

Supplementary Appendix File

MS Title: Subnational mortality estimates for India in 2019: A baseline for evaluating excess deaths due to the COVID pandemic

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Appendix Table 1. GATHER checklist of information that should be included in reports of global health estimates, with description of compliance and location of information for article titled: Subnational mortality estimates for India in 2019: A baseline for evaluating excess deaths due to the COVID pandemic

#	GATHER checklist item	Description of compliance	Reference
Objectives and funding			
1	Define the indicators, populations, and time periods for which estimates were made.	Outcome Indicators are estimates of death by age and sex and life expectancy at birth. Estimates were developed for India at national level and for 29 states and 7 UTs (Jammu and Kashmir as a state) Estimates were for 2019	Information on study population and reference period for estimates provided in Main text Methods section on page 2-3 Outcome measures described on page 6
2	List the funding sources for the work.	There were no funding sources	Not applicable
Data Inputs			
<i>For all data inputs from multiple sources that are synthesized as part of the study:</i>			
3	Describe how the data were identified and how the data were accessed.	All data used in this analysis are available in the public domain via the internet Data from Civil Registration System (CRS) Sample Registration System (SRS) Under 5 Mortality rates from Fifth National Family and Health Survey (NFHS-5) factsheets. Populations from projections developed by the National Commission on Population. State GBD Life Expectancies for 2019	CRS: References 9,10 References 11, 17 Reference 13 Reference 12 Reference 14, 31
4	Specify the inclusion and exclusion criteria. Identify all ad-hoc exclusions.	All representative mortality data sources for India and states were included in this analysis, namely CRS 2019, SRS 2018, and NFHS. Synthesized mortality estimates from GBD were also included for the comparative analyses.	Methods section on Page 2-3

Data analysis			
9	Provide a conceptual overview of the data analysis method.	A conceptual overview of the methods is provided in various subsections. Subsections are (i) Death Registration Completeness; (ii) Under five mortality adjustment; (iii) Adult mortality adjustment and (iv) Mortality adjustment at older ages	Conceptual overview of data analysis described in Methods section
10	Provide a detailed description of all steps of the analysis, including mathematical formulae. This description should cover, as relevant, data cleaning, data pre-processing, data adjustments and weighting of data sources, and mathematical or statistical model(s).	The methods are described in various subsections. Subsections are (i) Death Registration Completeness; (ii) Under five mortality adjustment; (iii) Adult mortality adjustment and (iv) Mortality adjustment at older ages CRS deaths were interpolated into 5 year age categories derived from SRS 2018 as described in Reference 5.	Interpolation step for deriving age categories CRS deaths at older ages described in reference 5 Adair-Lopez Completeness estimated according to the methodology described in reference 15 Spreadsheet tool provided for life table in reference 18
11	Describe how candidate models were evaluated and how the final model(s) were selected.	We used the 2 parameter WHO Modmatch life table system to estimate abridged schedules of age-specific mortality by sex, for 9 states/UTs	Details provided in Methods section. Weblinks to Modmatch materials are provided in the references. Input parameters are provided in appendix table 3 Model life table references 19 and 20
12	Provide the results of an evaluation of model performance, if done, as well as the results of any relevant sensitivity analysis.	Not Applicable	Not Applicable
13	Describe methods for calculating uncertainty of the estimates. State which sources of uncertainty were, and were not, accounted for in the uncertainty analysis.	Confidence intervals for summary outputs from boot strapping. Uncertainty was not accounted for in population estimates that were obtained from the National Commission on Population projections. Details of the uncertainty evaluation described in methods and results.	Reference for bootstrapping spreadsheet at reference 23

14	State how analytic or statistical source code used to generate estimates can be accessed.	Not Applicable	Not Applicable
Results and Discussion			
15	Provide published estimates in a file format from which data can be efficiently extracted.	Results are available in the main tables and appendix tables.	Tables 1-4 and appendix tables 4-7
16	Report a quantitative measure of the uncertainty of the estimates (e.g. uncertainty intervals).	95% Uncertainty intervals of deaths by sex for 4 broad age groups, and for life expectancy estimates are provided in Appendix table 4.	Appendix Table 4
17	Interpret results in light of existing evidence. If updating a previous set of estimates, describe the reasons for changes in estimates.	Comparative analysis is done between: (i) Estimated deaths and reported CRS deaths (ii) Estimated life Expectancy with CRS reported life expectancy (iii) Estimated life expectancies and GBD Life Expectancies	Table 1, 3 and 4 and discussions section.
18	Discuss limitations of the estimates. Include a discussion of any modelling assumptions or data limitations that affect interpretation of the estimates.	Study limitations described in Discussion section	Discussion section

Appendix Table 2: Input data for estimating completeness of death registration using the Adair Lopez method, and completeness estimates by sex with 95% Uncertainty intervals for India and States, 2019

Location	MALES								
	Registered Deaths All ages	Mid-year pop All ages	% population 65+	True U5MR ^{1,2}	Completeness %	LL	UL	Final total deaths	Final comp
Andhra Pradesh	244619	26330627	7.50%	0.034	93%	91.6	94.8	260955	94%
Arunachal Pradesh	2643	778000	4.30%	0.044	37%	31.4	44.7	6456	41%
Assam	102545	17832058	5.02%	0.044	77%	71.6	81.7	131766	78%
Bihar	223334	64005072	5.19%	0.034	57%	51.5	63.5	466770	48%
Chhattisgarh	110735	15034382	4.56%	0.046	88%	84.5	90.5	137616	80%
Goa	8209	768002	5.50%	0.021	98%	97.8	98.9	8209	100%
Gujarat	276232	36514600	5.70%	0.032	92%	89.5	93.3	298876	92%
Haryana	119360	15556738	5.69%	0.036	91%	88.2	92.6	131928	90%
Himachal Pradesh	25463	3741750	7.96%	0.022	90%	87.7	92.1	28032	91%
Jammu & Kashmir	24421	7037330	6.07%	0.023	67%	61.9	71.9	43396	56%
Jharkhand	71008	19660804	5.22%	0.030	64%	57.6	69.4	130724	54%
Karnataka	307936	33740466	6.68%	0.026	96%	94.7	96.7	321738	96%
Kerala	148399	16974473	9.98%	0.011	98%	97.0	98.0	152063	98%
Madhya Pradesh	309719	43550654	5.00%	0.058	81%	75.9	85.1	386756	80%
Maharashtra	401093	64405616	6.87%	0.021	90%	88.3	91.8	445557	90%
Manipur	2005	1567000	4.30%	0.030	29%	22.9	37.2	12438	16%
Meghalaya	11097	1625000	4.30%	0.040	88%	84.6	91.0	13095	85%
Mizoram	4052	605000	4.30%	0.024	93%	90.5	95.9	4585	88%
Nagaland	1632	1116000	4.30%	0.033	32%	25.1	39.6	6385	26%

Appendix Table 2: Input data for estimating completeness of death registration using the Adair Lopez method, and completeness estimates by sex with 95% Uncertainty intervals for India and States, 2019

Location	MALES								
	Registered Deaths All ages	Mid-year pop All ages	% population 65+	True U5MR ^{1,2}	Completeness %	LL	UL	Final total deaths	Final comp
Odisha	195891	21383760	8.16%	0.044	89%	85.8	91.9	219233	89%
Punjab	124525	15864373	7.81%	0.023	93%	91.7	94.5	134045	93%
Rajasthan	284983	40732632	4.89%	0.040	88%	84.5	90.3	326922	87%
Sikkim	2021	340080	7.30%	0.011	92%	87.6	94.8	2650	76%
Tamil Nadu	377430	38004485	8.33%	0.018	97%	96.9	97.9	386603	98%
Telangana	132311	18884868	6.43%	0.029	90%	87.3	91.9	147274	90%
Tripura	18448	2042000	4.30%	0.043	93%	91.2	95.2	19622	94%
Uttar Pradesh	535017	119986720	4.89%	0.046	62%	55.3	67.8	898121	60%
Uttarkhand	40517	5816720	6.32%	0.034	87%	84.4	89.9	46563	87%
West Bengal	326754	49920665	6.89%	0.026	88%	86.1	90.5	368312	89%
A & N islands	1616	211553	6.80%	0.025	93%	89.3	95.6	1961	82%
Dadra & N Haveli	1638	335000	4.60%	0.037	75%	69.0	82.0	2664	61%
Daman & Diu	727	298000	4.60%	0.037	41%	33.9	50.9	2190	33%
Delhi	89723	10908852	5.32%	0.019	97%	96.2	97.7		NA
INDIA	4549292	696982378	6.07%	0.039	83%	78.7	86.1	5605758	81%

1. True under-five mortality rates (U5MR) were sourced from SRS 2018 or NFHS 5, except Jharkhand (NFHS 4).

2. These true U5MR values were also used to correct CRS deaths for this age group, as shown in Figure 1

3. Completeness by Adair Lopez method was not estimated for Chandigarh, Lakshadweep and Puducherry, as there was no available alternate estimate of under-five mortality rate

5	Provide information on all included data sources and their main characteristics. For each data source used, report reference information or contact name/institution, population represented, data collection method, year(s) of data collection, sex and age range, diagnostic criteria or measurement method, and sample size, as relevant.	Data sources and their characteristics are described in specific references for each source.	Characteristics of each data source relevant to this analysis are summarized in Introduction and Methods sections, with appropriate references provided in the bibliography.
6	Identify and describe any categories of input data that have potentially important biases (e.g., based on characteristics listed in item 5).	Summary of known biases in mortality data from empirical national data sources (CRS, SRS, NFHS) included in methods and discussions.	Main text, Methods section, on Pages 2 and 3 Discussions on Pages 21 and 22
<i>For data inputs that contribute to the analysis but were not synthesized as part of the study:</i>			
7	Describe and give sources for any other data inputs.	None	Not applicable
<i>For all data inputs:</i>			
8	Provide all data inputs in a file format from which data can be efficiently extracted (e.g., a spreadsheet as opposed to a PDF), including all relevant meta-data listed in item 5. For any data inputs that cannot be shared due to ethical or legal reasons, such as third-party ownership, provide a contact name or the name of the institution that retains the right to the data.	Inputs for estimating the Adair-Lopez Method of completeness and for estimating model life tables for selected states using the WHO Modified Logit Life table system are available from Appendix tables 2 and 3 All other population and mortality data inputs are available from the weblinks provided.	Weblinks to data inputs available from references

Appendix Table 2: Input data for estimating completeness of death registration using the Adair Lopez method, and completeness estimates by sex with 95% Uncertainty intervals for India and States, 2019

Location	FEMALES								
	Registered Deaths All ages	Mid-year pop All ages	% population 65+	True U5MR ^{1,2}	Completeness %	LL	UL	Final total deaths	Final comp
Andhra Pradesh	156853	26197072	8.76%	0.032	85%	81.6	88.4	183523	85%
Arunachal Pradesh	847	810695	3.80%	0.051	21%	15.3	27.6	4101	21%
Assam	60512	17145000	5.11%	0.051	57%	49.3	64.1	122827	49%
Bihar	136015	59105426	5.31%	0.039	43%	36.8	51.3	389369	35%
Chhattisgarh	77319	14911490	5.98%	0.045	80%	74.9	84.5	106216	73%
Goa	5642	747266	6.20%	0.023	98%	96.5	98.3	5642	100%
Gujarat	186040	33034692	7.18%	0.029	88%	85.5	90.9	208165	89%
Haryana	69550	13788880	7.13%	0.036	80%	74.9	83.9	87560	79%
Himachal Pradesh	18170	3627948	9.43%	0.025	80%	75.6	84.0	23077	79%
Jammu & Kashmir	19806	6360780	6.52%	0.023	71%	65.5	75.8	31231	63%
Jharkhand	48366	18742850	5.70%	0.039	47%	39.4	53.8	123557	39%
Karnataka	200648	32679538	7.69%	0.030	90%	87.1	92.1	228218	88%
Kerala	122154	18328599	11.73%	0.009	97%	96.1	97.3	126140	97%
Madhya Pradesh	183609	40781349	5.81%	0.053	67%	60.6	74.1	272111	67%
Maharashtra	292637	59297615	8.26%	0.023	85%	82.0	87.9	357150	82%
Manipur	985	1522000	3.80%	0.030	28%	21.7	36.7	7141	14%
Meghalaya	7201	1615000	3.80%	0.040	83%	78.6	86.0	8216	88%
Mizoram	2554	593000	3.80%	0.024	91%	87.5	93.7	2578	99%
Nagaland	639	1044000	3.80%	0.033	26%	20.1	35.2	4139	15%

Appendix Table 2: Input data for estimating completeness of death registration using the Adair Lopez method, and completeness by sex with 95% Uncertainty intervals for India and States, 2019

Location	FEMALES								
	Registered Deaths All ages	Mid-year pop All ages	% population 65+	True U5MR ^{1,2}	Completeness %	LL	UL	Final total deaths	Final comp
Odisha	147056	22717702	8.21%	0.043	85%	80.2	87.9	176879	83%
Punjab	88617	14325135	9.04%	0.022	92%	89.5	93.2	96278	92%
Rajasthan	166273	38368072	6.26%	0.041	71%	64.5	76.7	235519	71%
Sikkim	1287	302671	7.60%	0.011	90%	86.7	93.0	1707	75%
Tamil Nadu	256467	38015370	9.14%	0.017	95%	94.4	96.4	268955	95%
Telangana	95983	18613229	7.75%	0.030	83%	79.1	86.2	115444	83%
Tripura	11968	1970000	3.80%	0.043	91%	88.6	93.5	13162	91%
Uttar Pradesh	409579	110128815	5.61%	0.048	60%	52.7	66.9	760186	54%
Uttarkhand	25796	5526600	7.68%	0.032	76%	71.6	81.2	33804	76%
West Bengal	224941	47799232	7.05%	0.026	84%	80.6	87.2	278966	81%
A & N islands	1000	185320	7.20%	0.025	90%	82.3	93.9	1216	82%
Dadra & N Haveli	1067	229000	5.90%	0.037	79%	72.5	87.0	1498	71%
Daman & Diu	435	132000	5.90%	0.037	61%	53.0	70.7	746	58%
Delhi	55527	9585263	6.18%	0.018	96%	94.5	96.6		
INDIA	3089528	659544784	6.95%	0.039	74%	68.2	79.4	4319485	72%

1. True under-five mortality rates (U5MR) were sourced from SRS 2018 or NFHS 5, except Jharkhand (NFHS 4).

2. These true U5MR values were also used to correct CRS deaths for this age group, as shown in Figure 1

3. Completeness by Adair Lopez method was not estimated for Chandigarh, Lakshadweep and Puducherry, as there was no available alternate estimate of under-five mortality rate

APPENDIX TABLE 3**Model life tables**

For states without data from the Sample Registration System (SRS), age-specific death rates were estimated from the World Health Organization Modified Logit Life Table System, implemented through its customized software tool named 'MODMATCH', to serve as comparators to evaluate the quality of age-specific death rates based on data from the Civil Registration System for these states. The MODMATCH system uses input values of risk of under-five mortality (${}_5q_0$) and risk of adult mortality (${}_{45}q_{15}$) in a statistical model, to predict a complete schedule of age-specific mortality risks for the location of interest. Mortality patterns in the MODMATCH model life tables approach are predicted from relationships between observed levels of child and adult mortality and their associated age-specific mortality patterns across all ages. For MODMATCH, the regression equations for the WHO international relational standard used in the model were derived using an international historical series of reliable life tables collected since 1950 onwards.

The input values of ${}_5q_0$ and ${}_{45}q_{15}$ for each of the States / Union Territories are shown in the following table, along with the sources for each value. As can be seen, the ${}_5q_0$ values were obtained from the 5th round of National Family and Health Surveys conducted during 2019-2020, except for Arunachal Pradesh, where the NFHS report has not yet been released, hence the ${}_5q_0$ risk from the SRS for Assam (neighboring state) was used. For adult mortality, the CRS raw data derived values of ${}_{45}q_{15}$ were adjusted for completeness based on the Adair Lopez estimated completeness, and then used as input values in the MODMATCH System.

Location	Males				Females			
	${}_5q_0$		${}_{45}q_{15}$		${}_5q_0$		${}_{45}q_{15}$	
	Source	Value	Source	Value	Source	Value	Source	Value
Arunachal Pradesh	Assam SRS	44	CRS AL adj	252	Assam SRS	51	CRS AL adj	157
Manipur	NFHS 5	30	CRS AL adj	236	NFHS 5	30	CRS AL adj	126
Meghalaya	NFHS 5	40	CRS AL adj	252	NFHS 5	40	CRS AL adj	147
Mizoram	NFHS 5	24	CRS AL adj	267	NFHS 5	24	CRS AL adj	128
Nagaland	NFHS 5	33	CRS AL adj	165	NFHS 5	33	CRS AL adj	107
Sikkim	NFHS 5	17	CRS AL adj	151	NFHS 5	17	CRS AL adj	78
A & N Islands	NFHS 5	25	CRS AL adj	233	NFHS 5	25	CRS AL adj	142
Dadra & NH	NFHS 5	37	CRS AL adj	246	NFHS 5	37	CRS AL adj	156
Daman & Diu	NFHS 5	37	CRS AL adj	219	NFHS 5	37	CRS AL adj	119

For Goa, Lakshadweep, Puducherry and Tripura, the age-specific death rates from the CRS data showed plausible trends and were considered to be complete, therefore directly used for our mortality assessment without any adjustments. For Chandigarh, the age-specific death rates from the SRS 2018 data for Delhi were used to estimate the numbers of deaths that would have occurred during 2019.

As mentioned above, the predictions for these 9 locations were based on the WHO international relational standard of the MODMATCH software program. The WHO international standard does not include any life tables for Indian populations. In future, selected adjusted life tables constructed for States / UTs with higher quality CRS data and from Sample Registration System data could also be incorporated to establish a national standard to appropriately reflect age-specific mortality trends and relationships for India.

APPENDIX TABLE 4: 95% Uncertainty intervals for estimates of life expectancy at birth and deaths for broad age groups by sex for India & States, 2019

LOCATION	MALES														
	LE			Deaths 0 to 4			Deaths 5 to 29			Deaths 30 to 69			Deaths 70 +		
	PE	LL	UL	PE	LL	UL	PE	LL	UL	PE	LL	UL	PE	LL	UL
Andhra Pradesh	66.8	66.7	66.9	12787	12565	13011	12593	12369	12822	146068	145350	146813	89508	85817	89984
Arunachal Pradesh	64.4	64.0	64.8	695	646	748	370	332	406	3284	3174	3392	2106	1961	2144
Assam	67.8	67.7	67.9	14475	14250	14693	5409	5261	5550	67274	66793	67749	44607	42848	44921
Bihar	67.0	67.0	67.1	81935	81426	82472	31115	30767	31466	202740	201907	203635	150980	144900	153718
Chhattisgarh	63.1	63.0	63.1	14349	14116	14581	10618	10427	10810	76047	75550	76556	36601	35421	36862
Goa	64.4	64.1	64.8	140	117	163	445	402	487	4503	4385	4624	3121	2891	3197
Gujarat	67.1	67.1	67.2	21014	20754	21272	20537	20258	20811	156619	155866	157318	100707	95976	101132
Haryana	66.5	66.4	66.6	9788	9583	9965	8083	7901	8254	68867	68369	69343	45190	42951	46488
Himachal Pradesh	72.3	72.1	72.4	1106	1040	1167	1450	1377	1525	11732	11538	11937	13744	12934	13925
Jammu & Kashmir	72.2	72.0	72.3	2629	2523	2726	1643	1568	1723	22024	21732	22303	17101	16003	17302
Jharkhand	68.3	68.2	68.3	20101	19835	20367	7447	7288	7613	58317	57834	58779	44859	43521	45357
Karnataka	66.4	66.3	66.4	13058	12824	13301	19265	19013	19555	176733	175971	177513	112682	108535	113128
Kerala	72.2	72.1	72.3	2663	2557	2763	4930	4798	5067	70940	70418	71434	73531	69264	73953
Madhya Pradesh	64.1	64.0	64.1	53957	53487	54386	32257	31924	32589	192622	191894	193453	107919	102887	108390
Maharashtra	71.5	71.4	71.5	19284	19011	19562	25541	25235	25855	223855	222992	224724	176877	170609	180538
Manipur	66.5	66.3	66.8	860	802	920	1075	1012	1145	5814	5670	5957	3723	3495	3790
Meghalaya	64.6	64.4	64.9	1199	1132	1260	1503	1423	1580	6434	6287	6584	3959	3727	4029
Mizoram	66.2	65.8	66.6	265	233	298	435	396	475	2515	2425	2615	1370	1266	1396
Nagaland	70.0	69.7	70.3	638	589	685	298	263	332	2874	2771	2970	2382	2103	2338
Odisha	66.5	66.4	66.6	15614	11962	12386	12161	11962	12386	112611	111958	113246	78847	75401	79306

APPENDIX TABLE 4: 95% Uncertainty intervals for estimates of life expectancy at birth and deaths for broad age groups by sex for India & States, 2019

LOCATION	MALES														
	LE			Deaths 0 to 4			Deaths 5 to 29			Deaths 30 to 69			Deaths 70 +		
	PE	LL	UL	PE	LL	UL	PE	LL	UL	PE	LL	UL	PE	LL	UL
Punjab	69.6	69.5	69.7	4896	4759	5035	6711	6544	6879	76596	76094	77152	45843	43832	45843
Rajasthan	65.9	65.9	66.0	34552	34180	34885	20563	20270	20840	166524	165734	167237	105283	99857	105283
Sikkim	72.4	71.9	73.0	78	61	94	110	91	131	977	921	1041	1484	1345	1541
Tamil Nadu	67.9	67.9	68.0	9083	8899	9261	18070	17808	18337	213212	212396	214039	146238	139287	146238
Telangana	69.4	69.3	69.5	8189	8017	8366	4780	4650	4906	103643	103117	104170	30663	29516	30960
Tripura	62.9	62.7	63.1	1642	1568	1721	877	817	935	10474	10290	10657	6629	6195	6725
Uttar Pradesh	66.3	66.3	66.4	120119	119404	120788	63356	62874	63833	414044	412761	415219	300603	289001	307449
Uttarkhand	68.4	68.2	68.5	3305	3198	3410	1989	1906	2072	20582	20329	20857	20687	19611	20906
West Bengal	70.7	70.6	70.7	17633	17365	17888	15180	14931	15433	203083	202261	203917	132415	125502	132998
A & N Islands	67.5	66.8	68.2	68	52	84	120	99	141	987	930	1050	786	714	825
Chandigarh	73.7	73.3	74.1	157	134	179	185	159	211	1373	1299	1443	2130	1871	2229
Dadra & N Haveli	65.6	64.9	66.1	198	171	224	257	225	290	1348	1278	1416	862	787	902
Daman and Diu	66.7	66.1	67.4	176	151	201	205	178	233	1067	1008	1130	283	671	782
Delhi	73.6	72.7	72.9	3141	3032	3248	2986	2882	3096	25391	25077	25706	19618	18951	19383
Lakshadweep	78.4	76.6	80.6	6	2	11	4	1	8	80	94	131	88	68	103
Puducherry	63.8	63.4	64.2	375	339	413	487	443	530	4909	4787	5051	2291	2105	2362
INDIA	67.51	67.49	67.52	490206	488959	491498	333070	331954	334108	2856307	2853159	2859389	1926175	1846342	1928279

APPENDIX TABLE 4:

LOCATION	FEMALES														
	LE			Deaths 0 to 4			Deaths 5 to 29			Deaths 30 to 69			Deaths 70 +		
	PE	LL	UL	PE	LL	UL	PE	LL	UL	PE	LL	UL	PE	LL	UL
Andhra Pradesh	73.2	73.1	73.3	11017	10816	11211	7495	7311	7652	83107	82588	83644	81905	80164	81905
Arunachal Pradesh	68.7	68.3	69.2	732	681	784	232	202	260	1714	1639	1797	1424	1303	1455
Assam	67.4	67.3	67.5	15577	15329	15800	8622	8455	8801	66344	65879	66780	32285	31060	32145
Bihar	68.3	68.2	68.4	74296	73728	74844	27446	27127	27788	164286	163519	165031	123341	117500	126003
Chhattisgarh	68.3	68.2	68.4	13290	13085	13508	8352	8173	8530	48121	47732	48521	36453	35171	36453
Goa	71.6	71.3	71.9	108	89	129	147	123	172	1934	1849	2011	3453	3202	3524
Gujarat	73.0	72.9	73.0	16358	16114	16604	12003	11806	12221	79891	79340	80413	99912	94892	99912
Haryana	71.9	71.8	72.0	8346	8178	8538	4418	4281	4549	41382	41020	41772	33414	31401	34699
Himachal Pradesh	76.1	76.0	76.3	1148	1081	1214	1027	968	1091	7282	7125	7448	13620	12593	13620
Jammu & Kashmir	75.7	75.5	75.9	1925	1840	2009	1220	1148	1288	14310	14061	14549	13776	13061	13776
Jharkhand	69.3	69.2	69.4	15463	15208	15707	7197	7035	7361	55956	55504	56395	44942	43153	46268
Karnataka	71.7	71.6	71.7	13855	13611	14104	11668	11468	11889	89977	89452	90536	112718	109027	114306
Kerala	78.3	78.2	78.4	2081	1989	2168	1631	1554	1711	36342	35985	36687	86087	78771	86087
Madhya Pradesh	69.8	69.8	69.9	45332	44909	45731	17092	16836	17343	95026	94422	95649	114661	108871	114661
Maharashtra	74.6	74.5	74.6	18626	18351	18887	25074	24768	25390	157630	156897	158424	155821	148287	161456
Manipur	72.8	72.5	73.1	807	754	859	547	504	595	2755	2653	2848	2385	2195	2441
Meghalaya	70.3	70.0	70.6	1155	1090	1221	999	941	1065	3345	3234	3453	2717	2519	2778
Mizoram	72.7	72.2	73.3	251	221	282	235	206	265	1076	1013	1140	1015	924	1063
Nagaland	73.6	73.2	74.1	163	139	190	602	554	648	1704	1625	1789	1556	1342	1532
Odisha	71.0	70.9	71.0	15228	14993	15482	10014	9832	10212	77804	77268	78347	73833	71287	73833

APPENDIX TABLE 4:

LOCATION	FEMALES														
	LE			Deaths 0 to 4			Deaths 5 to 29			Deaths 30 to 69			Deaths 70 +		
	PE	LL	UL	PE	LL	UL	PE	LL	UL	PE	LL	UL	PE	LL	UL
Punjab	74.5	74.4	74.6	4115	4004	4239	4473	4343	4599	52514	52089	52940	35177	33000	35177
Rajasthan	71.6	71.5	71.6	30897	30557	31220	10764	10560	10972	94320	93735	94884	99538	93497	99538
Sikkim	77.1	76.5	77.7	66	51	82	59	45	74	467	426	510	1115	992	1167
Tamil Nadu	73.9	73.9	74.0	7887	7723	8058	10028	9836	10228	121161	120505	121828	129879	122870	133408
Telangana	73.8	73.7	73.9	7710	7530	7891	3441	3332	3551	75809	75371	76302	28485	26914	29766
Tripura	66.9	66.7	67.2	1529	1461	1602	653	606	705	5784	5648	5930	5196	4846	5301
Uttar Pradesh	68.2	68.2	68.3	110710	110045	111329	52186	51724	52635	334685	333668	335821	262604	253796	267378
Uttarkhand	73.5	73.4	73.7	2650	2548	2749	1533	1457	1607	11052	10834	11261	18568	17299	19777
West Bengal	73.9	73.8	73.9	16519	16268	16769	11585	11388	11799	124962	124311	125670	125900	120693	128431
A & N Islands	72.7	71.8	73.5	57	43	72	71	55	88	521	476	560	566	503	604
Chandigarh	78.6	78.0	79.3	112	90	133	128	106	151	984	925	1043	1163	1036	1220
Dadra & N Haveli	70.4	69.7	71.3	126	106	149	106	86	125	627	581	678	639	565	676
Daman and Diu	72.5	71.5	73.5	73	56	90	43	31	56	283	251	315	300	296	374
Delhi	78.6	78.5	78.8	2295	2200	2385	2214	2122	2304	17667	17415	17942	14899	14090	15313
Lakshadweep	82.6	80.2	85.1	5	1	9	2	0	6	61	46	77	88	68	104
Puducherry	72.5	72.1	72.9	250	220	282	341	305	379	2280	2190	2379	2320	2136	2396
INDIA	71.37	71.36	71.39	441208	439979	442474	243217	242217	244150	1873258	1870845	1875782	1761803	1683114	1763828

