kilifi	1964	0.95 (0.84–1.07)
Kilifi	1965	0.96 (0.84–1.08)
Kilifi	1966	0.97 (0.86–1.1)
Kilifi	1967	0.98 (0.86–1.11)
Kilifi	1968	0.98 (0.88–1.11)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kilifi	1969	0.99 (0.89–1.11)
Kilifi	1970	1.0 (0.9–1.11)
Kilifi	1971	1.01 (0.9–1.12)
Kilifi	1972	1.01 (0.9–1.12)
Kilifi	1973	1.0 (0.9–1.11)
Kilifi	1974	0.99 (0.9–1.09)
Kilifi	1975	0.99 (0.89–1.09)
Kilifi	1976	0.99 (0.88–1.09)
Kilifi	1977	0.99 (0.88–1.09)
Kilifi	1978	0.99 (0.89–1.08)
Kilifi	1979	0.99 (0.89–1.09)
Kilifi	1980	0.99 (0.89–1.1)
Kilifi	1981	0.99 (0.88–1.11)
Kilifi	1982	0.99 (0.88–1.1)
Kilifi	1983	1.0 (0.88–1.11)
Kilifi	1984	1.0 (0.89–1.12)
Kilifi	1985	1.0 (0.9–1.11)
Kilifi	1986	1.01 (0.91–1.13)
Kilifi	1987	1.02 (0.91–1.15)
Kilifi	1988	1.02 (0.91–1.15)
Kilifi	1989	1.03 (0.92–1.15)
Kilifi	1990	1.03 (0.91–1.16)
Kilifi	1991	1.04 (0.92–1.17)
Kilifi	1992	1.05 (0.93–1.19)
Kilifi	1993	1.06 (0.95–1.19)
Kilifi	1994	1.06 (0.95–1.19)
Kilifi	1995	1.07 (0.97–1.19)
Kilifi	1996	1.07 (0.97–1.17)
Kilifi	1997	1.07 (0.97–1.17)
Kilifi	1998	1.06 (0.98–1.15)
Kilifi	1999	1.06 (0.98–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kilifi	2000	1.06 (0.97–1.14)
Kilifi	2001	1.06 (0.96–1.16)
Kilifi	2002	1.05 (0.94–1.16)
Kilifi	2003	1.03 (0.92–1.16)
Kilifi	2004	1.02 (0.91–1.14)
Kilifi	2005	1.0 (0.88–1.14)
Kilifi	2006	0.99 (0.87–1.12)
Kilifi	2007	0.99 (0.87–1.13)
Kilifi	2008	1.0 (0.86–1.13)
Kilifi	2009	1.01 (0.86–1.17)
Kilifi	2010	1.01 (0.87–1.18)
Kilifi	2011	1.01 (0.86–1.17)
Kilifi	2012	1.01 (0.87–1.16)
Kilifi	2013	1.0 (0.87–1.14)
Kilifi	2014	1.0 (0.89–1.1)
Kilifi	2015	1.0 (0.91–1.09)
Kilifi	2016	1.0 (0.94–1.05)
Kilifi	2017	0.99 (0.98–1.0)
Kirinyaga	1950	0.47 (0.46–0.47)
Kirinyaga	1951	0.48 (0.46–0.5)
Kirinyaga	1952	0.48 (0.46–0.51)
Kirinyaga	1953	0.49 (0.46–0.52)
Kirinyaga	1954	0.5 (0.47–0.53)
Kirinyaga	1955	0.5 (0.47–0.54)
Kirinyaga	1956	0.51 (0.47–0.56)
Kirinyaga	1957	0.52 (0.46–0.58)
Kirinyaga	1958	0.53 (0.46–0.59)
Kirinyaga	1959	0.53 (0.46–0.61)
Kirinyaga	1960	0.54 (0.48–0.61)
Kirinyaga	1961	0.55 (0.49–0.61)
Kirinyaga	1962	0.56 (0.5–0.62)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kirinyaga	1963	0.57 (0.51–0.64)
Kirinyaga	1964	0.59 (0.52–0.66)
Kirinyaga	1965	0.61 (0.54–0.69)
Kirinyaga	1966	0.64 (0.56–0.72)
Kirinyaga	1967	0.66 (0.58–0.75)
Kirinyaga	1968	0.69 (0.61–0.79)
Kirinyaga	1969	0.72 (0.63–0.82)
Kirinyaga	1970	0.76 (0.66–0.85)
Kirinyaga	1971	0.79 (0.7–0.88)
Kirinyaga	1972	0.81 (0.74–0.89)
Kirinyaga	1973	0.83 (0.77–0.9)
Kirinyaga	1974	0.85 (0.79–0.92)
Kirinyaga	1975	0.88 (0.8–0.95)
Kirinyaga	1976	0.89 (0.8–0.97)
Kirinyaga	1977	0.89 (0.8–0.98)
Kirinyaga	1978	0.89 (0.79–0.98)
Kirinyaga	1979	0.89 (0.8–0.99)
Kirinyaga	1980	0.89 (0.81–0.99)
Kirinyaga	1981	0.88 (0.8–0.96)
Kirinyaga	1982	0.88 (0.8–0.95)
Kirinyaga	1983	0.88 (0.81–0.97)
Kirinyaga	1984	0.88 (0.79–0.99)
Kirinyaga	1985	0.89 (0.79–1.01)
Kirinyaga	1986	0.9 (0.78–1.04)
Kirinyaga	1987	0.91 (0.78–1.06)
Kirinyaga	1988	0.92 (0.79–1.07)
Kirinyaga	1989	0.93 (0.79–1.1)
Kirinyaga	1990	0.94 (0.8–1.09)
Kirinyaga	1991	0.95 (0.81–1.08)
Kirinyaga	1992	0.96 (0.85–1.07)
Kirinyaga	1993	0.97 (0.86–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kirinyaga	1994	0.98 (0.88–1.1)
Kirinyaga	1995	0.98 (0.87–1.1)
Kirinyaga	1996	0.98 (0.86–1.11)
Kirinyaga	1997	0.99 (0.85–1.14)
Kirinyaga	1998	0.99 (0.85–1.16)
Kirinyaga	1999	0.99 (0.83–1.17)
Kirinyaga	2000	0.99 (0.83–1.18)
Kirinyaga	2001	0.98 (0.83–1.15)
Kirinyaga	2002	0.96 (0.83–1.12)
Kirinyaga	2003	0.95 (0.83–1.09)
Kirinyaga	2004	0.93 (0.83–1.05)
Kirinyaga	2005	0.92 (0.82–1.03)
Kirinyaga	2006	0.92 (0.8–1.03)
Kirinyaga	2007	0.91 (0.78–1.06)
Kirinyaga	2008	0.92 (0.77–1.09)
Kirinyaga	2009	0.93 (0.77–1.11)
Kirinyaga	2010	0.93 (0.78–1.11)
Kirinyaga	2011	0.94 (0.79–1.1)
Kirinyaga	2012	0.93 (0.8–1.08)
Kirinyaga	2013	0.92 (0.81–1.06)
Kirinyaga	2014	0.92 (0.82–1.02)
Kirinyaga	2015	0.92 (0.84–1.02)
Kirinyaga	2016	0.93 (0.87–0.99)
Kirinyaga	2017	0.93 (0.91–0.94)
Kisii	1950	0.74 (0.66–0.81)
Kisii	1951	0.74 (0.65–0.82)
Kisii	1952	0.74 (0.65–0.82)
Kisii	1953	0.73 (0.65–0.82)
Kisii	1954	0.72 (0.63–0.82)
Kisii	1955	0.72 (0.63–0.82)
Kisii	1956	0.72 (0.63–0.82)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kisii	1957	0.71 (0.63–0.81)
Kisii	1958	0.71 (0.63–0.8)
Kisii	1959	0.71 (0.63–0.8)
Kisii	1960	0.71 (0.64–0.79)
Kisii	1961	0.72 (0.64–0.79)
Kisii	1962	0.72 (0.65–0.8)
Kisii	1963	0.73 (0.65–0.81)
Kisii	1964	0.74 (0.66–0.82)
Kisii	1965	0.75 (0.67–0.83)
Kisii	1966	0.76 (0.68–0.85)
Kisii	1967	0.77 (0.69–0.86)
Kisii	1968	0.79 (0.71–0.87)
Kisii	1969	0.8 (0.72–0.88)
Kisii	1970	0.82 (0.74–0.9)
Kisii	1971	0.83 (0.75–0.92)
Kisii	1972	0.84 (0.76–0.93)
Kisii	1973	0.86 (0.78–0.94)
Kisii	1974	0.87 (0.79–0.96)
Kisii	1975	0.89 (0.79–0.98)
Kisii	1976	0.9 (0.8–1.0)
Kisii	1977	0.91 (0.81–1.01)
Kisii	1978	0.92 (0.83–1.01)
Kisii	1979	0.92 (0.83–1.01)
Kisii	1980	0.93 (0.84–1.01)
Kisii	1981	0.93 (0.85–1.01)
Kisii	1982	0.93 (0.85–1.02)
Kisii	1983	0.93 (0.84–1.01)
Kisii	1984	0.92 (0.84–1.0)
Kisii	1985	0.91 (0.83–0.99)
Kisii	1986	0.91 (0.84–0.98)
Kisii	1987	0.9 (0.84–0.97)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kisii	1988	0.9 (0.84–0.97)
Kisii	1989	0.9 (0.84–0.97)
Kisii	1990	0.91 (0.84–0.97)
Kisii	1991	0.91 (0.84–0.98)
Kisii	1992	0.92 (0.85–0.99)
Kisii	1993	0.93 (0.86–1.0)
Kisii	1994	0.94 (0.87–1.02)
Kisii	1995	0.95 (0.88–1.03)
Kisii	1996	0.96 (0.88–1.05)
Kisii	1997	0.96 (0.87–1.05)
Kisii	1998	0.96 (0.88–1.05)
Kisii	1999	0.96 (0.88–1.03)
Kisii	2000	0.95 (0.88–1.03)
Kisii	2001	0.95 (0.87–1.04)
Kisii	2002	0.94 (0.85–1.03)
Kisii	2003	0.93 (0.84–1.02)
Kisii	2004	0.92 (0.84–1.01)
Kisii	2005	0.91 (0.83–1.01)
Kisii	2006	0.9 (0.82–0.99)
Kisii	2007	0.9 (0.83–0.97)
Kisii	2008	0.9 (0.82–0.99)
Kisii	2009	0.91 (0.81–1.01)
Kisii	2010	0.9 (0.8–1.02)
Kisii	2011	0.9 (0.78–1.02)
Kisii	2012	0.9 (0.78–1.03)
Kisii	2013	0.89 (0.78–1.02)
Kisii	2014	0.89 (0.77–1.01)
Kisii	2015	0.88 (0.77–1.01)
Kisii	2016	0.88 (0.77–1.0)
Kisii	2017	0.88 (0.76–1.01)
Kisumu	1950	0.75 (0.67–0.82)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kisumu	1951	0.75 (0.66–0.83)
Kisumu	1952	0.75 (0.66–0.83)
Kisumu	1953	0.74 (0.66–0.83)
Kisumu	1954	0.73 (0.64–0.82)
Kisumu	1955	0.73 (0.64–0.82)
Kisumu	1956	0.73 (0.64–0.82)
Kisumu	1957	0.72 (0.64–0.82)
Kisumu	1958	0.72 (0.64–0.81)
Kisumu	1959	0.72 (0.65–0.8)
Kisumu	1960	0.72 (0.65–0.8)
Kisumu	1961	0.73 (0.65–0.8)
Kisumu	1962	0.73 (0.66–0.81)
Kisumu	1963	0.74 (0.66–0.82)
Kisumu	1964	0.75 (0.67–0.83)
Kisumu	1965	0.76 (0.68–0.84)
Kisumu	1966	0.77 (0.69–0.85)
Kisumu	1967	0.78 (0.7–0.86)
Kisumu	1968	0.79 (0.72–0.88)
Kisumu	1969	0.81 (0.73–0.89)
Kisumu	1970	0.82 (0.75–0.9)
Kisumu	1971	0.84 (0.76–0.92)
Kisumu	1972	0.85 (0.77–0.93)
Kisumu	1973	0.86 (0.79–0.95)
Kisumu	1974	0.88 (0.79–0.96)
Kisumu	1975	0.89 (0.8–0.98)
Kisumu	1976	0.9 (0.81–1.0)
Kisumu	1977	0.91 (0.81–1.01)
Kisumu	1978	0.92 (0.83–1.01)
Kisumu	1979	0.93 (0.84–1.01)
Kisumu	1980	0.93 (0.85–1.01)
Kisumu	1981	0.93 (0.85–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kisumu	1982	0.93 (0.85–1.02)
Kisumu	1983	0.93 (0.85–1.01)
Kisumu	1984	0.92 (0.84–1.0)
Kisumu	1985	0.91 (0.84–0.99)
Kisumu	1986	0.91 (0.84–0.98)
Kisumu	1987	0.91 (0.84–0.97)
Kisumu	1988	0.9 (0.84–0.97)
Kisumu	1989	0.9 (0.85–0.97)
Kisumu	1990	0.91 (0.84–0.97)
Kisumu	1991	0.91 (0.84–0.98)
Kisumu	1992	0.92 (0.85–0.99)
Kisumu	1993	0.93 (0.87–1.0)
Kisumu	1994	0.94 (0.87–1.02)
Kisumu	1995	0.95 (0.88–1.03)
Kisumu	1996	0.96 (0.88–1.05)
Kisumu	1997	0.96 (0.88–1.05)
Kisumu	1998	0.96 (0.88–1.05)
Kisumu	1999	0.96 (0.88–1.03)
Kisumu	2000	0.95 (0.88–1.03)
Kisumu	2001	0.95 (0.87–1.03)
Kisumu	2002	0.94 (0.85–1.03)
Kisumu	2003	0.93 (0.84–1.02)
Kisumu	2004	0.92 (0.84–1.01)
Kisumu	2005	0.91 (0.83–1.01)
Kisumu	2006	0.91 (0.83–0.99)
Kisumu	2007	0.9 (0.83–0.97)
Kisumu	2008	0.91 (0.83–0.99)
Kisumu	2009	0.91 (0.81–1.01)
Kisumu	2010	0.9 (0.8–1.02)
Kisumu	2011	0.9 (0.78–1.02)
Kisumu	2012	0.9 (0.79–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kisumu	2013	0.89 (0.78–1.02)
Kisumu	2014	0.89 (0.78–1.01)
Kisumu	2015	0.88 (0.77–1.01)
Kisumu	2016	0.88 (0.77–1.0)
Kisumu	2017	0.88 (0.76–1.01)
Kitui	1950	0.57 (0.56–0.59)
Kitui	1951	0.58 (0.56–0.61)
Kitui	1952	0.59 (0.55–0.63)
Kitui	1953	0.6 (0.55–0.65)
Kitui	1954	0.61 (0.55–0.66)
Kitui	1955	0.62 (0.56–0.68)
Kitui	1956	0.62 (0.55–0.69)
Kitui	1957	0.62 (0.55–0.7)
Kitui	1958	0.62 (0.55–0.7)
Kitui	1959	0.63 (0.56–0.71)
Kitui	1960	0.63 (0.56–0.71)
Kitui	1961	0.64 (0.56–0.71)
Kitui	1962	0.64 (0.57–0.72)
Kitui	1963	0.65 (0.58–0.73)
Kitui	1964	0.66 (0.59–0.74)
Kitui	1965	0.67 (0.6–0.75)
Kitui	1966	0.69 (0.62–0.76)
Kitui	1967	0.7 (0.63–0.78)
Kitui	1968	0.72 (0.65–0.8)
Kitui	1969	0.73 (0.66–0.81)
Kitui	1970	0.75 (0.68–0.83)
Kitui	1971	0.76 (0.7–0.83)
Kitui	1972	0.78 (0.71–0.84)
Kitui	1973	0.79 (0.72–0.86)
Kitui	1974	0.8 (0.73–0.88)
Kitui	1975	0.81 (0.73–0.89)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kitui	1976	0.81 (0.74–0.89)
Kitui	1977	0.82 (0.75–0.9)
Kitui	1978	0.83 (0.75–0.91)
Kitui	1979	0.84 (0.77–0.93)
Kitui	1980	0.85 (0.77–0.94)
Kitui	1981	0.86 (0.78–0.95)
Kitui	1982	0.87 (0.79–0.96)
Kitui	1983	0.88 (0.79–0.98)
Kitui	1984	0.89 (0.79–0.99)
