

Supplementary appendix

Table A1: Average number of cancer deaths per year in Scotland over each time period, for males and females, all ages

Site	1980-1983	1991-1993	2000-2003	2010-2013	2015-2018
<i>All deaths</i>	<i>63,325</i>	<i>61,281</i>	<i>57,392</i>	<i>53,998</i>	<i>56,456</i>
All cancers	13,923	15,054	14,986	15,575	15,945
Lung	4,073	4,249	3,930	4,126	3,997
Colorectal	1,699	1,730	1,582	1,551	1,634
Prostate	471	693	773	874	935
Breast (female)	1,213	1,260	1,117	1,030	975
Oesophagus	528	700	745	817	828
Pancreas	620	596	600	710	758
Liver	137	190	264	435	584
Bladder	453	489	439	480	496
Head and neck	281	355	359	418	478
Stomach	1,057	804	629	488	430
Non-Hodgkin lymphoma	273	375	417	397	419
Kidney	232	270	302	327	380
Leukaemia	300	278	342	385	389
Ovary	352	385	401	381	373
Corpus uteri	100	93	113	145	181
Cervix uteri	202	175	111	102	100

Table A2: Age-standardised mortality rates (ASMR) per 100,000 population are shown for all cancers (C00-C97) excluding non-melanoma skin cancer (NMSC; C44) and for the top ten specific cancer deaths in Scotland (PHS)¹³ and Europe (IARC)⁶ in 2018 for males and females, all ages. Other cancers reported in this paper, but which are not amongst the ten most common, are shown at the bottom of the table in italics

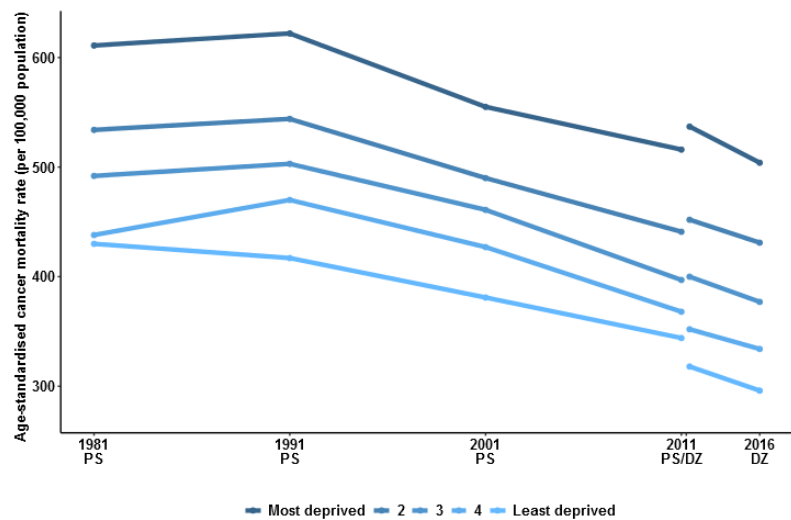
Males				Females			
Scotland		Europe		Scotland		Europe	
<i>Site</i>	<i>ASMR</i>	<i>Site</i>	<i>ASMR</i>	<i>Site</i>	<i>ASMR</i>	<i>Site</i>	<i>ASMR</i>
All cancers, excl NMSC	363.3	All cancers, excl NMSC	355.4	All cancers, excl NMSC	266.6	All cancers, excl NMSC	201.0
Lung	84.8	Lung	85.8	Lung	68.2	Breast	32.7
Prostate	43.9	Colorectal	43.8	Breast	33.9	Lung	28.9
Colorectal	41.4	Prostate	38.9	Colorectal	27.1	Colorectal	26.1
Oesophagus	24.8	Pancreas	21.1	Ovary	13.3	Pancreas	14.8
Pancreas	18.1	Stomach	20.1	Pancreas	13.2	Ovary	10.7
Liver	16.3	Bladder	17.4	Oesophagus	9.7	Stomach	9.4
Bladder	14.3	Liver	16.4	Non-Hodgkin lymphoma	6.7	Corpus uteri	7.0
Head and neck	14.0	Kidney	11.5	Liver	6.6	Leukaemia	6.4
Stomach	11.9	Leukaemia	11.5	Corpus uteri	6.5	Cervix uteri	6.3
Kidney	10.4	Oesophagus	11.0	Stomach	6.1	Liver	6.3
<i>Leukaemia</i>	<i>10.1</i>	<i>Non-Hodgkin lymphoma</i>	<i>8.8</i>	<i>Bladder</i>	<i>6.0</i>	<i>Non-Hodgkin lymphoma</i>	<i>5.1</i>
<i>Non-Hodgkin lymphoma</i>	<i>9.6</i>	<i>Head and neck¹</i>		<i>Leukaemia</i>	<i>5.5</i>	<i>Kidney</i>	<i>4.6</i>
				<i>Kidney</i>	<i>5.2</i>	<i>Bladder</i>	<i>3.5</i>
				<i>Head and neck</i>	<i>4.9</i>	<i>Oesophagus</i>	<i>2.4</i>
				<i>Cervix uteri</i>	<i>2.8</i>	<i>Head and neck¹</i>	