Appendix TABLE 5: Adjustment factors (with sources) for correction of under-reporting of deaths in CRS data by sex and age for india and States, 2019

Location	MALE						FEMALE					
	Source	< 5 y	Source	15 to 59 y	Source	≥ 60 y	Source	< 5 y	Source	15 to 59 y	Source	≥ 60 y
Andhra Pradesh	SRS 2018	2.9	CRS	1	AL	1.09	SRS 2018	3.2	CRS	1	SRS 2018	1.31
Arunachal Pradesh	ASSAM SRS	>10	MODMATCH	1.7	MODMATCH	4.0	ASSAM SRS	>10	MODMATCH	2.9	MODMATCH	8.9
Assam	SRS 2018	7.1	CRS	1	SRS 2018	1.60	SRS 2018	9.7	SRS 2018	2.9	SRS 2018	2.32
Bihar	NFHS5	7.5	AL	1.49	AL	2.8	NFHS 5	8.9	AL	2.2	AL	3.4
Chhattisgarh	SRS 2018	3.3	SRS 2018	1.16	AL	1.16	SRS 2018	4.2	SRS 2018	1.24	AL	1.25
Goa	CRS	1	CRS	1	CRS	1	CRS	1	CRS	1	CRS	1
Gujarat	SRS 2018	1.9	CRS	1	AL	1.11	SRS 2018	2.1	CRS	1	AL	1.10
Haryana	SRS 2018	7.3	CRS	1	AL	1.07	SRS 2018	9.0	CRS	1	AL	1.23
Himachal Pradesh	SRS 2018	2.0	CRS	1	SRS2018	1.17	SRS 2018	2.6	SRS 2018	1.22	AL	1.24
Jammu & Kashmir	SRS 2018	1.1	SRS 2018	7.2	SRS 2018	1.5	SRS 2018	1.1	SRS 2018	5.3	AL	1.42
Jharkhand	NFHS 4	5.8	SRS 2018	1.24	SRS 2018	2.6	NFHS 4	5.2	SRS 2018	1.9	SRS 2018	3.5
Karnataka	SRS 2018	1.7	CRS	1	AL	1.07	SRS 2018	2.4	CRS	1	AL	1.21
Kerala	SRS 2018	1.6	CRS	1	AL	1.02	SRS 2018	1.50	CRS	1	AL	1.03
Madhya Pradesh	SRS 2018	6.0	CRS	1	AL	1.24	SRS 2018	6.4	CRS	1	SRS 2018	1.81
Maharashtra	SRS 2018	1.7	CRS	1	AL	1.10	SRS 2018	2.2	SRS 2018	1.23	SRS 2018	1.08
Manipur	NFHS 5	>10	MODMATCH	5.1	MODMATCH	>10	NFHS 5	>10	MODMATCH	5.2	MODMATCH	>10
Meghalaya	NFHS 5	1	CRS	1	MODMATCH	2.5	NFHS 5	1	CRS	1	MODMATCH	1.8
Mizoram	NFHS 5	1.6	CRS	1	MODMATCH	1.32	NFHS 5	1.02	CRS	1	MODMATCH	1.04
Nagaland	NFHS 5	>10	MODMATCH	2.5	MODMATCH	>10	NFHS 5	>10	MODMATCH	3.2	MODMATCH	>10
Odisha	SRS 2018	1.9	CRS	1	SRS 2018	1.24	SRS 2018	2.5	CRS	1	SRS 2018	1.39

Appendix TABLE 5: Adjustment factors (with sources) for correction of under-reporting of deaths in CRS data by sex and age for india and States, 2019

Location	MALE						FEMALE					
	Source	< 5 y	Source	15 to 59 y	Source	≥ 60 y	Source	< 5 y	Source	15 to 59 y	Source	≥ 60 y
Punjab	SRS 2018	3.2	CRS	1	AL	1.09	SRS 2018	3.2	CRS	1	AL	1.08
Rajasthan	SRS 2018	4.2	CRS	1	AL	1.07	SRS 2018	5.8	CRS	1	AL	1.40
Sikkim	NFHS 5	1.49	CRS	1	MODMATCH	1.65	NFHS 5	1.7	CRS	1	MODMATCH	1.50
Tamil Nadu	SRS 2018	1.3	CRS	1	AL	1.04	SRS 2018	1.5	CRS	1	AL	1.04
Telangana	SRS 2018	2.1	CRS	1	AL	1.10	SRS 2018	2.4	CRS	1	AL	1.41
Tripura	NFHS 5	3.5	CRS	1	CRS	1	NFHS 5	4.6	CRS	1	CRS	1
Uttar Pradesh	SRS 2018	5.1	SRS 2018	1.26	SRS 2018	2.5	SRS 2018	5.7	SRS 2018	1.4	SRS 2018	2.9
Uttarkhand	SRS 2018	3.3	CRS	1	AL	1.14	SRS 2018	3.5	SRS 2018	1.24	AL	1.24
West Bengal	SRS 2018	2.5	CRS	1	AL	1.13	SRS 2018	3.1	CRS	1	SRS 2018	1.29
A & N Islands	NFHS 5	1.22	CRS	1	MODMATCH	1.69	NFHS 5	1.4	CRS	1	MODMATCH	1.55
Chandigarh	SRS Delhi	NA	SRS Delhi	NA	SRS Delhi	NA	SRS Delhi	NA	SRS Delhi	NA	SRS Delhi	NA
Dadra & N Haveli	NFHS 5	1.16	MODMATCH	1.24	MODMATCH	2.1	CRS	1	MODMATCH	1.15	MODMATCH	1.89
Daman and Diu	NFHS 5	5.2	MODMATCH	1.48	AL	1.48	NFHS 5	2.6	AL	1.4	AL	1.40
Delhi	SRS 2018	NA	SRS 2018	NA	SRS 2018	NA	SRS 2018	NA	SRS 2018	NA	SRS 2018	NA
Lakshadweep	CRS	1	CRS	1	CRS	1	CRS	1	CRS	1	CRS	1
Puducherry	CRS	1	CRS	1	CRS	1	CRS	1	CRS	1	CRS	1
INDIA		3.42		1.06		1.32		4.06		1.17		1.45

Negligible	Minor	Moderate	High
1 to 1.10	1.11 to 1.25	1.26 to 1.50	>1.51

Appendix Table 6 : CRS reported and final estimates of deaths by sex and age for India and States / UTs, 2019

Location	Males									
	0 to 4		5 to `14		15 to 59		60+		Total	
	RAW	Adj	RAW	Adj	RAW	Adj	RAW	Adj	RAW	Adj
Andhra Pradesh	4487	12787	1070	1070	104259	104259	134803	142839	244619	260955
Arunachal Pradesh	17	695	27	47	1507	2630	1092	3083	2643	6456
Assam	2039	14475	1725	1725	33064	33064	65717	82501	102545	131766
Bihar	10968	81935	6563	6563	90361	137816	115442	240457	223334	466770
Chhattisgarh	4388	14349	1715	1715	49899	58291	54733	63260	110735	137616
Goa	140	140	31	31	3193	3193	4845	4845	8209	8209
Gujarat	11060	21014	2959	2959	115766	115766	146448	159138	276232	298876
Haryana	1339	9788	1330	1330	38356	38356	78335	82454	119360	131928
Himachal Pradesh	553	1106	199	199	8196	8196	16515	18531	25463	28032
Jammu & Kashmir	2657	2629	119	494	1969	14544	19677	25729	24421	43396
Jharkhand	3487	20101	2087	1179	29007	37699	36427	71745	71008	130724
Karnataka	7914	13058	3604	3604	120265	120265	176153	184810	307936	321738
Kerala	1675	2663	566	566	37330	37330	108829	111505	148399	152063
Madhya Pradesh	8993	53957	5069	5069	132787	132787	162870	194942	309719	386756
Maharashtra	11687	19284	5340	5340	139617	139617	244448	281316	401093	445557
Manipur	69	860	37	186	882	4540	1017	5885	2005	11471
Meghalaya	1713	1199	470	470	5401	5401	3513	6025	11097	13095
Mizoram	171	265	68	68	2168	2168	1645	2084	4052	4585
Nagaland	26	670	5	23	821	2103	780	3588	1632	6385
Odisha	8132	15614	2282	2282	70816	70816	114661	130522	195891	219233
Punjab	1530	4896	888	888	45444	45444	76663	82818	124525	134045
Rajasthan	8149	34552	2601	2601	113496	113496	160737	176273	284983	326922

Appendix Table 6 : CRS reported and final estimates of deaths by sex and age for India and States / UTs, 2019

Location	Males									
	0 to 4		5 to `14		15 to 59		60+		Total	
	RAW	Adj	RAW	Adj	RAW	Adj	RAW	Adj	RAW	Adj
Sikkim	51	78	20	20	647	647	1303	1905	2021	2650
Tamil Nadu	7152	9083	2058	2058	142565	142565	225655	232896	377430	386602
Telangana	3918	8189	925	925	34415	35566	93053	102594	132311	147274
Tripura	468	1642	106	106	7036	7036	10838	10838	18448	19622
Uttar Pradesh	23507	120119	18871	18871	218476	279189	274163	479943	535017	898121
Uttarkhand	1017	3305	390	390	13043	13043	26067	29825	40517	46563
West Bengal	7168	17633	1699	1699	122068	126249	195819	222730	326754	368312
A & N Islands	56	68	17	17	731	731	812	1145	1616	1961
Chandigarh*	1728	157	318	43	7766	890	5137	2755	14949	3844
Dadra & N Haveli	170	198	30	44	853	1049	585	1374	1638	2664
Daman and Diu	22	176	7	37	372	814	326	1164	727	2190
Delhi*	6676	3141	1625	744	41779	16745	39643	30505	89723	51135
Lakshadweep	6	6	1	1	40	40	130	130	177	177
Puducherry	375	375	59	59	3751	3751	3877	3877	8063	8063
INDIA	143506	490206	64881	63424	1738147	1856096	2602758	3196031	4549292	5605758

*Adjusted deaths for Chandigarh and Delhi are lower than CRS reported deaths as adjustment was based on SRS death rates for Delhi, which are measured for usual resident population only. This strategy was adopted since CRS deaths for Chandigarh and Delhi include sizeable numbers of deaths of non-residents

Appendix Table 6 :

Location	Females									
	0 to 4		5 to `14		15 to 59		60+		Total	
	RAW	Adj	RAW	Adj	RAW	Adj	RAW	Adj	RAW	Adj
Andhra Pradesh	3497	11017	948	948	54626	54626	97781	116932	156853	183523
Arunachal Pradesh	7	732	11	31	500	1428	329	1910	847	4101
Assam	1606	15577	518	714	13600	40413	44789	66124	60512	122827
Bihar	8381	74296	4566	10094	48934	105568	74134	199411	136015	389369
Chhattisgarh	3164	13290	1297	1625	27884	34942	44974	56358	77319	106216
Goa	108	108	27	27	1047	1047	4459	4459	5642	5642
Gujarat	7980	16358	2487	2487	51861	51861	123712	137458	186040	208165
Haryana	927	8346	911	911	19097	19097	48615	59206	69550	87560
Himachal Pradesh	433	1148	156	185	3543	4321	14042	17423	18174	23077
Jammu & Kashmir	1750	1925	148	481	1627	8993	16281	19832	19806	31231
Jharkhand	2980	15463	1624	1806	16901	34136	26861	72152	48366	123557
Karnataka	5773	13855	2988	2988	55505	55505	136382	155870	200648	228218
Kerala	1387	2081	384	384	17458	17458	102925	106218	122154	126140
Madhya Pradesh	7139	45332	3765	3765	64762	64762	107943	158251	183609	272111
Maharashtra	8583	18626	3161	3719	82554	101422	198339	233384	292637	357150
Manipur	31	807	14	134	417	2131	523	3422	985	6494
Meghalaya	1266	1155	338	338	2869	2869	2728	3855	7201	8216
Mizoram	257	251	46	46	922	913	1329	1367	2554	2577
Nagaland	9	612	7	20	371	1246	251	2261	639	4139
Odisha	6215	15228	2125	2125	44428	44428	94288	115098	147056	176879
Punjab	1286	4115	680	680	27899	27899	58752	63584	88617	96278
Rajasthan	5364	30897	1824	1824	51016	51016	108069	151783	166273	235519

Appendix Table 6 :

Location	Females									
	0 to 4		5 to `14		15 to 59		60+		Total	
	RAW	Adj	RAW	Adj	RAW	Adj	RAW	Adj	RAW	Adj
Sikkim	37	66	13	13	278	278	959	1351	1287	1707
Tamil Nadu	5155	7887	1594	1594	66881	68422	182837	191052	256467	268955
Telangana	3267	7710	694	694	23575	23575	68447	83464	95983	115444
Tripura	335	1529	119	119	3823	3823	7691	7691	11968	13162
Uttar Pradesh	19457	110710	14964	14964	166905	238760	208254	395752	409579	760186
Uttarkhand	749	2650	268	333	5553	6906	19227	23914	25796	33804
West Bengal	5398	16519	1629	1629	72467	72467	145446	188350	224941	278966
A & N Islands	40	57	16	16	333	333	611	809	1000	1216
Chandigarh*	1115	112	258	22	3774	589	3485	1665	8632	2388
Dadra & N Haveli	145	126	27	25	376	440	519	907	1067	1498
Daman and Diu	25	73	6	11	119	185	285	477	435	746
Delhi*	4602	2295	1380	415	20797	10752	28748	23612	55527	37075
Lakshadweep	5	5	1	1	25	25	126	126	157	157
Puducherry	250	250	54	54	1647	1647	3241	3241	5192	5192
INDIA	108726	441208	49048	55225	954373	1154283	1977381	2668769	3089528	4319485



*Adjusted deaths for Chandigarh and Delhi are lower than CRS reported deaths as adjustment was based on SRS death rates for Delhi, which are measured for usual resident population only. This strategy was adopted since CRS deaths for Chandigarh and Delhi include sizeable numbers of deaths of non-residents

Appendix Table 7: Annual proportions of delayed registration by state during 2016 to 2019

State/ UT	2016			2017			2018			2019		
	Same calendar year	Previous calendar years	Delayed Reg %	Same calendar year	Previous calendar years	Delayed Reg %	Same calendar year	Previous calendar years	Delayed Reg %	Same calendar year	Previous calendar years	Delayed Reg %
Andhra Pradesh	280331	32954	11%	345288	10258	3%	364860	10917	3%	391643	9829	2%
Arunachal Pradesh	1044	1547	60%	1457	1482	50%	1775	2085	54%	1198	2292	66%
Assam	121534	8880	7%	126466	14546	10%	134856	7749	5%	157924	5133	3%
Bihar	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chhattisgarh	168922	14063	8%	161973	13062	7%	165355	12194	7%	173665	14546	8%
Goa	13130	183	1%	13020	141	1%	13072	176	1%	13851	147	1%
Gujarat	NA	NA	NA	384160	4156	1%	425625	7631	2%	452665	9619	2%
Haryana	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Himachal Pradesh	NA	NA	NA	38598	516	1%	41236	597	1%	43036	597	1%
Jammu & Kashmir	36431	0	0%	37171	13	0%	39410	0	0%	44227	0	0%
Jharkhand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Karnataka	403323	17451	4%	444797	36950	8%	446615	36896	8%	471484	37100	7%
Kerala	250694	5436	2%	258116	5226	2%	253720	4810	2%	265449	5118	2%
Madhya Pradesh	313889	24698	7%	344350	26188	7%	387497	36760	9%	444918	48410	10%
Maharashtra	625248	41200	6%	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manipur	NA	NA	NA	NA	NA	NA	4602	424	8%	3260	629	16%
Meghalaya	NA	NA	NA	13349	430	3%	14151	628	4%	17638	660	4%
Mizoram	6422	351	5%	5522	3	0%	5522	3	0%	6606	0	0%
Nagaland	1196	941	44%	1157	679	37%	505	323	39%	1338	928	41%
Odisha	319962	25565	7%	301043	21617	7%	308158	20641	6%	318830	24117	7%

Appendix Table 7: Annual proportions of delayed registration by state during 2016 to 2019

State/ UT	2016			2017			2018			2019		
	Same calendar year	Previous calendar years	Delayed Reg %	Same calendar year	Previous calendar years	Delayed Reg %	Same calendar year	Previous calendar years	Delayed Reg %	Same calendar year	Previous calendar years	Delayed Reg %
Punjab	210912	2666	1%	207639	2759	1%	211213	2021	1%	213142	1903	1%
Rajasthan*	353151	63841	15%	366258	58505	14%	371830	71343	16%	381494	69821	15%
Sikkim	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tamil Nadu	534322	29303	5%	561181	19315	3%	556656	17350	3%	612748	21149	3%
Telangana	202328	2589	1%	176561	1783	1%	133045	3483	3%	224520	3774	2%
Tripura*	NA	NA	NA	22562	3734	14%	24427	4653	16%	24658	5761	19%
Uttar Pradesh	NA	NA	NA	NA	NA	NA	NA	NA	NA	800130	144465	12%
Uttarakhand*	34969	13259	27%	28501	5430	16%	39508	8386	18%	58300	8013	15%
West Bengal	NA	NA	NA	422112	20883	5%	461476	29054	6%	541585	10110	2%
A & N Islands	2351	84	3%	2137	68	3%	2237	67	3%	2544	72	3%
Chandigarh	16506	64	0%	21214	22	0%	23306	24	0%	23572	20	0%
D & N Haveli	1775	15	1%	2051	29	1%	2134	40	2%	2684	21	1%
Daman & Diu	1208	42	3%	1111	25	2%	1148	21	2%	1141	21	2%
Delhi	146076	1409	1%	141204	1261	1%	150671	1503	1%	NA	NA	NA
Lakshadweep	314	7	2%	350	1	0%	312	2	1%	335	1	0%
Puducherry	12426	34	0%	13302	48	0%	12780	59	0%	13210	45	0%
INDIA**	4058464	286582	7%	4442650	249130	5%	4597702	279840	6%	5707795	424301	7%

 NA: Not Available
 Very high, modelled estimates used
 * Consistently high
 ** Based on available data

APPENDIX TABLE 8: Estimated life tables by sex for India and States / Union Territories in 2019

INDIA

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	12239902	322429	0.026342	0.025732	0.974268	100000	2573	97684	6750847	67.51
1-4	1	4	0.5	48168403	167777	0.003483	0.013836	0.986164	97427	1348	387011	6653163	68.29
5-9	5	5	0.5	62215707	22141	0.000356	0.001778	0.998222	96079	171	479967	6266152	65.22
10-14	10	5	0.5	61125832	41283	0.000675	0.003371	0.996629	95908	323	478731	5786185	60.33
15-19	15	5	0.5	64645537	60656	0.000938	0.00468	0.99532	95585	447	476805	5307454	55.53
20-24	20	5	0.5	66470880	86648	0.001304	0.006497	0.993503	95137	618	474141	4830649	50.78
25-29	25	5	0.5	62650910	122342	0.001953	0.009716	0.990284	94519	918	470300	4356508	46.09
30-34	30	5	0.5	56391840	139502	0.002474	0.012293	0.987707	93601	1151	465127	3886208	41.52
35-39	35	5	0.5	49815389	166551	0.003343	0.016578	0.983422	92450	1533	458419	3421081	37.00
40-44	40	5	0.5	44318747	212080	0.004785	0.023644	0.976356	90917	2150	449213	2962661	32.59
45-49	45	5	0.5	40101077	292035	0.007282	0.035761	0.964239	88768	3174	435903	2513448	28.31
50-54	50	5	0.5	35139262	324815	0.009244	0.045174	0.954826	85593	3867	418300	2077545	24.27
55-59	55	5	0.5	28993687	451467	0.015571	0.074939	0.925061	81727	6125	393323	1659244	20.30
60-64	60	5	0.5	22406496	527780	0.023555	0.111224	0.888776	75602	8409	356989	1265922	16.74
65-69	65	5	0.5	16785513	742077	0.044209	0.199047	0.800953	67193	13375	302531	908932.4	13.53
70-74	70	5	0.5	12513505	622158	0.049719	0.221111	0.778889	53819	11900	239344	606401.8	11.27
75-79	75	5	0.5	8241645	541130	0.065658	0.282001	0.717999	41919	11821	180041	367057.7	8.76
80-85	80	5	0.5	2937597	373865	0.127269	0.482748	0.517252	30098	14530	114164	187016.3	6.21
85+	85	0	0.5	1820449	389022	0.213695	1	0	15568	15568	72852	72851.81	4.68
All ages				696982378	5605758								

INDIA

Estimated abridged life table for 2019

FEMALES

Age	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	11058031	284642	0.025741	0.025158	0.974842	100000	2516	97736	7137258	71.37
1-4	1	4	0.5	43384279	156566	0.003609	0.014332	0.985668	97484	1397	387143	7039522	72.21
5-9	5	5	0.5	55496264	25573	0.000461	0.002301	0.997699	96087	221	479883	6652380	69.23
10-14	10	5	0.5	56753733	29652	0.000522	0.002609	0.997391	95866	250	478704	6172497	64.39
15-19	15	5	0.5	59407430	47306	0.000796	0.003974	0.996026	95616	380	477129	5693793	59.55
20-24	20	5	0.5	60581376	64037	0.001057	0.005271	0.994729	95236	502	474924	5216663	54.78
25-29	25	5	0.5	57008914	76648	0.001344	0.0067	0.9933	94734	635	472083	4741739	50.05
30-34	30	5	0.5	52934716	74725	0.001412	0.007033	0.992967	94099	662	468841	4269656	45.37
35-39	35	5	0.5	48749389	96651	0.001983	0.009864	0.990136	93437	922	464882	3800815	40.68
40-44	40	5	0.5	44230627	119710	0.002706	0.013442	0.986558	92516	1244	459469	3335932	36.06
45-49	45	5	0.5	39812771	158394	0.003978	0.019696	0.980304	91272	1798	451866	2876463	31.52
50-54	50	5	0.5	34234717	236659	0.006913	0.033977	0.966023	89474	3040	439772	2424597	27.10
55-59	55	5	0.5	28023394	280153	0.009997	0.048767	0.951233	86434	4215	421634	1984825	22.96
60-64	60	5	0.5	22023974	366218	0.016628	0.079823	0.920177	82219	6563	394689	1563191	19.01
65-69	65	5	0.5	17541268	540748	0.030827	0.143107	0.856893	75656	10827	351214	1168503	15.44
70-74	70	5	0.5	13857973	537190	0.038764	0.176696	0.823304	64829	11455	295509	817289.1	12.61
75-79	75	5	0.5	9267107	508154	0.054834	0.241117	0.758883	53374	12869	234697	521780.3	9.78
80-85	80	5	0.5	3068447	333973	0.108841	0.4278	0.5722	40505	17328	159204	287082.8	7.09
85+	85	0	0.5	2110375	382485	0.18124	1	0	23177	23177	127879	127878.8	5.52
All ages				659544784	4319485								

ANDHRA PRADESH

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	364000	11477	0.031531	0.030661	0.969339	100000	3066	97241	6679894	66.80
1-4	1	4	0.5	1432000	1310	0.000915	0.003652	0.996348	96934	354	387028	6582654	67.91
5-9	5	5	0.5	1906000	517	0.000271	0.001354	0.998646	96580	131	482573	6195626	64.15
10-14	10	5	0.5	1908000	554	0.00029	0.00145	0.99855	96449	140	481896	5713053	59.23
15-19	15	5	0.5	2131000	1952	0.000916	0.004569	0.995431	96309	440	480446	5231157	54.32
20-24	20	5	0.5	2323000	3204	0.001379	0.006872	0.993128	95869	659	477699	4750711	49.55
25-29	25	5	0.5	2372000	6367	0.002684	0.013331	0.986669	95210	1269	472879	4273012	44.88
30-34	30	5	0.5	2292000	8250	0.0036	0.017837	0.982163	93941	1676	465516	3800134	40.45
35-39	35	5	0.5	2110000	13840	0.006559	0.032266	0.967734	92265	2977	453884	3334617	36.14
40-44	40	5	0.5	1908000	12483	0.006542	0.032185	0.967815	89288	2874	439257	2880733	32.26
45-49	45	5	0.5	1756000	18396	0.010476	0.051043	0.948957	86415	4411	421046	2441476	28.25
50-54	50	5	0.5	1566000	20137	0.012859	0.062293	0.937707	82004	5108	397248	2020430	24.64
55-59	55	5	0.5	1299000	19631	0.015112	0.072811	0.927189	76896	5599	370481	1623181	21.11
60-64	60	5	0.5	988000	24376	0.024672	0.116195	0.883805	71297	8284	335773	1252701	17.57
65-69	65	5	0.5	743000	28955	0.03897	0.177553	0.822447	63012	11188	287092	916928.1	14.55
70-74	70	5	0.5	590000	35315	0.059856	0.260324	0.739676	51824	13491	225394	629836.1	12.15
75-79	75	5	0.5	405000	27135	0.067	0.286938	0.713062	38333	10999	164168	404442.1	10.55
80-85	80	5	0.5	105612	11058	0.1047	0.4149	0.5851	27334	11341	108318	240274.1	8.79
85+	85	0	0.5	132015	16000	0.1212	1	0	15993	15993	131956	131956.4	8.25
All ages				26330627	260955								

ANDHRA PRADESH

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	335000	9451	0.028213	0.027515	0.972485	100000	2751	97524	7321451	73.21
1-4	1	4	0.5	1318000	1565	0.001188	0.004739	0.995261	97249	461	388072	7223927	74.28
5-9	5	5	0.5	1739000	464	0.000267	0.001334	0.998666	96788	129	483616	6835855	70.63
10-14	10	5	0.5	1823000	484	0.000266	0.001327	0.998673	96659	128	482972	6352239	65.72
15-19	15	5	0.5	2013000	1497	0.000744	0.003711	0.996289	96530	358	481756	5869267	60.80
20-24	20	5	0.5	2172000	1709	0.000787	0.003926	0.996074	96172	378	479917	5387511	56.02
25-29	25	5	0.5	2246000	3341	0.001488	0.00741	0.99259	95795	710	477198	4907594	51.23
30-34	30	5	0.5	2294000	3162	0.001378	0.006868	0.993132	95085	653	473791	4430396	46.59
35-39	35	5	0.5	2200000	4593	0.002088	0.010385	0.989615	94432	981	469707	3956605	41.90
40-44	40	5	0.5	2005000	6559	0.003272	0.016225	0.983775	93451	1516	463465	3486898	37.31
45-49	45	5	0.5	1831000	8981	0.004905	0.024228	0.975772	91935	2227	454106	3023433	32.89
50-54	50	5	0.5	1588000	11459	0.007216	0.035439	0.964561	89707	3179	440589	2569327	28.64
55-59	55	5	0.5	1301000	13326	0.010243	0.049935	0.950065	86528	4321	421839	2128738	24.60
60-64	60	5	0.5	1037000	14976	0.014442	0.069692	0.930308	82207	5729	396714	1706899	20.76
65-69	65	5	0.5	864000	20051	0.023207	0.109672	0.890328	76478	8388	361422	1310185	17.13
70-74	70	5	0.5	728000	31158	0.0428	0.193315	0.806685	68091	13163	307546	948762.4	13.93
75-79	75	5	0.5	492000	31144	0.0633	0.273257	0.726743	54928	15009	237115	641216.3	11.67
80-85	80	5	0.5	131920	10897	0.0826	0.342312	0.657688	39918	13665	165430	404101.2	10.12
85+	85	0	0.5	79152	8707	0.11	1	0	26254	26254	238671	238670.8	9.09
All ages				26197072	183523								