Kitui	1985	0.89 (0.79–1.0)
Kitui	1986	0.9 (0.8–1.0)
Kitui	1987	0.9 (0.81–1.0)
Kitui	1988	0.91 (0.83–1.0)
Kitui	1989	0.91 (0.84–1.0)
Kitui	1990	0.92 (0.85–1.0)
Kitui	1991	0.93 (0.85–1.01)
Kitui	1992	0.94 (0.85–1.03)
Kitui	1993	0.95 (0.85–1.05)
Kitui	1994	0.95 (0.85–1.05)
Kitui	1995	0.95 (0.85–1.05)
Kitui	1996	0.95 (0.85–1.04)
Kitui	1997	0.95 (0.87–1.04)
Kitui	1998	0.95 (0.87–1.03)
Kitui	1999	0.95 (0.87–1.03)
Kitui	2000	0.94 (0.86–1.03)
Kitui	2001	0.94 (0.85–1.04)
Kitui	2002	0.94 (0.84–1.04)
Kitui	2003	0.94 (0.83–1.05)
Kitui	2004	0.93 (0.83–1.04)
Kitui	2005	0.92 (0.83–1.03)
Kitui	2006	0.92 (0.83–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kitui	2007	0.92 (0.84–1.01)
Kitui	2008	0.94 (0.84–1.04)
Kitui	2009	0.95 (0.84–1.07)
Kitui	2010	0.96 (0.84–1.09)
Kitui	2011	0.96 (0.84–1.1)
Kitui	2012	0.97 (0.84–1.12)
Kitui	2013	0.99 (0.86–1.13)
Kitui	2014	1.0 (0.88–1.13)
Kitui	2015	1.0 (0.91–1.1)
Kitui	2016	1.0 (0.94–1.06)
Kitui	2017	1.0 (0.96–1.03)
Kwale	1950	0.93 (0.92–0.94)
Kwale	1951	0.93 (0.89–0.97)
Kwale	1952	0.92 (0.86–0.98)
Kwale	1953	0.91 (0.84–0.98)
Kwale	1954	0.9 (0.84–0.97)
Kwale	1955	0.9 (0.83–0.98)
Kwale	1956	0.91 (0.82–1.0)
Kwale	1957	0.91 (0.81–1.01)
Kwale	1958	0.91 (0.81–1.02)
Kwale	1959	0.91 (0.81–1.02)
Kwale	1960	0.92 (0.82–1.03)
Kwale	1961	0.92 (0.82–1.03)
Kwale	1962	0.93 (0.82–1.04)
Kwale	1963	0.94 (0.82–1.06)
Kwale	1964	0.95 (0.84–1.07)
Kwale	1965	0.96 (0.84–1.08)
Kwale	1966	0.97 (0.85–1.1)
Kwale	1967	0.98 (0.86–1.11)
Kwale	1968	0.98 (0.88–1.11)
Kwale	1969	0.99 (0.89–1.11)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kwale	1970	1.0 (0.9–1.11)
Kwale	1971	1.01 (0.9–1.12)
Kwale	1972	1.01 (0.9–1.12)
Kwale	1973	1.0 (0.9–1.11)
Kwale	1974	0.99 (0.9–1.09)
Kwale	1975	0.99 (0.89–1.09)
Kwale	1976	0.99 (0.88–1.09)
Kwale	1977	0.99 (0.88–1.09)
Kwale	1978	0.99 (0.89–1.08)
Kwale	1979	0.99 (0.89–1.09)
Kwale	1980	0.99 (0.89–1.1)
Kwale	1981	0.99 (0.88–1.11)
Kwale	1982	0.99 (0.88–1.1)
Kwale	1983	1.0 (0.88–1.11)
Kwale	1984	1.0 (0.89–1.12)
Kwale	1985	1.0 (0.9–1.12)
Kwale	1986	1.01 (0.91–1.13)
Kwale	1987	1.02 (0.91–1.15)
Kwale	1988	1.02 (0.91–1.15)
Kwale	1989	1.03 (0.92–1.15)
Kwale	1990	1.03 (0.91–1.16)
Kwale	1991	1.04 (0.92–1.17)
Kwale	1992	1.05 (0.93–1.19)
Kwale	1993	1.06 (0.95–1.19)
Kwale	1994	1.06 (0.95–1.19)
Kwale	1995	1.07 (0.97–1.19)
Kwale	1996	1.07 (0.97–1.17)
Kwale	1997	1.07 (0.97–1.17)
Kwale	1998	1.06 (0.98–1.16)
Kwale	1999	1.06 (0.98–1.15)
Kwale	2000	1.06 (0.97–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Kwale	2001	1.06 (0.96–1.16)
Kwale	2002	1.05 (0.94–1.17)
Kwale	2003	1.03 (0.92–1.16)
Kwale	2004	1.02 (0.91–1.14)
Kwale	2005	1.0 (0.88–1.14)
Kwale	2006	0.99 (0.87–1.12)
Kwale	2007	0.99 (0.87–1.13)
Kwale	2008	1.0 (0.86–1.13)
Kwale	2009	1.01 (0.86–1.17)
Kwale	2010	1.01 (0.87–1.18)
Kwale	2011	1.01 (0.86–1.17)
Kwale	2012	1.01 (0.87–1.16)
Kwale	2013	1.0 (0.87–1.14)
Kwale	2014	1.0 (0.88–1.1)
Kwale	2015	1.0 (0.91–1.09)
Kwale	2016	1.0 (0.94–1.05)
Kwale	2017	0.99 (0.98–1.0)
Laikipia	1950	0.28 (0.27–0.29)
Laikipia	1951	0.28 (0.27–0.3)
Laikipia	1952	0.29 (0.27–0.31)
Laikipia	1953	0.29 (0.27–0.31)
Laikipia	1954	0.29 (0.27–0.32)
Laikipia	1955	0.29 (0.27–0.33)
Laikipia	1956	0.3 (0.27–0.34)
Laikipia	1957	0.3 (0.27–0.34)
Laikipia	1958	0.31 (0.27–0.35)
Laikipia	1959	0.31 (0.27–0.36)
Laikipia	1960	0.31 (0.27–0.36)
Laikipia	1961	0.32 (0.28–0.37)
Laikipia	1962	0.33 (0.29–0.37)
Laikipia	1963	0.33 (0.3–0.37)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Laikipia	1964	0.34 (0.3–0.38)
Laikipia	1965	0.36 (0.31–0.4)
Laikipia	1966	0.37 (0.33–0.43)
Laikipia	1967	0.4 (0.35–0.45)
Laikipia	1968	0.42 (0.37–0.48)
Laikipia	1969	0.44 (0.39–0.5)
Laikipia	1970	0.47 (0.42–0.53)
Laikipia	1971	0.49 (0.45–0.55)
Laikipia	1972	0.52 (0.48–0.57)
Laikipia	1973	0.55 (0.5–0.61)
Laikipia	1974	0.57 (0.52–0.64)
Laikipia	1975	0.6 (0.54–0.67)
Laikipia	1976	0.63 (0.56–0.7)
Laikipia	1977	0.65 (0.57–0.73)
Laikipia	1978	0.68 (0.59–0.77)
Laikipia	1979	0.7 (0.6–0.81)
Laikipia	1980	0.72 (0.61–0.83)
Laikipia	1981	0.73 (0.63–0.85)
Laikipia	1982	0.75 (0.65–0.86)
Laikipia	1983	0.76 (0.67–0.87)
Laikipia	1984	0.78 (0.69–0.87)
Laikipia	1985	0.79 (0.7–0.88)
Laikipia	1986	0.8 (0.73–0.87)
Laikipia	1987	0.81 (0.73–0.89)
Laikipia	1988	0.82 (0.74–0.91)
Laikipia	1989	0.84 (0.74–0.94)
Laikipia	1990	0.86 (0.75–0.97)
Laikipia	1991	0.87 (0.76–0.99)
Laikipia	1992	0.9 (0.78–1.01)
Laikipia	1993	0.92 (0.81–1.02)
Laikipia	1994	0.94 (0.84–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Laikipia	1995	0.96 (0.87–1.05)
Laikipia	1996	0.97 (0.88–1.06)
Laikipia	1997	0.98 (0.88–1.09)
Laikipia	1998	0.99 (0.87–1.11)
Laikipia	1999	0.99 (0.86–1.13)
Laikipia	2000	0.99 (0.85–1.13)
Laikipia	2001	0.99 (0.86–1.14)
Laikipia	2002	0.99 (0.86–1.13)
Laikipia	2003	0.98 (0.86–1.12)
Laikipia	2004	0.98 (0.86–1.1)
Laikipia	2005	0.98 (0.87–1.1)
Laikipia	2006	0.98 (0.87–1.1)
Laikipia	2007	0.97 (0.86–1.11)
Laikipia	2008	0.98 (0.85–1.13)
Laikipia	2009	0.99 (0.85–1.13)
Laikipia	2010	0.99 (0.85–1.12)
Laikipia	2011	0.98 (0.85–1.12)
Laikipia	2012	0.98 (0.84–1.13)
Laikipia	2013	0.99 (0.86–1.13)
Laikipia	2014	1.0 (0.89–1.12)
Laikipia	2015	1.0 (0.91–1.09)
Laikipia	2016	1.01 (0.95–1.07)
Laikipia	2017	1.0 (0.99–1.02)
Lamu	1950	0.94 (0.93–0.95)
Lamu	1951	0.94 (0.91–0.97)
Lamu	1952	0.93 (0.88–0.99)
Lamu	1953	0.92 (0.86–0.98)
Lamu	1954	0.91 (0.86–0.97)
Lamu	1955	0.91 (0.85–0.98)
Lamu	1956	0.92 (0.84–1.0)
Lamu	1957	0.92 (0.83–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Lamu	1958	0.92 (0.83–1.02)
Lamu	1959	0.92 (0.83–1.02)
Lamu	1960	0.93 (0.83–1.03)
Lamu	1961	0.93 (0.83–1.03)
Lamu	1962	0.93 (0.83–1.04)
Lamu	1963	0.94 (0.84–1.06)
Lamu	1964	0.95 (0.85–1.07)
Lamu	1965	0.96 (0.85–1.07)
Lamu	1966	0.97 (0.87–1.09)
Lamu	1967	0.98 (0.87–1.1)
Lamu	1968	0.99 (0.89–1.1)
Lamu	1969	0.99 (0.89–1.1)
Lamu	1970	1.0 (0.9–1.11)
Lamu	1971	1.01 (0.91–1.12)
Lamu	1972	1.01 (0.9–1.12)
Lamu	1973	1.0 (0.9–1.1)
Lamu	1974	0.99 (0.9–1.09)
Lamu	1975	0.99 (0.9–1.09)
Lamu	1976	0.99 (0.89–1.09)
Lamu	1977	0.99 (0.88–1.09)
Lamu	1978	0.99 (0.89–1.08)
Lamu	1979	0.99 (0.89–1.09)
Lamu	1980	0.99 (0.89–1.1)
Lamu	1981	0.99 (0.88–1.11)
Lamu	1982	0.99 (0.88–1.1)
Lamu	1983	1.0 (0.88–1.11)
Lamu	1984	1.0 (0.89–1.12)
Lamu	1985	1.0 (0.9–1.12)
Lamu	1986	1.01 (0.91–1.13)
Lamu	1987	1.02 (0.91–1.15)
Lamu	1988	1.02 (0.91–1.15)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Lamu	1989	1.03 (0.92–1.15)
Lamu	1990	1.03 (0.91–1.16)
Lamu	1991	1.04 (0.92–1.17)
Lamu	1992	1.05 (0.93–1.19)
Lamu	1993	1.06 (0.95–1.19)
Lamu	1994	1.06 (0.95–1.19)
Lamu	1995	1.07 (0.97–1.19)
Lamu	1996	1.07 (0.97–1.17)
Lamu	1997	1.07 (0.97–1.17)
Lamu	1998	1.06 (0.98–1.15)
Lamu	1999	1.06 (0.98–1.14)
Lamu	2000	1.05 (0.97–1.14)
Lamu	2001	1.06 (0.96–1.16)
Lamu	2002	1.05 (0.94–1.16)
Lamu	2003	1.03 (0.92–1.16)
Lamu	2004	1.02 (0.91–1.14)
Lamu	2005	1.0 (0.88–1.14)
Lamu	2006	0.99 (0.87–1.12)
Lamu	2007	0.99 (0.87–1.12)
Lamu	2008	1.0 (0.87–1.13)
Lamu	2009	1.01 (0.86–1.17)
Lamu	2010	1.01 (0.87–1.18)
Lamu	2011	1.01 (0.86–1.17)
Lamu	2012	1.01 (0.87–1.16)
Lamu	2013	1.0 (0.87–1.14)
Lamu	2014	1.0 (0.89–1.1)
Lamu	2015	1.0 (0.91–1.09)
Lamu	2016	1.0 (0.94–1.05)
Lamu	2017	0.99 (0.98–1.0)
Machakos	1950	0.56 (0.55–0.57)
Machakos	1951	0.57 (0.55–0.6)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Machakos	1952	0.58 (0.54–0.63)
Machakos	1953	0.59 (0.54–0.64)
Machakos	1954	0.6 (0.54–0.65)
Machakos	1955	0.61 (0.55–0.67)
Machakos	1956	0.61 (0.54–0.68)
Machakos	1957	0.61 (0.54–0.69)
Machakos	1958	0.61 (0.54–0.69)
Machakos	1959	0.62 (0.55–0.7)
Machakos	1960	0.62 (0.55–0.71)
Machakos	1961	0.63 (0.55–0.71)
Machakos	1962	0.63 (0.56–0.71)
Machakos	1963	0.64 (0.57–0.72)
Machakos	1964	0.65 (0.58–0.74)
Machakos	1965	0.67 (0.59–0.75)
Machakos	1966	0.68 (0.61–0.76)
Machakos	1967	0.7 (0.63–0.77)
Machakos	1968	0.71 (0.64–0.8)
Machakos	1969	0.73 (0.65–0.81)
Machakos	1970	0.74 (0.67–0.82)
Machakos	1971	0.76 (0.69–0.83)
Machakos	1972	0.77 (0.71–0.84)
Machakos	1973	0.78 (0.71–0.86)
Machakos	1974	0.79 (0.72–0.88)
Machakos	1975	0.8 (0.73–0.88)
Machakos	1976	0.81 (0.74–0.89)
Machakos	1977	0.82 (0.74–0.9)
Machakos	1978	0.83 (0.75–0.91)
Machakos	1979	0.84 (0.77–0.93)
Machakos	1980	0.85 (0.77–0.94)
Machakos	1981	0.86 (0.78–0.95)
Machakos	1982	0.87 (0.78–0.96)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Machakos	1983	0.88 (0.79–0.98)
Machakos	1984	0.89 (0.79–0.99)
Machakos	1985	0.89 (0.79–1.0)
Machakos	1986	0.9 (0.8–1.0)
Machakos	1987	0.9 (0.81–1.0)
Machakos	1988	0.91 (0.83–1.0)
Machakos	1989	0.91 (0.84–1.0)
Machakos	1990	0.92 (0.85–1.0)
Machakos	1991	0.93 (0.84–1.01)
Machakos	1992	0.94 (0.85–1.03)
Machakos	1993	0.95 (0.84–1.05)
Machakos	1994	0.95 (0.85–1.05)
Machakos	1995	0.95 (0.85–1.05)
Machakos	1996	0.95 (0.85–1.04)
Machakos	1997	0.95 (0.86–1.04)
Machakos	1998	0.95 (0.87–1.03)
Machakos	1999	0.95 (0.87–1.03)
Machakos	2000	0.94 (0.86–1.03)
Machakos	2001	0.94 (0.84–1.04)
Machakos	2002	0.94 (0.84–1.04)
Machakos	2003	0.94 (0.83–1.05)
Machakos	2004	0.93 (0.83–1.05)
Machakos	2005	0.92 (0.83–1.03)
Machakos	2006	0.92 (0.83–1.01)
Machakos	2007	0.92 (0.84–1.01)
Machakos	2008	0.94 (0.84–1.04)
Machakos	2009	0.95 (0.84–1.07)
Machakos	2010	0.96 (0.84–1.09)
