

R.B. Shari: Census of India 1971; Life Tables, Series I, Paper I of 1977; New Delhi, 1977, p. 14-37.



CENSUS OF INDIA 1971

SERIES I

I N D I A

Paper 1 of 1977

LIFE TABLES

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Registrar General & Census Commissioner, India.

SOUTHERN ZONE--MALES

Life Table (1961-70)

Age	Survivors to exact age x	Deaths between ages x and x + 1	Probability of dying between ages x and x + 1	Number living between ages x and x + 1	Number living above age x	Expectation of life at age x
x	l_x	d_x	q_x	L_x	T_x	e_x^o
1	2	3	4	5	6	7
0	100000	11120	.11120	91660	4751726	47.5
1	88880	3116	.03506	87042	4600066	52.4
2	85764	1092	.01273	85185	4573024	53.3
3	84672	846	.00999	84232	4487839	53.0
4	83826	646	.00770	83497	4403607	52.5
5	83180	486	.00584	82937	4320110	51.9
6	82694	361	.00437	82514	4237173	51.2
7	82333	269	.00326	82199	4154659	50.5
8	82064	205	.00250	81962	4072460	49.6
9	81859	165	.00201	81777	3990498	48.7
10	81694	148	.00181	81620	3908721	47.8
11	81546	150	.00184	81471	3827101	46.9
12	81396	272	.00334	81260	3745630	46.0
13	81124	317	.00391	80966	3664370	45.2
14	80807	350	.00433	80632	3583404	44.3
15	80457	402	.00500	80256	3502772	43.5
16	80055	424	.00529	79843	3422516	42.8
17	79631	447	.00561	79408	3342673	42.0
18	79184	472	.00596	78948	3263265	41.2
19	78712	497	.00631	78464	3184317	40.5
20	78215	522	.00667	77954	3105853	39.7
21	77693	547	.00704	77420	3027899	39.0
22	77146	569	.00738	76862	2950479	38.2
23	76577	591	.00771	76282	2873617	37.5
24	75986	611	.00804	75681	2797335	36.8
25	75375	629	.00834	75061	2721654	36.1
26	74746	647	.00865	74423	2646593	35.4
27	74099	657	.00886	73771	2572170	34.7
28	73442	657	.00894	73114	2498399	34.0
29	72785	650	.00893	72460	2425285	33.3
30	72135	643	.00891	71814	2352825	32.6
31	71492	636	.00889	71174	2281011	31.9
32	70856	631	.00890	70541	2209837	31.2
33	70225	629	.00896	69911	2139296	30.5
34	69596	631	.00906	69281	2069385	29.7
35	68965	634	.00919	68648	2000104	29.0
36	68331	643	.00941	68010	1931456	28.3
37	67688	646	.00955	67365	1863446	27.5
38	67042	640	.00955	66722	1796081	26.8
39	66402	632	.00951	66086	1729359	26.0

SOUTHERN ZONE—MALES—(concl.)

Age	Survivors to exact age x	Deaths between ages x and x + 1	Probability of dying between ages x and x+1	Number living between ages x and x + 1	Number living above age x	Expectation of life at age x
x	l_x	d_x	q_x	L_x	T_x	e_x^o
1	2	3	4	5	6	7
40	65770	630	.00958	65455	1663273	25.3
41	65140	632	.00970	64824	1597818	24.5
42	64508	656	.01017	64180	1532994	23.8
43	63852	714	.01118	63495	1468814	23.0
44	63138	793	.01256	62742	1405319	22.3
45	62345	872	.01398	61909	1342577	21.5
46	61473	953	.01551	60997	1280668	20.8
47	60520	1033	.01707	60004	1219671	20.2
48	59487	1107	.01861	58934	1159667	19.5
49	58380	1176	.02015	57792	1100733	18.9
50	57204	1249	.02183	56580	1042941	18.2
51	55955	1324	.02366	55293	986361	18.1
52	54631	1388	.02541	53937	931068	17.0
53	53243	1437	.02698	52525	877131	16.5
54	51806	1476	.02850	51068	824606	15.9
55	50330	1517	.03014	49572	773538	15.4
56	48813	1555	.03185	48036	723966	14.8
57	47258	1603	.03392	46457	675930	14.3
58	45655	1667	.03650	44882	629473	13.8
59	43988	1735	.03944	43121	584591	13.3
60	42253	1793	.04243	41357	541470	12.8
61	40460	1840	.04547	39540	500113	12.4
62	38620	1878	.04862	37681	460573	11.9
63	36742	1905	.05185	35790	422892	11.5
64	34837	1921	.05513	33877	387102	11.1
65	32916	1924	.05844	31954	353225	10.7
66	30992	1914	.06176	30035	321271	10.4
67	29078	1892	.06505	28132	291236	10.0
68	27186	1857	.06830	26258	263104	9.7
69	25329	1811	.07148	24424	236846	9.4
70	23518	1759	.07479	22639	212422	9.0
71	21759	1694	.07787	20912	189783	8.7
72	20065	1624	.08094	19253	168871	8.4
73	18441	1549	.08399	17667	149618	8.1
74	16892	1470	.08704	16157	131951	7.8
75	15422	1389	.09007	14728	115794	7.5
76	14033	1306	.09310	13380	101066	7.2
77	12727	1198	.09411	12128	87686	6.9
78	11529	1143	.09912	10958	75558	6.6
79	10386	1061	.10211	9856	64600	6.2
80	9325	980	.10510	8835	54744	5.9
81	8345	902	.10807	7894	45909	5.5
82	7443	827	.11105	7030	38015	5.1
83	6616	754	.11399	6239	30985	4.7
84	5862	686	.11694	5519	24746	4.2
85+	5176	—	—	19227	19227	3.7