ARUNACHAL PRADESH

Estimated abridged life table for 2019

MALES

Age	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	13955	245	0.017585	0.017311	0.982689	100000	1731	98442	6439329	64.39
1-4	1	4	0.5	55287	450	0.008138	0.032029	0.967971	98269	3147	386781	6340887	64.53
5-9	5	5	0.5	70798	21	0.0003	0.001496	0.998504	95121	142	475251	5954106	62.59
10-14	10	5	0.5	77800	26	0.000333	0.001664	0.998336	94979	158	474500	5478854	57.68
15-19	15	5	0.5	76244	72	0.000948	0.004727	0.995273	94821	448	472985	5004354	52.78
20-24	20	5	0.5	78578	88	0.001124	0.005603	0.994397	94373	529	470542	4531369	48.02
25-29	25	5	0.5	73910	163	0.0022	0.010937	0.989063	93844	1026	466654	4060827	43.27
30-34	30	5	0.5	67686	199	0.002935	0.01457	0.98543	92818	1352	460707	3594173	38.72
35-39	35	5	0.5	57572	269	0.004679	0.023124	0.976876	91465	2115	452039	3133466	34.26
40-44	40	5	0.5	51348	329	0.006412	0.031553	0.968447	89350	2819	439703	2681427	30.01
45-49	45	5	0.5	42790	472	0.01103	0.053672	0.946328	86531	4644	421044	2241725	25.91
50-54	50	5	0.5	33454	577	0.017244	0.082656	0.917344	81887	6768	392512	1820681	22.23
55-59	55	5	0.5	25674	461	0.017956	0.085922	0.914078	75118	6454	359455	1428168	19.01
60-64	60	5	0.5	19450	563	0.028969	0.135061	0.864939	68664	9274	320135	1068713	15.56
65-69	65	5	0.5	14004	414	0.029535	0.137522	0.862478	59390	8167	276532	748577.9	12.60
70-74	70	5	0.5	9336	648	0.069428	0.2958	0.7042	51223	15152	218234	472046	9.22
75-79	75	5	0.5	5446	577	0.105941	0.418789	0.581211	36071	15106	142590	253811.9	7.04
80-85	80	5	0.5	3112	506	0.162542	0.577884	0.422116	20965	12115	74536	111222.2	5.31
85+	85	0	0.5	1556	375	0.241225	1	0	8850	8850	36686	36686.07	4.15
All ages				778000	6456								

ARUNACHAL PRADESH

Estimated abridged life table for 2019

FEMALES

Age	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	12708	209	0.016454	0.016214	0.983786	100000	1621	98541	6872654	68.73
1-4	1	4	0.5	50330	523	0.010386	0.0407	0.9593	98379	4004	385506	6774113	68.86
5-9	5	5	0.5	65237	14	0.000217	0.001083	0.998917	94375	102	471617	6388607	67.69
10-14	10	5	0.5	71101	17	0.000243	0.001215	0.998785	94272	115	471075	5916989	62.76
15-19	15	5	0.5	74033	50	0.000677	0.003381	0.996619	94158	318	469993	5445914	57.84
20-24	20	5	0.5	84295	61	0.000727	0.003629	0.996371	93839	341	468346	4975921	53.03
25-29	25	5	0.5	76232	89	0.001164	0.005802	0.994198	93499	542	466139	4507575	48.21
30-34	30	5	0.5	66703	108	0.001626	0.008095	0.991905	92956	752	462901	4041437	43.48
35-39	35	5	0.5	54242	168	0.003105	0.015406	0.984594	92204	1421	457469	3578535	38.81
40-44	40	5	0.5	44713	206	0.004604	0.022758	0.977242	90784	2066	448752	3121067	34.38
45-49	45	5	0.5	35917	228	0.006336	0.031186	0.968814	88717	2767	436670	2672314	30.12
50-54	50	5	0.5	27121	278	0.010256	0.049996	0.950004	85951	4297	419011	2235644	26.01
55-59	55	5	0.5	25655	239	0.009321	0.045546	0.954454	81653	3719	398970	1816633	22.25
60-64	60	5	0.5	16859	292	0.017337	0.083084	0.916916	77935	6475	373485	1417663	18.19
65-69	65	5	0.5	11728	194	0.016566	0.079536	0.920464	71459	5684	343088	1044178	14.61
70-74	70	5	0.5	7330	370	0.050486	0.22414	0.77586	65776	14743	292021	701090.6	10.66
75-79	75	5	0.5	5131	434	0.084567	0.349042	0.650958	51033	17813	210632	409069.2	8.02
80-85	80	5	0.5	2199	304	0.138128	0.513366	0.486634	33220	17054	123466	198436.7	5.97
85+	85	0	0.5	1466	316	0.215631	1	0	16166	16166	74971	74970.98	4.64
All ages				733000	4101								

ASSAM

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	323000	9151	0.028332	0.027627	0.972373	100000	2763	97514	6778437	67.78
1-4	1	4	0.5	1252000	5324	0.004253	0.016867	0.983133	97237	1640	385669	6680923	68.71
5-9	5	5	0.5	1570000	995	0.000634	0.003165	0.996835	95597	303	477230	6295254	65.85
10-14	10	5	0.5	1687000	729	0.000432	0.002159	0.997841	95295	206	475959	5818025	61.05
15-19	15	5	0.5	1730000	930	0.000538	0.002685	0.997315	95089	255	474806	5342066	56.18
20-24	20	5	0.5	1701000	1288	0.000757	0.00378	0.99622	94834	358	473272	4867259	51.32
25-29	25	5	0.5	1549000	1466	0.000947	0.004721	0.995279	94475	446	471261	4393987	46.51
30-34	30	5	0.5	1407000	1276	0.000907	0.004525	0.995475	94029	425	469082	3922726	41.72
35-39	35	5	0.5	1299000	1484	0.001143	0.005697	0.994303	93604	533	466685	3453644	36.90
40-44	40	5	0.5	1176000	2055	0.001748	0.008701	0.991299	93070	810	463328	2986959	32.09
45-49	45	5	0.5	1049000	6284	0.005991	0.029512	0.970488	92261	2723	454496	2523631	27.35
50-54	50	5	0.5	908000	6816	0.007507	0.036844	0.963156	89538	3299	439442	2069135	23.11
55-59	55	5	0.5	738000	11463	0.015533	0.074761	0.925239	86239	6447	415076	1629693	18.90
60-64	60	5	0.5	547000	11073	0.020243	0.096339	0.903661	79792	7687	379740	1214617	15.22
65-69	65	5	0.5	383000	26821	0.07003	0.297979	0.702021	72105	21486	306808	834876.9	11.58
70-74	70	5	0.5	256000	14848	0.058	0.253275	0.746725	50619	12820	221043	528068.4	10.43
75-79	75	5	0.5	150000	11595	0.0773	0.323905	0.676095	37798	12243	158384	307025.4	8.12
80-85	80	5	0.5	71372	10906	0.1528	0.552822	0.447178	25555	14128	92458	148641.2	5.82
85+	85	0	0.5	35686	7259	0.2034	1	0	11428	11428	56184	56183.66	4.92
All ages				17832058	131766								

ASSAM

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	298000	10443	0.035042	0.033971	0.966029	100000	3397	96943	6737855	67.38
1-4	1	4	0.5	1151000	5134	0.004461	0.017685	0.982315	96603	1708	382995	6640912	68.74
5-9	5	5	0.5	1430000	429	0.0003	0.001499	0.998501	94895	142	474117	6257917	65.95
10-14	10	5	0.5	1637000	285	0.000174	0.000869	0.999131	94752	82	473556	5783800	61.04
15-19	15	5	0.5	1660000	3320	0.002	0.00995	0.99005	94670	942	470995	5310245	56.09
20-24	20	5	0.5	1606000	1606	0.001	0.004988	0.995012	93728	467	467471	4839250	51.63
25-29	25	5	0.5	1491000	2982	0.002	0.00995	0.99005	93260	928	463982	4371779	46.88
30-34	30	5	0.5	1440000	1872	0.0013	0.006479	0.993521	92332	598	460167	3907797	42.32
35-39	35	5	0.5	1344000	4570	0.0034	0.016857	0.983143	91734	1546	454806	3447630	37.58
40-44	40	5	0.5	1179000	3301	0.0028	0.013903	0.986097	90188	1254	447805	2992824	33.18
45-49	45	5	0.5	1019000	6216	0.0061	0.030042	0.969958	88934	2672	437991	2545019	28.62
50-54	50	5	0.5	842000	7662	0.0091	0.044488	0.955512	86262	3838	421718	2107028	24.43
55-59	55	5	0.5	668000	8884	0.0133	0.06436	0.93564	82425	5305	398861	1685311	20.45
60-64	60	5	0.5	504000	8518	0.0169	0.081075	0.918925	77120	6252	369968	1286449	16.68
65-69	65	5	0.5	362000	25321	0.069947	0.297679	0.702321	70867	21096	301598	916481	12.93
70-74	70	5	0.5	258000	10913	0.0423	0.191273	0.808727	49772	9520	225058	614883.4	12.35
75-79	75	5	0.5	170000	8976	0.0528	0.233216	0.766784	40252	9387	177790	389824.9	9.68
80-85	80	5	0.5	51600	6899	0.1337	0.501031	0.498969	30864	15464	115662	212034.8	6.87
85+	85	0	0.5	34400	5497	0.1598	1	0	15400	15400	96373	96372.85	6.26
All ages				17145000	122827								

BIHAR

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	1445000	47526	0.03289	0.031945	0.968055	100000	3194	97125	6702404	67.02
1-4	1	4	0.5	5653000	34408	0.006087	0.024054	0.975946	96806	2329	382565	6605279	68.23
5-9	5	5	0.5	7259000	3537	0.000487	0.002434	0.997566	94477	230	471810	6222714	65.86
10-14	10	5	0.5	7148000	3025	0.000423	0.002114	0.997886	94247	199	470737	5750904	61.02
15-19	15	5	0.5	7111000	5298	0.000745	0.003719	0.996281	94048	350	469365	5280166	56.14
20-24	20	5	0.5	6552000	9124	0.001392	0.006938	0.993062	93698	650	466865	4810802	51.34
25-29	25	5	0.5	5148000	10130	0.001968	0.009791	0.990209	93048	911	462962	4343937	46.68
30-34	30	5	0.5	4093000	11709	0.002861	0.014202	0.985798	92137	1308	457413	3880974	42.12
35-39	35	5	0.5	3611000	11512	0.003188	0.015815	0.984185	90828	1436	450551	3423561	37.69
40-44	40	5	0.5	3355000	14366	0.004282	0.021183	0.978817	89392	1894	442226	2973010	33.26
45-49	45	5	0.5	3060000	23101	0.007549	0.037047	0.962953	87498	3242	429388	2530784	28.92
50-54	50	5	0.5	2606000	23409	0.008983	0.043927	0.956073	84257	3701	412031	2101396	24.94
55-59	55	5	0.5	2073000	29167	0.01407	0.067959	0.932041	80556	5474	389092	1689364	20.97
60-64	60	5	0.5	1569000	33762	0.021518	0.102097	0.897903	75081	7666	356242	1300272	17.32
65-69	65	5	0.5	1222000	55715	0.045593	0.204641	0.795359	67416	13796	302588	944029.3	14.00
70-74	70	5	0.5	1006000	46980	0.0467	0.209089	0.790911	53620	11211	240070	641441	11.96
75-79	75	5	0.5	710000	54670	0.077	0.322851	0.677149	42408	13692	177813	401370.9	9.46
80-85	80	5	0.5	192036	21950	0.1143	0.444488	0.555512	28717	12764	111673	223558	7.78
85+	85	0	0.5	192036	27380	0.14258	1	0	15953	15953	111885	111884.8	7.01
All ages				64005072	466770								

BIHAR

Estimated abridged life table for 2019

FEMALES

Age	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	1307000	45374	0.034716	0.033664	0.966336	100000	3366	96970	6829627	68.30
1-4	1	4	0.5	5088000	28922	0.005684	0.022482	0.977518	96634	2172	382189	6732657	69.67
5-9	5	5	0.5	6519000	3911	0.0006	0.002996	0.997004	94461	283	471598	6350468	67.23
10-14	10	5	0.5	6870000	6183	0.0009	0.00449	0.99551	94178	423	469834	5878870	62.42
15-19	15	5	0.5	6601000	4621	0.0007	0.003494	0.996506	93755	328	467958	5409036	57.69
20-24	20	5	0.5	5708000	7420	0.0013	0.006479	0.993521	93428	605	465625	4941079	52.89
25-29	25	5	0.5	4325000	5311	0.001228	0.006121	0.993879	92822	568	462692	4475453	48.22
30-34	30	5	0.5	3766000	7717	0.002049	0.010193	0.989807	92254	940	458920	4012762	43.50
35-39	35	5	0.5	3655000	12063	0.0033	0.016367	0.983633	91314	1494	452833	3553841	38.92
40-44	40	5	0.5	3423000	12012	0.003509	0.017393	0.982607	89819	1562	445191	3101008	34.52
45-49	45	5	0.5	2969000	11816	0.00398	0.019703	0.980297	88257	1739	436939	2655817	30.09
50-54	50	5	0.5	2401000	20609	0.008584	0.042017	0.957983	86518	3635	423503	2218878	25.65
55-59	55	5	0.5	1875000	24000	0.0128	0.062016	0.937984	82883	5140	401565	1795375	21.66
60-64	60	5	0.5	1462000	36550	0.025	0.117647	0.882353	77743	9146	365850	1393809	17.93
65-69	65	5	0.5	1235000	39520	0.032	0.148148	0.851852	68597	10162	317578	1027960	14.99
70-74	70	5	0.5	999000	42208	0.042251	0.191071	0.808929	58434	11165	264259	710382.2	12.16
75-79	75	5	0.5	548000	23957	0.043716	0.197046	0.802954	47269	9314	213060	446123.4	9.44
80-85	80	5	0.5	177213	30557	0.172434	0.602458	0.397542	37955	22866	132609	233062.9	6.14
85+	85	0	0.5	177213	26618	0.150206	1	0	15089	15089	100454	100453.7	6.66
All ages				59105426	389369								

CHHATTISGARH

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	289000	11451	0.039623	0.038258	0.961742	100000	3826	96557	6306291	63.06
1-4	1	4	0.5	1417000	2898	0.002045	0.008148	0.991852	96174	784	383129	6209735	64.57
5-9	5	5	0.5	1444000	678	0.000469	0.002344	0.997656	95391	224	476394	5826605	61.08
10-14	10	5	0.5	1342000	1037	0.000773	0.003858	0.996142	95167	367	474917	5350211	56.22
15-19	15	5	0.5	1390000	2476	0.001781	0.008865	0.991135	94800	840	471898	4875294	51.43
20-24	20	5	0.5	1412000	2430	0.001721	0.008568	0.991432	93959	805	467785	4403396	46.86
25-29	25	5	0.5	1318000	3997	0.003033	0.015049	0.984951	93154	1402	462267	3935611	42.25
30-34	30	5	0.5	1175000	4081	0.003473	0.017216	0.982784	91753	1580	454813	3473344	37.86
35-39	35	5	0.5	1026000	5236	0.005103	0.025195	0.974805	90173	2272	445185	3018531	33.47
40-44	40	5	0.5	906000	4995	0.005514	0.027194	0.972806	87901	2390	433529	2573346	29.28
45-49	45	5	0.5	832000	10505	0.012626	0.0612	0.9388	85511	5233	414470	2139817	25.02
50-54	50	5	0.5	746000	10199	0.013672	0.066098	0.933902	80277	5306	388121	1725348	21.49
55-59	55	5	0.5	609000	14372	0.0236	0.111426	0.888574	74971	8354	353971	1337227	17.84
60-64	60	5	0.5	443000	12183	0.0275	0.128655	0.871345	66617	8571	311660	983255.5	14.76
65-69	65	5	0.5	308000	14476	0.047	0.210291	0.789709	58047	12207	259717	671595.2	11.57
70-74	70	5	0.5	208000	15072	0.072463	0.306746	0.693254	45840	14061	194047	411878.3	8.99
75-79	75	5	0.5	125000	10611	0.084891	0.350144	0.649856	31779	11127	131076	217831.2	6.85
80-85	80	5	0.5	29588	6505	0.219864	0.709394	0.290606	20652	14650	66633	86755.22	4.20
85+	85	0	0.5	14794	4412	0.298249	1	0	6001	6001	20122	20122.44	3.35
All ages				15034382	137616								

CHHATTISGARH

Estimated abridged life table for 2019

FEMALES

Age	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	274000	10448	0.038132	0.036867	0.963133	100000	3687	96682	6828028	68.28
1-4	1	4	0.5	1339000	2842	0.002123	0.008454	0.991546	96313	814	383625	6731346	69.89
5-9	5	5	0.5	1367000	804	0.000588	0.002936	0.997064	95499	280	476794	6347721	66.47
10-14	10	5	0.5	1299000	821	0.000632	0.003156	0.996844	95219	301	475342	5870927	61.66
15-19	15	5	0.5	1349000	579	0.000429	0.002143	0.997857	94918	203	474082	5395585	56.84
20-24	20	5	0.5	1384000	3412	0.002465	0.012251	0.987749	94715	1160	470673	4921503	51.96
25-29	25	5	0.5	1298000	2737	0.002108	0.010486	0.989514	93554	981	465320	4450830	47.57
30-34	30	5	0.5	1152000	2097	0.00182	0.009061	0.990939	92573	839	460770	3985510	43.05
35-39	35	5	0.5	1010000	2494	0.002469	0.012271	0.987729	91735	1126	455859	3524740	38.42
40-44	40	5	0.5	909000	3765	0.004142	0.020495	0.979505	90609	1857	448402	3068881	33.87
45-49	45	5	0.5	841000	3717	0.00442	0.021857	0.978143	88752	1940	438910	2620479	29.53
50-54	50	5	0.5	741000	6948	0.009376	0.045806	0.954194	86812	3977	424119	2181569	25.13
55-59	55	5	0.5	600000	9195	0.015325	0.073797	0.926203	82836	6113	398895	1757450	21.22
60-64	60	5	0.5	457000	8833	0.019329	0.09219	0.90781	76722	7073	365930	1358555	17.71
65-69	65	5	0.5	355000	11072	0.031189	0.144665	0.855335	69649	10076	323058	992625.3	14.25
70-74	70	5	0.5	281000	13533	0.048159	0.214918	0.785082	59574	12803	265860	669567.6	11.24
75-79	75	5	0.5	182000	9046	0.049706	0.221059	0.778941	46770	10339	208004	403708	8.63
80-85	80	5	0.5	44094	7465	0.169305	0.594779	0.405221	36431	21669	127985	195704.4	5.37
85+	85	0	0.5	29396	6408	0.217998	1	0	14763	14763	67720	67719.51	4.59
All ages				14911490	106216								

GOA

Estimated abridged life table for 2019

MALES

Age	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	12419	122	0.009849	0.009762	0.990238	100000	976	99121	6464419	64.64
1-4	1	4	0.5	49201	18	0.000367	0.001466	0.998534	99024	145	395805	6365298	64.28
5-9	5	5	0.5	62400	14	0.000224	0.00112	0.99888	98879	111	494116	5969493	60.37
10-14	10	5	0.5	68640	17	0.000249	0.001244	0.998756	98768	123	493532	5475377	55.44
15-19	15	5	0.5	75660	101	0.001336	0.006656	0.993344	98645	657	491583	4981845	50.50
20-24	20	5	0.5	78780	124	0.001568	0.007809	0.992191	97988	765	488029	4490262	45.82
25-29	25	5	0.5	77220	189	0.002454	0.012194	0.987806	97223	1186	483152	4002233	41.17
30-34	30	5	0.5	68640	232	0.003374	0.016729	0.983271	96038	1607	476171	3519081	36.64
35-39	35	5	0.5	60840	333	0.005465	0.026958	0.973042	94431	2546	465791	3042910	32.22
40-44	40	5	0.5	52260	406	0.007776	0.03814	0.96186	91885	3505	450666	2577119	28.05
45-49	45	5	0.5	43680	508	0.01164	0.056556	0.943444	88381	4998	429408	2126453	24.06
50-54	50	5	0.5	35880	621	0.01732	0.083006	0.916994	83382	6921	399609	1697045	20.35
55-59	55	5	0.5	27300	679	0.024855	0.117004	0.882996	76461	8946	359940	1297436	16.97
60-64	60	5	0.5	24180	829	0.034298	0.157946	0.842054	67515	10664	310915	937495.8	13.89
65-69	65	5	0.5	17160	894	0.052115	0.230537	0.769463	56851	13106	251490	626580.4	11.02
70-74	70	5	0.5	11700	1061	0.090695	0.36966	0.63034	43745	16171	178298	375090.1	8.57
75-79	75	5	0.5	7800	811	0.104033	0.412802	0.587198	27574	11383	109414	196792.6	7.14
80-85	80	5	0.5	3900	499	0.12804	0.484964	0.515036	16191	7852	61327	87378.48	5.40
85+	85	0	0.5	2340	749	0.320101	1	0	8339	8339	26052	26051.77	3.12
All ages				780000	8209								

GOA

Estimated abridged life table for 2019

FEMALES

Age	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	11427	79	0.006932	0.006889	0.993111	100000	689	99380	7185353	71.85
1-4	1	4	0.5	45257	29	0.000642	0.002567	0.997433	99311	255	396735	7085973	71.35
5-9	5	5	0.5	57450	12	0.000212	0.00106	0.99894	99056	105	495019	6689239	67.53
10-14	10	5	0.5	64344	15	0.000231	0.001156	0.998844	98951	114	494470	6194220	62.60
15-19	15	5	0.5	71238	36	0.0005	0.002499	0.997501	98837	247	493567	5699750	57.67
20-24	20	5	0.5	78898	44	0.000552	0.002757	0.997243	98590	272	492270	5206183	52.81
25-29	25	5	0.5	78132	41	0.00052	0.002595	0.997405	98318	255	490952	4713913	47.95
30-34	30	5	0.5	68174	50	0.000728	0.003633	0.996367	98063	356	489424	4222961	43.06
35-39	35	5	0.5	58982	77	0.001308	0.006519	0.993481	97707	637	486940	3733538	38.21
40-44	40	5	0.5	50556	94	0.001865	0.009283	0.990717	97070	901	483095	3246597	33.45
45-49	45	5	0.5	43662	168	0.003844	0.019038	0.980962	96168	1831	476265	2763502	28.74
50-54	50	5	0.5	35236	205	0.005822	0.028693	0.971307	94338	2707	464921	2287237	24.25
55-59	55	5	0.5	29874	333	0.011161	0.054292	0.945708	91631	4975	445717	1822316	19.89
60-64	60	5	0.5	25278	408	0.016122	0.077487	0.922513	86656	6715	416493	1376599	15.89
65-69	65	5	0.5	18384	599	0.03256	0.150548	0.849452	79941	12035	369619	960105.5	12.01
70-74	70	5	0.5	14554	1174	0.080671	0.335659	0.664341	67906	22793	282548	590486.6	8.70
75-79	75	5	0.5	7660	898	0.11721	0.453239	0.546761	45113	20447	174447	307938.5	6.83
80-85	80	5	0.5	3830	553	0.144258	0.530109	0.469891	24666	13076	90641	133491.1	5.41
85+	85	0	0.5	3064	829	0.270484	1	0	11590	11590	42850	42850.29	3.70
All ages				766000	5642								

GUJARAT

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	639000	17777	0.02782	0.02714	0.97286	100000	2714	97557	6711512	67.12
1-4	1	4	0.5	2497000	3237	0.001296	0.005172	0.994828	97286	503	388138	6613954	67.98
5-9	5	5	0.5	3166000	909	0.000287	0.001434	0.998566	96783	139	483567	6225817	64.33
10-14	10	5	0.5	3028000	2050	0.000677	0.003379	0.996621	96644	327	482404	5742249	59.42
15-19	15	5	0.5	3210000	3645	0.001135	0.005661	0.994339	96317	545	480224	5259846	54.61
20-24	20	5	0.5	3365000	6260	0.00186	0.009259	0.990741	95772	887	476644	4779622	49.91
25-29	25	5	0.5	3293000	7673	0.00233	0.011583	0.988417	94885	1099	471679	4302978	45.35
30-34	30	5	0.5	3081000	8719	0.00283	0.014051	0.985949	93786	1318	465637	3831299	40.85
35-39	35	5	0.5	2796000	12141	0.004342	0.021478	0.978522	92469	1986	457378	3365661	36.40
40-44	40	5	0.5	2478000	13355	0.005389	0.026588	0.973412	90483	2406	446399	2908283	32.14
45-49	45	5	0.5	2195000	19084	0.008694	0.042547	0.957453	88077	3747	431016	2461885	27.95
50-54	50	5	0.5	1894000	18823	0.009938	0.048486	0.951514	84329	4089	411425	2030869	24.08
55-59	55	5	0.5	1568000	26066	0.016624	0.079802	0.920198	80241	6403	385195	1619444	20.18
60-64	60	5	0.5	1225000	26197	0.021385	0.101501	0.898499	73837	7495	350450	1234250	16.72
65-69	65	5	0.5	888000	32234	0.0363	0.166399	0.833601	66343	11039	304115	883799.6	13.32
70-74	70	5	0.5	602000	32809	0.0545	0.239824	0.760176	55303	13263	243359	579684.5	10.48
75-79	75	5	0.5	370000	22680	0.061297	0.26576	0.73424	42040	11173	182270	336325.4	8.00
80-85	80	5	0.5	146400	23995	0.163902	0.581313	0.418687	30868	17944	109479	154055.6	4.99
85+	85	0	0.5	73200	21222	0.289924	1	0	12924	12924	44577	44576.78	3.45
All ages				36514600	298876								

GUJARAT

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	549000	13394	0.024398	0.023873	0.976127	100000	2387	97851	7295081	72.95
1-4	1	4	0.5	2140000	2964	0.001385	0.005525	0.994475	97613	539	389372	7197230	73.73
5-9	5	5	0.5	2645000	1522	0.000575	0.002873	0.997127	97073	279	484669	6807858	70.13
10-14	10	5	0.5	2658000	965	0.000363	0.001814	0.998186	96794	176	483533	6323189	65.33
15-19	15	5	0.5	2780000	2459	0.000885	0.004413	0.995587	96619	426	482028	5839656	60.44
20-24	20	5	0.5	2934000	3368	0.001148	0.005724	0.994276	96192	551	479586	5357627	55.70
25-29	25	5	0.5	2870000	3688	0.001285	0.006405	0.993595	95642	613	476678	4878042	51.00
30-34	30	5	0.5	2697000	2850	0.001057	0.005269	0.994731	95029	501	473895	4401364	46.32
35-39	35	5	0.5	2513000	5462	0.002173	0.010808	0.989192	94529	1022	470088	3927469	41.55
40-44	40	5	0.5	2284000	4351	0.001905	0.00948	0.99052	93507	886	465318	3457381	36.97
45-49	45	5	0.5	2053000	6817	0.003321	0.016467	0.983533	92620	1525	459289	2992063	32.30
50-54	50	5	0.5	1807000	10017	0.005543	0.027338	0.972662	91095	2490	449250	2532774	27.80
55-59	55	5	0.5	1524000	12848	0.00843	0.041281	0.958719	88605	3658	433880	2083524	23.51
60-64	60	5	0.5	1210000	16544	0.013673	0.066105	0.933895	84947	5615	410697	1649644	19.42
65-69	65	5	0.5	925000	21002	0.022704	0.107425	0.892575	79332	8522	375353	1238947	15.62
70-74	70	5	0.5	685000	28174	0.04113	0.186475	0.813525	70810	13204	321037	863593.9	12.20
75-79	75	5	0.5	462000	28399	0.061469	0.266407	0.733593	57605	15346	249660	542556.9	9.42
80-85	80	5	0.5	165940	18239	0.109911	0.431098	0.568902	42259	18218	165750	292896.7	6.93
85+	85	0	0.5	132752	25101	0.189081	1	0	24041	24041	127147	127146.9	5.29
All ages				33034692	208165								