Machakos	2011	0.96 (0.84–1.1)
Machakos	2012	0.97 (0.84–1.12)
Machakos	2013	0.99 (0.86–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Machakos	2014	1.0 (0.88–1.13)
Machakos	2015	1.0 (0.91–1.1)
Machakos	2016	1.0 (0.94–1.06)
Machakos	2017	1.0 (0.96–1.03)
Makueni	1950	0.53 (0.53–0.54)
Makueni	1951	0.55 (0.52–0.57)
Makueni	1952	0.56 (0.52–0.6)
Makueni	1953	0.57 (0.51–0.62)
Makueni	1954	0.57 (0.52–0.63)
Makueni	1955	0.59 (0.52–0.65)
Makueni	1956	0.59 (0.52–0.66)
Makueni	1957	0.6 (0.52–0.68)
Makueni	1958	0.6 (0.52–0.68)
Makueni	1959	0.6 (0.53–0.69)
Makueni	1960	0.61 (0.53–0.7)
Makueni	1961	0.62 (0.54–0.7)
Makueni	1962	0.62 (0.55–0.7)
Makueni	1963	0.63 (0.56–0.71)
Makueni	1964	0.65 (0.57–0.73)
Makueni	1965	0.66 (0.58–0.74)
Makueni	1966	0.67 (0.6–0.75)
Makueni	1967	0.69 (0.62–0.77)
Makueni	1968	0.71 (0.63–0.79)
Makueni	1969	0.72 (0.65–0.8)
Makueni	1970	0.74 (0.67–0.82)
Makueni	1971	0.76 (0.69–0.83)
Makueni	1972	0.77 (0.7–0.84)
Makueni	1973	0.78 (0.71–0.86)
Makueni	1974	0.79 (0.72–0.87)
Makueni	1975	0.8 (0.73–0.88)
Makueni	1976	0.81 (0.74–0.89)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Makueni	1977	0.82 (0.74–0.9)
Makueni	1978	0.83 (0.75–0.91)
Makueni	1979	0.84 (0.77–0.93)
Makueni	1980	0.85 (0.77–0.94)
Makueni	1981	0.86 (0.78–0.95)
Makueni	1982	0.87 (0.79–0.96)
Makueni	1983	0.88 (0.79–0.98)
Makueni	1984	0.89 (0.79–0.99)
Makueni	1985	0.89 (0.79–1.0)
Makueni	1986	0.9 (0.8–1.0)
Makueni	1987	0.9 (0.81–1.0)
Makueni	1988	0.91 (0.83–1.0)
Makueni	1989	0.91 (0.84–1.0)
Makueni	1990	0.92 (0.85–1.0)
Makueni	1991	0.93 (0.85–1.01)
Makueni	1992	0.94 (0.85–1.03)
Makueni	1993	0.95 (0.85–1.05)
Makueni	1994	0.95 (0.85–1.05)
Makueni	1995	0.95 (0.85–1.05)
Makueni	1996	0.95 (0.85–1.04)
Makueni	1997	0.95 (0.87–1.04)
Makueni	1998	0.95 (0.87–1.03)
Makueni	1999	0.95 (0.87–1.03)
Makueni	2000	0.94 (0.86–1.03)
Makueni	2001	0.94 (0.85–1.04)
Makueni	2002	0.94 (0.84–1.04)
Makueni	2003	0.94 (0.83–1.05)
Makueni	2004	0.93 (0.83–1.05)
Makueni	2005	0.92 (0.83–1.03)
Makueni	2006	0.92 (0.83–1.01)
Makueni	2007	0.92 (0.84–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Makueni	2008	0.94 (0.84–1.04)
Makueni	2009	0.95 (0.84–1.07)
Makueni	2010	0.96 (0.84–1.09)
Makueni	2011	0.96 (0.84–1.1)
Makueni	2012	0.97 (0.84–1.12)
Makueni	2013	0.99 (0.86–1.13)
Makueni	2014	1.0 (0.88–1.13)
Makueni	2015	1.0 (0.91–1.1)
Makueni	2016	1.0 (0.94–1.06)
Makueni	2017	1.0 (0.96–1.03)
Mandera	1950	0.58 (0.57–0.58)
Mandera	1951	0.57 (0.55–0.6)
Mandera	1952	0.57 (0.53–0.61)
Mandera	1953	0.57 (0.52–0.62)
Mandera	1954	0.56 (0.51–0.61)
Mandera	1955	0.56 (0.51–0.61)
Mandera	1956	0.56 (0.51–0.61)
Mandera	1957	0.56 (0.5–0.62)
Mandera	1958	0.56 (0.49–0.62)
Mandera	1959	0.56 (0.49–0.63)
Mandera	1960	0.56 (0.49–0.64)
Mandera	1961	0.57 (0.49–0.65)
Mandera	1962	0.57 (0.5–0.66)
Mandera	1963	0.58 (0.51–0.67)
Mandera	1964	0.6 (0.52–0.68)
Mandera	1965	0.61 (0.54–0.68)
Mandera	1966	0.63 (0.56–0.7)
Mandera	1967	0.64 (0.57–0.72)
Mandera	1968	0.66 (0.58–0.74)
Mandera	1969	0.67 (0.59–0.76)
Mandera	1970	0.69 (0.59–0.79)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mandera	1971	0.7 (0.61–0.81)
Mandera	1972	0.72 (0.63–0.82)
Mandera	1973	0.73 (0.65–0.82)
Mandera	1974	0.74 (0.67–0.81)
Mandera	1975	0.75 (0.67–0.82)
Mandera	1976	0.75 (0.66–0.84)
Mandera	1977	0.76 (0.66–0.87)
Mandera	1978	0.77 (0.66–0.89)
Mandera	1979	0.78 (0.67–0.89)
Mandera	1980	0.78 (0.68–0.89)
Mandera	1981	0.78 (0.69–0.88)
Mandera	1982	0.78 (0.71–0.88)
Mandera	1983	0.79 (0.71–0.87)
Mandera	1984	0.79 (0.71–0.88)
Mandera	1985	0.79 (0.7–0.88)
Mandera	1986	0.79 (0.7–0.89)
Mandera	1987	0.79 (0.7–0.89)
Mandera	1988	0.79 (0.7–0.89)
Mandera	1989	0.79 (0.7–0.89)
Mandera	1990	0.8 (0.71–0.9)
Mandera	1991	0.81 (0.72–0.89)
Mandera	1992	0.82 (0.74–0.9)
Mandera	1993	0.83 (0.74–0.91)
Mandera	1994	0.83 (0.74–0.93)
Mandera	1995	0.84 (0.73–0.96)
Mandera	1996	0.85 (0.74–0.97)
Mandera	1997	0.85 (0.74–0.97)
Mandera	1998	0.85 (0.75–0.97)
Mandera	1999	0.84 (0.75–0.95)
Mandera	2000	0.84 (0.75–0.94)
Mandera	2001	0.84 (0.75–0.95)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mandera	2002	0.83 (0.74–0.94)
Mandera	2003	0.82 (0.72–0.92)
Mandera	2004	0.8 (0.71–0.91)
Mandera	2005	0.79 (0.7–0.89)
Mandera	2006	0.78 (0.7–0.88)
Mandera	2007	0.78 (0.7–0.87)
Mandera	2008	0.77 (0.68–0.87)
Mandera	2009	0.77 (0.67–0.88)
Mandera	2010	0.76 (0.66–0.87)
Mandera	2011	0.75 (0.65–0.87)
Mandera	2012	0.75 (0.64–0.86)
Mandera	2013	0.74 (0.64–0.85)
Mandera	2014	0.73 (0.65–0.83)
Mandera	2015	0.73 (0.66–0.81)
Mandera	2016	0.72 (0.69–0.77)
Mandera	2017	0.72 (0.71–0.73)
Marsabit	1950	0.65 (0.63–0.67)
Marsabit	1951	0.66 (0.63–0.68)
Marsabit	1952	0.66 (0.63–0.7)
Marsabit	1953	0.67 (0.62–0.72)
Marsabit	1954	0.67 (0.62–0.73)
Marsabit	1955	0.68 (0.62–0.74)
Marsabit	1956	0.68 (0.62–0.74)
Marsabit	1957	0.68 (0.61–0.75)
Marsabit	1958	0.68 (0.61–0.75)
Marsabit	1959	0.68 (0.61–0.75)
Marsabit	1960	0.68 (0.61–0.76)
Marsabit	1961	0.68 (0.61–0.76)
Marsabit	1962	0.69 (0.62–0.75)
Marsabit	1963	0.69 (0.63–0.76)
Marsabit	1964	0.7 (0.64–0.77)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Marsabit	1965	0.71 (0.64–0.78)
Marsabit	1966	0.72 (0.66–0.79)
Marsabit	1967	0.73 (0.67–0.8)
Marsabit	1968	0.74 (0.68–0.82)
Marsabit	1969	0.75 (0.68–0.83)
Marsabit	1970	0.77 (0.7–0.84)
Marsabit	1971	0.78 (0.72–0.85)
Marsabit	1972	0.79 (0.73–0.86)
Marsabit	1973	0.8 (0.74–0.87)
Marsabit	1974	0.81 (0.74–0.88)
Marsabit	1975	0.82 (0.75–0.89)
Marsabit	1976	0.82 (0.75–0.9)
Marsabit	1977	0.83 (0.76–0.91)
Marsabit	1978	0.84 (0.76–0.91)
Marsabit	1979	0.85 (0.78–0.93)
Marsabit	1980	0.86 (0.78–0.95)
Marsabit	1981	0.87 (0.79–0.96)
Marsabit	1982	0.88 (0.79–0.96)
Marsabit	1983	0.89 (0.8–0.98)
Marsabit	1984	0.89 (0.8–0.99)
Marsabit	1985	0.9 (0.79–1.0)
Marsabit	1986	0.9 (0.8–1.0)
Marsabit	1987	0.91 (0.81–1.0)
Marsabit	1988	0.91 (0.83–1.0)
Marsabit	1989	0.92 (0.84–1.0)
Marsabit	1990	0.92 (0.85–1.0)
Marsabit	1991	0.93 (0.85–1.01)
Marsabit	1992	0.94 (0.85–1.03)
Marsabit	1993	0.95 (0.85–1.05)
Marsabit	1994	0.95 (0.85–1.05)
Marsabit	1995	0.95 (0.85–1.05)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Marsabit	1996	0.95 (0.85–1.04)
Marsabit	1997	0.95 (0.87–1.04)
Marsabit	1998	0.95 (0.87–1.03)
Marsabit	1999	0.95 (0.87–1.03)
Marsabit	2000	0.94 (0.86–1.03)
Marsabit	2001	0.94 (0.85–1.04)
Marsabit	2002	0.94 (0.84–1.04)
Marsabit	2003	0.94 (0.83–1.05)
Marsabit	2004	0.93 (0.83–1.04)
Marsabit	2005	0.92 (0.83–1.03)
Marsabit	2006	0.92 (0.84–1.01)
Marsabit	2007	0.92 (0.84–1.01)
Marsabit	2008	0.94 (0.85–1.04)
Marsabit	2009	0.95 (0.85–1.07)
Marsabit	2010	0.96 (0.84–1.09)
Marsabit	2011	0.96 (0.84–1.1)
Marsabit	2012	0.97 (0.84–1.12)
Marsabit	2013	0.99 (0.86–1.13)
Marsabit	2014	1.0 (0.88–1.12)
Marsabit	2015	1.0 (0.91–1.1)
Marsabit	2016	1.0 (0.94–1.06)
Marsabit	2017	1.0 (0.96–1.03)
Meru	1950	0.56 (0.55–0.57)
Meru	1951	0.58 (0.55–0.6)
Meru	1952	0.58 (0.54–0.63)
Meru	1953	0.59 (0.54–0.64)
Meru	1954	0.59 (0.53–0.65)
Meru	1955	0.6 (0.54–0.67)
Meru	1956	0.61 (0.54–0.68)
Meru	1957	0.61 (0.53–0.69)
Meru	1958	0.61 (0.54–0.69)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Meru	1959	0.61 (0.54–0.69)
Meru	1960	0.62 (0.54–0.7)
Meru	1961	0.62 (0.55–0.7)
Meru	1962	0.63 (0.56–0.71)
Meru	1963	0.64 (0.56–0.72)
Meru	1964	0.65 (0.58–0.73)
Meru	1965	0.66 (0.58–0.74)
Meru	1966	0.68 (0.61–0.76)
Meru	1967	0.69 (0.62–0.77)
Meru	1968	0.71 (0.64–0.79)
Meru	1969	0.72 (0.65–0.8)
Meru	1970	0.74 (0.66–0.82)
Meru	1971	0.76 (0.69–0.83)
Meru	1972	0.77 (0.7–0.84)
Meru	1973	0.78 (0.71–0.86)
Meru	1974	0.79 (0.72–0.87)
Meru	1975	0.8 (0.73–0.88)
Meru	1976	0.81 (0.74–0.89)
Meru	1977	0.82 (0.74–0.9)
Meru	1978	0.82 (0.75–0.91)
Meru	1979	0.84 (0.76–0.93)
Meru	1980	0.85 (0.77–0.94)
Meru	1981	0.86 (0.78–0.95)
Meru	1982	0.87 (0.78–0.96)
Meru	1983	0.88 (0.79–0.98)
Meru	1984	0.89 (0.79–0.99)
Meru	1985	0.89 (0.78–1.0)
Meru	1986	0.9 (0.79–1.0)
Meru	1987	0.9 (0.8–1.0)
Meru	1988	0.91 (0.83–1.0)
Meru	1989	0.91 (0.84–1.0)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Meru	1990	0.92 (0.85–1.0)
Meru	1991	0.93 (0.84–1.01)
Meru	1992	0.94 (0.85–1.03)
Meru	1993	0.95 (0.84–1.05)
Meru	1994	0.95 (0.85–1.05)
Meru	1995	0.95 (0.85–1.05)
Meru	1996	0.95 (0.85–1.04)
Meru	1997	0.95 (0.86–1.04)
Meru	1998	0.95 (0.87–1.03)
Meru	1999	0.95 (0.87–1.03)
Meru	2000	0.94 (0.86–1.03)
Meru	2001	0.94 (0.84–1.04)
Meru	2002	0.94 (0.84–1.04)
Meru	2003	0.94 (0.83–1.05)
Meru	2004	0.93 (0.83–1.05)
Meru	2005	0.92 (0.83–1.03)
Meru	2006	0.92 (0.83–1.01)
Meru	2007	0.92 (0.84–1.01)
Meru	2008	0.94 (0.85–1.04)
Meru	2009	0.95 (0.85–1.07)
Meru	2010	0.96 (0.84–1.09)
Meru	2011	0.96 (0.84–1.1)
Meru	2012	0.97 (0.84–1.12)
Meru	2013	0.99 (0.86–1.13)
Meru	2014	1.0 (0.88–1.13)
Meru	2015	1.0 (0.91–1.1)
Meru	2016	1.0 (0.94–1.06)
Meru	2017	1.0 (0.96–1.03)
Migori	1950	0.75 (0.68–0.82)
Migori	1951	0.75 (0.68–0.82)
Migori	1952	0.75 (0.68–0.83)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Migori	1953	0.75 (0.67–0.83)
Migori	1954	0.74 (0.65–0.83)
Migori	1955	0.73 (0.65–0.83)
Migori	1956	0.73 (0.65–0.83)
Migori	1957	0.73 (0.65–0.82)
Migori	1958	0.73 (0.65–0.81)
Migori	1959	0.73 (0.66–0.81)
Migori	1960	0.73 (0.66–0.81)
Migori	1961	0.74 (0.66–0.81)