¹Head and neck (C00-14, C30-32) cancers are not combined in ECIS reporting. Head and neck cancer sites are broken down by Lip, oral cavity (C00-06), Salivary glands (C07-08), Oropharynx (C09-10), Nasopharynx (C11), Hypopharynx (C12-13) and Larynx (C32). ASMR's for males are 5.5 (Larynx), 5.3 (Lip, oral cavity), 3.2 (Oropharynx), 2.5 (Hypopharynx), 0.9 (Salivary glands) and 0.6 (Nasopharynx). ASMR's for females are 1.5 (Lip, oral cavity), 0.6 (Oropharynx), 0.5 (Larynx), 0.3 (Salivary glands), 0.2 (Hypopharynx) and 0.2 (Nasopharynx)

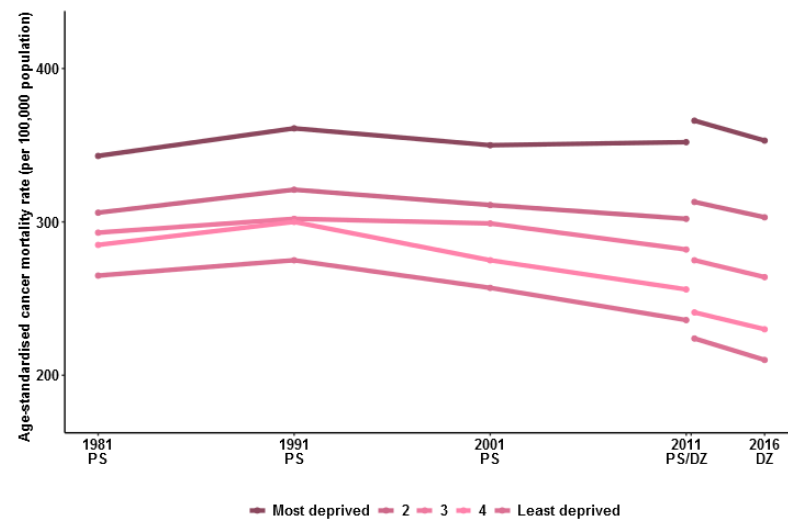
Table A3: All cancers, excluding non-melanoma skin cancer (NMSC)

Age	Males						Females					
	Years					% Change	Years					% Change
	1981	1991	2001	2011	2016		1981	1991	2001	2011	2016	
<i>All cancers, excl NMSC (ICD-9 140-208, excl 173; ICD-10 C00-C97, excl C44)</i>												
0-14	5	3	4	2	2	-36	4	4	2	2	2	-
15-29	9	6	6	5	4	-51	8	6	5	5	4	-45
30-44	37	31	24	21	22	-42	53	43	33	30	29	-46
45-59	279	256	206	159	147	-47	252	236	194	163	147	-41
60-74	1178	1195	1026	835	762	-35	677	745	674	619	562	-17
75+	2581	2778	2671	2539	2378	-8	1330	1435	1535	1544	1515	14
All ages	494	508	458	404	376	-24	296	311	297	282	266	-10

Cancer mortality rates are rounded to the nearest whole number while % change shows the percentage change in actual (unrounded) rates. Note that % change is not calculated, for a particular age group, when rates are consistently <5 per 100,000 population over time.



(a)



(b)

Figure A1: All cancer mortality, by deprivation fifths, for deaths 1981, 1991, 2001 and 2011 (postcode sectors; PS) and deaths 2011 and 2016 (data zones; DZ) for (a) Males, all ages and (b) Females, all ages