HARYANA

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	267000	6344	0.023761	0.023264	0.976736	100000	2326	97906	6652214	66.52
1-4	1	4	0.5	1049000	3444	0.003283	0.013045	0.986955	97674	1274	388146	6554308	67.10
5-9	5	5	0.5	1365000	553	0.000405	0.002024	0.997976	96399	195	481510	6166162	63.96
10-14	10	5	0.5	1332000	777	0.000583	0.002913	0.997087	96204	280	480321	5684652	59.09
15-19	15	5	0.5	1421000	792	0.000557	0.002782	0.997218	95924	267	478954	5204331	54.25
20-24	20	5	0.5	1515000	2630	0.001736	0.008642	0.991358	95657	827	476220	4725377	49.40
25-29	25	5	0.5	1509000	3331	0.002207	0.010976	0.989024	94831	1041	471551	4249158	44.81
30-34	30	5	0.5	1381000	2326	0.001684	0.008386	0.991614	93790	787	466982	3777607	40.28
35-39	35	5	0.5	1184000	3368	0.002845	0.014123	0.985877	93003	1313	461732	3310625	35.60
40-44	40	5	0.5	1000000	4648	0.004648	0.022973	0.977027	91690	2106	453182	2848892	31.07
45-49	45	5	0.5	870000	6733	0.007739	0.037959	0.962041	89583	3400	439415	2395710	26.74
50-54	50	5	0.5	739000	5264	0.007123	0.034994	0.965006	86183	3016	423374	1956295	22.70
55-59	55	5	0.5	593000	9264	0.015623	0.075177	0.924823	83167	6252	400204	1532920	18.43
60-64	60	5	0.5	447000	11291	0.02526	0.118798	0.881202	76915	9137	361730	1132716	14.73
65-69	65	5	0.5	340000	25973	0.076391	0.320707	0.679293	67777	21737	284545	770986.4	11.38
70-74	70	5	0.5	272000	12664	0.046557	0.208517	0.791483	46041	9600	206203	486441.2	10.57
75-79	75	5	0.5	179000	12746	0.071205	0.302226	0.697774	36440	11013	154669	280238.3	7.69
80-85	80	5	0.5	62492	10021	0.160354	0.572332	0.427668	25427	14553	90754	125569.3	4.94
85+	85	0	0.5	31246	9760	0.312344	1	0	10874	10874	34815	34815.39	3.20
All ages				15556738	131928								

HARYANA

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	228000	5343	0.023433	0.022949	0.977051	100000	2295	97935	7193926	71.94
1-4	1	4	0.5	890000	3003	0.003375	0.013408	0.986592	97705	1310	388200	7095991	72.63
5-9	5	5	0.5	1124000	453	0.000403	0.002012	0.997988	96395	194	481490	6707791	69.59
10-14	10	5	0.5	1106000	458	0.000414	0.002069	0.997931	96201	199	480507	6226301	64.72
15-19	15	5	0.5	1184000	683	0.000577	0.002882	0.997118	96002	277	479318	5745793	59.85
20-24	20	5	0.5	1296000	1060	0.000818	0.00408	0.99592	95725	391	477650	5266475	55.02
25-29	25	5	0.5	1283000	1764	0.001375	0.00685	0.99315	95335	653	475041	4788825	50.23
30-34	30	5	0.5	1179000	913	0.000775	0.003866	0.996134	94682	366	472493	4313784	45.56
35-39	35	5	0.5	1060000	1625	0.001533	0.007636	0.992364	94316	720	469778	3841291	40.73
40-44	40	5	0.5	932000	2261	0.002426	0.012056	0.987944	93595	1128	465156	3371513	36.02
45-49	45	5	0.5	824000	2853	0.003462	0.017161	0.982839	92467	1587	458368	2906357	31.43
50-54	50	5	0.5	700000	3665	0.005236	0.025841	0.974159	90880	2348	448530	2447988	26.94
55-59	55	5	0.5	562000	4273	0.007603	0.037307	0.962693	88532	3303	434402	1999458	22.58
60-64	60	5	0.5	438000	6776	0.01547	0.07447	0.92553	85229	6347	410277	1565056	18.36
65-69	65	5	0.5	365000	19016	0.052099	0.230476	0.769524	78882	18180	348959	1154779	14.64
70-74	70	5	0.5	304000	9427	0.031009	0.143892	0.856108	60702	8734	281672	805820.3	13.28
75-79	75	5	0.5	203000	7957	0.039197	0.178495	0.821505	51967	9276	236646	524148.5	10.09
80-85	80	5	0.5	69300	7368	0.106315	0.419956	0.580044	42691	17928	168635	287502.5	6.73
85+	85	0	0.5	41580	8662	0.208323	1	0	24763	24763	118867	118867.2	4.80
All ages				13788880	87560								

HIMACHAL PRADESH

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	49000	862	0.017595	0.01732	0.98268	100000	1732	98441	7227511	72.28
1-4	1	4	0.5	194000	244	0.001258	0.005019	0.994981	98268	493	392085	7129070	72.55
5-9	5	5	0.5	263000	179	0.000682	0.003405	0.996595	97775	333	488042	6736984	68.90
10-14	10	5	0.5	294000	20	6.68E-05	0.000334	0.999666	97442	33	487128	6248943	64.13
15-19	15	5	0.5	315000	6	2E-05	0.0001	0.9999	97409	10	487022	5761815	59.15
20-24	20	5	0.5	334000	648	0.00194	0.009651	0.990349	97400	940	484648	5274793	54.16
25-29	25	5	0.5	335000	597	0.001781	0.008868	0.991132	96460	855	480160	4790145	49.66
30-34	30	5	0.5	317000	355	0.001121	0.00559	0.99441	95604	534	476685	4309985	45.08
35-39	35	5	0.5	290000	716	0.00247	0.012275	0.987725	95070	1167	472432	3833300	40.32
40-44	40	5	0.5	267000	866	0.003243	0.016085	0.983915	93903	1510	465738	3360868	35.79
45-49	45	5	0.5	244000	1210	0.004959	0.024491	0.975509	92392	2263	456305	2895130	31.34
50-54	50	5	0.5	214000	1523	0.007119	0.034972	0.965028	90130	3152	442768	2438825	27.06
55-59	55	5	0.5	181000	2274	0.012562	0.060896	0.939104	86978	5297	421647	1996057	22.95
60-64	60	5	0.5	147000	2150	0.014626	0.070551	0.929449	81681	5763	393998	1574411	19.28
65-69	65	5	0.5	113000	2637	0.02334	0.110266	0.889734	75918	8371	358664	1180412	15.55
70-74	70	5	0.5	82000	2689	0.032795	0.151552	0.848448	67547	10237	312144	821748.1	12.17
75-79	75	5	0.5	54000	3969	0.073499	0.310452	0.689548	57310	17792	242071	509604.5	8.89
80-85	80	5	0.5	30000	3885	0.1295	0.489141	0.510859	39518	19330	149266	267533.3	6.77
85+	85	0	0.5	18750	3201	0.1707	1	0	20188	20188	118267	118267.3	5.86
All ages				3741750	28032								

HIMACHAL PRADESH

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	45000	838	0.018613	0.018306	0.981694	100000	1831	98352	7612814	76.13
1-4	1	4	0.5	177000	310	0.001752	0.006984	0.993016	98169	686	391306	7514462	76.55
5-9	5	5	0.5	236000	179	0.000758	0.003784	0.996216	97484	369	486497	7123156	73.07
10-14	10	5	0.5	262000	6	2.47E-05	0.000124	0.999876	97115	12	485545	6636659	68.34
15-19	15	5	0.5	278000	134	0.000482	0.002409	0.997591	97103	234	484930	6151114	63.35
20-24	20	5	0.5	294000	361	0.001228	0.006122	0.993878	96869	593	482862	5666185	58.49
25-29	25	5	0.5	303000	346	0.001143	0.005699	0.994301	96276	549	480008	5183323	53.84
30-34	30	5	0.5	307000	188	0.000612	0.003056	0.996944	95727	292	477905	4703315	49.13
35-39	35	5	0.5	295000	422	0.00143	0.007125	0.992875	95435	680	475473	4225411	44.28
40-44	40	5	0.5	274000	354	0.001292	0.006437	0.993563	94755	610	472249	3749937	39.58
45-49	45	5	0.5	251000	342	0.001363	0.006791	0.993209	94145	639	469125	3277689	34.82
50-54	50	5	0.5	221000	1107	0.005009	0.024736	0.975264	93505	2313	461745	2808563	30.04
55-59	55	5	0.5	188000	1067	0.005674	0.027974	0.972026	91192	2551	449585	2346819	25.73
60-64	60	5	0.5	155000	1806	0.01165	0.056604	0.943396	88641	5017	430663	1897234	21.40
65-69	65	5	0.5	122000	1997	0.016367	0.078618	0.921382	83624	6574	401684	1466571	17.54
70-74	70	5	0.5	93000	2043	0.021968	0.104121	0.895879	77050	8022	365192	1064887	13.82
75-79	75	5	0.5	65000	2824	0.043441	0.195926	0.804074	69027	13524	311325	699695.5	10.14
80-85	80	5	0.5	36440	3617	0.099265	0.397643	0.602357	55503	22070	222339	388370.6	7.00
85+	85	0	0.5	25508	5136	0.201362	1	0	33433	33433	166032	166032	4.97
All ages				3627948	23077								

JAMMU & KASHMIR

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	88000	2525	0.028695	0.027973	0.972027	100000	2797	97482	7216017	72.16
1-4	1	4	0.5	346000	104	0.0003	0.001199	0.998801	97203	117	388578	7118535	73.23
5-9	5	5	0.5	469000	188	0.0004	0.001998	0.998002	97086	194	484946	6729957	69.32
10-14	10	5	0.5	765000	306	0.0004	0.001998	0.998002	96892	194	483977	6245011	64.45
15-19	15	5	0.5	732000	293	0.0004	0.001998	0.998002	96699	193	483010	5761034	59.58
20-24	20	5	0.5	698000	349	0.0005	0.002497	0.997503	96505	241	481925	5278024	54.69
25-29	25	5	0.5	634000	507	0.0008	0.003992	0.996008	96264	384	480361	4796100	49.82
30-34	30	5	0.5	581000	988	0.0017	0.008464	0.991536	95880	812	477372	4315738	45.01
35-39	35	5	0.5	538000	1076	0.002	0.00995	0.99005	95069	946	472978	3838366	40.37
40-44	40	5	0.5	478000	2247	0.0047	0.023227	0.976773	94123	2186	465148	3365388	35.76
45-49	45	5	0.5	417000	2502	0.006	0.029557	0.970443	91936	2717	452889	2900240	31.55
50-54	50	5	0.5	357000	2999	0.0084	0.041136	0.958864	89219	3670	436920	2447351	27.43
55-59	55	5	0.5	289000	3584	0.0124	0.060136	0.939864	85549	5145	414884	2010431	23.50
60-64	60	5	0.5	218000	4709	0.0216	0.102467	0.897533	80404	8239	381425	1595547	19.84
65-69	65	5	0.5	160000	3920	0.0245	0.11543	0.88457	72166	8330	340003	1214122	16.82
70-74	70	5	0.5	116000	4273	0.036839	0.168661	0.831339	63836	10767	292262	874118.9	13.69
75-79	75	5	0.5	74000	4374	0.059115	0.257516	0.742484	53069	13666	231180	581857.4	10.96
80-85	80	5	0.5	42180	3964	0.093979	0.380498	0.619502	39403	14993	159533	350677.5	8.90
85+	85	0	0.5	35150	4489	0.127705	1	0	24410	24410	191145	191144.9	7.83
All ages				7037330	43396								

JAMMU & KASHMIR

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	82000	1757	0.021428	0.021022	0.978978	100000	2102	98108	7570341	75.70
1-4	1	4	0.5	323000	168	0.00052	0.002076	0.997924	97898	203	391185	7472233	76.33
5-9	5	5	0.5	436000	218	0.0005	0.002497	0.997503	97695	244	487863	7081048	72.48
10-14	10	5	0.5	657000	263	0.0004	0.001998	0.998002	97451	195	486766	6593185	67.66
15-19	15	5	0.5	646000	258	0.0004	0.001998	0.998002	97256	194	485794	6106419	62.79
20-24	20	5	0.5	628000	188	0.0003	0.001499	0.998501	97062	145	484944	5620625	57.91
25-29	25	5	0.5	584000	292	0.0005	0.002497	0.997503	96916	242	483975	5135681	52.99
30-34	30	5	0.5	536000	429	0.0008	0.003992	0.996008	96674	386	482406	4651706	48.12
35-39	35	5	0.5	482000	482	0.001	0.004988	0.995012	96288	480	480240	4169300	43.30
40-44	40	5	0.5	425000	935	0.0022	0.01094	0.98906	95808	1048	476419	3689060	38.50
45-49	45	5	0.5	373000	1492	0.004	0.019802	0.980198	94760	1876	469108	3212640	33.90
50-54	50	5	0.5	317000	2156	0.0068	0.033432	0.966568	92883	3105	456654	2743532	29.54
55-59	55	5	0.5	258000	2761	0.0107	0.052106	0.947894	89778	4678	437196	2286879	25.47
60-64	60	5	0.5	199000	2647	0.0133	0.06436	0.93564	85100	5477	411808	1849683	21.74
65-69	65	5	0.5	153000	3410	0.022286	0.105549	0.894451	79623	8404	377105	1437875	18.06
70-74	70	5	0.5	117000	2991	0.025563	0.120138	0.879862	71219	8556	334705	1060770	14.89
75-79	75	5	0.5	81000	3536	0.043659	0.196811	0.803189	62663	12333	282483	726064.9	11.59
80-85	80	5	0.5	31890	3673	0.115189	0.447171	0.552829	50330	22506	195385	443582.3	8.81
85+	85	0	0.5	31890	3575	0.112104	1	0	27824	27824	248197	248197.2	8.92
All ages				6360780	31231								

JHARKHAND

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	388000	16502	0.042531	0.040963	0.959037	100000	4096	96313	6826071	68.26
1-4	1	4	0.5	1519000	3599	0.002369	0.009432	0.990568	95904	905	381806	6729758	70.17
5-9	5	5	0.5	1891000	378	0.0002	0.001	0.999	94999	95	474758	6347952	66.82
10-14	10	5	0.5	2003000	801	0.0004	0.001998	0.998002	94904	190	474047	5873194	61.89
15-19	15	5	0.5	2034000	1748	0.000859	0.004288	0.995712	94715	406	472558	5399147	57.00
20-24	20	5	0.5	1992000	1596	0.000801	0.003998	0.996002	94308	377	470600	4926589	52.24
25-29	25	5	0.5	1718000	2924	0.001702	0.008474	0.991526	93931	796	467667	4455989	47.44
30-34	30	5	0.5	1454000	3344	0.0023	0.011434	0.988566	93135	1065	463015	3988322	42.82
35-39	35	5	0.5	1292000	2455	0.0019	0.009455	0.990545	92071	871	458176	3525307	38.29
40-44	40	5	0.5	1158000	3937	0.0034	0.016857	0.983143	91200	1537	452157	3067130	33.63
45-49	45	5	0.5	1028000	5860	0.0057	0.0281	0.9719	89663	2519	442015	2614974	29.16
50-54	50	5	0.5	883000	6534	0.0074	0.036328	0.963672	87143	3166	427802	2172959	24.94
55-59	55	5	0.5	721000	9301	0.0129	0.062485	0.937515	83977	5247	406769	1745157	20.78
60-64	60	5	0.5	553000	10894	0.0197	0.093877	0.906123	78730	7391	375173	1338388	17.00
65-69	65	5	0.5	421000	15992	0.037986	0.173458	0.826542	71339	12374	325760	963214.5	13.50
70-74	70	5	0.5	319000	14897	0.0467	0.209089	0.790911	58965	12329	264002	637454.4	10.81
75-79	75	5	0.5	208000	18387	0.0884	0.361998	0.638002	46636	16882	190974	373452.4	8.01
80-85	80	5	0.5	59103	6531	0.1105	0.432909	0.567091	29754	12881	116567	182478	6.13
85+	85	0	0.5	19701	5043	0.256	1	0	16873	16873	65911	65910.63	3.91
All ages				19660804	130724								

JHARKHAND

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	359000	11996	0.033415	0.032439	0.967561	100000	3244	97080	6928877	69.29
1-4	1	4	0.5	1395000	3467	0.002485	0.009891	0.990109	96756	957	385110	6831796	70.61
5-9	5	5	0.5	1718000	1031	0.0006	0.002996	0.997004	95799	287	478278	6446686	67.29
10-14	10	5	0.5	1939000	776	0.0004	0.001998	0.998002	95512	191	477083	5968408	62.49
15-19	15	5	0.5	1952000	1757	0.0009	0.00449	0.99551	95321	428	475536	5491325	57.61
20-24	20	5	0.5	1881000	1881	0.001	0.004988	0.995012	94893	473	473283	5015789	52.86
25-29	25	5	0.5	1593000	1752	0.0011	0.005485	0.994515	94420	518	470805	4542505	48.11
30-34	30	5	0.5	1387000	1942	0.0014	0.006976	0.993024	93902	655	467873	4071700	43.36
35-39	35	5	0.5	1271000	2415	0.0019	0.009455	0.990545	93247	882	464031	3603827	38.65
40-44	40	5	0.5	1134000	4536	0.004	0.019802	0.980198	92365	1829	457255	3139796	33.99
45-49	45	5	0.5	994000	3877	0.0039	0.019312	0.980688	90536	1748	448311	2682541	29.63
50-54	50	5	0.5	840000	6552	0.0078	0.038254	0.961746	88788	3396	435449	2234230	25.16
55-59	55	5	0.5	678000	9424	0.0139	0.067166	0.932834	85391	5735	412619	1798782	21.07
60-64	60	5	0.5	533000	12685	0.0238	0.112317	0.887683	79656	8947	375914	1386163	17.40
65-69	65	5	0.5	431000	14525	0.0337	0.155407	0.844593	70709	10989	326075	1010249	14.29
70-74	70	5	0.5	331000	14829	0.0448	0.201439	0.798561	59721	12030	268528	684174.3	11.46
75-79	75	5	0.5	213000	15993	0.075087	0.316097	0.683903	47691	15075	200766	415646.3	8.72
80-85	80	5	0.5	56310	6913	0.122767	0.469681	0.530319	32616	15319	124781	214880.6	6.59
85+	85	0	0.5	37540	7207	0.191974	1	0	17297	17297	90099	90099.38	5.21
All ages				18742850	123557								

KARNATAKA

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	491000	10339	0.021057	0.020665	0.979335	100000	2067	98140	6636639	66.37
1-4	1	4	0.5	1934000	2719	0.001406	0.005608	0.994392	97933	549	390635	6538499	66.76
5-9	5	5	0.5	2625000	1879	0.000716	0.003572	0.996428	97384	348	486052	6147863	63.13
10-14	10	5	0.5	2599000	1725	0.000664	0.003313	0.996687	97036	322	484378	5661812	58.35
15-19	15	5	0.5	2763000	1719	0.000622	0.003107	0.996893	96715	300	482823	5177434	53.53
20-24	20	5	0.5	2956000	6601	0.002233	0.011103	0.988897	96414	1070	479396	4694611	48.69
25-29	25	5	0.5	3063000	7341	0.002397	0.011912	0.988088	95344	1136	473880	4215215	44.21
30-34	30	5	0.5	3022000	10354	0.003426	0.016985	0.983015	94208	1600	467040	3741335	39.71
35-39	35	5	0.5	2766000	12125	0.004384	0.021681	0.978319	92608	2008	458020	3274295	35.36
40-44	40	5	0.5	2417000	17307	0.00716	0.035172	0.964828	90600	3187	445034	2816274	31.08
45-49	45	5	0.5	2152000	22366	0.010393	0.050649	0.949351	87414	4427	425999	2371240	27.13
50-54	50	5	0.5	1891000	21109	0.011163	0.0543	0.9457	82986	4506	403665	1945241	23.44
55-59	55	5	0.5	1581000	21343	0.0135	0.065296	0.934704	78480	5124	379589	1541575	19.64
60-64	60	5	0.5	1225000	34224	0.027938	0.130569	0.869431	73356	9578	342833	1161986	15.84
65-69	65	5	0.5	914000	37905	0.041472	0.18788	0.81212	63778	11983	288932	819153.1	12.84
70-74	70	5	0.5	688000	33637	0.04889	0.217828	0.782172	51795	11282	230770	530221.1	10.24
75-79	75	5	0.5	450000	32310	0.0718	0.304366	0.695634	40513	12331	171737	299451.6	7.39
80-85	80	5	0.5	135644	26002	0.191691	0.647942	0.352058	28182	18260	95259	127714.9	4.53
85+	85	0	0.5	67822	20733	0.3057	1	0	9922	9922	32456	32455.64	3.27
All ages				33740466	321738								

KARNATAKA

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	453000	10517	0.023216	0.022741	0.977259	100000	2274	97953	7167054	71.67
1-4	1	4	0.5	1782000	3338	0.001873	0.007466	0.992534	97726	730	389445	7069101	72.34
5-9	5	5	0.5	2398000	740	0.000309	0.001542	0.998458	96996	150	484608	6679656	68.87
10-14	10	5	0.5	2471000	2248	0.00091	0.004538	0.995462	96847	440	483135	6195048	63.97
15-19	15	5	0.5	2592000	1087	0.000419	0.002094	0.997906	96407	202	481532	5711913	59.25
20-24	20	5	0.5	2751000	3919	0.001425	0.007098	0.992902	96205	683	479320	5230381	54.37
25-29	25	5	0.5	2833000	3674	0.001297	0.006463	0.993537	95522	617	476069	4751062	49.74
30-34	30	5	0.5	2865000	3674	0.001282	0.006391	0.993609	94905	607	473009	4274993	45.04
35-39	35	5	0.5	2725000	4626	0.001697	0.008451	0.991549	94299	797	469500	3801984	40.32
40-44	40	5	0.5	2436000	6611	0.002714	0.013479	0.986521	93502	1260	464357	3332483	35.64
45-49	45	5	0.5	2180000	7959	0.003651	0.01809	0.98191	92241	1669	457035	2868126	31.09
50-54	50	5	0.5	1880000	11894	0.006326	0.03114	0.96886	90573	2820	445812	2411092	26.62
55-59	55	5	0.5	1561000	12061	0.007726	0.037899	0.962101	87752	3326	430447	1965279	22.40
60-64	60	5	0.5	1238000	19002	0.015349	0.073911	0.926089	84427	6240	406533	1534832	18.18
65-69	65	5	0.5	970000	24150	0.024897	0.11719	0.88281	78187	9163	368026	1128300	14.43
70-74	70	5	0.5	779000	38405	0.0493	0.219452	0.780548	69024	15147	307250	760274.1	11.01
75-79	75	5	0.5	535000	36862	0.0689	0.293879	0.706121	53876	15833	229799	453023.6	8.41
80-85	80	5	0.5	164670	21564	0.130953	0.493275	0.506725	38043	18766	143302	223224.7	5.87
85+	85	0	0.5	65868	15887	0.2412	1	0	19277	19277	79923	79923.03	4.15
All ages				32679538	228218								

KERALA

Estimated abridged life table for 2019

MALES

Age	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	237000	2163	0.009125	0.00905	0.99095	100000	905	99185	7220167	72.20
1-4	1	4	0.5	944000	500	0.00053	0.002116	0.997884	99095	210	395960	7120982	71.86
5-9	5	5	0.5	1234000	129	0.000104	0.000521	0.999479	98885	51	494298	6725021	68.01
10-14	10	5	0.5	1283000	437	0.000341	0.001703	0.998297	98834	168	493748	6230724	63.04
15-19	15	5	0.5	1316000	1122	0.000852	0.004253	0.995747	98665	420	492278	5736976	58.15
20-24	20	5	0.5	1363000	1252	0.000918	0.004582	0.995418	98246	450	490104	5244698	53.38
25-29	25	5	0.5	1329000	1990	0.001498	0.00746	0.99254	97796	730	487155	4754594	48.62
30-34	30	5	0.5	1261000	1327	0.001052	0.005247	0.994753	97066	509	484058	4267439	43.96
35-39	35	5	0.5	1186000	2227	0.001878	0.009346	0.990654	96557	902	480528	3783382	39.18
40-44	40	5	0.5	1127000	4099	0.003637	0.018024	0.981976	95654	1724	473962	3302853	34.53
45-49	45	5	0.5	1102000	5729	0.005199	0.025662	0.974338	93930	2410	463626	2828891	30.12
50-54	50	5	0.5	1067000	9173	0.008597	0.042082	0.957918	91520	3851	447972	2365265	25.84
55-59	55	5	0.5	983000	10410	0.01059	0.051584	0.948416	87669	4522	427038	1917293	21.87
60-64	60	5	0.5	849000	17875	0.021054	0.100005	0.899995	83146	8315	394944	1490256	17.92
65-69	65	5	0.5	696000	20099	0.028878	0.134669	0.865331	74831	10077	348963	1095312	14.64
70-74	70	5	0.5	505000	19004	0.037632	0.171978	0.828022	64754	11136	295929	746348.4	11.53
75-79	75	5	0.5	305000	17592	0.057678	0.252047	0.747953	53618	13514	234303	450419.5	8.40
80-85	80	5	0.5	119301	15601	0.130769	0.492754	0.507246	40103	19761	151115	216116.7	5.39
85+	85	0	0.5	68172	21334	0.312949	1	0	20342	20342	65002	65002.15	3.20
All ages				16974473	152063								

KERALA

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	227000	1686	0.007426	0.007376	0.992624	100000	738	99336	7829671	78.30
1-4	1	4	0.5	907000	395	0.000436	0.001741	0.998259	99262	173	396704	7730335	77.88
5-9	5	5	0.5	1182000	182	0.000154	0.00077	0.99923	99090	76	495257	7333632	74.01
10-14	10	5	0.5	1233000	201	0.000163	0.000817	0.999183	99013	81	494864	6838375	69.07
15-19	15	5	0.5	1255000	159	0.000127	0.000633	0.999367	98932	63	494505	6343511	64.12
20-24	20	5	0.5	1284000	807	0.000628	0.003136	0.996864	98870	310	493574	5849005	59.16
25-29	25	5	0.5	1292000	282	0.000218	0.001089	0.998911	98560	107	492530	5355432	54.34
30-34	30	5	0.5	1337000	985	0.000737	0.003678	0.996322	98452	362	491356	4862902	49.39
35-39	35	5	0.5	1358000	1259	0.000927	0.004626	0.995374	98090	454	489316	4371546	44.57
40-44	40	5	0.5	1352000	1363	0.001008	0.005027	0.994973	97636	491	486955	3882229	39.76
45-49	45	5	0.5	1343000	2694	0.002006	0.009981	0.990019	97146	970	483304	3395274	34.95
50-54	50	5	0.5	1282000	3893	0.003037	0.015069	0.984931	96176	1449	477257	2911970	30.28
55-59	55	5	0.5	1153000	6016	0.005218	0.025755	0.974245	94727	2440	467534	2434714	25.70
60-64	60	5	0.5	974000	8131	0.008349	0.040889	0.959111	92287	3774	452001	1967179	21.32
65-69	65	5	0.5	795000	11999	0.015093	0.072723	0.927277	88514	6437	426475	1515178	17.12
70-74	70	5	0.5	617000	12795	0.020738	0.098577	0.901423	82077	8091	390156	1088702	13.26
75-79	75	5	0.5	424000	17766	0.041901	0.189639	0.810361	73986	14031	334852	698546.7	9.44
80-85	80	5	0.5	184470	18946	0.102706	0.408613	0.591387	59955	24498	238530	363694.5	6.07
85+	85	0	0.5	129129	36580	0.28328	1	0	35457	35457	125165	125164.9	3.53
All ages				18328599	126140								

MAHARASHTRA

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	905000	15439	0.017059	0.016802	0.983198	100000	1680	98488	7147531	71.48
1-4	1	4	0.5	3593000	3845	0.00107	0.004272	0.995728	98320	420	392439	7049043	71.70
5-9	5	5	0.5	4726000	1671	0.000354	0.001767	0.998233	97900	173	489067	6656603	67.99
10-14	10	5	0.5	5124000	3669	0.000716	0.003574	0.996426	97727	349	487761	6167536	63.11
15-19	15	5	0.5	5424000	5356	0.000987	0.004925	0.995075	97378	480	485689	5679775	58.33
20-24	20	5	0.5	5813000	6312	0.001086	0.005415	0.994585	96898	525	483179	5194086	53.60
25-29	25	5	0.5	5953000	8532	0.001433	0.007141	0.992859	96373	688	480147	4710907	48.88
30-34	30	5	0.5	5778000	13775	0.002384	0.01185	0.98815	95685	1134	475591	4230760	44.22
35-39	35	5	0.5	5259000	12690	0.002413	0.011993	0.988007	94551	1134	469922	3755169	39.72
40-44	40	5	0.5	4592000	15662	0.003411	0.01691	0.98309	93417	1580	463138	3285247	35.17
45-49	45	5	0.5	4077000	18603	0.004563	0.022557	0.977443	91838	2072	454010	2822109	30.73
50-54	50	5	0.5	3546000	28074	0.007917	0.038818	0.961182	89766	3485	440119	2368099	26.38
55-59	55	5	0.5	2913000	30612	0.010509	0.051198	0.948802	86282	4417	420365	1927980	22.35
60-64	60	5	0.5	2275000	47996	0.021097	0.1002	0.8998	81864	8203	388814	1507615	18.42
65-69	65	5	0.5	1710000	56443	0.033008	0.152458	0.847542	73661	11230	340231	1118801	15.19
70-74	70	5	0.5	1290000	54955	0.0426	0.192501	0.807499	62431	12018	282111	778569.9	12.47
75-79	75	5	0.5	910000	51371	0.056452	0.247352	0.752648	50413	12470	220891	496459.3	9.85
80-85	80	5	0.5	323510	42514	0.131416	0.494587	0.505413	37943	18766	142801	275568.3	7.26
85+	85	0	0.5	194106	28037	0.144441	1	0	19177	19177	132767	132767.3	6.92
All ages				64405616	445557								