Migori	1962	0.74 (0.66–0.82)
Migori	1963	0.75 (0.67–0.83)
Migori	1964	0.76 (0.68–0.84)
Migori	1965	0.77 (0.69–0.84)
Migori	1966	0.78 (0.7–0.86)
Migori	1967	0.79 (0.72–0.87)
Migori	1968	0.8 (0.73–0.88)
Migori	1969	0.81 (0.74–0.89)
Migori	1970	0.83 (0.76–0.91)
Migori	1971	0.84 (0.77–0.92)
Migori	1972	0.86 (0.78–0.94)
Migori	1973	0.87 (0.8–0.95)
Migori	1974	0.88 (0.8–0.96)
Migori	1975	0.9 (0.81–0.98)
Migori	1976	0.91 (0.82–1.0)
Migori	1977	0.92 (0.83–1.01)
Migori	1978	0.93 (0.85–1.01)
Migori	1979	0.93 (0.85–1.01)
Migori	1980	0.93 (0.86–1.01)
Migori	1981	0.93 (0.87–1.01)
Migori	1982	0.93 (0.86–1.01)
Migori	1983	0.93 (0.86–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Migori	1984	0.93 (0.86–1.0)
Migori	1985	0.92 (0.85–0.99)
Migori	1986	0.91 (0.85–0.98)
Migori	1987	0.91 (0.85–0.98)
Migori	1988	0.91 (0.86–0.97)
Migori	1989	0.91 (0.86–0.97)
Migori	1990	0.91 (0.85–0.97)
Migori	1991	0.92 (0.85–0.98)
Migori	1992	0.93 (0.86–0.99)
Migori	1993	0.94 (0.87–1.0)
Migori	1994	0.94 (0.88–1.02)
Migori	1995	0.95 (0.88–1.03)
Migori	1996	0.96 (0.88–1.04)
Migori	1997	0.96 (0.88–1.05)
Migori	1998	0.96 (0.89–1.04)
Migori	1999	0.96 (0.89–1.03)
Migori	2000	0.96 (0.89–1.03)
Migori	2001	0.95 (0.88–1.03)
Migori	2002	0.94 (0.86–1.03)
Migori	2003	0.93 (0.85–1.02)
Migori	2004	0.92 (0.84–1.01)
Migori	2005	0.91 (0.84–1.01)
Migori	2006	0.91 (0.83–0.99)
Migori	2007	0.91 (0.84–0.97)
Migori	2008	0.91 (0.83–0.99)
Migori	2009	0.91 (0.82–1.01)
Migori	2010	0.9 (0.8–1.02)
Migori	2011	0.9 (0.79–1.02)
Migori	2012	0.9 (0.79–1.03)
Migori	2013	0.89 (0.78–1.02)
Migori	2014	0.89 (0.78–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Migori	2015	0.89 (0.78–1.01)
Migori	2016	0.88 (0.77–1.0)
Migori	2017	0.88 (0.77–1.01)
Mombasa	1950	0.93 (0.92–0.94)
Mombasa	1951	0.93 (0.89–0.97)
Mombasa	1952	0.92 (0.86–0.98)
Mombasa	1953	0.91 (0.84–0.98)
Mombasa	1954	0.9 (0.83–0.97)
Mombasa	1955	0.9 (0.82–0.98)
Mombasa	1956	0.9 (0.81–1.0)
Mombasa	1957	0.91 (0.8–1.01)
Mombasa	1958	0.91 (0.81–1.02)
Mombasa	1959	0.91 (0.8–1.02)
Mombasa	1960	0.91 (0.81–1.03)
Mombasa	1961	0.92 (0.81–1.03)
Mombasa	1962	0.92 (0.81–1.05)
Mombasa	1963	0.93 (0.82–1.07)
Mombasa	1964	0.95 (0.83–1.08)
Mombasa	1965	0.95 (0.83–1.09)
Mombasa	1966	0.96 (0.85–1.1)
Mombasa	1967	0.98 (0.86–1.12)
Mombasa	1968	0.98 (0.87–1.11)
Mombasa	1969	0.99 (0.88–1.12)
Mombasa	1970	1.0 (0.89–1.12)
Mombasa	1971	1.01 (0.9–1.13)
Mombasa	1972	1.01 (0.89–1.13)
Mombasa	1973	1.0 (0.89–1.11)
Mombasa	1974	0.99 (0.89–1.1)
Mombasa	1975	0.99 (0.89–1.09)
Mombasa	1976	0.99 (0.88–1.1)
Mombasa	1977	0.99 (0.88–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mombasa	1978	0.99 (0.89–1.09)
Mombasa	1979	0.99 (0.89–1.09)
Mombasa	1980	0.99 (0.88–1.11)
Mombasa	1981	0.99 (0.88–1.11)
Mombasa	1982	0.99 (0.88–1.11)
Mombasa	1983	1.0 (0.88–1.12)
Mombasa	1984	1.0 (0.89–1.13)
Mombasa	1985	1.0 (0.9–1.12)
Mombasa	1986	1.01 (0.9–1.13)
Mombasa	1987	1.02 (0.9–1.15)
Mombasa	1988	1.02 (0.91–1.16)
Mombasa	1989	1.03 (0.91–1.16)
Mombasa	1990	1.03 (0.91–1.17)
Mombasa	1991	1.04 (0.92–1.18)
Mombasa	1992	1.05 (0.93–1.19)
Mombasa	1993	1.06 (0.95–1.19)
Mombasa	1994	1.06 (0.95–1.19)
Mombasa	1995	1.07 (0.96–1.19)
Mombasa	1996	1.07 (0.97–1.18)
Mombasa	1997	1.07 (0.97–1.17)
Mombasa	1998	1.07 (0.98–1.16)
Mombasa	1999	1.06 (0.98–1.15)
Mombasa	2000	1.06 (0.97–1.15)
Mombasa	2001	1.06 (0.96–1.17)
Mombasa	2002	1.05 (0.94–1.17)
Mombasa	2003	1.03 (0.92–1.16)
Mombasa	2004	1.02 (0.91–1.15)
Mombasa	2005	1.0 (0.88–1.14)
Mombasa	2006	0.99 (0.87–1.13)
Mombasa	2007	0.99 (0.87–1.13)
Mombasa	2008	1.0 (0.86–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Mombasa	2009	1.01 (0.86–1.17)
Mombasa	2010	1.01 (0.87–1.18)
Mombasa	2011	1.01 (0.86–1.17)
Mombasa	2012	1.01 (0.87–1.16)
Mombasa	2013	1.0 (0.87–1.14)
Mombasa	2014	1.0 (0.88–1.1)
Mombasa	2015	1.0 (0.91–1.09)
Mombasa	2016	1.0 (0.94–1.05)
Mombasa	2017	0.99 (0.98–1.0)
Murang'a	1950	0.45 (0.44–0.45)
Murang'a	1951	0.46 (0.44–0.48)
Murang'a	1952	0.46 (0.44–0.49)
Murang'a	1953	0.47 (0.44–0.5)
Murang'a	1954	0.48 (0.45–0.51)
Murang'a	1955	0.49 (0.45–0.52)
Murang'a	1956	0.5 (0.45–0.54)
Murang'a	1957	0.5 (0.45–0.57)
Murang'a	1958	0.51 (0.45–0.58)
Murang'a	1959	0.52 (0.45–0.59)
Murang'a	1960	0.53 (0.46–0.6)
Murang'a	1961	0.54 (0.47–0.6)
Murang'a	1962	0.55 (0.49–0.61)
Murang'a	1963	0.56 (0.5–0.63)
Murang'a	1964	0.58 (0.51–0.65)
Murang'a	1965	0.6 (0.52–0.68)
Murang'a	1966	0.63 (0.55–0.72)
Murang'a	1967	0.66 (0.57–0.75)
Murang'a	1968	0.69 (0.6–0.78)
Murang'a	1969	0.72 (0.62–0.82)
Murang'a	1970	0.75 (0.66–0.85)
Murang'a	1971	0.78 (0.69–0.87)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Murang'a	1972	0.81 (0.73–0.89)
Murang'a	1973	0.83 (0.76–0.9)
Murang'a	1974	0.85 (0.79–0.92)
Murang'a	1975	0.87 (0.8–0.95)
Murang'a	1976	0.89 (0.8–0.97)
Murang'a	1977	0.88 (0.79–0.98)
Murang'a	1978	0.89 (0.79–0.98)
Murang'a	1979	0.89 (0.8–0.99)
Murang'a	1980	0.89 (0.8–0.99)
Murang'a	1981	0.88 (0.8–0.96)
Murang'a	1982	0.87 (0.8–0.95)
Murang'a	1983	0.88 (0.8–0.97)
Murang'a	1984	0.88 (0.79–0.99)
Murang'a	1985	0.89 (0.79–1.01)
Murang'a	1986	0.9 (0.78–1.04)
Murang'a	1987	0.91 (0.78–1.06)
Murang'a	1988	0.92 (0.78–1.07)
Murang'a	1989	0.93 (0.79–1.1)
Murang'a	1990	0.94 (0.8–1.09)
Murang'a	1991	0.95 (0.81–1.08)
Murang'a	1992	0.96 (0.84–1.07)
Murang'a	1993	0.97 (0.86–1.09)
Murang'a	1994	0.98 (0.88–1.1)
Murang'a	1995	0.98 (0.87–1.1)
Murang'a	1996	0.98 (0.86–1.11)
Murang'a	1997	0.99 (0.85–1.15)
Murang'a	1998	0.99 (0.84–1.16)
Murang'a	1999	0.99 (0.83–1.17)
Murang'a	2000	0.99 (0.83–1.18)
Murang'a	2001	0.98 (0.83–1.15)
Murang'a	2002	0.96 (0.83–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Murang'a	2003	0.95 (0.83–1.09)
Murang'a	2004	0.93 (0.83–1.05)
Murang'a	2005	0.92 (0.82–1.03)
Murang'a	2006	0.91 (0.8–1.03)
Murang'a	2007	0.91 (0.78–1.06)
Murang'a	2008	0.92 (0.77–1.09)
Murang'a	2009	0.93 (0.77–1.11)
Murang'a	2010	0.93 (0.78–1.11)
Murang'a	2011	0.94 (0.79–1.1)
Murang'a	2012	0.93 (0.8–1.08)
Murang'a	2013	0.92 (0.81–1.06)
Murang'a	2014	0.92 (0.82–1.02)
Murang'a	2015	0.92 (0.84–1.02)
Murang'a	2016	0.93 (0.87–0.99)
Murang'a	2017	0.93 (0.91–0.94)
Nairobi	1950	1.48 (1.42–1.53)
Nairobi	1951	1.47 (1.38–1.57)
Nairobi	1952	1.46 (1.34–1.58)
Nairobi	1953	1.43 (1.3–1.56)
Nairobi	1954	1.39 (1.27–1.51)
Nairobi	1955	1.36 (1.25–1.47)
Nairobi	1956	1.32 (1.18–1.46)
Nairobi	1957	1.28 (1.13–1.44)
Nairobi	1958	1.24 (1.08–1.41)
Nairobi	1959	1.21 (1.04–1.38)
Nairobi	1960	1.18 (1.03–1.35)
Nairobi	1961	1.15 (1.0–1.3)
Nairobi	1962	1.13 (0.99–1.29)
Nairobi	1963	1.12 (0.97–1.27)
Nairobi	1964	1.12 (0.97–1.28)
Nairobi	1965	1.12 (0.96–1.28)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nairobi	1966	1.12 (0.97–1.29)
Nairobi	1967	1.13 (0.98–1.3)
Nairobi	1968	1.13 (0.97–1.3)
Nairobi	1969	1.12 (0.96–1.3)
Nairobi	1970	1.11 (0.96–1.26)
Nairobi	1971	1.1 (0.95–1.25)
Nairobi	1972	1.08 (0.96–1.22)
Nairobi	1973	1.07 (0.96–1.2)
Nairobi	1974	1.05 (0.93–1.17)
Nairobi	1975	1.03 (0.92–1.14)
Nairobi	1976	1.01 (0.9–1.12)
Nairobi	1977	1.0 (0.89–1.12)
Nairobi	1978	0.99 (0.88–1.11)
Nairobi	1979	0.98 (0.86–1.12)
Nairobi	1980	0.98 (0.85–1.13)
Nairobi	1981	0.97 (0.85–1.11)
Nairobi	1982	0.96 (0.83–1.1)
Nairobi	1983	0.94 (0.83–1.07)
Nairobi	1984	0.93 (0.82–1.03)
Nairobi	1985	0.92 (0.82–1.02)
Nairobi	1986	0.92 (0.82–1.03)
Nairobi	1987	0.93 (0.81–1.06)
Nairobi	1988	0.94 (0.8–1.08)
Nairobi	1989	0.95 (0.79–1.1)
Nairobi	1990	0.96 (0.8–1.14)
Nairobi	1991	0.97 (0.82–1.15)
Nairobi	1992	0.98 (0.83–1.12)
Nairobi	1993	0.97 (0.85–1.1)
Nairobi	1994	0.97 (0.85–1.08)
Nairobi	1995	0.95 (0.85–1.06)
Nairobi	1996	0.95 (0.85–1.06)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nairobi	1997	0.94 (0.84–1.04)
Nairobi	1998	0.92 (0.82–1.02)
Nairobi	1999	0.9 (0.8–1.02)
Nairobi	2000	0.89 (0.78–1.03)
Nairobi	2001	0.88 (0.77–1.01)
Nairobi	2002	0.86 (0.76–0.99)
Nairobi	2003	0.84 (0.73–0.97)
Nairobi	2004	0.81 (0.7–0.94)
Nairobi	2005	0.78 (0.68–0.89)
Nairobi	2006	0.75 (0.66–0.86)
Nairobi	2007	0.72 (0.63–0.82)
Nairobi	2008	0.71 (0.61–0.82)
Nairobi	2009	0.73 (0.62–0.86)
Nairobi	2010	0.73 (0.62–0.87)
Nairobi	2011	0.73 (0.61–0.86)
Nairobi	2012	0.73 (0.62–0.86)
Nairobi	2013	0.72 (0.62–0.84)
Nairobi	2014	0.72 (0.63–0.82)
Nairobi	2015	0.72 (0.65–0.81)
Nairobi	2016	0.73 (0.68–0.79)
Nairobi	2017	0.73 (0.72–0.75)
Nakuru	1950	0.26 (0.25–0.26)
Nakuru	1951	0.26 (0.25–0.28)
Nakuru	1952	0.27 (0.25–0.29)
Nakuru	1953	0.27 (0.25–0.29)
Nakuru	1954	0.27 (0.25–0.3)
Nakuru	1955	0.28 (0.25–0.31)
Nakuru	1956	0.28 (0.26–0.32)
Nakuru	1957	0.29 (0.26–0.33)
Nakuru	1958	0.29 (0.26–0.33)
Nakuru	1959	0.3 (0.26–0.34)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nakuru	1960	0.3 (0.27–0.35)
Nakuru	1961	0.31 (0.27–0.35)
Nakuru	1962	0.32 (0.28–0.36)
Nakuru	1963	0.33 (0.29–0.36)
Nakuru	1964	0.34 (0.3–0.37)
Nakuru	1965	0.35 (0.31–0.39)
Nakuru	1966	0.37 (0.32–0.42)
Nakuru	1967	0.39 (0.34–0.44)
Nakuru	1968	0.42 (0.37–0.47)
Nakuru	1969	0.44 (0.39–0.49)
Nakuru	1970	0.47 (0.42–0.52)
Nakuru	1971	0.49 (0.44–0.55)
Nakuru	1972	0.52 (0.47–0.57)
Nakuru	1973	0.55 (0.5–0.6)
Nakuru	1974	0.57 (0.52–0.63)
Nakuru	1975	0.6 (0.54–0.66)
Nakuru	1976	0.63 (0.56–0.7)
Nakuru	1977	0.65 (0.57–0.73)
Nakuru	1978	0.68 (0.59–0.77)