SOUTHERN ZONE—FEMALES

Life Table (1961-70)

Age	Survivors to exact age x	Deaths between ages x and x+1	Probability of dying between ages x and x+1	Number living between ages x and x+1	Number living above age x	Expectation of life at age x
x	l_x	d_x	q_x	L_x	T_x	e_x^0
1	2	3	4	5	6	7
0	100000	9970	.09970	92523	4639514	46.4
1	90030	3498	.03885	87966	4546991	50.5
2	86532	1707	.01972	85627	4459025	51.5
3	84825	1338	.01577	84129	4373398	51.6
4	83487	1033	.01237	82960	4289269	51.4
5	82454	785	.00952	82062	4206309	51.0
6	81669	594	.00727	81372	4124247	50.5
7	81075	432	.00533	80859	4042875	49.9
8	80643	316	.00392	80485	3962016	49.1
9	80327	233	.00290	80211	3881531	48.3
10	80094	179	.00223	80005	3801320	47.5
11	79915	152	.00190	79839	3721315	46.6
12	79763	277	.00347	79625	3641476	45.7
13	79486	316	.00397	79328	3561851	44.8
14	79170	334	.00422	79003	3482523	44.0
15	78836	374	.00474	78649	3403520	43.2
16	78462	403	.00513	78261	3324871	42.4
17	78059	423	.00542	77848	3246610	41.6
18	77636	437	.00563	77418	3168762	40.8
19	77199	446	.00577	76976	3091344	40.0
20	76753	452	.00589	76527	3014368	39.3
21	76301	457	.00599	76073	2937841	38.5
22	75844	462	.00609	75613	2861768	37.7
23	75382	470	.00624	75147	2786155	37.0
24	74912	478	.00638	74673	2711008	36.2
25	74434	482	.00647	74193	2636335	35.4
26	73952	500	.00676	73702	2562142	34.7
27	73452	563	.00766	73171	2488440	33.9
28	72889	638	.00875	72570	2415269	33.1
29	72251	708	.00980	71897	2342699	32.4
30	71543	777	.01086	71155	2270802	31.7
31	70766	835	.01180	70349	2199647	31.1
32	69931	874	.01249	69494	2129298	30.5
33	69057	899	.01302	68608	2059804	29.8
34	68158	925	.01357	67696	1991196	29.2
35	67233	951	.01414	66758	1923500	28.6
36	66282	965	.01456	65800	1856742	28.0
37	65317	963	.01475	64836	1790942	27.4
38	64354	953	.01481	63878	1726106	26.8
39	63401	943	.01487	62930	1662228	26.2

SOUTHERN ZONE—FEMALES—(concl.d.)

Age	Survivors to exact age x	Deaths between ages x and x + 1	Probability of dying between ages x and x+1	Number living between ages x and x + 1	Number living above age x	Expectation of life at age x
x	l_x	d_x	q_x	L_x	T_x	e_x^0
1	2	3	4	5	6	7
40	62458	933	.01494	61992	1599298	25.6
41	61525	928	.01508	61061	1537306	25.0
42	60597	932	.01538	60131	1476245	24.4
43	59665	943	.01580	59194	1416114	23.7
44	58722	952	.01621	58246	1356920	23.1
45	57770	960	.01662	57290	1298674	22.5
46	56810	978	.01721	56321	1241384	21.9
47	55832	1009	.01807	55328	1185063	21.2
48	54823	1046	.01908	54300	1129735	20.6
49	53777	1084	.02015	53235	1075435	20.0
50	52693	1128	.02141	52129	1022200	19.4
51	51565	1153	.02236	50989	970071	18.8
52	50412	1151	.02283	49837	919082	18.2
53	49261	1135	.02303	48694	869245	17.6
54	48126	1131	.02350	47561	820551	17.1
55	46995	1136	.02417	46427	772990	16.5
56	45859	1155	.02518	45282	726563	15.8
57	44704	1191	.02664	44109	681281	15.2
58	43513	1242	.02854	42892	637172	14.6
59	42271	1300	.03075	41621	594280	14.1
60	40971	1366	.03334	40288	552659	13.5
61	39605	1441	.03639	38885	512371	12.9
62	38164	1524	.03992	37402	473486	12.4
63	36640	1611	.04397	35835	436084	11.7
64	35029	1701	.04856	34179	400249	11.2
65	33328	1791	.05373	32433	366070	10.7
66	31537	1881	.05965	30597	333637	10.6
67	29656	1869	.06302	28722	303040	10.2
68	27787	1837	.06610	26869	274318	9.9
69	25950	1795	.06917	25053	247449	9.5
70	24155	1745	.07223	23283	222396	9.2
71	22410	1687	.07528	21567	199113	8.9
72	20723	1623	.07833	19912	177546	8.6
73	19100	1554	.08136	18323	157634	8.3
74	17546	1481	.08438	16806	139311	7.9
75	16065	1404	.08739	15363	122505	7.6
76	14661	1325	.09040	13999	107142	7.3
77	13336	1245	.09339	12714	93143	7.0
78	12091	1165	.09637	11509	80429	6.7
79	10926	1085	.09934	10384	68920	6.3
80	9841	1007	.10231	9338	58536	6.0
81	8834	930	.10526	8369	49198	5.6
82	7904	855	.10820	7477	40829	5.2
83	7049	783	.11114	6658	33352	4.7
84	6266	715	.11406	5909	26694	4.3
85+	5551	—	—	20785	20785	3.7