MAHARASHTRA

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	795000	14906	0.01875	0.018439	0.981561	100000	1844	98340	7456178	74.56
1-4	1	4	0.5	3151000	3719	0.00118	0.004711	0.995289	98156	462	391700	7357837	74.96
5-9	5	5	0.5	4076000	980	0.00024	0.001201	0.998799	97694	117	488175	6966138	71.31
10-14	10	5	0.5	4569000	2739	0.0006	0.002993	0.997007	97576	292	487152	6477963	66.39
15-19	15	5	0.5	4818000	5030	0.001044	0.005206	0.994794	97284	507	485155	5990811	61.58
20-24	20	5	0.5	5200000	4647	0.000894	0.004459	0.995541	96778	431	482810	5505655	56.89
25-29	25	5	0.5	5252000	11677	0.002223	0.011056	0.988944	96346	1065	479069	5022845	52.13
30-34	30	5	0.5	5116000	8889	0.001738	0.00865	0.99135	95281	824	474345	4543776	47.69
35-39	35	5	0.5	4808000	5923	0.001232	0.00614	0.99386	94457	580	470835	4069431	43.08
40-44	40	5	0.5	4326000	10672	0.002467	0.012259	0.987741	93877	1151	466508	3598596	38.33
45-49	45	5	0.5	3894000	15291	0.003927	0.019443	0.980557	92726	1803	459123	3132089	33.78
50-54	50	5	0.5	3386000	18137	0.005356	0.026429	0.973571	90923	2403	448608	2672966	29.40
55-59	55	5	0.5	2795000	21154	0.007569	0.037141	0.962859	88520	3288	434382	2224357	25.13
60-64	60	5	0.5	2215000	30828	0.013918	0.067249	0.932751	85233	5732	411833	1789975	21.00
65-69	65	5	0.5	1777000	46735	0.0263	0.123387	0.876613	79501	9809	372980	1378142	17.33
70-74	70	5	0.5	1484000	43333	0.0292	0.136067	0.863933	69691	9483	324750	1005162	14.42
75-79	75	5	0.5	1098000	53912	0.0491	0.21866	0.78134	60209	13165	268130	680412.3	11.30
80-85	80	5	0.5	298675	24073	0.0806	0.335414	0.664586	47043	15779	195770	412282.1	8.76
85+	85	0	0.5	238940	34503	0.1444	1	0	31264	31264	216513	216512.5	6.93
All ages				59297615	357150								

MANIPUR

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	28108	627	0.022305	0.021866	0.978134	100000	2187	98032	6654085	66.54
1-4	1	4	0.5	111355	233	0.00209	0.008327	0.991673	97813	815	389625	6556053	67.03
5-9	5	5	0.5	142597	93	0.000655	0.003271	0.996729	96999	317	484201	6166428	63.57
10-14	10	5	0.5	156700	92	0.000588	0.002936	0.997064	96682	284	482698	5682227	58.77
15-19	15	5	0.5	153566	225	0.001466	0.007303	0.992697	96398	704	480228	5199529	53.94
20-24	20	5	0.5	158267	334	0.002111	0.010497	0.989503	95694	1005	475957	4719301	49.32
25-29	25	5	0.5	148865	330	0.002219	0.011033	0.988967	94689	1045	470834	4243344	44.81
30-34	30	5	0.5	136329	361	0.002649	0.013158	0.986842	93644	1232	465142	3772510	40.29
35-39	35	5	0.5	115958	410	0.003534	0.017515	0.982485	92412	1619	458015	3307368	35.79
40-44	40	5	0.5	103422	529	0.005117	0.025262	0.974738	90794	2294	448234	2849353	31.38
45-49	45	5	0.5	86185	660	0.007656	0.037561	0.962439	88500	3324	434190	2401118	27.13
50-54	50	5	0.5	67381	783	0.01162	0.056459	0.943541	85176	4809	413857	1966928	23.09
55-59	55	5	0.5	51711	908	0.017561	0.084112	0.915888	80367	6760	384935	1553071	19.32
60-64	60	5	0.5	39175	1040	0.026539	0.124439	0.875561	73607	9160	345136	1168136	15.87
65-69	65	5	0.5	28206	1123	0.039809	0.181028	0.818972	64447	11667	293070	822999.6	12.77
70-74	70	5	0.5	18804	1145	0.060867	0.264142	0.735858	52781	13942	229049	529929.2	10.04
75-79	75	5	0.5	10969	1017	0.092752	0.376465	0.623535	38839	14622	157642	300879.8	7.75
80-85	80	5	0.5	6268	895	0.142745	0.526011	0.473989	24218	12739	89241	143238.3	5.91
85+	85	0	0.5	3134	666	0.212581	1	0	11479	11479	53997	53997.39	4.70
All ages				1567000	11471								

MANIPUR

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	26387	580	0.021978	0.021552	0.978448	100000	2155	98060	7279564	72.80
1-4	1	4	0.5	104505	227	0.002173	0.008655	0.991345	97845	847	389686	7181503	73.40
5-9	5	5	0.5	135458	72	0.000533	0.00266	0.99734	96998	258	484345	6791818	70.02
10-14	10	5	0.5	147634	62	0.000418	0.002087	0.997913	96740	202	483195	6307472	65.20
15-19	15	5	0.5	153722	106	0.000691	0.00345	0.99655	96538	333	481858	5824277	60.33
20-24	20	5	0.5	175030	149	0.000853	0.004255	0.995745	96205	409	480002	5342420	55.53
25-29	25	5	0.5	158288	158	0.000996	0.004967	0.995033	95796	476	477789	4862418	50.76
30-34	30	5	0.5	138502	178	0.001286	0.006407	0.993593	95320	611	475072	4384629	46.00
35-39	35	5	0.5	112628	203	0.0018	0.008959	0.991041	94709	849	471424	3909557	41.28
40-44	40	5	0.5	92842	243	0.002621	0.01302	0.98698	93861	1222	466248	3438133	36.63
45-49	45	5	0.5	74578	292	0.003911	0.019367	0.980633	92639	1794	458707	2971885	32.08
50-54	50	5	0.5	56314	330	0.005865	0.028901	0.971099	90844	2625	447658	2513178	27.66
55-59	55	5	0.5	53270	472	0.008854	0.043313	0.956687	88219	3821	431542	2065520	23.41
60-64	60	5	0.5	35006	484	0.01383	0.06684	0.93316	84398	5641	407886	1633978	19.36
65-69	65	5	0.5	24352	553	0.022714	0.107469	0.892531	78757	8464	372624	1226092	15.57
70-74	70	5	0.5	15220	594	0.039041	0.177848	0.822152	70293	12501	320210	853468.2	12.14
75-79	75	5	0.5	10654	715	0.067067	0.287182	0.712818	57791	16597	247465	533257.9	9.23
80-85	80	5	0.5	4566	519	0.113732	0.442769	0.557231	41195	18240	160374	285792.6	6.94
85+	85	0	0.5	3044	557	0.183027	1	0	22955	22955	125418	125418.4	5.46
All ages				1522000	6494								

MEGHALAYA

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	29148	920	0.031568	0.030696	0.969304	100000	3070	97237	6464700	64.65
1-4	1	4	0.5	115477	278	0.002411	0.009598	0.990402	96930	930	385861	6367463	65.69
5-9	5	5	0.5	147875	212	0.001431	0.007131	0.992869	96000	685	478289	5981602	62.31
10-14	10	5	0.5	162500	259	0.001592	0.007928	0.992072	95315	756	474688	5503313	57.74
15-19	15	5	0.5	159250	257	0.001616	0.008048	0.991952	94560	761	470896	5028625	53.18
20-24	20	5	0.5	164125	315	0.001916	0.009537	0.990463	93799	895	466758	4557728	48.59
25-29	25	5	0.5	154375	461	0.002987	0.014823	0.985177	92904	1377	461078	4090971	44.03
30-34	30	5	0.5	141375	564	0.003986	0.019734	0.980266	91527	1806	453120	3629892	39.66
35-39	35	5	0.5	120250	642	0.005339	0.026342	0.973658	89721	2363	442696	3176772	35.41
40-44	40	5	0.5	107250	785	0.007316	0.035923	0.964077	87357	3138	428942	2734077	31.30
45-49	45	5	0.5	89375	752	0.008409	0.041179	0.958821	84219	3468	412426	2305135	27.37
50-54	50	5	0.5	69875	919	0.013146	0.063637	0.936363	80751	5139	390909	1892708	23.44
55-59	55	5	0.5	53625	708	0.013198	0.06388	0.93612	75613	4830	365987	1501799	19.86
60-64	60	5	0.5	40625	865	0.021292	0.10108	0.89892	70782	7155	336025	1135811	16.05
65-69	65	5	0.5	29250	1201	0.04105	0.186145	0.813855	63628	11844	288529	799786.1	12.57
70-74	70	5	0.5	19500	1222	0.062675	0.270925	0.729075	51784	14030	223845	511257.4	9.87
75-79	75	5	0.5	11375	1084	0.095317	0.384871	0.615129	37754	14531	152445	287412.4	7.61
80-85	80	5	0.5	6500	949	0.14601	0.534826	0.465174	23224	12421	85067	134967.4	5.81
85+	85	0	0.5	3250	704	0.216493	1	0	10803	10803	49900	49900.44	4.62
All ages				1625000	13095								

MEGHALAYA

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	27999	911	0.032535	0.03161	0.96839	100000	3161	97155	7029193	70.29
1-4	1	4	0.5	110891	244	0.002202	0.00877	0.99123	96839	849	385658	6932038	71.58
5-9	5	5	0.5	143735	152	0.001057	0.005272	0.994728	95990	506	478684	6546380	68.20
10-14	10	5	0.5	156655	186	0.001186	0.00591	0.99409	95484	564	476008	6067697	63.55
15-19	15	5	0.5	163115	188	0.001154	0.005752	0.994248	94919	546	473232	5591689	58.91
20-24	20	5	0.5	185725	230	0.001238	0.006173	0.993827	94373	583	470411	5118457	54.24
25-29	25	5	0.5	167960	243	0.001448	0.007214	0.992786	93791	677	467263	4648046	49.56
30-34	30	5	0.5	146965	297	0.002023	0.010063	0.989937	93114	937	463229	4180784	44.90
35-39	35	5	0.5	119510	304	0.002547	0.012654	0.987346	92177	1166	457970	3717555	40.33
40-44	40	5	0.5	98515	372	0.003776	0.018705	0.981295	91011	1702	450798	3259585	35.82
45-49	45	5	0.5	79135	379	0.004786	0.023645	0.976355	89308	2112	441263	2808786	31.45
50-54	50	5	0.5	59755	463	0.007746	0.037995	0.962005	87197	3313	427701	2367523	27.15
55-59	55	5	0.5	56525	392	0.006941	0.034114	0.965886	83884	2862	412265	1939822	23.13
60-64	60	5	0.5	37145	480	0.01291	0.062532	0.937468	81022	5066	392444	1527557	18.85
65-69	65	5	0.5	25840	658	0.025468	0.119718	0.880282	75956	9093	357045	1135113	14.94
70-74	70	5	0.5	16150	697	0.043167	0.194813	0.805187	66862	13026	301748	778067.9	11.64
75-79	75	5	0.5	11305	822	0.072747	0.307762	0.692238	53837	16569	227761	476320.3	8.85
80-85	80	5	0.5	4845	583	0.12042	0.46278	0.53722	37268	17247	143222	248559	6.67
85+	85	0	0.5	3230	614	0.190067	1	0	20021	20021	105337	105336.9	5.26
All ages				1615000	8216								

MIZORAM

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	10852	181	0.016655	0.016409	0.983591	100000	1641	98523	6618836	66.19
1-4	1	4	0.5	42993	84	0.001957	0.007797	0.992203	98359	767	391903	6520313	66.29
5-9	5	5	0.5	55055	31	0.000557	0.002783	0.997217	97592	272	487282	6128410	62.80
10-14	10	5	0.5	60500	38	0.00062	0.003095	0.996905	97321	301	485850	5641128	57.96
15-19	15	5	0.5	59290	79	0.001325	0.006601	0.993399	97019	640	483496	5155278	53.14
20-24	20	5	0.5	61105	96	0.001571	0.007823	0.992177	96379	754	480010	4671783	48.47
25-29	25	5	0.5	57475	192	0.003345	0.016588	0.983412	95625	1586	474159	4191773	43.84
30-34	30	5	0.5	52635	235	0.004465	0.022077	0.977923	94039	2076	465003	3717614	39.53
35-39	35	5	0.5	44770	292	0.006523	0.03209	0.96791	91963	2951	452436	3252611	35.37
40-44	40	5	0.5	39930	357	0.008938	0.043715	0.956285	89012	3891	435330	2800175	31.46
45-49	45	5	0.5	33275	285	0.008559	0.041897	0.958103	85120	3566	416687	2364845	27.78
50-54	50	5	0.5	26015	348	0.01338	0.064735	0.935265	81554	5279	394572	1948159	23.89
55-59	55	5	0.5	19965	285	0.014265	0.068867	0.931133	76275	5253	368242	1553586	20.37
60-64	60	5	0.5	15125	348	0.023014	0.108808	0.891192	71022	7728	335790	1185344	16.69
65-69	65	5	0.5	10890	366	0.033567	0.154841	0.845159	63294	9801	291970	849554	13.42
70-74	70	5	0.5	7260	354	0.048756	0.217294	0.782706	53494	11624	238409	557584.4	10.42
75-79	75	5	0.5	4235	406	0.09591	0.386804	0.613196	41870	16195	168861	319175.6	7.62
80-85	80	5	0.5	2420	351	0.145216	0.532691	0.467309	25674	13677	94181	150315	5.85
85+	85	0	0.5	1210	259	0.213736	1	0	11998	11998	56134	56134.22	4.68
All ages				605000	4585								

MIZORAM

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	10281	197	0.019161	0.018836	0.981164	100000	1884	98305	7273498	72.73
1-4	1	4	0.5	40717	54	0.001324	0.005281	0.994719	98116	518	391429	7175194	73.13
5-9	5	5	0.5	52777	21	0.000394	0.001967	0.998033	97598	192	487511	6783765	69.51
10-14	10	5	0.5	57521	25	0.000442	0.002205	0.997795	97406	215	486494	6296254	64.64
15-19	15	5	0.5	59893	46	0.000769	0.00384	0.99616	97191	373	485024	5809760	59.78
20-24	20	5	0.5	68195	56	0.000826	0.004121	0.995879	96818	399	483094	5324736	55.00
25-29	25	5	0.5	61672	86	0.001399	0.006971	0.993029	96419	672	480416	4841642	50.21
30-34	30	5	0.5	53963	105	0.001954	0.009724	0.990276	95747	931	476408	4361226	45.55
35-39	35	5	0.5	43882	109	0.002491	0.01238	0.98762	94816	1174	471146	3884818	40.97
40-44	40	5	0.5	36173	134	0.003694	0.018301	0.981699	93642	1714	463927	3413673	36.45
45-49	45	5	0.5	29057	110	0.003794	0.01879	0.98121	91928	1727	455324	2949746	32.09
50-54	50	5	0.5	21941	135	0.00614	0.030238	0.969762	90201	2728	444187	2494422	27.65
55-59	55	5	0.5	20755	131	0.006304	0.031029	0.968971	87474	2714	430583	2050235	23.44
60-64	60	5	0.5	13639	171	0.01255	0.060841	0.939159	84759	5157	410905	1619653	19.11
65-69	65	5	0.5	9488	181	0.019046	0.090901	0.909099	79603	7236	379923	1208748	15.18
70-74	70	5	0.5	5930	332	0.056007	0.24564	0.75436	72367	17776	317392	828825.3	11.45
75-79	75	5	0.5	4151	272	0.065536	0.28155	0.71845	54590	15370	234527	511432.8	9.37
80-85	80	5	0.5	1779	198	0.111252	0.435213	0.564787	39220	17069	153429	276905.5	7.06
85+	85	0	0.5	1186	213	0.179397	1	0	22151	22151	123476	123476.2	5.57
All ages				593000	2577								

MADHYA PRADESH

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	903000	37505	0.041534	0.040037	0.959963	100000	4004	96397	6405640	64.06
1-4	1	4	0.5	3482000	16452	0.004725	0.018723	0.981277	95996	1797	380390	6309243	65.72
5-9	5	5	0.5	4492000	2189	0.000487	0.002433	0.997567	94199	229	470422	5928852	62.94
10-14	10	5	0.5	3989000	2880	0.000722	0.003604	0.996396	93970	339	469002	5458431	58.09
15-19	15	5	0.5	4172000	6407	0.001536	0.00765	0.99235	93631	716	466365	4989429	53.29
20-24	20	5	0.5	4207000	6601	0.001569	0.007815	0.992185	92915	726	462759	4523064	48.68
25-29	25	5	0.5	3887000	14179	0.003648	0.018075	0.981925	92189	1666	456778	4060305	44.04
30-34	30	5	0.5	3425000	8752	0.002555	0.012695	0.987305	90522	1149	449739	3603527	39.81
35-39	35	5	0.5	2956000	14126	0.004779	0.023612	0.976388	89373	2110	441591	3153788	35.29
40-44	40	5	0.5	2599000	14082	0.005418	0.026729	0.973271	87263	2332	430484	2712197	31.08
45-49	45	5	0.5	2339000	22854	0.009771	0.047689	0.952311	84931	4050	414527	2281713	26.87
50-54	50	5	0.5	2027000	16244	0.008014	0.039282	0.960718	80880	3177	396458	1867186	23.09
55-59	55	5	0.5	1653000	29541	0.017871	0.085535	0.914465	77703	6646	371900	1470728	18.93
60-64	60	5	0.5	1243000	27025	0.021742	0.103106	0.896894	71057	7326	336968	1098828	15.46
65-69	65	5	0.5	884000	59998	0.067871	0.290126	0.709874	63730	18490	272427	761860.4	11.95
70-74	70	5	0.5	627000	27226	0.043423	0.195855	0.804145	45241	8861	204051	489433.1	10.82
75-79	75	5	0.5	404000	28632	0.070872	0.301023	0.698977	36380	10951	154522	285381.9	7.84
80-85	80	5	0.5	174436	26898	0.154197	0.556471	0.443529	25429	14150	91768	130860.2	5.15
85+	85	0	0.5	87218	25163	0.288506	1	0	11278	11278	39092	39092.35	3.47
All ages				43550654	386756								

MADHYA PRADESH

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	835000	30283	0.036267	0.03512	0.96488	100000	3512	96839	6981709	69.82
1-4	1	4	0.5	3208000	15050	0.004691	0.018591	0.981409	96488	1794	382364	6884870	71.35
5-9	5	5	0.5	4103000	2059	0.000502	0.002507	0.997493	94694	237	472878	6502506	68.67
10-14	10	5	0.5	3754000	1706	0.000454	0.002269	0.997731	94457	214	471748	6029628	63.83
15-19	15	5	0.5	3851000	2456	0.000638	0.003184	0.996816	94242	300	470462	5557880	58.97
20-24	20	5	0.5	3821000	5247	0.001373	0.006842	0.993158	93942	643	468105	5087418	54.15
25-29	25	5	0.5	3466000	5623	0.001622	0.008079	0.991921	93300	754	464614	4619313	49.51
30-34	30	5	0.5	3093000	5148	0.001664	0.008287	0.991713	92546	767	460812	4154699	44.89
35-39	35	5	0.5	2783000	6866	0.002467	0.012226	0.98774	91779	1125	456082	3693887	40.25
40-44	40	5	0.5	2525000	6534	0.002588	0.012855	0.987145	90654	1165	450355	3237806	35.72
45-49	45	5	0.5	2272000	7073	0.003113	0.015446	0.984554	89488	1382	443986	2787451	31.15
50-54	50	5	0.5	1946000	12073	0.006204	0.030546	0.969454	88106	2691	433802	2343464	26.60
55-59	55	5	0.5	1566000	13742	0.008775	0.042935	0.957065	85415	3667	417906	1909662	22.36
60-64	60	5	0.5	1188000	17226	0.0145	0.069964	0.930036	81748	5719	394440	1491756	18.25
65-69	65	5	0.5	906000	26365	0.0291	0.135633	0.864367	76028	10312	354361	1097316	14.43
70-74	70	5	0.5	698000	29456	0.0422	0.190864	0.809136	65716	12543	297224	742954.9	11.31
75-79	75	5	0.5	480000	37536	0.0782	0.32706	0.67294	53173	17391	222390	445730.5	8.38
80-85	80	5	0.5	163628	18719	0.1144	0.44479	0.55521	35783	15916	139123	223340.6	6.24
85+	85	0	0.5	122721	28950	0.2359	1	0	19867	19867	84217	84217.15	4.24
All ages				40781349	272111								

NAGALAND

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	20018	268	0.013398	0.013238	0.986762	100000	1324	98809	6999217	69.99
1-4	1	4	0.5	79306	402	0.005073	0.020087	0.979913	98676	1982	390741	6900408	69.93
5-9	5	5	0.5	101556	21	0.000208	0.001039	0.998961	96694	100	483219	6509668	67.32
10-14	10	5	0.5	111600	2	2.07E-05	0.000103	0.999897	96594	10	482943	6026448	62.39
15-19	15	5	0.5	109368	27	0.000248	0.00124	0.99876	96584	120	482619	5543505	57.40
20-24	20	5	0.5	112716	33	0.000294	0.001471	0.998529	96464	142	481965	5060886	52.46
25-29	25	5	0.5	106020	229	0.002162	0.010752	0.989248	96322	1036	479021	4578922	47.54
30-34	30	5	0.5	97092	280	0.002885	0.014324	0.985676	95286	1365	473020	4099901	43.03
35-39	35	5	0.5	82584	169	0.002045	0.010174	0.989826	93921	956	467219	3626881	38.62
40-44	40	5	0.5	73656	206	0.002803	0.013915	0.986085	92966	1294	461596	3159663	33.99
45-49	45	5	0.5	61380	314	0.00511	0.025229	0.974771	91672	2313	452580	2698067	29.43
50-54	50	5	0.5	47988	383	0.007989	0.039162	0.960838	89360	3499	438049	2245487	25.13
55-59	55	5	0.5	36828	461	0.01253	0.060746	0.939254	85860	5216	416261	1807438	21.05
60-64	60	5	0.5	27900	564	0.020215	0.096211	0.903789	80644	7759	383825	1391177	17.25
65-69	65	5	0.5	20088	641	0.031934	0.147866	0.852134	72885	10777	337484	1007352	13.82
70-74	70	5	0.5	13392	688	0.051385	0.227678	0.772322	62108	14141	275189	669868.3	10.79
75-79	75	5	0.5	7812	645	0.082567	0.342201	0.657799	47968	16415	198801	394679.1	8.23
80-85	80	5	0.5	4464	593	0.132771	0.498418	0.501582	31553	15727	118449	195877.8	6.21
85+	85	0	0.5	2232	456	0.204398	1	0	15826	15826	77429	77429.29	4.89
All ages				1116000	6385								

NAGALAND

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	18100	489	0.027042	0.026399	0.973601	100000	2640	97624	7364590	73.65
1-4	1	4	0.5	71684	122	0.001707	0.006805	0.993195	97360	662	388115	7266966	74.64
5-9	5	5	0.5	92916	9	9.92E-05	0.000496	0.999504	96698	48	483368	6878851	71.14
10-14	10	5	0.5	101268	11	0.000111	0.000556	0.999444	96650	54	483114	6395483	66.17
15-19	15	5	0.5	105444	9	8.74E-05	0.000437	0.999563	96596	42	482874	5912369	61.21
20-24	20	5	0.5	120060	11	9.38E-05	0.000469	0.999531	96554	45	482655	5429496	56.23
25-29	25	5	0.5	108576	131	0.00121	0.006031	0.993969	96508	582	481087	4946841	51.26
30-34	30	5	0.5	95004	161	0.00169	0.008414	0.991586	95926	807	477613	4465754	46.55
35-39	35	5	0.5	77256	157	0.002029	0.010091	0.989909	95119	960	473196	3988141	41.93
40-44	40	5	0.5	63684	192	0.003008	0.014926	0.985074	94159	1405	467283	3514945	37.33
45-49	45	5	0.5	51156	150	0.002939	0.01459	0.98541	92754	1353	460386	3047662	32.86
50-54	50	5	0.5	38628	175	0.004537	0.022429	0.977571	91401	2050	451878	2587277	28.31
55-59	55	5	0.5	36540	260	0.007105	0.034906	0.965094	89351	3119	438955	2135399	23.90
60-64	60	5	0.5	24012	275	0.011435	0.055588	0.944412	86232	4793	419175	1696444	19.67
65-69	65	5	0.5	16704	430	0.025754	0.120982	0.879018	81438	9853	382560	1277269	15.68
70-74	70	5	0.5	10440	369	0.035318	0.162262	0.837738	71586	11616	328889	894709	12.50
75-79	75	5	0.5	7308	463	0.063385	0.273573	0.726427	59970	16406	258835	565819.5	9.44
80-85	80	5	0.5	3132	346	0.110455	0.43277	0.56723	43564	18853	170687	306984.7	7.05
85+	85	0	0.5	2088	379	0.181299	1	0	24711	24711	136298	136298.1	5.52
All ages				1044000	4139								

ODISHA

Estimated abridged life table for 2019

MALES

Age	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	344000	12785	0.037166	0.035963	0.964037	100000	3596	96763	6649773	66.50
1-4	1	4	0.5	1335000	2829	0.002119	0.00844	0.99156	96404	814	383988	6553010	67.97
5-9	5	5	0.5	1661000	153	9.19E-05	0.00046	0.99954	95590	44	477840	6169022	64.54
10-14	10	5	0.5	1810000	2129	0.001176	0.005864	0.994136	95546	560	476330	5691181	59.56
15-19	15	5	0.5	1853000	1277	0.000689	0.003439	0.996561	94986	327	474112	5214852	54.90
20-24	20	5	0.5	1806000	3869	0.002142	0.010653	0.989347	94659	1008	470775	4740739	50.08
25-29	25	5	0.5	1689000	4734	0.002803	0.013916	0.986084	93651	1303	464995	4269965	45.59
30-34	30	5	0.5	1628000	4578	0.002812	0.013964	0.986036	92347	1289	458514	3804969	41.20
35-39	35	5	0.5	1547000	6718	0.004342	0.021479	0.978521	91058	1956	450400	3346456	36.75
40-44	40	5	0.5	1452000	8187	0.005638	0.0278	0.9722	89102	2477	439318	2896055	32.50
45-49	45	5	0.5	1373000	13871	0.010103	0.049271	0.950729	86625	4268	422455	2456737	28.36
50-54	50	5	0.5	1258000	11144	0.008858	0.043332	0.956668	82357	3569	402863	2034282	24.70
55-59	55	5	0.5	1063000	16439	0.015464	0.074444	0.925556	78788	5865	379278	1631418	20.71
60-64	60	5	0.5	820000	19374	0.023627	0.111548	0.888452	72923	8134	344279	1252140	17.17
65-69	65	5	0.5	632000	32300	0.051107	0.226586	0.773414	64789	14680	287243	907860.6	14.01
70-74	70	5	0.5	491000	24010	0.0489	0.217866	0.782134	50108	10917	223250	620618	12.39
75-79	75	5	0.5	323000	20866	0.0646	0.278089	0.721911	39192	10899	168711	397368.1	10.14
80-85	80	5	0.5	192060	16740	0.087161	0.357832	0.642168	28293	10124	116154	228657.3	8.08
85+	85	0	0.5	106700	17231	0.161495	1	0	18169	18169	112503	112503.5	6.19
All ages				21383760	219233								