Nakuru	1979	0.7 (0.6–0.81)
Nakuru	1980	0.72 (0.61–0.83)
Nakuru	1981	0.73 (0.63–0.85)
Nakuru	1982	0.75 (0.65–0.86)
Nakuru	1983	0.76 (0.67–0.87)
Nakuru	1984	0.78 (0.69–0.87)
Nakuru	1985	0.79 (0.71–0.88)
Nakuru	1986	0.8 (0.73–0.87)
Nakuru	1987	0.81 (0.73–0.89)
Nakuru	1988	0.82 (0.74–0.91)
Nakuru	1989	0.84 (0.74–0.94)
Nakuru	1990	0.86 (0.75–0.97)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nakuru	1991	0.87 (0.76–0.99)
Nakuru	1992	0.9 (0.78–1.01)
Nakuru	1993	0.92 (0.81–1.02)
Nakuru	1994	0.94 (0.84–1.03)
Nakuru	1995	0.96 (0.87–1.05)
Nakuru	1996	0.97 (0.88–1.06)
Nakuru	1997	0.98 (0.88–1.09)
Nakuru	1998	0.99 (0.87–1.11)
Nakuru	1999	0.99 (0.86–1.13)
Nakuru	2000	0.99 (0.85–1.13)
Nakuru	2001	0.99 (0.86–1.14)
Nakuru	2002	0.99 (0.86–1.13)
Nakuru	2003	0.98 (0.86–1.12)
Nakuru	2004	0.98 (0.86–1.1)
Nakuru	2005	0.98 (0.87–1.1)
Nakuru	2006	0.98 (0.87–1.1)
Nakuru	2007	0.97 (0.86–1.11)
Nakuru	2008	0.98 (0.85–1.13)
Nakuru	2009	0.99 (0.85–1.13)
Nakuru	2010	0.99 (0.85–1.12)
Nakuru	2011	0.98 (0.85–1.12)
Nakuru	2012	0.98 (0.85–1.12)
Nakuru	2013	0.99 (0.86–1.13)
Nakuru	2014	1.0 (0.89–1.11)
Nakuru	2015	1.0 (0.92–1.09)
Nakuru	2016	1.01 (0.95–1.07)
Nakuru	2017	1.0 (0.99–1.02)
Nandi	1950	0.25 (0.25–0.25)
Nandi	1951	0.25 (0.24–0.27)
Nandi	1952	0.26 (0.24–0.28)
Nandi	1953	0.26 (0.24–0.29)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nandi	1954	0.27 (0.24–0.29)
Nandi	1955	0.27 (0.25–0.3)
Nandi	1956	0.28 (0.25–0.32)
Nandi	1957	0.28 (0.25–0.32)
Nandi	1958	0.29 (0.25–0.33)
Nandi	1959	0.29 (0.26–0.34)
Nandi	1960	0.3 (0.26–0.34)
Nandi	1961	0.31 (0.27–0.35)
Nandi	1962	0.31 (0.28–0.35)
Nandi	1963	0.32 (0.29–0.36)
Nandi	1964	0.33 (0.3–0.37)
Nandi	1965	0.35 (0.31–0.39)
Nandi	1966	0.37 (0.32–0.42)
Nandi	1967	0.39 (0.34–0.44)
Nandi	1968	0.41 (0.36–0.47)
Nandi	1969	0.44 (0.39–0.49)
Nandi	1970	0.47 (0.42–0.52)
Nandi	1971	0.49 (0.44–0.55)
Nandi	1972	0.52 (0.47–0.57)
Nandi	1973	0.55 (0.5–0.6)
Nandi	1974	0.57 (0.52–0.63)
Nandi	1975	0.6 (0.54–0.66)
Nandi	1976	0.63 (0.56–0.7)
Nandi	1977	0.65 (0.57–0.73)
Nandi	1978	0.68 (0.59–0.77)
Nandi	1979	0.7 (0.6–0.81)
Nandi	1980	0.72 (0.62–0.83)
Nandi	1981	0.74 (0.63–0.85)
Nandi	1982	0.75 (0.65–0.86)
Nandi	1983	0.77 (0.67–0.87)
Nandi	1984	0.78 (0.69–0.88)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nandi	1985	0.79 (0.71–0.88)
Nandi	1986	0.8 (0.73–0.88)
Nandi	1987	0.81 (0.73–0.89)
Nandi	1988	0.82 (0.74–0.91)
Nandi	1989	0.84 (0.74–0.94)
Nandi	1990	0.86 (0.75–0.97)
Nandi	1991	0.87 (0.76–0.99)
Nandi	1992	0.9 (0.78–1.01)
Nandi	1993	0.92 (0.81–1.02)
Nandi	1994	0.94 (0.84–1.03)
Nandi	1995	0.96 (0.87–1.05)
Nandi	1996	0.97 (0.88–1.07)
Nandi	1997	0.98 (0.88–1.09)
Nandi	1998	0.99 (0.87–1.11)
Nandi	1999	0.99 (0.86–1.13)
Nandi	2000	0.99 (0.85–1.13)
Nandi	2001	0.99 (0.86–1.15)
Nandi	2002	0.99 (0.85–1.13)
Nandi	2003	0.98 (0.86–1.12)
Nandi	2004	0.98 (0.86–1.1)
Nandi	2005	0.98 (0.87–1.1)
Nandi	2006	0.98 (0.87–1.1)
Nandi	2007	0.97 (0.86–1.11)
Nandi	2008	0.98 (0.85–1.13)
Nandi	2009	0.99 (0.85–1.13)
Nandi	2010	0.99 (0.85–1.12)
Nandi	2011	0.98 (0.85–1.12)
Nandi	2012	0.98 (0.85–1.13)
Nandi	2013	0.99 (0.86–1.13)
Nandi	2014	1.0 (0.89–1.11)
Nandi	2015	1.0 (0.91–1.09)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nandi	2016	1.01 (0.95–1.07)
Nandi	2017	1.0 (0.99–1.02)
Narok	1950	0.25 (0.25–0.26)
Narok	1951	0.26 (0.25–0.27)
Narok	1952	0.26 (0.25–0.28)
Narok	1953	0.27 (0.25–0.29)
Narok	1954	0.27 (0.25–0.3)
Narok	1955	0.28 (0.25–0.31)
Narok	1956	0.28 (0.25–0.32)
Narok	1957	0.29 (0.25–0.33)
Narok	1958	0.29 (0.26–0.33)
Narok	1959	0.3 (0.26–0.34)
Narok	1960	0.31 (0.27–0.35)
Narok	1961	0.31 (0.28–0.35)
Narok	1962	0.32 (0.29–0.36)
Narok	1963	0.33 (0.3–0.36)
Narok	1964	0.34 (0.3–0.38)
Narok	1965	0.35 (0.31–0.4)
Narok	1966	0.37 (0.33–0.42)
Narok	1967	0.39 (0.35–0.45)
Narok	1968	0.42 (0.37–0.48)
Narok	1969	0.44 (0.39–0.5)
Narok	1970	0.47 (0.42–0.53)
Narok	1971	0.5 (0.45–0.55)
Narok	1972	0.52 (0.48–0.57)
Narok	1973	0.55 (0.5–0.61)
Narok	1974	0.58 (0.52–0.64)
Narok	1975	0.61 (0.55–0.67)
Narok	1976	0.63 (0.56–0.71)
Narok	1977	0.66 (0.58–0.74)
Narok	1978	0.68 (0.59–0.78)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Narok	1979	0.71 (0.61–0.81)
Narok	1980	0.72 (0.62–0.83)
Narok	1981	0.74 (0.64–0.85)
Narok	1982	0.75 (0.66–0.86)
Narok	1983	0.77 (0.68–0.87)
Narok	1984	0.78 (0.69–0.88)
Narok	1985	0.79 (0.71–0.88)
Narok	1986	0.8 (0.73–0.88)
Narok	1987	0.81 (0.74–0.89)
Narok	1988	0.83 (0.74–0.91)
Narok	1989	0.84 (0.75–0.94)
Narok	1990	0.86 (0.75–0.97)
Narok	1991	0.88 (0.76–0.99)
Narok	1992	0.9 (0.78–1.01)
Narok	1993	0.92 (0.81–1.02)
Narok	1994	0.94 (0.84–1.03)
Narok	1995	0.96 (0.87–1.05)
Narok	1996	0.97 (0.88–1.06)
Narok	1997	0.98 (0.88–1.09)
Narok	1998	0.99 (0.87–1.11)
Narok	1999	0.99 (0.86–1.13)
Narok	2000	0.99 (0.85–1.13)
Narok	2001	0.99 (0.86–1.14)
Narok	2002	0.99 (0.85–1.13)
Narok	2003	0.98 (0.86–1.12)
Narok	2004	0.98 (0.86–1.1)
Narok	2005	0.98 (0.87–1.1)
Narok	2006	0.98 (0.87–1.1)
Narok	2007	0.97 (0.86–1.11)
Narok	2008	0.98 (0.85–1.13)
Narok	2009	0.99 (0.85–1.13)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Narok	2010	0.99 (0.85–1.12)
Narok	2011	0.98 (0.85–1.12)
Narok	2012	0.98 (0.85–1.13)
Narok	2013	0.99 (0.86–1.13)
Narok	2014	1.0 (0.89–1.11)
Narok	2015	1.0 (0.91–1.09)
Narok	2016	1.01 (0.95–1.07)
Narok	2017	1.0 (0.99–1.02)
Nyamira	1950	0.72 (0.64–0.79)
Nyamira	1951	0.72 (0.63–0.8)
Nyamira	1952	0.72 (0.63–0.8)
Nyamira	1953	0.71 (0.62–0.8)
Nyamira	1954	0.7 (0.61–0.8)
Nyamira	1955	0.7 (0.61–0.8)
Nyamira	1956	0.7 (0.61–0.8)
Nyamira	1957	0.7 (0.61–0.8)
Nyamira	1958	0.69 (0.61–0.79)
Nyamira	1959	0.7 (0.62–0.78)
Nyamira	1960	0.7 (0.62–0.78)
Nyamira	1961	0.7 (0.63–0.78)
Nyamira	1962	0.71 (0.63–0.79)
Nyamira	1963	0.72 (0.64–0.8)
Nyamira	1964	0.73 (0.65–0.81)
Nyamira	1965	0.74 (0.66–0.82)
Nyamira	1966	0.75 (0.67–0.84)
Nyamira	1967	0.76 (0.68–0.85)
Nyamira	1968	0.78 (0.7–0.87)
Nyamira	1969	0.79 (0.71–0.88)
Nyamira	1970	0.81 (0.73–0.9)
Nyamira	1971	0.82 (0.74–0.91)
Nyamira	1972	0.84 (0.76–0.93)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nyamira	1973	0.85 (0.77–0.94)
Nyamira	1974	0.87 (0.78–0.96)
Nyamira	1975	0.88 (0.78–0.98)
Nyamira	1976	0.9 (0.8–1.0)
Nyamira	1977	0.91 (0.8–1.01)
Nyamira	1978	0.92 (0.83–1.01)
Nyamira	1979	0.92 (0.83–1.01)
Nyamira	1980	0.92 (0.84–1.01)
Nyamira	1981	0.93 (0.85–1.01)
Nyamira	1982	0.93 (0.84–1.02)
Nyamira	1983	0.93 (0.84–1.01)
Nyamira	1984	0.92 (0.84–1.0)
Nyamira	1985	0.91 (0.83–0.99)
Nyamira	1986	0.9 (0.83–0.98)
Nyamira	1987	0.9 (0.83–0.97)
Nyamira	1988	0.9 (0.84–0.96)
Nyamira	1989	0.9 (0.84–0.97)
Nyamira	1990	0.9 (0.84–0.97)
Nyamira	1991	0.91 (0.84–0.98)
Nyamira	1992	0.92 (0.84–0.99)
Nyamira	1993	0.93 (0.86–1.0)
Nyamira	1994	0.94 (0.86–1.02)
Nyamira	1995	0.95 (0.87–1.03)
Nyamira	1996	0.95 (0.87–1.05)
Nyamira	1997	0.96 (0.87–1.05)
Nyamira	1998	0.96 (0.88–1.05)
Nyamira	1999	0.95 (0.88–1.03)
Nyamira	2000	0.95 (0.88–1.03)
Nyamira	2001	0.95 (0.87–1.04)
Nyamira	2002	0.94 (0.85–1.03)
Nyamira	2003	0.93 (0.84–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nyamira	2004	0.92 (0.83–1.01)
Nyamira	2005	0.91 (0.83–1.01)
Nyamira	2006	0.9 (0.82–0.99)
Nyamira	2007	0.9 (0.83–0.97)
Nyamira	2008	0.9 (0.82–0.99)
Nyamira	2009	0.91 (0.81–1.01)
Nyamira	2010	0.9 (0.8–1.02)
Nyamira	2011	0.9 (0.78–1.03)
Nyamira	2012	0.9 (0.78–1.03)
Nyamira	2013	0.89 (0.78–1.02)
Nyamira	2014	0.89 (0.77–1.01)
Nyamira	2015	0.88 (0.77–1.01)
Nyamira	2016	0.88 (0.77–1.0)
Nyamira	2017	0.88 (0.76–1.01)
Nyandarua	1950	0.43 (0.43–0.44)
Nyandarua	1951	0.44 (0.42–0.46)
Nyandarua	1952	0.45 (0.42–0.48)
Nyandarua	1953	0.46 (0.43–0.49)
Nyandarua	1954	0.47 (0.44–0.5)
Nyandarua	1955	0.48 (0.44–0.51)
Nyandarua	1956	0.49 (0.44–0.53)
Nyandarua	1957	0.49 (0.44–0.56)
Nyandarua	1958	0.5 (0.44–0.57)
Nyandarua	1959	0.51 (0.44–0.58)
Nyandarua	1960	0.52 (0.45–0.59)
Nyandarua	1961	0.53 (0.46–0.59)
Nyandarua	1962	0.54 (0.48–0.6)
Nyandarua	1963	0.55 (0.49–0.62)
Nyandarua	1964	0.57 (0.5–0.64)
Nyandarua	1965	0.59 (0.52–0.68)
Nyandarua	1966	0.62 (0.54–0.71)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nyandarua	1967	0.65 (0.57–0.74)
Nyandarua	1968	0.68 (0.6–0.78)
Nyandarua	1969	0.71 (0.62–0.81)
Nyandarua	1970	0.75 (0.65–0.85)
Nyandarua	1971	0.78 (0.69–0.87)
Nyandarua	1972	0.8 (0.73–0.88)
Nyandarua	1973	0.83 (0.76–0.9)
Nyandarua	1974	0.85 (0.78–0.92)
Nyandarua	1975	0.87 (0.8–0.95)
Nyandarua	1976	0.88 (0.8–0.97)
Nyandarua	1977	0.88 (0.79–0.98)
Nyandarua	1978	0.88 (0.79–0.98)
Nyandarua	1979	0.89 (0.8–0.99)
Nyandarua	1980	0.89 (0.8–0.99)
Nyandarua	1981	0.88 (0.8–0.96)
Nyandarua	1982	0.87 (0.8–0.95)
Nyandarua	1983	0.88 (0.8–0.97)
Nyandarua	1984	0.88 (0.79–0.99)
Nyandarua	1985	0.89 (0.79–1.01)
Nyandarua	1986	0.9 (0.78–1.04)
Nyandarua	1987	0.91 (0.78–1.06)
Nyandarua	1988	0.92 (0.78–1.07)
Nyandarua	1989	0.93 (0.79–1.1)
Nyandarua	1990	0.94 (0.8–1.09)
Nyandarua	1991	0.95 (0.81–1.08)
Nyandarua	1992	0.96 (0.85–1.07)
Nyandarua	1993	0.97 (0.86–1.09)
Nyandarua	1994	0.98 (0.88–1.1)
Nyandarua	1995	0.98 (0.87–1.1)
Nyandarua	1996	0.98 (0.86–1.11)
Nyandarua	1997	0.99 (0.85–1.15)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nyandarua	1998	0.99 (0.84–1.16)
Nyandarua	1999	0.99 (0.83–1.17)