ODISHA

Estimated abridged life table for 2019

FEMALES

Age	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	344000	11810	0.034333	0.033304	0.966696	100000	3330	97003	7095697	70.96
1-4	1	4	0.5	1338000	3417	0.002554	0.010164	0.989836	96670	983	384713	6998694	72.40
5-9	5	5	0.5	1724000	1157	0.000671	0.00335	0.99665	95687	321	477634	6613981	69.12
10-14	10	5	0.5	1839000	968	0.000527	0.002629	0.997371	95366	251	476206	6136347	64.34
15-19	15	5	0.5	1942000	1915	0.000986	0.004918	0.995082	95116	468	474409	5660141	59.51
20-24	20	5	0.5	2002000	2558	0.001278	0.006368	0.993632	94648	603	471733	5185732	54.79
25-29	25	5	0.5	1935000	3416	0.001765	0.008788	0.991212	94045	826	468160	4713999	50.12
30-34	30	5	0.5	1856000	2509	0.001352	0.006736	0.993264	93219	628	464524	4245839	45.55
35-39	35	5	0.5	1735000	3806	0.002193	0.010907	0.989093	92591	1010	460429	3781316	40.84
40-44	40	5	0.5	1578000	4949	0.003136	0.01556	0.98444	91581	1425	454342	3320887	36.26
45-49	45	5	0.5	1435000	7015	0.004889	0.024148	0.975852	90156	2177	445336	2866545	31.80
50-54	50	5	0.5	1254000	8854	0.007061	0.034693	0.965307	87979	3052	432263	2421208	27.52
55-59	55	5	0.5	1039000	9405	0.009052	0.044258	0.955742	84927	3759	415236	1988945	23.42
60-64	60	5	0.5	831000	16373	0.019703	0.09389	0.90611	81168	7621	386787	1573709	19.39
65-69	65	5	0.5	669000	24892	0.037208	0.170206	0.829794	73547	12518	336440	1186922	16.14
70-74	70	5	0.5	526000	20882	0.0397	0.180578	0.819422	61029	11020	277593	850482.7	13.94
75-79	75	5	0.5	353000	23227	0.0658	0.282525	0.717475	50008	14129	214721	572889.5	11.46
80-85	80	5	0.5	204237	16993	0.0832	0.344371	0.655629	35880	12356	148509	358169	9.98
85+	85	0	0.5	113465	12731	0.1122	1	0	23524	23524	209660	209659.9	8.91
All ages				22717702	176879								

PUNJAB

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	209000	3222	0.015415	0.015204	0.984796	100000	1520	98632	6961516	69.62
1-4	1	4	0.5	828000	1674	0.002022	0.008055	0.991945	98480	793	392332	6862884	69.69
5-9	5	5	0.5	1107000	711	0.000642	0.003205	0.996795	97686	313	487649	6470552	66.24
10-14	10	5	0.5	1177000	177	0.000151	0.000753	0.999247	97373	73	486683	5982903	61.44
15-19	15	5	0.5	1328000	1157	0.000871	0.004348	0.995652	97300	423	485442	5496221	56.49
20-24	20	5	0.5	1479000	2043	0.001381	0.006881	0.993119	96877	667	482718	5010779	51.72
25-29	25	5	0.5	1539000	2623	0.001704	0.008485	0.991515	96210	816	479010	4528061	47.06
30-34	30	5	0.5	1447000	3909	0.002701	0.013416	0.986584	95394	1280	473770	4049051	42.45
35-39	35	5	0.5	1263000	3976	0.003148	0.015617	0.984383	94114	1470	466896	3575281	37.99
40-44	40	5	0.5	1090000	6691	0.006139	0.03023	0.96977	92644	2801	456220	3108385	33.55
45-49	45	5	0.5	969000	6270	0.00647	0.031837	0.968163	89844	2860	442068	2652165	29.52
50-54	50	5	0.5	864000	8997	0.010414	0.050747	0.949253	86983	4414	423881	2210097	25.41
55-59	55	5	0.5	741000	9778	0.013196	0.063872	0.936128	82569	5274	399661	1786216	21.63
60-64	60	5	0.5	585000	11733	0.020057	0.095495	0.904505	77295	7381	368024	1386555	17.94
65-69	65	5	0.5	446000	25241	0.056595	0.2479	0.7521	69914	17332	306241	1018531	14.57
70-74	70	5	0.5	357000	14590	0.040868	0.185397	0.814603	52582	9749	238540	712290.1	13.55
75-79	75	5	0.5	260000	11550	0.044422	0.19991	0.80009	42834	8563	192762	473749.8	11.06
80-85	80	5	0.5	111601	9647	0.08644	0.355397	0.644603	34271	12180	140905	280988.1	8.20
85+	85	0	0.5	63772	10057	0.1577	1	0	22091	22091	140083	140083.2	6.34
All ages				15864373	134045								

PUNJAB

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	185000	2686	0.014517	0.01433	0.98567	100000	1433	98710	7452313	74.52
1-4	1	4	0.5	730000	1429	0.001958	0.007801	0.992199	98567	769	392730	7353603	74.61
5-9	5	5	0.5	962000	366	0.00038	0.0019	0.9981	97798	186	488526	6960873	71.18
10-14	10	5	0.5	983000	314	0.00032	0.001597	0.998403	97612	156	487671	6472347	66.31
15-19	15	5	0.5	1089000	531	0.000487	0.002434	0.997566	97456	237	486688	5984676	61.41
20-24	20	5	0.5	1206000	1499	0.001243	0.006194	0.993806	97219	602	484590	5497987	56.55
25-29	25	5	0.5	1281000	1763	0.001376	0.006859	0.993141	96617	663	481428	5013397	51.89
30-34	30	5	0.5	1274000	1717	0.001348	0.006717	0.993283	95954	645	478160	4531969	47.23
35-39	35	5	0.5	1182000	2505	0.002119	0.010541	0.989459	95310	1005	474037	4053809	42.53
40-44	40	5	0.5	1053000	3634	0.003451	0.017108	0.982892	94305	1613	467492	3579772	37.96
45-49	45	5	0.5	953000	3094	0.003246	0.016101	0.983899	92692	1492	459728	3112280	33.58
50-54	50	5	0.5	852000	6755	0.007929	0.038874	0.961126	91199	3545	447134	2652553	29.09
55-59	55	5	0.5	718000	6401	0.008915	0.043605	0.956395	87654	3822	428715	2205419	25.16
60-64	60	5	0.5	562000	9327	0.016596	0.079675	0.920325	83832	6679	402462	1776704	21.19
65-69	65	5	0.5	457000	19080	0.041751	0.189024	0.810976	77153	14584	349304	1374242	17.81
70-74	70	5	0.5	386000	10016	0.025948	0.121834	0.878166	62569	7623	293787	1024938	16.38
75-79	75	5	0.5	265000	7649	0.028865	0.134611	0.865389	54946	7396	256239	731151.2	13.31
80-85	80	5	0.5	100765	6625	0.06575	0.282341	0.717659	47550	13425	204185	474912.4	9.99
85+	85	0	0.5	86370	10887	0.126047	1	0	34124	34124	270727	270727.4	7.93
All ages				14325135	96278								

RAJASTHAN

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	836000	30121	0.03603	0.034898	0.965102	100000	3490	96859	6594115	65.94
1-4	1	4	0.5	3264000	4431	0.001357	0.005415	0.994585	96510	523	384995	6497256	67.32
5-9	5	5	0.5	4242000	1363	0.000321	0.001605	0.998395	95988	154	479553	6112260	63.68
10-14	10	5	0.5	3941000	1238	0.000314	0.001569	0.998431	95833	150	478791	5632708	58.78
15-19	15	5	0.5	4070000	3561	0.000875	0.004365	0.995635	95683	418	477371	5153916	53.86
20-24	20	5	0.5	4097000	5940	0.00145	0.007224	0.992776	95265	688	474607	4676545	49.09
25-29	25	5	0.5	3737000	8461	0.002264	0.011257	0.988743	94577	1065	470225	4201938	44.43
30-34	30	5	0.5	3204000	8936	0.002789	0.013848	0.986152	93513	1295	464326	3731713	39.91
35-39	35	5	0.5	2683000	9801	0.003653	0.0181	0.9819	92218	1669	456915	3267388	35.43
40-44	40	5	0.5	2298000	13435	0.005846	0.02881	0.97119	90548	2609	446221	2810472	31.04
45-49	45	5	0.5	2036000	14748	0.007244	0.035574	0.964426	87940	3128	431878	2364252	26.88
50-54	50	5	0.5	1760000	22862	0.01299	0.062906	0.937094	84811	5335	410719	1932374	22.78
55-59	55	5	0.5	1450000	25752	0.01776	0.085026	0.914974	79476	6758	380487	1521655	19.15
60-64	60	5	0.5	1121000	32806	0.029265	0.136348	0.863652	72719	9915	338806	1141167	15.69
65-69	65	5	0.5	812000	38184	0.047024	0.210387	0.789613	62804	13213	280986	802361.6	12.78
70-74	70	5	0.5	569000	27631	0.048561	0.216518	0.783482	49591	10737	221110	521376.1	10.51
75-79	75	5	0.5	368000	27688	0.07524	0.31664	0.68336	38853	12303	163510	300266.4	7.73
80-85	80	5	0.5	163088	22834	0.140009	0.518544	0.481456	26551	13768	98335	136756.1	5.15
85+	85	0	0.5	81544	27130	0.332705	1	0	12783	12783	38422	38421.57	3.01
All ages				40732632	326922								

RAJASTHAN

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	731000	25764	0.035246	0.034162	0.965838	100000	3416	96925	7156285	71.56
1-4	1	4	0.5	2855000	5132	0.001798	0.007165	0.992835	96584	692	384951	7059359	73.09
5-9	5	5	0.5	3663000	777	0.000212	0.00106	0.99894	95892	102	479205	6674408	69.60
10-14	10	5	0.5	3589000	1047	0.000292	0.001457	0.998543	95790	140	478602	6195203	64.67
15-19	15	5	0.5	3706000	2748	0.000742	0.003701	0.996299	95651	354	477368	5716601	59.77
20-24	20	5	0.5	3713000	2609	0.000703	0.003507	0.996493	95297	334	475647	5239233	54.98
25-29	25	5	0.5	3399000	3583	0.001054	0.005257	0.994743	94962	499	473564	4763586	50.16
30-34	30	5	0.5	2986000	4149	0.001389	0.006923	0.993077	94463	654	470681	4290022	45.41
35-39	35	5	0.5	2606000	4907	0.001883	0.009371	0.990629	93809	879	466848	3819342	40.71
40-44	40	5	0.5	2311000	4529	0.00196	0.009751	0.990249	92930	906	462385	3352494	36.08
45-49	45	5	0.5	2057000	8661	0.004211	0.020834	0.979166	92024	1917	455327	2890108	31.41
50-54	50	5	0.5	1765000	9015	0.005108	0.025216	0.974784	90107	2272	444853	2434782	27.02
55-59	55	5	0.5	1450000	10815	0.007458	0.03661	0.96339	87835	3216	431134	1989928	22.66
60-64	60	5	0.5	1134000	25205	0.022227	0.105284	0.894716	84619	8909	400823	1558794	18.42
65-69	65	5	0.5	889000	27039	0.030415	0.141331	0.858669	75710	10700	351800	1157971	15.29
70-74	70	5	0.5	704000	23515	0.033402	0.154137	0.845863	65010	10020	299998	806171.8	12.40
75-79	75	5	0.5	502000	23468	0.046749	0.209287	0.790713	54989	11509	246176	506173.7	9.20
80-85	80	5	0.5	192545	22351	0.11608	0.449853	0.550147	43481	19560	168504	259997.9	5.98
85+	85	0	0.5	115527	30204	0.261449	1	0	23921	23921	91494	91493.52	3.82
All ages				38368072	235519								

SIKKIM

Estimated abridged life table for 2019

MALES

Age	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	4540	60	0.013213	0.013058	0.986942	100000	1306	98825	7244055	72.44
1-4	1	4	0.5	17988	18	0.001012	0.004038	0.995962	98694	399	393980	7145230	72.40
5-9	5	5	0.5	28160	9	0.000322	0.001607	0.998393	98296	158	491083	6751251	68.68
10-14	10	5	0.5	30272	11	0.000363	0.001815	0.998185	98138	178	490243	6260167	63.79
15-19	15	5	0.5	30976	24	0.000775	0.003866	0.996134	97960	379	488851	5769924	58.90
20-24	20	5	0.5	30976	30	0.000968	0.004831	0.995169	97581	471	486725	5281074	54.12
25-29	25	5	0.5	33440	36	0.001089	0.005431	0.994569	97109	527	484228	4794349	49.37
30-34	30	5	0.5	29568	44	0.001479	0.007368	0.992632	96582	712	481131	4310120	44.63
35-39	35	5	0.5	26752	57	0.002131	0.010598	0.989402	95870	1016	476812	3828989	39.94
40-44	40	5	0.5	23584	70	0.002973	0.014756	0.985244	94854	1400	470772	3352178	35.34
45-49	45	5	0.5	20768	101	0.004886	0.024133	0.975867	93455	2255	461635	2881406	30.83
50-54	50	5	0.5	19712	123	0.006224	0.030641	0.969359	91199	2794	449010	2419771	26.53
55-59	55	5	0.5	16896	162	0.009569	0.046726	0.953274	88405	4131	431697	1970761	22.29
60-64	60	5	0.5	12672	205	0.016172	0.077719	0.922281	84274	6550	404996	1539064	18.26
65-69	65	5	0.5	9504	215	0.022662	0.107235	0.892765	77724	8335	367784	1134069	14.59
70-74	70	5	0.5	6688	338	0.050589	0.224546	0.775454	69389	15581	307995	766284.3	11.04
75-79	75	5	0.5	4224	330	0.078181	0.326992	0.673008	53808	17595	225055	458289.8	8.52
80-85	80	5	0.5	3168	405	0.127806	0.484293	0.515707	36213	17538	137223	233235.2	6.44
85+	85	0	0.5	2112	411	0.194511	1	0	18676	18676	96013	96012.66	5.14
All ages				352000	2650								

SIKKIM

Estimated abridged life table for 2019

FEMALES

Age	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	3810	48	0.012675	0.012532	0.987468	100000	1253	98872	7711522	77.12
1-4	1	4	0.5	15090	17	0.001156	0.004615	0.995385	98747	456	394076	7612650	77.09
5-9	5	5	0.5	22050	6	0.000273	0.001363	0.998637	98291	134	491121	7218574	73.44
10-14	10	5	0.5	24570	7	0.000299	0.001495	0.998505	98157	147	490419	6727453	68.54
15-19	15	5	0.5	24255	14	0.000572	0.002856	0.997144	98010	280	489352	6237034	63.64
20-24	20	5	0.5	33390	17	0.000508	0.002536	0.997464	97731	248	488033	5747682	58.81
25-29	25	5	0.5	32760	15	0.000463	0.002314	0.997686	97483	226	486849	5259649	53.95
30-34	30	5	0.5	27090	19	0.000685	0.003418	0.996582	97257	332	485454	4772799	49.07
35-39	35	5	0.5	24570	22	0.000916	0.004568	0.995432	96925	443	483516	4287345	44.23
40-44	40	5	0.5	22050	27	0.001247	0.006215	0.993785	96482	600	480910	3803829	39.43
45-49	45	5	0.5	17955	39	0.002157	0.010726	0.989274	95882	1028	476840	3322918	34.66
50-54	50	5	0.5	17325	47	0.002732	0.013567	0.986433	94854	1287	471052	2846078	30.00
55-59	55	5	0.5	14805	77	0.005195	0.025641	0.974359	93567	2399	461837	2375026	25.38
60-64	60	5	0.5	11340	106	0.009347	0.04567	0.95433	91168	4164	445430	1913190	20.99
65-69	65	5	0.5	8505	130	0.015266	0.073523	0.926477	87004	6397	419029	1467760	16.87
70-74	70	5	0.5	5985	266	0.04437	0.199697	0.800303	80607	16097	362794	1048731	13.01
75-79	75	5	0.5	4095	209	0.051068	0.226432	0.773568	64510	14607	286034	685937.3	10.63
80-85	80	5	0.5	3150	293	0.093099	0.377607	0.622393	49903	18844	202406	399903.6	8.01
85+	85	0	0.5	2205	347	0.157265	1	0	31059	31059	197497	197497.3	6.36
All ages				315000	1707								

TAMIL NADU

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	497000	7811	0.015715	0.015496	0.984504	100000	1550	98605	6795145	67.95
1-4	1	4	0.5	1969000	1273	0.000646	0.002582	0.997418	98450	254	393293	6696540	68.02
5-9	5	5	0.5	2711000	1250	0.000461	0.002303	0.997697	98196	226	490416	6303247	64.19
10-14	10	5	0.5	2721000	808	0.000297	0.001483	0.998517	97970	145	489487	5812831	59.33
15-19	15	5	0.5	2881000	4305	0.001494	0.007443	0.992557	97825	728	487303	5323344	54.42
20-24	20	5	0.5	3075000	5081	0.001653	0.008229	0.991771	97097	799	483486	4836041	49.81
25-29	25	5	0.5	3141000	6626	0.002109	0.010492	0.989508	96298	1010	478963	4352555	45.20
30-34	30	5	0.5	3124000	10241	0.003278	0.016258	0.983742	95287	1549	472564	3873592	40.65
35-39	35	5	0.5	3058000	12163	0.003977	0.019691	0.980309	93738	1846	464076	3401029	36.28
40-44	40	5	0.5	2877000	17783	0.006181	0.030435	0.969565	91892	2797	452470	2936952	31.96
45-49	45	5	0.5	2650000	26154	0.00987	0.04816	0.95184	89096	4291	434751	2484483	27.89
50-54	50	5	0.5	2400000	26226	0.010927	0.053184	0.946816	84805	4510	412748	2049732	24.17
55-59	55	5	0.5	2071000	33986	0.01641	0.078819	0.921181	80295	6329	385651	1636984	20.39
60-64	60	5	0.5	1665000	42353	0.025437	0.119581	0.880419	73966	8845	347717	1251333	16.92
65-69	65	5	0.5	1287000	44306	0.034426	0.158488	0.841512	65121	10321	299802	903615.9	13.88
70-74	70	5	0.5	939000	44560	0.047454	0.212108	0.787892	54800	11624	244941	603813.6	11.02
75-79	75	5	0.5	595000	39627	0.0666	0.285469	0.714531	43177	12326	185069	358872.2	8.31
80-85	80	5	0.5	228990	27299	0.119216	0.459215	0.540785	30851	14167	118837	173803.5	5.63
85+	85	0	0.5	114495	34752	0.303523	1	0	16684	16684	54967	54966.92	3.29
All ages				38004485	386602								

TAMIL NADU

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	456000	6599	0.014471	0.014285	0.985715	100000	1429	98714	7393208	73.93
1-4	1	4	0.5	1806000	1288	0.000713	0.002849	0.997151	98571	281	393724	7294494	74.00
5-9	5	5	0.5	2455000	497	0.000202	0.001011	0.998989	98291	99	491205	6900770	70.21
10-14	10	5	0.5	2575000	1097	0.000426	0.002128	0.997872	98191	209	490434	6409565	65.28
15-19	15	5	0.5	2721000	1842	0.000677	0.003379	0.996621	97982	331	489084	5919131	60.41
20-24	20	5	0.5	2889000	3400	0.001177	0.005868	0.994132	97651	573	486824	5430048	55.61
25-29	25	5	0.5	3029000	3192	0.001054	0.005256	0.994744	97078	510	484116	4943224	50.92
30-34	30	5	0.5	3197000	3709	0.00116	0.005783	0.994217	96568	558	481444	4459109	46.18
35-39	35	5	0.5	3210000	6505	0.002026	0.010081	0.989919	96010	968	477628	3977665	41.43
40-44	40	5	0.5	3019000	5275	0.001747	0.008699	0.991301	95042	827	473141	3500037	36.83
45-49	45	5	0.5	2801000	8660	0.003092	0.015341	0.984659	94215	1445	467461	3026895	32.13
50-54	50	5	0.5	2509000	16055	0.006399	0.031491	0.968509	92770	2921	456544	2559434	27.59
55-59	55	5	0.5	2141000	19784	0.00924	0.045159	0.954841	89848	4057	439097	2102890	23.40
60-64	60	5	0.5	1731000	27159	0.01569	0.075488	0.924512	85791	6476	412763	1663793	19.39
65-69	65	5	0.5	1365000	34015	0.024919	0.117289	0.882711	79315	9303	373316	1251029	15.77
70-74	70	5	0.5	1042000	35470	0.03404	0.156853	0.843147	70012	10982	322605	877713	12.54
75-79	75	5	0.5	687000	34365	0.050022	0.222309	0.777691	59030	13123	262344	555107.5	9.40
80-85	80	5	0.5	229422	27660	0.120563	0.463201	0.536799	45907	21264	176376	292763.5	6.38
85+	85	0	0.5	152948	32384	0.211732	1	0	24643	24643	116388	116387.7	4.72
All ages				38015370	268955								

TELANGANA

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	276000	7198	0.02608	0.025481	0.974519	100000	2548	97707	6942819	69.43
1-4	1	4	0.5	1090000	991	0.000909	0.003629	0.996371	97452	354	389100	6845112	70.24
5-9	5	5	0.5	1416000	606	0.000428	0.002137	0.997863	97098	208	484972	6456012	66.49
10-14	10	5	0.5	1458000	319	0.000219	0.001094	0.998906	96891	106	484189	5971040	61.63
15-19	15	5	0.5	1610000	503	0.000312	0.00156	0.99844	96785	151	483546	5486851	56.69
20-24	20	5	0.5	1750000	1363	0.000779	0.003888	0.996112	96634	376	482230	5003305	51.78
25-29	25	5	0.5	1747000	1989	0.001139	0.005677	0.994323	96258	546	479924	4521076	46.97
30-34	30	5	0.5	1671000	1461	0.000874	0.004362	0.995638	95712	417	477514	4041151	42.22
35-39	35	5	0.5	1544000	2883	0.001867	0.009291	0.990709	95294	885	474257	3563637	37.40
40-44	40	5	0.5	1378000	3219	0.002336	0.011614	0.988386	94409	1096	469303	3089380	32.72
45-49	45	5	0.5	1227000	6596	0.005376	0.026522	0.973478	93312	2475	460375	2620077	28.08
50-54	50	5	0.5	1048000	5174	0.004937	0.024384	0.975616	90837	2215	448650	2159702	23.78
55-59	55	5	0.5	834000	12378	0.014842	0.071556	0.928444	88622	6342	427259	1711052	19.31
60-64	60	5	0.5	621000	12833	0.020665	0.098251	0.901749	82281	8084	391194	1283794	15.60
65-69	65	5	0.5	469000	59098	0.126009	0.479113	0.520887	74197	35549	282112	892599.4	12.03
70-74	70	5	0.5	375000	11940	0.03184	0.147462	0.852538	38648	5699	178993	610487.1	15.80
75-79	75	5	0.5	257000	8026	0.031231	0.144847	0.855153	32949	4773	152814	431494.1	13.10
80-85	80	5	0.5	75912	6402	0.08434	0.348269	0.651731	28176	9813	116350	278680.5	9.89
85+	85	0	0.5	37956	4294	0.113124	1	0	18363	18363	162331	162330.7	8.84
All ages				18884868	147274								

TELANGANA

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	251000	6856	0.027314	0.026659	0.973341	100000	2666	97601	7383780	73.84
1-4	1	4	0.5	988000	854	0.000865	0.003453	0.996547	97334	336	388664	7286180	74.86
5-9	5	5	0.5	1265000	293	0.000231	0.001156	0.998844	96998	112	484710	6897515	71.11
10-14	10	5	0.5	1373000	401	0.000292	0.001461	0.998539	96886	142	484076	6412805	66.19
15-19	15	5	0.5	1514000	607	0.000401	0.002003	0.997997	96744	194	483238	5928729	61.28
20-24	20	5	0.5	1644000	826	0.000502	0.002509	0.997491	96551	242	482148	5445492	56.40
25-29	25	5	0.5	1669000	1314	0.000787	0.003927	0.996073	96308	378	480597	4963344	51.54
30-34	30	5	0.5	1679000	1055	0.000629	0.003138	0.996862	95930	301	478898	4482747	46.73
35-39	35	5	0.5	1604000	1614	0.001006	0.005019	0.994981	95629	480	476946	4003849	41.87
40-44	40	5	0.5	1426000	2762	0.001937	0.009637	0.990363	95149	917	473453	3526903	37.07
45-49	45	5	0.5	1244000	4783	0.003845	0.019043	0.980957	94232	1794	466675	3053450	32.40
50-54	50	5	0.5	1034000	4228	0.004089	0.020236	0.979764	92438	1871	457512	2586775	27.98
55-59	55	5	0.5	825000	6386	0.007741	0.037971	0.962029	90567	3439	444239	2129263	23.51
60-64	60	5	0.5	655000	10741	0.016398	0.07876	0.92124	87128	6862	418486	1685024	19.34
65-69	65	5	0.5	548000	44239	0.080728	0.335858	0.664142	80266	26958	333935	1266538	15.78
70-74	70	5	0.5	458000	10705	0.023374	0.110417	0.889583	53308	5886	251825	932603	17.49
75-79	75	5	0.5	305000	6644	0.021783	0.103292	0.896708	47422	4898	224864	680778.2	14.36
80-85	80	5	0.5	74988	4763	0.063516	0.274061	0.725939	42524	11654	183483	455914.4	10.72
85+	85	0	0.5	56241	6373	0.113311	1	0	30870	30870	272431	272431.4	8.83
All ages				18613229	115444								

TRIPURA

Estimated abridged life table for 2019

MALES

Age	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	36628	1467	0.040043	0.03865	0.96135	100000	3865	96521	6292420	62.92
1-4	1	4	0.5	145110	175	0.001209	0.004824	0.995176	96135	464	383612	6195899	64.45
5-9	5	5	0.5	185822	48	0.000257	0.001283	0.998717	95671	123	478049	5812286	60.75
10-14	10	5	0.5	204200	58	0.000286	0.001427	0.998573	95548	136	477402	5334237	55.83
15-19	15	5	0.5	200116	180	0.000902	0.004498	0.995502	95412	429	475988	4856835	50.90
20-24	20	5	0.5	206242	221	0.001069	0.005333	0.994667	94983	507	473649	4380848	46.12
25-29	25	5	0.5	193990	370	0.001909	0.0095	0.9905	94476	898	470138	3907199	41.36
30-34	30	5	0.5	177654	453	0.002548	0.012659	0.987341	93579	1185	464933	3437060	36.73
35-39	35	5	0.5	151108	618	0.004089	0.020237	0.979763	92394	1870	457297	2972127	32.17
40-44	40	5	0.5	134772	755	0.005603	0.027629	0.972371	90525	2501	446370	2514830	27.78
45-49	45	5	0.5	112310	1206	0.010738	0.052287	0.947713	88023	4602	428611	2068461	23.50
50-54	50	5	0.5	87806	1474	0.016787	0.080554	0.919446	83421	6720	400305	1639850	19.66
55-59	55	5	0.5	67386	1759	0.026097	0.122495	0.877505	76701	9395	360016	1239545	16.16
60-64	60	5	0.5	51050	2149	0.042104	0.19047	0.80953	67306	12820	304478	879528.4	13.07
65-69	65	5	0.5	36756	2060	0.056045	0.245788	0.754212	54486	13392	238949	575050	10.55
70-74	70	5	0.5	24504	2254	0.091979	0.373915	0.626085	41094	15366	167055	336100.8	8.18
75-79	75	5	0.5	14294	1724	0.120578	0.463246	0.536754	25728	11919	98845	169045.6	6.57
80-85	80	5	0.5	8168	1061	0.129853	0.490148	0.509852	13810	6769	52127	70200.7	5.08
85+	85	0	0.5	4084	1591	0.389559	1	0	7041	7041	18074	18074.08	2.57
All ages				2042000	19622								

TRIPURA

Estimated abridged life table for 2019

FEMALES

Age	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	34154	1310	0.038348	0.037069	0.962931	100000	3707	96664	6689932	66.90
1-4	1	4	0.5	135266	219	0.001619	0.006457	0.993543	96293	622	383929	6593269	68.47
5-9	5	5	0.5	175330	54	0.000305	0.001526	0.998474	95671	146	477992	6209340	64.90
10-14	10	5	0.5	191090	65	0.000343	0.001711	0.998289	95525	163	477218	5731348	60.00
15-19	15	5	0.5	198970	135	0.000678	0.003387	0.996613	95362	323	476002	5254129	55.10
20-24	20	5	0.5	226550	165	0.000728	0.003635	0.996365	95039	345	474331	4778127	50.28
25-29	25	5	0.5	204880	234	0.001142	0.005694	0.994306	94694	539	472120	4303795	45.45
30-34	30	5	0.5	179270	286	0.001595	0.007945	0.992055	94154	748	468901	3831676	40.70
35-39	35	5	0.5	145780	330	0.002266	0.011265	0.988735	93406	1052	464401	3362775	36.00
40-44	40	5	0.5	120170	404	0.003359	0.016657	0.983343	92354	1538	457924	2898374	31.38
45-49	45	5	0.5	96530	603	0.006251	0.030776	0.969224	90816	2795	447091	2440450	26.87
50-54	50	5	0.5	72890	738	0.010119	0.049345	0.950655	88021	4343	429245	1993359	22.65
55-59	55	5	0.5	68950	928	0.013458	0.065098	0.934902	83677	5447	404769	1564114	18.69
60-64	60	5	0.5	45310	1134	0.02503	0.117779	0.882221	78230	9214	368116	1159345	14.82
65-69	65	5	0.5	31520	1361	0.043179	0.19486	0.80514	69016	13449	311460	791229	11.46
70-74	70	5	0.5	19700	1767	0.089677	0.366271	0.633729	55568	20353	226957	479769.1	8.63
75-79	75	5	0.5	13790	1351	0.097967	0.393467	0.606533	35215	13856	141435	252812.4	7.18
80-85	80	5	0.5	5910	831	0.14067	0.520355	0.479645	21359	11114	79009	111377.6	5.21
85+	85	0	0.5	3940	1247	0.316508	1	0	10245	10245	32368	32368.12	3.16
All ages				1970000	13162								

UTTAR PRADESH

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	2592000	46573	0.017968	0.017682	0.982318	100000	1768	98409	6633166	66.33
1-4	1	4	0.5	10028000	73545	0.007334	0.028912	0.971088	98232	2840	387247	6534757	66.52
5-9	5	5	0.5	12912000	2567	0.000199	0.000993	0.999007	95392	95	476722	6147510	64.44
10-14	10	5	0.5	11299000	16305	0.001443	0.007189	0.992811	95297	685	474772	5670788	59.51
15-19	15	5	0.5	12422000	12513	0.001007	0.005024	0.994976	94612	475	471871	5196016	54.92
20-24	20	5	0.5	12773000	13693	0.001072	0.005346	0.994654	94137	503	469425	4724145	50.18
25-29	25	5	0.5	11424000	18278	0.0016	0.007968	0.992032	93633	746	466301	4254721	45.44
30-34	30	5	0.5	9236000	22166	0.0024	0.011928	0.988072	92887	1108	461666	3788420	40.79
35-39	35	5	0.5	7336000	21274	0.0029	0.014396	0.985604	91779	1321	455593	3326754	36.25
40-44	40	5	0.5	6345000	32994	0.0052	0.025666	0.974334	90458	2322	446486	2871161	31.74
45-49	45	5	0.5	5787000	30092	0.0052	0.025666	0.974334	88136	2262	435026	2424675	27.51
50-54	50	5	0.5	4981000	42339	0.0085	0.041616	0.958384	85874	3574	420436	1989649	23.17
55-59	55	5	0.5	3974000	85838	0.0216	0.102467	0.897533	82300	8433	390419	1569213	19.07
60-64	60	5	0.5	3012000	82228	0.0273	0.127779	0.872221	73867	9439	345740	1178793	15.96
65-69	65	5	0.5	2285000	97113	0.0425	0.19209	0.80791	64429	12376	291203	833053.2	12.93
70-74	70	5	0.5	1780000	116768	0.0656	0.281787	0.718213	52053	14668	223593	541850.3	10.41
75-79	75	5	0.5	1199000	82012	0.0684	0.292058	0.707942	37385	10919	159628	318256.9	8.51
80-85	80	5	0.5	361032	47981	0.1329	0.49878	0.50122	26466	13201	99329	158629.3	5.99
85+	85	0	0.5	240688	53842	0.2237	1	0	13265	13265	59300	59300.03	4.47
All ages				119986720	898121								

UTTAR PRADESH

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	2300000	41925	0.018228	0.017934	0.982066	100000	1793	98386	6821610	68.22
1-4	1	4	0.5	8825000	68785	0.007794	0.030699	0.969301	98207	3015	386797	6723224	68.46
5-9	5	5	0.5	11218000	7888	0.000703	0.00351	0.99649	95192	334	475124	6336427	66.56
10-14	10	5	0.5	10296000	7075	0.000687	0.00343	0.99657	94858	325	473475	5861304	61.79
15-19	15	5	0.5	11144000	10836	0.000972	0.00485	0.99515	94532	458	471515	5387829	56.99
20-24	20	5	0.5	11213000	12334	0.0011	0.005485	0.994515	94074	516	469079	4916313	52.26
25-29	25	5	0.5	9971000	14053	0.001409	0.007022	0.992978	93558	657	466147	4447234	47.53
30-34	30	5	0.5	8301000	14507	0.001748	0.0087	0.9913	92901	808	462484	3981087	42.85
35-39	35	5	0.5	7057000	16347	0.002316	0.011516	0.988484	92093	1061	457812	3518603	38.21
40-44	40	5	0.5	6423000	25050	0.0039	0.019312	0.980688	91032	1758	450766	3060791	33.62
45-49	45	5	0.5	5756000	29931	0.0052	0.025666	0.974334	89274	2291	440642	2610026	29.24
50-54	50	5	0.5	4777000	53502	0.0112	0.054475	0.945525	86983	4738	423068	2169383	24.94
55-59	55	5	0.5	3747000	62200	0.0166	0.079693	0.920307	82244	6554	394837	1746315	21.23
60-64	60	5	0.5	2925000	56160	0.0192	0.091603	0.908397	75690	6933	361117	1351479	17.86
65-69	65	5	0.5	2421000	76988	0.0318	0.14729	0.85271	68757	10127	318466	990361.4	14.40
70-74	70	5	0.5	1944000	103810	0.0534	0.235554	0.764446	58630	13810	258622	671895.8	11.46
75-79	75	5	0.5	1258000	75983	0.0604	0.262381	0.737619	44819	11760	194696	413274.2	9.22
80-85	80	5	0.5	331689	43120	0.13	0.490566	0.509434	33059	16218	124753	218577.8	6.61
85+	85	0	0.5	221126	39692	0.1795	1	0	16842	16842	93825	93825.12	5.57
All ages				110128815	760186								

UTTARAKHAND

Estimated abridged life table for 2019

MALES

Age	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	95000	2672	0.028121	0.027427	0.972573	100000	2743	97532	6838323	68.38
1-4	1	4	0.5	373000	634	0.001699	0.006772	0.993228	97257	659	387712	6740791	69.31
5-9	5	5	0.5	474000	54	0.000113	0.000567	0.999433	96599	55	482856	6353079	65.77
10-14	10	5	0.5	517000	336	0.00065	0.003246	0.996754	96544	313	481936	5870223	60.80
15-19	15	5	0.5	564000	612	0.001086	0.005415	0.994585	96231	521	479850	5388287	55.99
20-24	20	5	0.5	603000	478	0.000793	0.003958	0.996042	95709	379	477600	4908436	51.28
25-29	25	5	0.5	577000	509	0.000882	0.004398	0.995602	95331	419	475605	4430836	46.48
30-34	30	5	0.5	494000	1102	0.002231	0.011091	0.988909	94911	1053	471925	3955231	41.67
35-39	35	5	0.5	408000	1318	0.003229	0.016017	0.983983	93859	1503	465535	3483306	37.11
40-44	40	5	0.5	352000	1222	0.003472	0.017212	0.982788	92355	1590	457803	3017771	32.68
45-49	45	5	0.5	316000	2519	0.007971	0.039075	0.960925	90766	3547	444962	2559968	28.20
50-54	50	5	0.5	274000	1978	0.007218	0.035449	0.964551	87219	3092	428366	2115007	24.25
55-59	55	5	0.5	226000	3305	0.014624	0.070542	0.929458	84127	5935	405800	1686641	20.05
60-64	60	5	0.5	176000	4476	0.025432	0.119558	0.880442	78193	9349	367592	1280841	16.38
65-69	65	5	0.5	136000	4662	0.034282	0.157879	0.842121	68844	10869	317048	913249.4	13.27
70-74	70	5	0.5	110000	7189	0.065357	0.280889	0.719111	57975	16285	249164	596201.3	10.28
75-79	75	5	0.5	75000	5839	0.077854	0.325847	0.674153	41691	13585	174491	347037.1	8.32
80-85	80	5	0.5	29200	3349	0.114703	0.445706	0.554294	28106	12527	109212	172546.4	6.14
85+	85	0	0.5	17520	4310	0.245976	1	0	15579	15579	63335	63334.78	4.07
All ages				5816720	46563								

UTTARAKHAND

Estimated abridged life table for 2019

FEMALES

Age	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	81000	2039	0.025175	0.024617	0.975383	100000	2462	97784	7352218	73.52
1-4	1	4	0.5	320000	611	0.00191	0.007611	0.992389	97538	742	388668	7254434	74.38
5-9	5	5	0.5	394000	211	0.000535	0.002671	0.997329	96796	259	483333	6865765	70.93
10-14	10	5	0.5	454000	122	0.00027	0.001347	0.998653	96537	130	482362	6382432	66.11
15-19	15	5	0.5	501000	513	0.001023	0.005103	0.994897	96407	492	480807	5900070	61.20
20-24	20	5	0.5	547000	256	0.000468	0.002338	0.997662	95915	224	479017	5419263	56.50
25-29	25	5	0.5	538000	431	0.000801	0.003998	0.996002	95691	383	477499	4940247	51.63
30-34	30	5	0.5	482000	410	0.00085	0.004242	0.995758	95309	404	475532	4462747	46.82
35-39	35	5	0.5	415000	624	0.001503	0.007486	0.992514	94904	710	472745	3987215	42.01
40-44	40	5	0.5	360000	623	0.001729	0.00861	0.99139	94194	811	468941	3514470	37.31
45-49	45	5	0.5	320000	754	0.002357	0.011714	0.988286	93383	1094	464179	3045529	32.61
50-54	50	5	0.5	276000	1391	0.005041	0.024891	0.975109	92289	2297	455702	2581349	27.97
55-59	55	5	0.5	229000	1905	0.008318	0.040744	0.959256	89992	3667	440792	2125648	23.62
60-64	60	5	0.5	185000	2356	0.012734	0.061706	0.938294	86325	5327	418309	1684856	19.52
65-69	65	5	0.5	155000	2990	0.019292	0.092023	0.907977	80998	7454	386357	1266547	15.64
70-74	70	5	0.5	127000	4627	0.036432	0.166955	0.833045	73545	12279	337027	880189.5	11.97
75-79	75	5	0.5	87000	5028	0.057797	0.252501	0.747499	61266	15470	267656	543162.9	8.87
80-85	80	5	0.5	38920	3650	0.093773	0.379822	0.620178	45796	17394	185495	275507.3	6.02
85+	85	0	0.5	16680	5263	0.315534	1	0	28402	28402	90012	90012.1	3.17
All ages				5526600	33804								

WEST BENGAL

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	662000	16122	0.024354	0.023832	0.976168	100000	2383	97855	7066028	70.66
1-4	1	4	0.5	2617000	1511	0.000577	0.002307	0.997693	97617	225	390017	6968173	71.38
5-9	5	5	0.5	3501000	765	0.000218	0.001092	0.998908	97392	106	486693	6578156	67.54
10-14	10	5	0.5	3814000	935	0.000245	0.001225	0.998775	97285	119	486129	6091463	62.61
15-19	15	5	0.5	4171000	3103	0.000744	0.003712	0.996288	97166	361	484929	5605334	57.69
20-24	20	5	0.5	4505000	3792	0.000842	0.0042	0.9958	96805	407	483011	5120405	52.89
25-29	25	5	0.5	4551000	6586	0.001447	0.007209	0.992791	96399	695	480257	4637394	48.11
30-34	30	5	0.5	4318000	8049	0.001864	0.009277	0.990723	95704	888	476300	4157137	43.44
35-39	35	5	0.5	3902000	10038	0.002573	0.012781	0.987219	94816	1212	471051	3680837	38.82
40-44	40	5	0.5	3520000	12269	0.003486	0.017277	0.982723	93604	1617	463978	3209787	34.29
45-49	45	5	0.5	3301000	20723	0.006278	0.030904	0.969096	91987	2843	452828	2745809	29.85
50-54	50	5	0.5	3022000	25328	0.008381	0.041046	0.958954	89144	3659	436574	2292981	25.72
55-59	55	5	0.5	2574000	36361	0.014126	0.068222	0.931778	85485	5832	412846	1856407	21.72
60-64	60	5	0.5	2021000	44441	0.02199	0.104219	0.895781	79653	8301	377513	1443560	18.12
65-69	65	5	0.5	1466000	45874	0.031292	0.145108	0.854892	71352	10354	330875	1066047	14.94
70-74	70	5	0.5	1005000	45021	0.044797	0.201428	0.798572	60998	12287	274274	735172.3	12.05
75-79	75	5	0.5	620000	34428	0.055529	0.2438	0.7562	48711	11876	213868	460898.1	9.46
80-85	80	5	0.5	200380	21186	0.105731	0.418133	0.581867	36836	15402	145673	247030.5	6.71
85+	85	0	0.5	150285	31780	0.211463	1	0	21433	21433	101358	101357.9	4.73
All ages				49920665	368312								

WEST BENGAL

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	621000	14692	0.023659	0.023165	0.976835	100000	2317	97915	7388706	73.89
1-4	1	4	0.5	2456000	1827	0.000744	0.002972	0.997028	97683	290	390153	7290790	74.64
5-9	5	5	0.5	3283000	733	0.000223	0.001116	0.998884	97393	109	486694	6900637	70.85
10-14	10	5	0.5	3698000	896	0.000242	0.001211	0.998789	97284	118	486128	6413943	65.93
15-19	15	5	0.5	3991000	2799	0.000701	0.0035	0.9965	97167	340	484983	5927815	61.01
20-24	20	5	0.5	4262000	3421	0.000803	0.004005	0.995995	96827	388	483163	5442832	56.21
25-29	25	5	0.5	4308000	3736	0.000867	0.004327	0.995673	96439	417	481151	4959669	51.43
30-34	30	5	0.5	4191000	4566	0.00109	0.005433	0.994567	96021	522	478803	4478519	46.64
35-39	35	5	0.5	3853000	5212	0.001353	0.006741	0.993259	95500	644	475889	3999715	41.88
40-44	40	5	0.5	3489000	6371	0.001826	0.009088	0.990912	94856	862	472125	3523826	37.15
45-49	45	5	0.5	3245000	12635	0.003894	0.019281	0.980719	93994	1812	465439	3051701	32.47
50-54	50	5	0.5	2871000	15443	0.005379	0.026538	0.973462	92182	2446	454793	2586262	28.06
55-59	55	5	0.5	2351000	18284	0.007777	0.038145	0.961855	89735	3423	440120	2131470	23.75
60-64	60	5	0.5	1809000	26592	0.0147	0.070895	0.929105	86312	6119	416264	1691350	19.60
65-69	65	5	0.5	1343000	35858	0.0267	0.125146	0.874854	80193	10036	375877	1275086	15.90
70-74	70	5	0.5	986000	36876	0.0374	0.171011	0.828989	70157	11998	320793	899208.8	12.82
75-79	75	5	0.5	658000	42704	0.0649	0.2792	0.7208	58160	16238	250203	578415.8	9.95
80-85	80	5	0.5	240145	23078	0.0961	0.387422	0.612578	41922	16241	169005	328212.4	7.83
85+	85	0	0.5	144087	23241	0.1613	1	0	25680	25680	159208	159207.9	6.20
All ages				47799232	278966								

CHANDIGARH

Estimated abridged life table for 2019

MALES

Age	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	7748	111	0.0143	0.014118	0.985882	100000	1412	98729	7362102	73.62
1-4	1	4	0.5	30695	46	0.0015	0.005982	0.994018	98588	590	393173	7263372	73.67
5-9	5	5	0.5	44024	18	0.0004	0.001998	0.998002	97998	196	489503	6870199	70.11
10-14	10	5	0.5	50224	25	0.0005	0.002497	0.997503	97803	244	488403	6380697	65.24
15-19	15	5	0.5	59525	42	0.0007	0.003494	0.996506	97558	341	486940	5892294	60.40
20-24	20	5	0.5	68205	34	0.0005	0.002497	0.997503	97218	243	485481	5405354	55.60
25-29	25	5	0.5	66345	66	0.001	0.004988	0.995012	96975	484	483665	4919873	50.73
30-34	30	5	0.5	57045	51	0.0009	0.00449	0.99551	96491	433	481373	4436208	45.98
35-39	35	5	0.5	46504	93	0.002	0.00995	0.99005	96058	956	477900	3954836	41.17
40-44	40	5	0.5	39683	91	0.0023	0.011434	0.988566	95102	1087	472792	3476936	36.56
45-49	45	5	0.5	34723	118	0.0034	0.016857	0.983143	94015	1585	466111	3004144	31.95
50-54	50	5	0.5	29762	190	0.0064	0.031496	0.968504	92430	2911	454872	2538032	27.46
55-59	55	5	0.5	25422	203	0.008	0.039216	0.960784	89519	3511	438817	2083161	23.27
60-64	60	5	0.5	19222	298	0.0155	0.074609	0.925391	86008	6417	413999	1644343	19.12
65-69	65	5	0.5	14881	327	0.022	0.104265	0.895735	79591	8299	377210	1230345	15.46
70-74	70	5	0.5	11161	404	0.0362	0.165979	0.834021	71293	11833	326880	853135.2	11.97
75-79	75	5	0.5	7441	447	0.0601	0.261248	0.738752	59460	15534	258464	526254.8	8.85
80-85	80	5	0.5	4340	281	0.0648	0.27883	0.72117	43926	12248	189010	267791.3	6.10
85+	85	0	0.5	2480	997	0.4021	1	0	31678	31678	78782	78781.5	2.49
All ages				619429	3844								

CHANDIGARH

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	6487	76	0.0117	0.011578	0.988422	100000	1158	98958	7863904	78.64
1-4	1	4	0.5	25693	36	0.0014	0.005584	0.994416	98842	552	394265	7764946	78.56
5-9	5	5	0.5	35935	14	0.0004	0.001998	0.998002	98290	196	490960	7370681	74.99
10-14	10	5	0.5	38617	8	0.0002	0.001	0.999	98094	98	490224	6879721	70.13
15-19	15	5	0.5	46125	42	0.0009	0.00449	0.99551	97996	440	488879	6389497	65.20
20-24	20	5	0.5	57389	34	0.0006	0.002996	0.997004	97556	292	487048	5900618	60.48
25-29	25	5	0.5	60070	30	0.0005	0.002497	0.997503	97264	243	485711	5413569	55.66
30-34	30	5	0.5	50416	45	0.0009	0.00449	0.99551	97021	436	484015	4927859	50.79
35-39	35	5	0.5	40762	37	0.0009	0.00449	0.99551	96585	434	481841	4443844	46.01
40-44	40	5	0.5	36471	66	0.0018	0.00896	0.99104	96151	861	478604	3962003	41.21
45-49	45	5	0.5	32717	69	0.0021	0.010445	0.989555	95290	995	473962	3483399	36.56
50-54	50	5	0.5	28426	125	0.0044	0.021761	0.978239	94295	2052	466343	3009438	31.92
55-59	55	5	0.5	21454	142	0.0066	0.032464	0.967536	92243	2995	453727	2543094	27.57
60-64	60	5	0.5	17699	204	0.0115	0.055893	0.944107	89248	4988	433770	2089367	23.41
65-69	65	5	0.5	13409	298	0.0222	0.105163	0.894837	84260	8861	399146	1655597	19.65
70-74	70	5	0.5	11263	311	0.0276	0.129093	0.870907	75399	9733	352660	1256451	16.66
75-79	75	5	0.5	6972	294	0.0421	0.190455	0.809545	65665	12506	297061	903790.9	13.76
80-85	80	5	0.5	3754	218	0.0581	0.253656	0.746344	53159	13484	232085	606730	11.41
85+	85	0	0.5	3218	341	0.1059	1	0	39675	39675	374645	374645.1	9.44
All ages				536879	2388								

DADRA & NAGAR HAVELI

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	5199	158	0.030424	0.029613	0.970387	100000	2961	97335	6555604	65.56
1-4	1	4	0.5	20596	39	0.001912	0.007618	0.992382	97039	739	386676	6458269	66.55
5-9	5	5	0.5	28475	23	0.00079	0.003944	0.996056	96299	380	480548	6071593	63.05
10-14	10	5	0.5	31825	21	0.000675	0.003369	0.996631	95920	323	478790	5591045	58.29
15-19	15	5	0.5	33165	53	0.001593	0.007933	0.992067	95597	758	476087	5112255	53.48
20-24	20	5	0.5	34505	79	0.002284	0.011354	0.988646	94838	1077	471499	4636168	48.89
25-29	25	5	0.5	33835	81	0.0024	0.011929	0.988071	93761	1118	466011	4164670	44.42
30-34	30	5	0.5	31490	90	0.002852	0.014158	0.985842	92643	1312	459935	3698659	39.92
35-39	35	5	0.5	24455	92	0.003777	0.018707	0.981293	91331	1709	452385	3238724	35.46
40-44	40	5	0.5	22110	120	0.005411	0.026693	0.973307	89623	2392	442133	2786338	31.09
45-49	45	5	0.5	18090	145	0.008016	0.039292	0.960708	87230	3427	427584	2344205	26.87
50-54	50	5	0.5	15075	182	0.012059	0.058528	0.941472	83803	4905	406753	1916621	22.87
55-59	55	5	0.5	11390	207	0.018184	0.086965	0.913035	78898	6861	377338	1509868	19.14
60-64	60	5	0.5	9380	254	0.027052	0.12669	0.87331	72037	9126	337368	1132531	15.72
65-69	65	5	0.5	6365	258	0.040577	0.1842	0.8158	62910	11588	285582	795162.4	12.64
70-74	70	5	0.5	4355	270	0.062026	0.268495	0.731505	51322	13780	222162	509580.1	9.93
75-79	75	5	0.5	2680	253	0.094456	0.382061	0.617939	37543	14344	151854	287417.7	7.66
80-85	80	5	0.5	1340	194	0.144967	0.532022	0.467978	23199	12342	85139	135563.7	5.84
85+	85	0	0.5	670	144	0.215305	1	0	10857	10857	50425	50424.56	4.64
All ages				335000	2664								

DADRA & NAGAR HAVELI

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	3324	98	0.029455	0.028694	0.971306	100000	2869	97418	7043669	70.44
1-4	1	4	0.5	13164	28	0.002149	0.008559	0.991441	97131	831	386860	6946251	71.51
5-9	5	5	0.5	18320	13	0.000726	0.003625	0.996375	96299	349	480624	6559391	68.11
10-14	10	5	0.5	20610	12	0.000563	0.002812	0.997188	95950	270	479077	6078768	63.35
15-19	15	5	0.5	21755	21	0.000949	0.004735	0.995265	95680	453	477270	5599691	58.52
20-24	20	5	0.5	24045	29	0.001194	0.005954	0.994046	95227	567	474720	5122421	53.79
25-29	25	5	0.5	23129	32	0.001378	0.006867	0.993133	94661	650	471678	4647701	49.10
30-34	30	5	0.5	19923	35	0.001745	0.008688	0.991312	94011	817	468011	4176024	44.42
35-39	35	5	0.5	16717	40	0.002401	0.011935	0.988065	93194	1112	463188	3708013	39.79
40-44	40	5	0.5	15114	52	0.003416	0.016938	0.983062	92081	1560	456508	3244825	35.24
45-49	45	5	0.5	12824	64	0.004955	0.024472	0.975528	90522	2215	447071	2788317	30.80
50-54	50	5	0.5	10305	75	0.007274	0.035722	0.964278	88307	3155	433646	2341247	26.51
55-59	55	5	0.5	8702	94	0.010784	0.052506	0.947494	85152	4471	414582	1907600	22.40
60-64	60	5	0.5	7557	124	0.016354	0.07856	0.92144	80681	6338	387559	1493018	18.51
65-69	65	5	0.5	5496	144	0.026223	0.123048	0.876952	74343	9148	348844	1105459	14.87
70-74	70	5	0.5	3664	161	0.043856	0.197615	0.802385	65195	12884	293766	756614.4	11.61
75-79	75	5	0.5	2290	167	0.073015	0.308721	0.691279	52312	16150	221183	462848.1	8.85
80-85	80	5	0.5	1145	138	0.120313	0.462465	0.537535	36162	16724	139000	241664.8	6.68
85+	85	0	0.5	916	173	0.189337	1	0	19438	19438	102665	102664.6	5.28
All ages				229000	1498								

DAMAN & DIU

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	4625	142	0.030712	0.029886	0.970114	100000	2989	97310	6669689	66.70
1-4	1	4	0.5	18321	34	0.001841	0.007339	0.992661	97011	712	386622	6572379	67.75
5-9	5	5	0.5	25330	19	0.00075	0.003743	0.996257	96299	360	480596	6185757	64.23
10-14	10	5	0.5	28310	18	0.000635	0.003172	0.996828	95939	304	478934	5705161	59.47
15-19	15	5	0.5	29502	43	0.001468	0.007313	0.992687	95635	699	476425	5226227	54.65
20-24	20	5	0.5	30694	62	0.002036	0.010129	0.989871	94935	962	472273	4749802	50.03
25-29	25	5	0.5	30098	63	0.002082	0.010356	0.989644	93974	973	467436	4277529	45.52
30-34	30	5	0.5	28012	68	0.002421	0.012032	0.987968	93001	1119	462205	3810093	40.97
35-39	35	5	0.5	21754	69	0.003173	0.01574	0.98426	91882	1446	455792	3347888	36.44
40-44	40	5	0.5	19668	90	0.004566	0.022572	0.977428	90435	2041	447073	2892096	31.98
45-49	45	5	0.5	16092	111	0.006887	0.033851	0.966149	88394	2992	434490	2445022	27.66
50-54	50	5	0.5	13410	142	0.010599	0.051629	0.948371	85402	4409	415986	2010533	23.54
55-59	55	5	0.5	10132	166	0.01638	0.078678	0.921322	80993	6372	389032	1594547	19.69
60-64	60	5	0.5	8344	207	0.024805	0.116785	0.883215	74620	8715	351315	1205515	16.16
65-69	65	5	0.5	5662	215	0.037955	0.173328	0.826672	65906	11423	300970	854199.8	12.96
70-74	70	5	0.5	3874	228	0.058951	0.256894	0.743106	54482	13996	237421	553229.5	10.15
75-79	75	5	0.5	2384	217	0.09122	0.371403	0.628597	40486	15037	164839	315808.1	7.80
80-85	80	5	0.5	1192	169	0.141807	0.52346	0.47654	25450	13322	93943	150968.8	5.93
85+	85	0	0.5	596	127	0.212671	1	0	12128	12128	57026	57025.79	4.70
All ages				298000	2190								