Nyandarua	2000	0.99 (0.83–1.18)
Nyandarua	2001	0.98 (0.83–1.15)
Nyandarua	2002	0.96 (0.83–1.12)
Nyandarua	2003	0.95 (0.83–1.09)
Nyandarua	2004	0.93 (0.83–1.05)
Nyandarua	2005	0.92 (0.82–1.03)
Nyandarua	2006	0.92 (0.8–1.03)
Nyandarua	2007	0.91 (0.78–1.06)
Nyandarua	2008	0.92 (0.77–1.09)
Nyandarua	2009	0.93 (0.77–1.11)
Nyandarua	2010	0.93 (0.78–1.11)
Nyandarua	2011	0.94 (0.79–1.1)
Nyandarua	2012	0.93 (0.8–1.08)
Nyandarua	2013	0.92 (0.81–1.06)
Nyandarua	2014	0.92 (0.82–1.02)
Nyandarua	2015	0.92 (0.84–1.02)
Nyandarua	2016	0.93 (0.87–0.99)
Nyandarua	2017	0.93 (0.91–0.94)
Nyeri	1950	0.46 (0.45–0.46)
Nyeri	1951	0.46 (0.44–0.48)
Nyeri	1952	0.47 (0.44–0.5)
Nyeri	1953	0.48 (0.44–0.51)
Nyeri	1954	0.48 (0.45–0.51)
Nyeri	1955	0.49 (0.45–0.52)
Nyeri	1956	0.5 (0.45–0.55)
Nyeri	1957	0.5 (0.45–0.57)
Nyeri	1958	0.51 (0.45–0.58)
Nyeri	1959	0.52 (0.45–0.59)
Nyeri	1960	0.53 (0.46–0.6)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nyeri	1961	0.53 (0.47–0.6)
Nyeri	1962	0.54 (0.49–0.61)
Nyeri	1963	0.56 (0.5–0.63)
Nyeri	1964	0.58 (0.5–0.65)
Nyeri	1965	0.6 (0.52–0.68)
Nyeri	1966	0.62 (0.54–0.71)
Nyeri	1967	0.65 (0.57–0.74)
Nyeri	1968	0.68 (0.6–0.78)
Nyeri	1969	0.71 (0.62–0.81)
Nyeri	1970	0.75 (0.65–0.85)
Nyeri	1971	0.78 (0.69–0.87)
Nyeri	1972	0.8 (0.73–0.88)
Nyeri	1973	0.83 (0.76–0.9)
Nyeri	1974	0.85 (0.78–0.92)
Nyeri	1975	0.87 (0.8–0.95)
Nyeri	1976	0.88 (0.8–0.97)
Nyeri	1977	0.88 (0.79–0.98)
Nyeri	1978	0.88 (0.79–0.98)
Nyeri	1979	0.89 (0.8–0.99)
Nyeri	1980	0.89 (0.8–0.99)
Nyeri	1981	0.88 (0.8–0.96)
Nyeri	1982	0.87 (0.8–0.95)
Nyeri	1983	0.88 (0.8–0.97)
Nyeri	1984	0.88 (0.79–0.99)
Nyeri	1985	0.89 (0.79–1.01)
Nyeri	1986	0.9 (0.78–1.04)
Nyeri	1987	0.91 (0.78–1.06)
Nyeri	1988	0.92 (0.78–1.07)
Nyeri	1989	0.93 (0.79–1.1)
Nyeri	1990	0.94 (0.8–1.09)
Nyeri	1991	0.95 (0.81–1.08)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Nyeri	1992	0.96 (0.85–1.07)
Nyeri	1993	0.97 (0.86–1.09)
Nyeri	1994	0.98 (0.88–1.1)
Nyeri	1995	0.98 (0.87–1.1)
Nyeri	1996	0.98 (0.86–1.11)
Nyeri	1997	0.99 (0.85–1.14)
Nyeri	1998	0.99 (0.84–1.16)
Nyeri	1999	0.99 (0.83–1.17)
Nyeri	2000	0.99 (0.83–1.18)
Nyeri	2001	0.98 (0.83–1.15)
Nyeri	2002	0.96 (0.83–1.12)
Nyeri	2003	0.95 (0.83–1.09)
Nyeri	2004	0.93 (0.83–1.05)
Nyeri	2005	0.92 (0.82–1.03)
Nyeri	2006	0.91 (0.8–1.03)
Nyeri	2007	0.91 (0.78–1.06)
Nyeri	2008	0.92 (0.77–1.09)
Nyeri	2009	0.93 (0.77–1.11)
Nyeri	2010	0.93 (0.78–1.11)
Nyeri	2011	0.94 (0.79–1.1)
Nyeri	2012	0.93 (0.8–1.08)
Nyeri	2013	0.92 (0.81–1.06)
Nyeri	2014	0.92 (0.82–1.02)
Nyeri	2015	0.92 (0.84–1.02)
Nyeri	2016	0.93 (0.87–0.99)
Nyeri	2017	0.93 (0.91–0.94)
Samburu	1950	0.25 (0.25–0.26)
Samburu	1951	0.26 (0.24–0.27)
Samburu	1952	0.26 (0.24–0.28)
Samburu	1953	0.27 (0.25–0.29)
Samburu	1954	0.27 (0.25–0.3)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Samburu	1955	0.28 (0.25–0.31)
Samburu	1956	0.28 (0.25–0.32)
Samburu	1957	0.29 (0.25–0.33)
Samburu	1958	0.29 (0.26–0.33)
Samburu	1959	0.3 (0.26–0.34)
Samburu	1960	0.3 (0.27–0.35)
Samburu	1961	0.31 (0.27–0.35)
Samburu	1962	0.32 (0.28–0.36)
Samburu	1963	0.33 (0.29–0.36)
Samburu	1964	0.34 (0.3–0.38)
Samburu	1965	0.35 (0.31–0.4)
Samburu	1966	0.37 (0.32–0.42)
Samburu	1967	0.39 (0.35–0.45)
Samburu	1968	0.42 (0.37–0.48)
Samburu	1969	0.44 (0.39–0.5)
Samburu	1970	0.47 (0.42–0.53)
Samburu	1971	0.5 (0.45–0.55)
Samburu	1972	0.53 (0.48–0.58)
Samburu	1973	0.55 (0.5–0.61)
Samburu	1974	0.58 (0.52–0.64)
Samburu	1975	0.61 (0.55–0.67)
Samburu	1976	0.63 (0.56–0.71)
Samburu	1977	0.66 (0.58–0.74)
Samburu	1978	0.69 (0.59–0.78)
Samburu	1979	0.71 (0.61–0.81)
Samburu	1980	0.72 (0.62–0.84)
Samburu	1981	0.74 (0.64–0.85)
Samburu	1982	0.75 (0.66–0.86)
Samburu	1983	0.77 (0.68–0.87)
Samburu	1984	0.78 (0.7–0.88)
Samburu	1985	0.79 (0.71–0.88)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Samburu	1986	0.8 (0.73–0.88)
Samburu	1987	0.81 (0.74–0.89)
Samburu	1988	0.83 (0.74–0.92)
Samburu	1989	0.84 (0.75–0.94)
Samburu	1990	0.86 (0.75–0.97)
Samburu	1991	0.88 (0.76–0.99)
Samburu	1992	0.9 (0.78–1.01)
Samburu	1993	0.92 (0.82–1.02)
Samburu	1994	0.94 (0.84–1.03)
Samburu	1995	0.96 (0.87–1.05)
Samburu	1996	0.97 (0.88–1.06)
Samburu	1997	0.98 (0.88–1.09)
Samburu	1998	0.99 (0.87–1.11)
Samburu	1999	0.99 (0.86–1.13)
Samburu	2000	0.99 (0.85–1.13)
Samburu	2001	0.99 (0.86–1.14)
Samburu	2002	0.99 (0.86–1.13)
Samburu	2003	0.98 (0.86–1.12)
Samburu	2004	0.98 (0.86–1.1)
Samburu	2005	0.98 (0.87–1.1)
Samburu	2006	0.98 (0.87–1.1)
Samburu	2007	0.97 (0.86–1.11)
Samburu	2008	0.98 (0.85–1.13)
Samburu	2009	0.99 (0.85–1.13)
Samburu	2010	0.99 (0.85–1.12)
Samburu	2011	0.98 (0.85–1.12)
Samburu	2012	0.98 (0.85–1.13)
Samburu	2013	0.99 (0.86–1.13)
Samburu	2014	1.0 (0.89–1.11)
Samburu	2015	1.0 (0.91–1.09)
Samburu	2016	1.01 (0.95–1.07)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Samburu	2017	1.0 (0.99–1.02)
Siaya	1950	0.76 (0.7–0.83)
Siaya	1951	0.76 (0.69–0.83)
Siaya	1952	0.76 (0.69–0.84)
Siaya	1953	0.76 (0.68–0.84)
Siaya	1954	0.75 (0.67–0.83)
Siaya	1955	0.74 (0.66–0.83)
Siaya	1956	0.74 (0.66–0.83)
Siaya	1957	0.74 (0.66–0.83)
Siaya	1958	0.73 (0.66–0.82)
Siaya	1959	0.73 (0.66–0.81)
Siaya	1960	0.74 (0.66–0.81)
Siaya	1961	0.74 (0.67–0.81)
Siaya	1962	0.74 (0.67–0.82)
Siaya	1963	0.75 (0.67–0.83)
Siaya	1964	0.76 (0.68–0.84)
Siaya	1965	0.77 (0.69–0.84)
Siaya	1966	0.78 (0.7–0.86)
Siaya	1967	0.79 (0.71–0.87)
Siaya	1968	0.8 (0.73–0.88)
Siaya	1969	0.81 (0.74–0.89)
Siaya	1970	0.83 (0.75–0.91)
Siaya	1971	0.84 (0.76–0.92)
Siaya	1972	0.85 (0.78–0.94)
Siaya	1973	0.87 (0.79–0.95)
Siaya	1974	0.88 (0.8–0.96)
Siaya	1975	0.89 (0.8–0.98)
Siaya	1976	0.91 (0.81–1.0)
Siaya	1977	0.91 (0.82–1.01)
Siaya	1978	0.92 (0.84–1.01)
Siaya	1979	0.93 (0.84–1.01)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Siaya	1980	0.93 (0.85–1.01)
Siaya	1981	0.93 (0.86–1.01)
Siaya	1982	0.93 (0.85–1.02)
Siaya	1983	0.93 (0.85–1.01)
Siaya	1984	0.92 (0.85–1.0)
Siaya	1985	0.92 (0.84–0.99)
Siaya	1986	0.91 (0.84–0.98)
Siaya	1987	0.91 (0.85–0.97)
Siaya	1988	0.91 (0.85–0.97)
Siaya	1989	0.91 (0.85–0.97)
Siaya	1990	0.91 (0.85–0.97)
Siaya	1991	0.92 (0.85–0.98)
Siaya	1992	0.92 (0.86–0.99)
Siaya	1993	0.94 (0.87–1.0)
Siaya	1994	0.94 (0.87–1.02)
Siaya	1995	0.95 (0.88–1.03)
Siaya	1996	0.96 (0.88–1.05)
Siaya	1997	0.96 (0.88–1.05)
Siaya	1998	0.96 (0.88–1.05)
Siaya	1999	0.96 (0.89–1.03)
Siaya	2000	0.96 (0.89–1.03)
Siaya	2001	0.95 (0.87–1.03)
Siaya	2002	0.94 (0.86–1.03)
Siaya	2003	0.93 (0.85–1.02)
Siaya	2004	0.92 (0.84–1.01)
Siaya	2005	0.91 (0.84–1.01)
Siaya	2006	0.91 (0.83–0.99)
Siaya	2007	0.91 (0.83–0.97)
Siaya	2008	0.91 (0.83–0.99)
Siaya	2009	0.91 (0.82–1.01)
Siaya	2010	0.9 (0.8–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Siaya	2011	0.9 (0.79–1.02)
Siaya	2012	0.9 (0.79–1.03)
Siaya	2013	0.89 (0.78–1.02)
Siaya	2014	0.89 (0.78–1.01)
Siaya	2015	0.89 (0.78–1.01)
Siaya	2016	0.88 (0.77–1.0)
Siaya	2017	0.88 (0.77–1.01)
TaitaTaveta	1950	0.94 (0.93–0.95)
TaitaTaveta	1951	0.94 (0.9–0.97)
TaitaTaveta	1952	0.93 (0.87–0.99)
TaitaTaveta	1953	0.92 (0.86–0.98)
TaitaTaveta	1954	0.91 (0.85–0.97)
TaitaTaveta	1955	0.91 (0.84–0.98)
TaitaTaveta	1956	0.91 (0.83–1.0)
TaitaTaveta	1957	0.91 (0.82–1.01)
TaitaTaveta	1958	0.91 (0.82–1.02)
TaitaTaveta	1959	0.92 (0.82–1.02)
TaitaTaveta	1960	0.92 (0.82–1.03)
TaitaTaveta	1961	0.92 (0.82–1.03)
TaitaTaveta	1962	0.93 (0.82–1.04)
TaitaTaveta	1963	0.94 (0.83–1.06)
TaitaTaveta	1964	0.95 (0.84–1.07)
TaitaTaveta	1965	0.96 (0.84–1.08)
TaitaTaveta	1966	0.97 (0.86–1.1)
TaitaTaveta	1967	0.98 (0.86–1.11)
TaitaTaveta	1968	0.98 (0.88–1.11)
TaitaTaveta	1969	0.99 (0.89–1.11)
TaitaTaveta	1970	1.0 (0.9–1.11)
TaitaTaveta	1971	1.01 (0.9–1.12)
TaitaTaveta	1972	1.01 (0.9–1.12)
TaitaTaveta	1973	1.0 (0.9–1.11)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
TaitaTaveta	1974	0.99 (0.9–1.09)
TaitaTaveta	1975	0.99 (0.89–1.09)
TaitaTaveta	1976	0.99 (0.88–1.09)
TaitaTaveta	1977	0.99 (0.88–1.09)
TaitaTaveta	1978	0.99 (0.89–1.09)
TaitaTaveta	1979	0.99 (0.89–1.09)
TaitaTaveta	1980	0.99 (0.89–1.11)
TaitaTaveta	1981	0.99 (0.88–1.11)
TaitaTaveta	1982	0.99 (0.88–1.11)
TaitaTaveta	1983	1.0 (0.88–1.12)
TaitaTaveta	1984	1.0 (0.89–1.12)
TaitaTaveta	1985	1.0 (0.9–1.12)
TaitaTaveta	1986	1.01 (0.9–1.13)
TaitaTaveta	1987	1.02 (0.91–1.15)
TaitaTaveta	1988	1.02 (0.91–1.16)
TaitaTaveta	1989	1.03 (0.91–1.16)
TaitaTaveta	1990	1.03 (0.91–1.17)
TaitaTaveta	1991	1.04 (0.92–1.18)
TaitaTaveta	1992	1.05 (0.93–1.19)
TaitaTaveta	1993	1.06 (0.95–1.19)
TaitaTaveta	1994	1.06 (0.95–1.2)
TaitaTaveta	1995	1.07 (0.96–1.19)
TaitaTaveta	1996	1.07 (0.97–1.18)
TaitaTaveta	1997	1.07 (0.97–1.17)
TaitaTaveta	1998	1.07 (0.98–1.16)
TaitaTaveta	1999	1.06 (0.98–1.15)
TaitaTaveta	2000	1.06 (0.97–1.15)
TaitaTaveta	2001	1.06 (0.96–1.17)
TaitaTaveta	2002	1.05 (0.94–1.17)
TaitaTaveta	2003	1.03 (0.92–1.16)
TaitaTaveta	2004	1.02 (0.91–1.14)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
TaitaTaveta	2005	1.0 (0.88–1.14)
TaitaTaveta	2006	0.99 (0.87–1.13)
TaitaTaveta	2007	0.99 (0.87–1.13)
TaitaTaveta	2008	1.0 (0.86–1.13)
TaitaTaveta	2009	1.01 (0.86–1.17)
TaitaTaveta	2010	1.01 (0.87–1.18)
TaitaTaveta	2011	1.01 (0.86–1.17)
TaitaTaveta	2012	1.01 (0.87–1.16)
TaitaTaveta	2013	1.0 (0.87–1.14)
TaitaTaveta	2014	1.0 (0.88–1.11)