DAMAN & DIU

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	1916	59	0.030947	0.030108	0.969892	100000	3011	97290	7245384	72.45
1-4	1	4	0.5	7588	14	0.001784	0.007111	0.992889	96989	690	386577	7148094	73.70
5-9	5	5	0.5	10560	6	0.00058	0.002897	0.997103	96300	279	480800	6761517	70.21
10-14	10	5	0.5	11880	5	0.000414	0.00207	0.99793	96021	199	479606	6280717	65.41
15-19	15	5	0.5	12540	8	0.000628	0.003134	0.996866	95822	300	478358	5801111	60.54
20-24	20	5	0.5	13860	11	0.000793	0.003955	0.996045	95521	378	476663	5322753	55.72
25-29	25	5	0.5	13332	13	0.000951	0.004744	0.995256	95144	451	474590	4846090	50.93
30-34	30	5	0.5	11484	14	0.001223	0.006098	0.993902	94692	577	472018	4371500	46.17
35-39	35	5	0.5	9636	16	0.001689	0.008408	0.991592	94115	791	468596	3899482	41.43
40-44	40	5	0.5	8712	21	0.002431	0.012081	0.987919	93324	1127	463799	3430886	36.76
45-49	45	5	0.5	7392	27	0.003644	0.018054	0.981946	92196	1665	456819	2967087	32.18
50-54	50	5	0.5	5940	33	0.005514	0.027194	0.972806	90532	2462	446503	2510268	27.73
55-59	55	5	0.5	5016	43	0.008479	0.041517	0.958483	88070	3656	431207	2063765	23.43
60-64	60	5	0.5	4356	58	0.013326	0.064483	0.935517	84413	5443	408458	1632558	19.34
65-69	65	5	0.5	3168	71	0.022413	0.106117	0.893883	78970	8380	373900	1224099	15.50
70-74	70	5	0.5	2112	83	0.039163	0.178355	0.821645	70590	12590	321475	850199.1	12.04
75-79	75	5	0.5	1320	90	0.068212	0.291373	0.708627	58000	16900	247751	528724.4	9.12
80-85	80	5	0.5	660	76	0.115784	0.448963	0.551037	41100	18453	159370	280973.9	6.84
85+	85	0	0.5	528	98	0.186243	1	0	22648	22648	121604	121603.6	5.37
All ages				132000	746								

DELHI

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	155000	2217	0.0143	0.014118	0.985882	100000	1412	98729	7362102	73.62
1-4	1	4	0.5	616000	924	0.0015	0.005982	0.994018	98588	590	393173	7263372	73.67
5-9	5	5	0.5	823000	329	0.0004	0.001998	0.998002	97998	196	489503	6870199	70.11
10-14	10	5	0.5	830000	415	0.0005	0.002497	0.997503	97803	244	488403	6380697	65.24
15-19	15	5	0.5	929000	650	0.0007	0.003494	0.996506	97558	341	486940	5892294	60.40
20-24	20	5	0.5	1041000	521	0.0005	0.002497	0.997503	97218	243	485481	5405354	55.60
25-29	25	5	0.5	1071000	1071	0.001	0.004988	0.995012	96975	484	483665	4919873	50.73
30-34	30	5	0.5	1026000	923	0.0009	0.00449	0.99551	96491	433	481373	4436208	45.98
35-39	35	5	0.5	931000	1862	0.002	0.00995	0.99005	96058	956	477900	3954836	41.17
40-44	40	5	0.5	806000	1854	0.0023	0.011434	0.988566	95102	1087	472792	3476936	36.56
45-49	45	5	0.5	697000	2370	0.0034	0.016857	0.983143	94015	1585	466111	3004144	31.95
50-54	50	5	0.5	586000	3750	0.0064	0.031496	0.968504	92430	2911	454872	2538032	27.46
55-59	55	5	0.5	468000	3744	0.008	0.039216	0.960784	89519	3511	438817	2083161	23.27
60-64	60	5	0.5	349000	5410	0.0155	0.074609	0.925391	86008	6417	413999	1644343	19.12
65-69	65	5	0.5	249000	5478	0.022	0.104265	0.895735	79591	8299	377210	1230345	15.46
70-74	70	5	0.5	177000	6407	0.0362	0.165979	0.834021	71293	11833	326880	853135.2	11.97
75-79	75	5	0.5	111000	6671	0.0601	0.261248	0.738752	59460	15534	258464	526254.8	8.85
80-85	80	5	0.5	32889	2131	0.0648	0.27883	0.72117	43926	12248	189010	267791.3	6.10
85+	85	0	0.5	10963	4408	0.4021	1	0	31678	31678	78782	78781.5	2.49
All ages				10908852	51135								

DELHI

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	133000	1556	0.0117	0.011578	0.988422	100000	1158	98958	7863904	78.64
1-4	1	4	0.5	528000	739	0.0014	0.005584	0.994416	98842	552	394265	7764946	78.56
5-9	5	5	0.5	683000	273	0.0004	0.001998	0.998002	98290	196	490960	7370681	74.99
10-14	10	5	0.5	711000	142	0.0002	0.001	0.999	98094	98	490224	6879721	70.13
15-19	15	5	0.5	811000	730	0.0009	0.00449	0.99551	97996	440	488879	6389497	65.20
20-24	20	5	0.5	982000	589	0.0006	0.002996	0.997004	97556	292	487048	5900618	60.48
25-29	25	5	0.5	958000	479	0.0005	0.002497	0.997503	97264	243	485711	5413569	55.66
30-34	30	5	0.5	853000	768	0.0009	0.00449	0.99551	97021	436	484015	4927859	50.79
35-39	35	5	0.5	797000	717	0.0009	0.00449	0.99551	96585	434	481841	4443844	46.01
40-44	40	5	0.5	705000	1269	0.0018	0.00896	0.99104	96151	861	478604	3962003	41.21
45-49	45	5	0.5	613000	1287	0.0021	0.010445	0.989555	95290	995	473962	3483399	36.56
50-54	50	5	0.5	512000	2253	0.0044	0.021761	0.978239	94295	2052	466343	3009438	31.92
55-59	55	5	0.5	403000	2660	0.0066	0.032464	0.967536	92243	2995	453727	2543094	27.57
60-64	60	5	0.5	304000	3496	0.0115	0.055893	0.944107	89248	4988	433770	2089367	23.41
65-69	65	5	0.5	235000	5217	0.0222	0.105163	0.894837	84260	8861	399146	1655597	19.65
70-74	70	5	0.5	179000	4940	0.0276	0.129093	0.870907	75399	9733	352660	1256451	16.66
75-79	75	5	0.5	111000	4673	0.0421	0.190455	0.809545	65665	12506	297061	903790.9	13.76
80-85	80	5	0.5	38436	2233	0.0581	0.253656	0.746344	53159	13484	232085	606730	11.41
85+	85	0	0.5	28827	3053	0.1059	1	0	39675	39675	374645	374645.1	9.44
All ages				9585263	37075								

LAKSHADWEEP

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	471	4	0.007781	0.007727	0.992273	100000	773	99305	7842417	78.42
1-4	1	4	0.5	1877	2	0.001243	0.00496	0.99504	99227	492	395925	7743112	78.03
5-9	5	5	0.5	2454	0	0.000122	0.000611	0.999389	98735	60	493525	7347188	74.41
10-14	10	5	0.5	2551	0	0.000144	0.000718	0.999282	98675	71	493197	6853663	69.46
15-19	15	5	0.5	2617	1	0.000287	0.001432	0.998568	98604	141	492666	6360466	64.51
20-24	20	5	0.5	2710	1	0.000338	0.00169	0.99831	98463	166	491897	5867800	59.59
25-29	25	5	0.5	2642	1	0.000511	0.002551	0.997449	98296	251	490855	5375902	54.69
30-34	30	5	0.5	2507	2	0.000658	0.003285	0.996715	98046	322	489422	4885048	49.82
35-39	35	5	0.5	2358	3	0.001399	0.006973	0.993027	97723	681	486914	4395625	44.98
40-44	40	5	0.5	2241	4	0.0018	0.008959	0.991041	97042	869	483037	3908712	40.28
45-49	45	5	0.5	2191	7	0.003354	0.016633	0.983367	96173	1600	476864	3425675	35.62
50-54	50	5	0.5	2122	9	0.004234	0.02095	0.97905	94573	1981	467912	2948811	31.18
55-59	55	5	0.5	1955	12	0.006063	0.029862	0.970138	92592	2765	456046	2480899	26.79
60-64	60	5	0.5	1688	14	0.00858	0.041998	0.958002	89827	3773	439702	2024853	22.54
65-69	65	5	0.5	1384	28	0.020233	0.096295	0.903705	86054	8287	409555	1585151	18.42
70-74	70	5	0.5	1004	30	0.029685	0.138171	0.861829	77768	10745	361975	1175596	15.12
75-79	75	5	0.5	606	23	0.037586	0.171787	0.828213	67022	11514	306328	813621.3	12.14
80-85	80	5	0.5	237	14	0.059132	0.257583	0.742417	55509	14298	241799	507293.3	9.14
85+	85	0	0.5	136	21	0.155222	1	0	41211	41211	265494	265494.5	6.44
All ages				33751	177								

LAKSHADWEEP

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	395	4	0.010959	0.010852	0.989148	100000	1085	99023	8256614	82.57
1-4	1	4	0.5	1580	1	0.000422	0.001686	0.998314	98915	167	395326	8157591	82.47
5-9	5	5	0.5	2059	0	0.000219	0.001092	0.998908	98748	108	493471	7762265	78.61
10-14	10	5	0.5	2148	1	0.000256	0.00128	0.99872	98640	126	492885	7268794	73.69
15-19	15	5	0.5	2186	0	6.86E-05	0.000343	0.999657	98514	34	492485	6775909	68.78
20-24	20	5	0.5	2237	0	8.2E-05	0.00041	0.99959	98480	40	492300	6283423	63.80
25-29	25	5	0.5	2251	1	0.0004	0.001997	0.998003	98440	197	491708	5791123	58.83
30-34	30	5	0.5	2329	1	0.000472	0.002359	0.997641	98243	232	490637	5299416	53.94
35-39	35	5	0.5	2366	1	0.000254	0.001267	0.998733	98011	124	489747	4808779	49.06
40-44	40	5	0.5	2355	1	0.000311	0.001556	0.998444	97887	152	489056	4319032	44.12
45-49	45	5	0.5	2339	5	0.001924	0.009571	0.990429	97735	935	486336	3829976	39.19
50-54	50	5	0.5	2233	6	0.002463	0.012239	0.987761	96800	1185	481036	3343640	34.54
55-59	55	5	0.5	2009	11	0.005452	0.026893	0.973107	95615	2571	471646	2862604	29.94
60-64	60	5	0.5	1697	13	0.007888	0.038677	0.961323	93043	3599	456221	2390959	25.70
65-69	65	5	0.5	1385	24	0.017571	0.084157	0.915843	89445	7527	428406	1934738	21.63
70-74	70	5	0.5	1075	30	0.027943	0.130593	0.869407	81917	10698	382843	1506332	18.39
75-79	75	5	0.5	739	23	0.031095	0.14426	0.85574	71220	10274	330413	1123489	15.77
80-85	80	5	0.5	321	14	0.043982	0.198125	0.801875	60945	12075	274540	793076.6	13.01
85+	85	0	0.5	225	21	0.094247	1	0	48871	48871	518536	518536.4	10.61
All ages				31928	157								

PUDUCHERRY

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	9442	286	0.030328	0.029523	0.970477	100000	2952	97343	6379956	63.80
1-4	1	4	0.5	37406	89	0.002382	0.009484	0.990516	97048	920	386350	6282613	64.74
5-9	5	5	0.5	49776	27	0.000534	0.002667	0.997333	96127	256	479996	5896263	61.34
10-14	10	5	0.5	55632	32	0.000584	0.002916	0.997084	95871	280	478656	5416267	56.50
15-19	15	5	0.5	61488	105	0.0017	0.008464	0.991536	95591	809	475935	4937611	51.65
20-24	20	5	0.5	65148	128	0.001961	0.009757	0.990243	94782	925	471600	4461676	47.07
25-29	25	5	0.5	68808	196	0.002848	0.014141	0.985859	93858	1327	465970	3990077	42.51
30-34	30	5	0.5	67344	240	0.003557	0.017629	0.982371	92530	1631	458573	3524107	38.09
35-39	35	5	0.5	58560	396	0.006771	0.03329	0.96671	90899	3026	446930	3065534	33.72
40-44	40	5	0.5	54168	485	0.008946	0.043753	0.956247	87873	3845	429754	2618603	29.80
45-49	45	5	0.5	49044	671	0.013688	0.066177	0.933823	84028	5561	406240	2188850	26.05
50-54	50	5	0.5	41724	821	0.019665	0.093719	0.906281	78468	7354	373953	1782610	22.72
55-59	55	5	0.5	33672	711	0.021102	0.100221	0.899779	71114	7127	337751	1408656	19.81
60-64	60	5	0.5	30012	868	0.028936	0.13492	0.86508	63987	8633	298350	1070905	16.74
65-69	65	5	0.5	21228	718	0.033818	0.155909	0.844091	55354	8630	255193	772554.9	13.96
70-74	70	5	0.5	13908	779	0.056003	0.245625	0.754375	46723	11476	204926	517362.4	11.07
75-79	75	5	0.5	8052	596	0.073972	0.312135	0.687865	35247	11002	148731	312436.3	8.86
80-85	80	5	0.5	4392	367	0.083455	0.345244	0.654756	24245	8371	100300	163705.8	6.75
85+	85	0	0.5	2196	550	0.250365	1	0	15875	15875	63406	63406.1	3.99
All ages				732000	8063								

PUDUCHERRY

Estimated abridged life table for 2019

FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	9727	172	0.017686	0.017409	0.982591	100000	1741	98433	7250372	72.50
1-4	1	4	0.5	38524	78	0.002025	0.008068	0.991932	98259	793	391451	7151939	72.79
5-9	5	5	0.5	52206	24	0.000466	0.002325	0.997675	97466	227	486765	6760488	69.36
10-14	10	5	0.5	56952	30	0.000522	0.002605	0.997395	97240	253	485566	6273723	64.52
15-19	15	5	0.5	61698	79	0.001277	0.006363	0.993637	96986	617	483390	5788157	59.68
20-24	20	5	0.5	76727	96	0.001255	0.006254	0.993746	96369	603	480340	5304767	55.05
25-29	25	5	0.5	79100	112	0.001417	0.007059	0.992941	95767	676	477143	4824427	50.38
30-34	30	5	0.5	70399	137	0.001946	0.009681	0.990319	95091	921	473152	4347284	45.72
35-39	35	5	0.5	64862	121	0.001867	0.00929	0.99071	94170	875	468663	3874132	41.14
40-44	40	5	0.5	57743	148	0.002563	0.012732	0.987268	93295	1188	463507	3405469	36.50
45-49	45	5	0.5	49833	271	0.005428	0.026777	0.973223	92107	2466	454371	2941962	31.94
50-54	50	5	0.5	46669	331	0.007084	0.034805	0.965195	89641	3120	440405	2487591	27.75
55-59	55	5	0.5	38759	352	0.009093	0.044452	0.955548	86521	3846	422990	2047186	23.66
60-64	60	5	0.5	30849	431	0.013963	0.067458	0.932542	82675	5577	399432	1624196	19.65
65-69	65	5	0.5	23730	490	0.020653	0.098195	0.901805	77098	7571	366563	1224764	15.89
70-74	70	5	0.5	15029	789	0.052495	0.232026	0.767974	69527	16132	307306	858200.9	12.34
75-79	75	5	0.5	10283	603	0.058671	0.255831	0.744169	53395	13660	232825	550894.8	10.32
80-85	80	5	0.5	4746	371	0.078228	0.327159	0.672841	39735	13000	166176	318069.5	8.00
85+	85	0	0.5	3164	557	0.176014	1	0	26735	26735	151894	151893.6	5.68
All ages				791000	5192								

ANDAMAN & NICOBAR ISLANDS

Estimated abridged life table for 2019

MALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	2750	56	0.020439	0.02007	0.97993	100000	2007	98194	6746949	67.47
1-4	1	4	0.5	10789	12	0.001133	0.00452	0.99548	97993	443	391086	6648755	67.85
5-9	5	5	0.5	14386	8	0.000532	0.002655	0.997345	97550	259	487103	6257669	64.15
10-14	10	5	0.5	16078	9	0.000582	0.002903	0.997097	97291	282	485749	5770567	59.31
15-19	15	5	0.5	17770	23	0.001291	0.006437	0.993563	97009	624	483482	5284818	54.48
20-24	20	5	0.5	18828	28	0.00149	0.007421	0.992579	96384	715	480132	4801336	49.81
25-29	25	5	0.5	19886	52	0.002602	0.012928	0.987072	95669	1237	475252	4321204	45.17
30-34	30	5	0.5	19463	63	0.00325	0.016118	0.983882	94432	1522	468355	3845952	40.73
35-39	35	5	0.5	16924	78	0.004627	0.022868	0.977132	92910	2125	459238	3377597	36.35
40-44	40	5	0.5	15655	96	0.006113	0.030105	0.969895	90785	2733	447094	2918358	32.15
45-49	45	5	0.5	14174	114	0.008064	0.039523	0.960477	88052	3480	431561	2471264	28.07
50-54	50	5	0.5	12059	140	0.011585	0.056295	0.943705	84572	4761	410958	2039704	24.12
55-59	55	5	0.5	9731	137	0.014058	0.067901	0.932099	79811	5419	385507	1628746	20.41
60-64	60	5	0.5	8674	167	0.019277	0.091952	0.908048	74392	6841	354858	1243239	16.71
65-69	65	5	0.5	6135	192	0.031238	0.144878	0.855122	67551	9787	313290	888381.1	13.15
70-74	70	5	0.5	4020	251	0.062365	0.269767	0.730233	57765	15583	249866	575091.4	9.96
75-79	75	5	0.5	2327	218	0.093871	0.380145	0.619855	42182	16035	170820	325225.9	7.71
80-85	80	5	0.5	1269	182	0.143349	0.527649	0.472351	26146	13796	96242	154405.6	5.91
85+	85	0	0.5	635	135	0.212338	1	0	12350	12350	58163	58163.49	4.71
All ages				211553	1961								

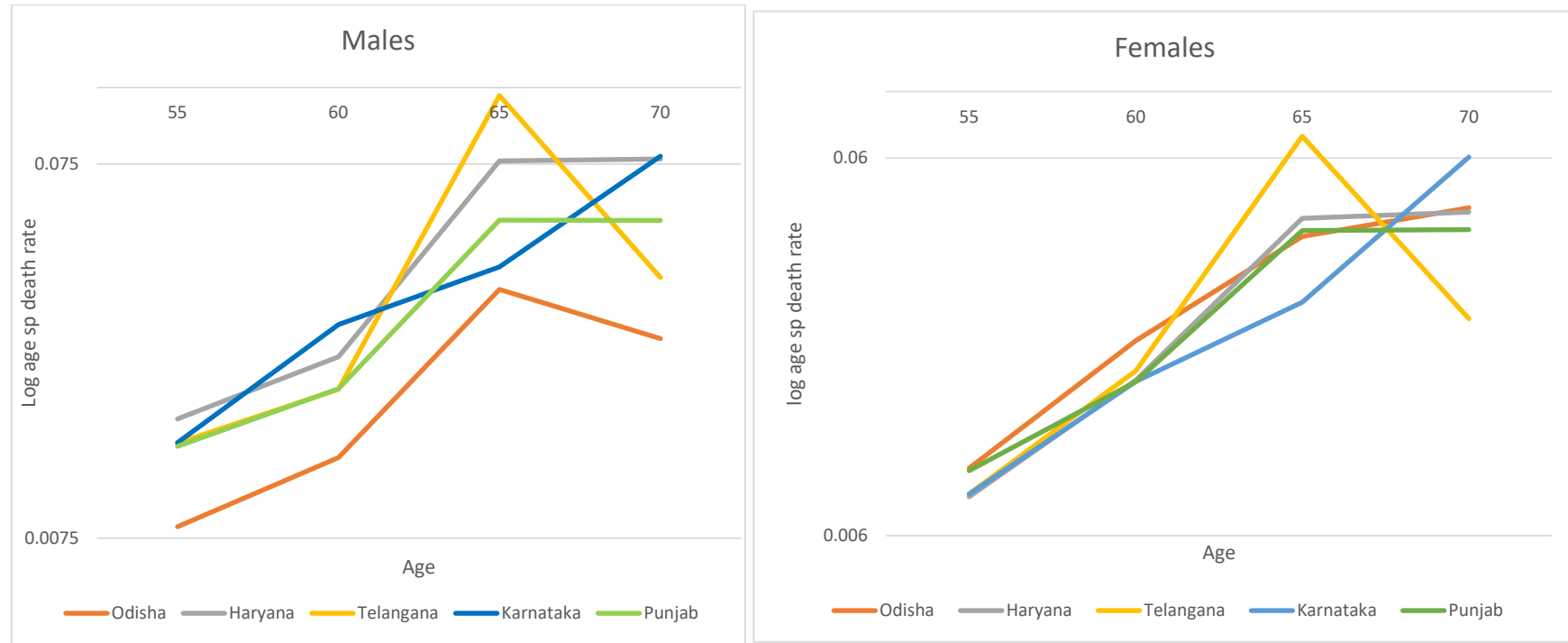
ANDAMAN & NICOBAR ISLANDS

Estimated abridged life table for 2019

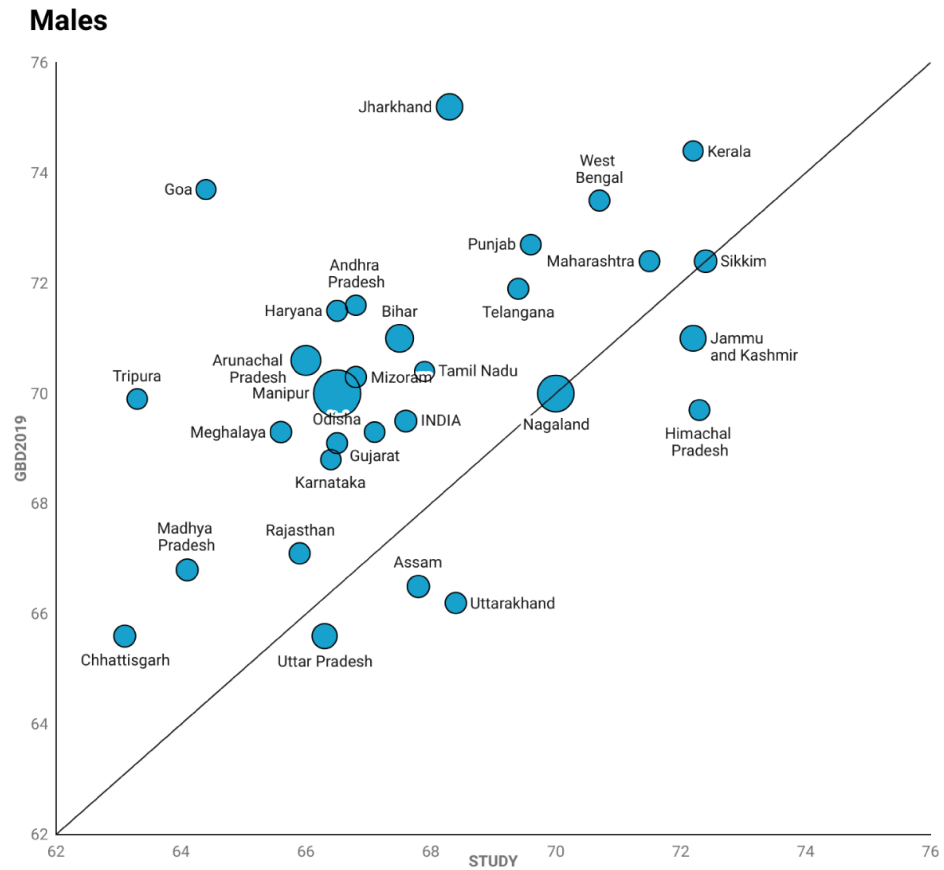
FEMALES

<i>Age</i>	<i>x</i>	<i>n</i>	<i>ax</i>	<i>pop</i>	<i>death</i>	<i>Mx</i>	<i>qx</i>	<i>px</i>	<i>lx</i>	<i>dx</i>	<i>Lx</i>	<i>Tx</i>	<i>ex</i>
<1	0	1	0.1	2317	46	0.019851	0.019502	0.980498	100000	1950	98245	7268235	72.68
1-4	1	4	0.5	8988	11	0.001279	0.005103	0.994897	98050	500	391198	7169990	73.13
5-9	5	5	0.5	12231	7	0.000589	0.002939	0.997061	97549	287	487030	6778792	69.49
10-14	10	5	0.5	13343	9	0.00066	0.003292	0.996708	97263	320	485513	6291761	64.69
15-19	15	5	0.5	14455	13	0.000872	0.004349	0.995651	96943	422	483659	5806248	59.89
20-24	20	5	0.5	17976	15	0.000857	0.004274	0.995726	96521	413	481573	5322589	55.14
25-29	25	5	0.5	18532	27	0.001457	0.007258	0.992742	96108	698	478798	4841016	50.37
30-34	30	5	0.5	16494	33	0.002001	0.009954	0.990046	95411	950	474680	4362218	45.72
35-39	35	5	0.5	15196	29	0.001895	0.009431	0.990569	94461	891	470078	3887539	41.15
40-44	40	5	0.5	13528	35	0.002602	0.012926	0.987074	93570	1209	464827	3417461	36.52
45-49	45	5	0.5	11675	42	0.003585	0.017763	0.982237	92361	1641	457702	2952633	31.97
50-54	50	5	0.5	10934	51	0.004678	0.02312	0.97688	90720	2097	448357	2494931	27.50
55-59	55	5	0.5	9081	88	0.009713	0.047413	0.952587	88623	4202	432608	2046575	23.09
60-64	60	5	0.5	7227	108	0.014915	0.071896	0.928104	84421	6069	406930	1613966	19.12
65-69	65	5	0.5	5560	135	0.024258	0.114356	0.885644	78351	8960	369356	1207037	15.41
70-74	70	5	0.5	3521	143	0.040493	0.183851	0.816149	69391	12758	315062	837680.2	12.07
75-79	75	5	0.5	2409	163	0.067681	0.289432	0.710568	56634	16392	242189	522618	9.23
80-85	80	5	0.5	1112	126	0.113546	0.442204	0.557796	40242	17795	156722	280428.9	6.97
85+	85	0	0.5	741	135	0.181452	1	0	22447	22447	123707	123706.7	5.51
All ages				185320	1216								

Appendix Figure 1 : *Logarithmic age-specific death rates at ages 55 to 70+ years for males and females in selected states of India with high overall completeness of death registration in 2019*

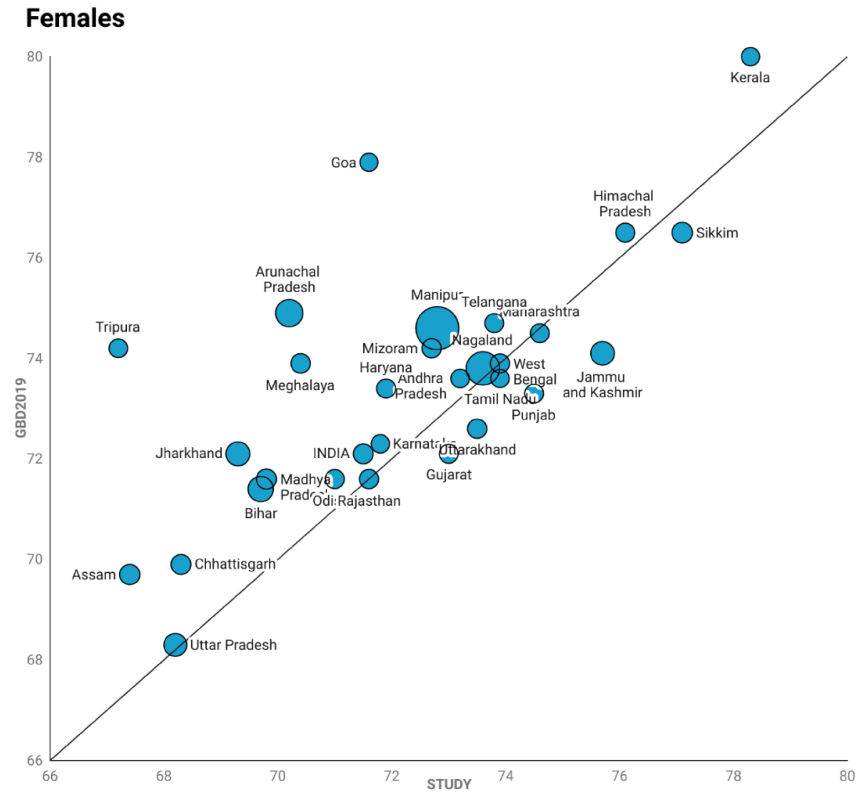


Appendix Figure 2a: Comparison of Study* and GBD life expectancies at birth for males, 2019



*Study CRS life expectancies represented by bubbles scaled according to the magnitude of final adjustment factors applied to CRS data in their derivation

Appendix Figure 2b: Comparison of Study* and GBD life expectancies at birth for females, 2019



*Study CRS life expectancies represented by bubbles scaled according to the magnitude of final adjustment factors applied to CRS data in their derivation