TaitaTaveta	2015	1.0 (0.91–1.09)
TaitaTaveta	2016	1.0 (0.94–1.05)
TaitaTaveta	2017	0.99 (0.98–1.0)
TanaRiver	1950	0.93 (0.92–0.94)
TanaRiver	1951	0.93 (0.89–0.97)
TanaRiver	1952	0.92 (0.86–0.98)
TanaRiver	1953	0.91 (0.84–0.98)
TanaRiver	1954	0.9 (0.83–0.97)
TanaRiver	1955	0.9 (0.82–0.98)
TanaRiver	1956	0.9 (0.81–1.0)
TanaRiver	1957	0.91 (0.81–1.01)
TanaRiver	1958	0.91 (0.81–1.02)
TanaRiver	1959	0.91 (0.8–1.02)
TanaRiver	1960	0.91 (0.81–1.03)
TanaRiver	1961	0.92 (0.81–1.03)
TanaRiver	1962	0.92 (0.81–1.05)
TanaRiver	1963	0.93 (0.82–1.07)
TanaRiver	1964	0.95 (0.83–1.08)
TanaRiver	1965	0.95 (0.83–1.08)
TanaRiver	1966	0.96 (0.85–1.1)
TanaRiver	1967	0.98 (0.86–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
TanaRiver	1968	0.98 (0.87–1.11)
TanaRiver	1969	0.99 (0.88–1.12)
TanaRiver	1970	1.0 (0.89–1.12)
TanaRiver	1971	1.01 (0.9–1.13)
TanaRiver	1972	1.01 (0.89–1.13)
TanaRiver	1973	1.0 (0.89–1.11)
TanaRiver	1974	0.99 (0.89–1.1)
TanaRiver	1975	0.99 (0.89–1.09)
TanaRiver	1976	0.99 (0.88–1.1)
TanaRiver	1977	0.99 (0.88–1.09)
TanaRiver	1978	0.99 (0.89–1.09)
TanaRiver	1979	0.99 (0.89–1.09)
TanaRiver	1980	0.99 (0.88–1.11)
TanaRiver	1981	0.99 (0.88–1.11)
TanaRiver	1982	0.99 (0.88–1.11)
TanaRiver	1983	1.0 (0.88–1.12)
TanaRiver	1984	1.0 (0.89–1.13)
TanaRiver	1985	1.0 (0.9–1.12)
TanaRiver	1986	1.01 (0.9–1.13)
TanaRiver	1987	1.02 (0.9–1.15)
TanaRiver	1988	1.02 (0.91–1.16)
TanaRiver	1989	1.03 (0.91–1.16)
TanaRiver	1990	1.03 (0.91–1.17)
TanaRiver	1991	1.04 (0.92–1.18)
TanaRiver	1992	1.05 (0.93–1.19)
TanaRiver	1993	1.06 (0.95–1.19)
TanaRiver	1994	1.06 (0.95–1.2)
TanaRiver	1995	1.07 (0.96–1.19)
TanaRiver	1996	1.07 (0.97–1.18)
TanaRiver	1997	1.07 (0.97–1.17)
TanaRiver	1998	1.07 (0.98–1.16)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
TanaRiver	1999	1.06 (0.98–1.15)
TanaRiver	2000	1.06 (0.97–1.15)
TanaRiver	2001	1.06 (0.96–1.17)
TanaRiver	2002	1.05 (0.94–1.16)
TanaRiver	2003	1.03 (0.92–1.16)
TanaRiver	2004	1.02 (0.91–1.14)
TanaRiver	2005	1.0 (0.88–1.14)
TanaRiver	2006	0.99 (0.87–1.12)
TanaRiver	2007	0.99 (0.87–1.13)
TanaRiver	2008	1.0 (0.87–1.13)
TanaRiver	2009	1.01 (0.86–1.17)
TanaRiver	2010	1.01 (0.87–1.18)
TanaRiver	2011	1.01 (0.86–1.17)
TanaRiver	2012	1.01 (0.87–1.16)
TanaRiver	2013	1.0 (0.87–1.14)
TanaRiver	2014	0.99 (0.89–1.1)
TanaRiver	2015	1.0 (0.91–1.09)
TanaRiver	2016	1.0 (0.94–1.05)
TanaRiver	2017	0.99 (0.98–1.0)
TharakaNithi	1950	0.55 (0.55–0.55)
TharakaNithi	1951	0.56 (0.53–0.59)
TharakaNithi	1952	0.57 (0.53–0.61)
TharakaNithi	1953	0.58 (0.53–0.63)
TharakaNithi	1954	0.58 (0.53–0.64)
TharakaNithi	1955	0.6 (0.53–0.66)
TharakaNithi	1956	0.6 (0.53–0.67)
TharakaNithi	1957	0.61 (0.53–0.69)
TharakaNithi	1958	0.61 (0.53–0.69)
TharakaNithi	1959	0.61 (0.54–0.69)
TharakaNithi	1960	0.62 (0.54–0.7)
TharakaNithi	1961	0.62 (0.55–0.7)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
TharakaNithi	1962	0.63 (0.56–0.71)
TharakaNithi	1963	0.64 (0.57–0.72)
TharakaNithi	1964	0.65 (0.58–0.73)
TharakaNithi	1965	0.66 (0.59–0.74)
TharakaNithi	1966	0.68 (0.61–0.76)
TharakaNithi	1967	0.7 (0.63–0.77)
TharakaNithi	1968	0.71 (0.64–0.8)
TharakaNithi	1969	0.73 (0.65–0.81)
TharakaNithi	1970	0.74 (0.67–0.82)
TharakaNithi	1971	0.76 (0.69–0.83)
TharakaNithi	1972	0.77 (0.71–0.84)
TharakaNithi	1973	0.78 (0.72–0.86)
TharakaNithi	1974	0.79 (0.72–0.88)
TharakaNithi	1975	0.8 (0.73–0.88)
TharakaNithi	1976	0.81 (0.74–0.89)
TharakaNithi	1977	0.82 (0.74–0.9)
TharakaNithi	1978	0.83 (0.75–0.91)
TharakaNithi	1979	0.84 (0.77–0.93)
TharakaNithi	1980	0.85 (0.77–0.94)
TharakaNithi	1981	0.86 (0.78–0.95)
TharakaNithi	1982	0.87 (0.79–0.96)
TharakaNithi	1983	0.88 (0.79–0.98)
TharakaNithi	1984	0.89 (0.79–0.99)
TharakaNithi	1985	0.89 (0.79–1.0)
TharakaNithi	1986	0.9 (0.8–1.0)
TharakaNithi	1987	0.9 (0.81–1.0)
TharakaNithi	1988	0.91 (0.83–1.0)
TharakaNithi	1989	0.91 (0.84–1.0)
TharakaNithi	1990	0.92 (0.85–1.0)
TharakaNithi	1991	0.93 (0.85–1.01)
TharakaNithi	1992	0.94 (0.85–1.03)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
TharakaNithi	1993	0.95 (0.85–1.05)
TharakaNithi	1994	0.95 (0.85–1.05)
TharakaNithi	1995	0.95 (0.85–1.05)
TharakaNithi	1996	0.95 (0.85–1.04)
TharakaNithi	1997	0.95 (0.87–1.04)
TharakaNithi	1998	0.95 (0.87–1.03)
TharakaNithi	1999	0.95 (0.87–1.03)
TharakaNithi	2000	0.94 (0.86–1.03)
TharakaNithi	2001	0.94 (0.85–1.04)
TharakaNithi	2002	0.94 (0.84–1.04)
TharakaNithi	2003	0.94 (0.83–1.05)
TharakaNithi	2004	0.93 (0.83–1.04)
TharakaNithi	2005	0.92 (0.83–1.03)
TharakaNithi	2006	0.92 (0.83–1.01)
TharakaNithi	2007	0.92 (0.84–1.01)
TharakaNithi	2008	0.94 (0.85–1.04)
TharakaNithi	2009	0.95 (0.84–1.07)
TharakaNithi	2010	0.96 (0.84–1.09)
TharakaNithi	2011	0.96 (0.84–1.1)
TharakaNithi	2012	0.97 (0.84–1.12)
TharakaNithi	2013	0.99 (0.86–1.13)
TharakaNithi	2014	1.0 (0.88–1.13)
TharakaNithi	2015	1.0 (0.91–1.1)
TharakaNithi	2016	1.0 (0.94–1.06)
TharakaNithi	2017	1.0 (0.96–1.03)
TransNzoia	1950	0.26 (0.26–0.26)
TransNzoia	1951	0.26 (0.25–0.28)
TransNzoia	1952	0.27 (0.25–0.29)
TransNzoia	1953	0.27 (0.25–0.3)
TransNzoia	1954	0.28 (0.25–0.3)
TransNzoia	1955	0.28 (0.26–0.31)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
TransNzoia	1956	0.29 (0.26–0.32)
TransNzoia	1957	0.29 (0.26–0.33)
TransNzoia	1958	0.3 (0.26–0.34)
TransNzoia	1959	0.3 (0.27–0.35)
TransNzoia	1960	0.31 (0.27–0.35)
TransNzoia	1961	0.32 (0.28–0.36)
TransNzoia	1962	0.32 (0.29–0.36)
TransNzoia	1963	0.33 (0.3–0.37)
TransNzoia	1964	0.34 (0.31–0.38)
TransNzoia	1965	0.36 (0.32–0.4)
TransNzoia	1966	0.38 (0.33–0.42)
TransNzoia	1967	0.4 (0.35–0.45)
TransNzoia	1968	0.42 (0.37–0.48)
TransNzoia	1969	0.45 (0.39–0.5)
TransNzoia	1970	0.47 (0.42–0.53)
TransNzoia	1971	0.5 (0.45–0.55)
TransNzoia	1972	0.53 (0.48–0.58)
TransNzoia	1973	0.55 (0.5–0.61)
TransNzoia	1974	0.58 (0.52–0.64)
TransNzoia	1975	0.61 (0.55–0.67)
TransNzoia	1976	0.63 (0.56–0.71)
TransNzoia	1977	0.66 (0.58–0.74)
TransNzoia	1978	0.68 (0.59–0.78)
TransNzoia	1979	0.71 (0.61–0.81)
TransNzoia	1980	0.72 (0.62–0.83)
TransNzoia	1981	0.74 (0.64–0.85)
TransNzoia	1982	0.75 (0.66–0.86)
TransNzoia	1983	0.77 (0.67–0.87)
TransNzoia	1984	0.78 (0.69–0.88)
TransNzoia	1985	0.79 (0.71–0.88)
TransNzoia	1986	0.8 (0.73–0.88)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
TransNzoia	1987	0.81 (0.73–0.89)
TransNzoia	1988	0.82 (0.74–0.91)
TransNzoia	1989	0.84 (0.74–0.94)
TransNzoia	1990	0.86 (0.75–0.97)
TransNzoia	1991	0.87 (0.76–0.99)
TransNzoia	1992	0.9 (0.78–1.01)
TransNzoia	1993	0.92 (0.81–1.02)
TransNzoia	1994	0.94 (0.84–1.03)
TransNzoia	1995	0.96 (0.87–1.05)
TransNzoia	1996	0.97 (0.88–1.06)
TransNzoia	1997	0.98 (0.88–1.09)
TransNzoia	1998	0.99 (0.87–1.11)
TransNzoia	1999	0.99 (0.86–1.13)
TransNzoia	2000	0.99 (0.85–1.13)
TransNzoia	2001	0.99 (0.86–1.14)
TransNzoia	2002	0.99 (0.85–1.13)
TransNzoia	2003	0.98 (0.86–1.12)
TransNzoia	2004	0.98 (0.86–1.1)
TransNzoia	2005	0.98 (0.87–1.1)
TransNzoia	2006	0.98 (0.87–1.1)
TransNzoia	2007	0.97 (0.86–1.11)
TransNzoia	2008	0.98 (0.85–1.13)
TransNzoia	2009	0.99 (0.85–1.13)
TransNzoia	2010	0.99 (0.85–1.12)
TransNzoia	2011	0.98 (0.85–1.12)
TransNzoia	2012	0.98 (0.85–1.13)
TransNzoia	2013	0.99 (0.86–1.13)
TransNzoia	2014	1.0 (0.89–1.11)
TransNzoia	2015	1.0 (0.91–1.09)
TransNzoia	2016	1.01 (0.95–1.07)
TransNzoia	2017	1.0 (0.99–1.02)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Turkana	1950	0.29 (0.28–0.3)
Turkana	1951	0.3 (0.28–0.31)
Turkana	1952	0.3 (0.28–0.32)
Turkana	1953	0.3 (0.28–0.33)
Turkana	1954	0.31 (0.28–0.34)
Turkana	1955	0.31 (0.28–0.34)
Turkana	1956	0.32 (0.28–0.35)
Turkana	1957	0.32 (0.28–0.36)
Turkana	1958	0.32 (0.29–0.37)
Turkana	1959	0.33 (0.29–0.37)
Turkana	1960	0.33 (0.3–0.38)
Turkana	1961	0.34 (0.3–0.38)
Turkana	1962	0.35 (0.31–0.39)
Turkana	1963	0.36 (0.32–0.39)
Turkana	1964	0.37 (0.33–0.4)
Turkana	1965	0.38 (0.34–0.43)
Turkana	1966	0.4 (0.35–0.45)
Turkana	1967	0.42 (0.37–0.48)
Turkana	1968	0.45 (0.39–0.5)
Turkana	1969	0.47 (0.42–0.53)
Turkana	1970	0.5 (0.44–0.55)
Turkana	1971	0.52 (0.47–0.57)
Turkana	1972	0.55 (0.5–0.6)
Turkana	1973	0.58 (0.53–0.63)
Turkana	1974	0.6 (0.54–0.66)
Turkana	1975	0.63 (0.57–0.69)
Turkana	1976	0.65 (0.59–0.72)
Turkana	1977	0.68 (0.6–0.75)
Turkana	1978	0.7 (0.61–0.79)
Turkana	1979	0.72 (0.63–0.82)
Turkana	1980	0.74 (0.64–0.84)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Turkana	1981	0.75 (0.65–0.86)
Turkana	1982	0.77 (0.67–0.87)
Turkana	1983	0.78 (0.69–0.88)
Turkana	1984	0.79 (0.71–0.88)
Turkana	1985	0.8 (0.72–0.89)
Turkana	1986	0.81 (0.74–0.88)
Turkana	1987	0.82 (0.75–0.9)
Turkana	1988	0.83 (0.75–0.92)
Turkana	1989	0.85 (0.76–0.94)
Turkana	1990	0.86 (0.76–0.97)
Turkana	1991	0.88 (0.77–0.99)
Turkana	1992	0.9 (0.79–1.01)
Turkana	1993	0.92 (0.82–1.02)
Turkana	1994	0.94 (0.85–1.03)
Turkana	1995	0.96 (0.87–1.05)
Turkana	1996	0.97 (0.88–1.06)
Turkana	1997	0.98 (0.89–1.09)
Turkana	1998	0.99 (0.88–1.1)
Turkana	1999	0.99 (0.86–1.12)
Turkana	2000	0.99 (0.85–1.13)
Turkana	2001	0.99 (0.86–1.14)
Turkana	2002	0.99 (0.86–1.12)
Turkana	2003	0.98 (0.86–1.12)
Turkana	2004	0.98 (0.86–1.1)
Turkana	2005	0.98 (0.87–1.1)
Turkana	2006	0.98 (0.87–1.09)
Turkana	2007	0.97 (0.86–1.11)
Turkana	2008	0.98 (0.85–1.12)
Turkana	2009	0.99 (0.86–1.13)
Turkana	2010	0.99 (0.85–1.12)
Turkana	2011	0.98 (0.85–1.12)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Turkana	2012	0.98 (0.85–1.12)
Turkana	2013	0.99 (0.86–1.13)
Turkana	2014	1.0 (0.89–1.11)
Turkana	2015	1.0 (0.92–1.09)
Turkana	2016	1.01 (0.95–1.07)
Turkana	2017	1.0 (0.99–1.02)
UasinGishu	1950	0.25 (0.24–0.25)
UasinGishu	1951	0.25 (0.24–0.27)
UasinGishu	1952	0.26 (0.24–0.28)
UasinGishu	1953	0.26 (0.24–0.28)
UasinGishu	1954	0.26 (0.24–0.29)
UasinGishu	1955	0.27 (0.25–0.3)
UasinGishu	1956	0.28 (0.25–0.31)
UasinGishu	1957	0.28 (0.25–0.32)
UasinGishu	1958	0.29 (0.25–0.33)
UasinGishu	1959	0.29 (0.26–0.33)
UasinGishu	1960	0.3 (0.26–0.34)
UasinGishu	1961	0.3 (0.27–0.35)
UasinGishu	1962	0.31 (0.28–0.35)
UasinGishu	1963	0.32 (0.29–0.36)
UasinGishu	1964	0.33 (0.29–0.37)
UasinGishu	1965	0.35 (0.3–0.39)
UasinGishu	1966	0.36 (0.32–0.41)
UasinGishu	1967	0.39 (0.34–0.44)
UasinGishu	1968	0.41 (0.36–0.47)
UasinGishu	1969	0.44 (0.38–0.49)
UasinGishu	1970	0.46 (0.41–0.52)
UasinGishu	1971	0.49 (0.44–0.54)
UasinGishu	1972	0.52 (0.47–0.57)
UasinGishu	1973	0.55 (0.49–0.6)
UasinGishu	1974	0.57 (0.51–0.63)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
UasinGishu	1975	0.6 (0.54–0.66)
UasinGishu	1976	0.62 (0.56–0.7)
UasinGishu	1977	0.65 (0.57–0.73)
UasinGishu	1978	0.68 (0.59–0.77)
UasinGishu	1979	0.7 (0.6–0.81)
UasinGishu	1980	0.72 (0.61–0.83)
UasinGishu	1981	0.73 (0.63–0.85)
UasinGishu	1982	0.75 (0.65–0.86)
UasinGishu	1983	0.76 (0.67–0.87)
UasinGishu	1984	0.78 (0.69–0.87)
UasinGishu	1985	0.79 (0.71–0.88)
UasinGishu	1986	0.8 (0.73–0.87)
UasinGishu	1987	0.81 (0.73–0.89)
UasinGishu	1988	0.82 (0.74–0.91)
UasinGishu	1989	0.84 (0.74–0.94)
UasinGishu	1990	0.86 (0.75–0.97)
UasinGishu	1991	0.87 (0.76–0.99)
UasinGishu	1992	0.9 (0.78–1.01)
UasinGishu	1993	0.92 (0.81–1.02)
UasinGishu	1994	0.94 (0.84–1.03)
UasinGishu	1995	0.96 (0.87–1.06)
UasinGishu	1996	0.97 (0.88–1.07)
UasinGishu	1997	0.98 (0.88–1.09)
UasinGishu	1998	0.99 (0.87–1.11)
UasinGishu	1999	0.99 (0.86–1.13)
UasinGishu	2000	0.99 (0.85–1.13)
UasinGishu	2001	0.99 (0.86–1.15)
UasinGishu	2002	0.99 (0.85–1.13)
UasinGishu	2003	0.98 (0.86–1.12)
UasinGishu	2004	0.98 (0.86–1.1)
UasinGishu	2005	0.98 (0.87–1.1)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
UasinGishu	2006	0.98 (0.87–1.1)
UasinGishu	2007	0.97 (0.86–1.11)
UasinGishu	2008	0.98 (0.85–1.13)
UasinGishu	2009	0.99 (0.85–1.13)
UasinGishu	2010	0.99 (0.85–1.12)
UasinGishu	2011	0.98 (0.85–1.12)
UasinGishu	2012	0.98 (0.85–1.13)
UasinGishu	2013	0.99 (0.86–1.13)
UasinGishu	2014	1.0 (0.89–1.11)
UasinGishu	2015	1.0 (0.91–1.09)
UasinGishu	2016	1.01 (0.95–1.07)
UasinGishu	2017	1.0 (0.99–1.02)
Vihiga	1950	0.78 (0.77–0.79)
Vihiga	1951	0.8 (0.76–0.84)
Vihiga	1952	0.8 (0.75–0.87)
Vihiga	1953	0.8 (0.74–0.88)
Vihiga	1954	0.8 (0.72–0.9)
Vihiga	1955	0.8 (0.71–0.91)
Vihiga	1956	0.8 (0.7–0.92)
Vihiga	1957	0.8 (0.69–0.92)
Vihiga	1958	0.8 (0.69–0.91)
Vihiga	1959	0.8 (0.69–0.9)
Vihiga	1960	0.79 (0.69–0.91)
Vihiga	1961	0.79 (0.7–0.9)
Vihiga	1962	0.8 (0.7–0.89)
Vihiga	1963	0.8 (0.71–0.9)
Vihiga	1964	0.81 (0.71–0.91)
Vihiga	1965	0.82 (0.73–0.91)
Vihiga	1966	0.83 (0.74–0.92)
Vihiga	1967	0.84 (0.76–0.93)
Vihiga	1968	0.86 (0.77–0.95)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Vihiga	1969	0.87 (0.78–0.96)
Vihiga	1970	0.88 (0.81–0.97)
Vihiga	1971	0.9 (0.82–0.99)
Vihiga	1972	0.92 (0.83–1.01)
Vihiga	1973	0.93 (0.84–1.03)
Vihiga	1974	0.95 (0.84–1.05)
Vihiga	1975	0.96 (0.84–1.08)
Vihiga	1976	0.97 (0.83–1.12)
Vihiga	1977	0.98 (0.83–1.14)
Vihiga	1978	0.98 (0.83–1.15)
Vihiga	1979	0.99 (0.83–1.15)
Vihiga	1980	0.99 (0.84–1.15)
Vihiga	1981	1.0 (0.85–1.16)
Vihiga	1982	1.0 (0.87–1.14)
Vihiga	1983	1.0 (0.89–1.12)
Vihiga	1984	1.0 (0.91–1.1)
Vihiga	1985	1.0 (0.92–1.09)
Vihiga	1986	1.0 (0.93–1.08)
Vihiga	1987	1.0 (0.93–1.08)
Vihiga	1988	1.01 (0.94–1.08)
Vihiga	1989	1.01 (0.94–1.09)
Vihiga	1990	1.03 (0.97–1.09)
Vihiga	1991	1.05 (0.99–1.1)
Vihiga	1992	1.06 (0.99–1.14)
Vihiga	1993	1.08 (0.99–1.17)
Vihiga	1994	1.1 (1.0–1.21)
Vihiga	1995	1.12 (1.01–1.25)
Vihiga	1996	1.12 (1.01–1.24)
Vihiga	1997	1.12 (1.01–1.23)
Vihiga	1998	1.12 (1.01–1.23)
Vihiga	1999	1.11 (1.01–1.23)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Vihiga	2000	1.11 (1.0–1.23)
Vihiga	2001	1.11 (0.98–1.24)
Vihiga	2002	1.1 (0.97–1.24)
Vihiga	2003	1.1 (0.97–1.25)
Vihiga	2004	1.1 (0.98–1.23)
Vihiga	2005	1.1 (0.99–1.23)
Vihiga	2006	1.11 (1.0–1.23)
Vihiga	2007	1.13 (1.03–1.23)
Vihiga	2008	1.14 (1.03–1.25)
Vihiga	2009	1.14 (1.01–1.27)
Vihiga	2010	1.13 (1.0–1.27)
Vihiga	2011	1.13 (0.99–1.27)
Vihiga	2012	1.13 (1.0–1.26)
Vihiga	2013	1.13 (1.01–1.25)
Vihiga	2014	1.13 (1.03–1.24)
Vihiga	2015	1.12 (1.04–1.2)
Vihiga	2016	1.12 (1.07–1.17)
Vihiga	2017	1.12 (1.09–1.14)
Wajir	1950	0.53 (0.53–0.53)
Wajir	1951	0.53 (0.51–0.56)
Wajir	1952	0.53 (0.49–0.58)
Wajir	1953	0.53 (0.48–0.58)
Wajir	1954	0.52 (0.47–0.57)
Wajir	1955	0.52 (0.47–0.58)
Wajir	1956	0.52 (0.48–0.58)
Wajir	1957	0.53 (0.47–0.59)
Wajir	1958	0.53 (0.46–0.59)
Wajir	1959	0.53 (0.46–0.6)
Wajir	1960	0.54 (0.46–0.62)
Wajir	1961	0.54 (0.46–0.63)
Wajir	1962	0.55 (0.47–0.64)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wajir	1963	0.56 (0.48–0.65)
Wajir	1964	0.58 (0.5–0.66)
Wajir	1965	0.59 (0.52–0.67)
Wajir	1966	0.61 (0.54–0.68)
Wajir	1967	0.63 (0.55–0.71)
Wajir	1968	0.64 (0.56–0.73)
Wajir	1969	0.66 (0.57–0.75)
Wajir	1970	0.68 (0.58–0.78)
Wajir	1971	0.69 (0.6–0.8)
Wajir	1972	0.71 (0.62–0.81)
Wajir	1973	0.72 (0.64–0.82)
Wajir	1974	0.74 (0.66–0.81)
Wajir	1975	0.74 (0.67–0.82)
Wajir	1976	0.75 (0.66–0.84)
Wajir	1977	0.76 (0.66–0.86)
Wajir	1978	0.77 (0.66–0.89)
Wajir	1979	0.78 (0.67–0.89)
Wajir	1980	0.78 (0.68–0.89)
Wajir	1981	0.78 (0.69–0.88)
Wajir	1982	0.78 (0.71–0.88)
Wajir	1983	0.79 (0.71–0.87)
Wajir	1984	0.79 (0.72–0.88)
Wajir	1985	0.79 (0.71–0.88)
Wajir	1986	0.79 (0.7–0.89)
Wajir	1987	0.79 (0.7–0.89)
Wajir	1988	0.79 (0.71–0.89)
Wajir	1989	0.8 (0.71–0.89)
Wajir	1990	0.8 (0.71–0.9)
Wajir	1991	0.81 (0.73–0.89)
Wajir	1992	0.82 (0.74–0.9)
Wajir	1993	0.83 (0.74–0.92)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
Wajir	1994	0.84 (0.74–0.93)
Wajir	1995	0.84 (0.74–0.96)
Wajir	1996	0.85 (0.74–0.97)
Wajir	1997	0.85 (0.75–0.97)
Wajir	1998	0.85 (0.75–0.97)
Wajir	1999	0.85 (0.76–0.95)
Wajir	2000	0.84 (0.76–0.94)
Wajir	2001	0.84 (0.76–0.95)
Wajir	2002	0.83 (0.74–0.94)
Wajir	2003	0.82 (0.73–0.92)
Wajir	2004	0.81 (0.71–0.91)
Wajir	2005	0.8 (0.7–0.89)
Wajir	2006	0.79 (0.7–0.88)
Wajir	2007	0.78 (0.7–0.87)
Wajir	2008	0.77 (0.68–0.87)
Wajir	2009	0.77 (0.67–0.88)
Wajir	2010	0.76 (0.66–0.87)
Wajir	2011	0.75 (0.64–0.87)
Wajir	2012	0.75 (0.64–0.86)
Wajir	2013	0.74 (0.63–0.85)
Wajir	2014	0.73 (0.65–0.83)
Wajir	2015	0.73 (0.66–0.81)
Wajir	2016	0.72 (0.68–0.77)
Wajir	2017	0.72 (0.71–0.72)
WestPokot	1950	0.3 (0.29–0.31)
WestPokot	1951	0.3 (0.29–0.32)
WestPokot	1952	0.31 (0.29–0.33)
WestPokot	1953	0.31 (0.29–0.34)
WestPokot	1954	0.31 (0.29–0.35)
WestPokot	1955	0.32 (0.29–0.36)
WestPokot	1956	0.33 (0.29–0.37)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
WestPokot	1957	0.33 (0.29–0.37)
WestPokot	1958	0.33 (0.29–0.38)
WestPokot	1959	0.34 (0.3–0.38)
WestPokot	1960	0.34 (0.31–0.39)
WestPokot	1961	0.35 (0.31–0.39)
WestPokot	1962	0.36 (0.32–0.39)
WestPokot	1963	0.37 (0.33–0.4)
WestPokot	1964	0.38 (0.34–0.41)
WestPokot	1965	0.39 (0.35–0.44)
WestPokot	1966	0.41 (0.36–0.46)
WestPokot	1967	0.43 (0.38–0.48)
WestPokot	1968	0.45 (0.4–0.51)
WestPokot	1969	0.48 (0.42–0.53)
WestPokot	1970	0.5 (0.45–0.56)
WestPokot	1971	0.53 (0.48–0.58)
WestPokot	1972	0.55 (0.51–0.6)
WestPokot	1973	0.58 (0.53–0.63)
WestPokot	1974	0.6 (0.55–0.66)
WestPokot	1975	0.63 (0.57–0.69)
WestPokot	1976	0.65 (0.58–0.72)
WestPokot	1977	0.67 (0.59–0.75)
WestPokot	1978	0.7 (0.61–0.79)
WestPokot	1979	0.72 (0.62–0.82)
WestPokot	1980	0.73 (0.63–0.84)
WestPokot	1981	0.75 (0.65–0.86)
WestPokot	1982	0.76 (0.67–0.87)
WestPokot	1983	0.78 (0.69–0.88)
WestPokot	1984	0.79 (0.7–0.88)
WestPokot	1985	0.8 (0.72–0.89)
WestPokot	1986	0.81 (0.74–0.88)
WestPokot	1987	0.82 (0.74–0.9)

Table 15 Ratio of adjusted to unadjusted 5q0 values for scaled locations by year

Geography	Year	Ratio
WestPokot	1988	0.83 (0.75–0.92)
WestPokot	1989	0.85 (0.75–0.94)
WestPokot	1990	0.86 (0.76–0.97)
WestPokot	1991	0.88 (0.77–0.99)
WestPokot	1992	0.9 (0.79–1.01)
WestPokot	1993	0.92 (0.82–1.02)
WestPokot	1994	0.94 (0.85–1.03)
WestPokot	1995	0.96 (0.87–1.05)
WestPokot	1996	0.97 (0.88–1.06)
WestPokot	1997	0.98 (0.89–1.09)
WestPokot	1998	0.99 (0.88–1.11)
WestPokot	1999	0.99 (0.86–1.13)
WestPokot	2000	0.99 (0.85–1.13)
WestPokot	2001	0.99 (0.86–1.14)
WestPokot	2002	0.99 (0.86–1.13)
WestPokot	2003	0.98 (0.86–1.12)
WestPokot	2004	0.98 (0.86–1.1)
WestPokot	2005	0.98 (0.87–1.1)
WestPokot	2006	0.98 (0.87–1.1)
WestPokot	2007	0.97 (0.86–1.11)
WestPokot	2008	0.98 (0.85–1.13)
WestPokot	2009	0.99 (0.85–1.13)
WestPokot	2010	0.99 (0.85–1.12)
WestPokot	2011	0.98 (0.85–1.12)
WestPokot	2012	0.98 (0.85–1.13)
WestPokot	2013	0.99 (0.86–1.13)
WestPokot	2014	1.0 (0.89–1.11)
WestPokot	2015	1.0 (0.91–1.09)
WestPokot	2016	1.01 (0.95–1.07)
WestPokot	2017	1.0 (0.99–1.02)