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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.

APPENDIX A
ALL-INDIA—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^o_x
1	2	3	4	5	6	7
0	100000	13013	.13013	90891	4637190	46.4
1	86987	3282	.03773	85018	4546299	52.3
2	83705	976	.01166	83217	4461281	53.3
3	82729	866	.01047	82383	4378064	52.9
4	81863	771	.00942	81632	4295681	52.5
5	81092	688	.00849	80748	4214049	52.0
6	80404	618	.00769	80095	4133301	51.4
7	79786	559	.00700	79507	4053206	50.8
8	79227	509	.00643	78973	3973699	50.2
9	78718	469	.00596	78484	3894726	49.5
10	78249	437	.00558	78031	3816242	48.8
11	77812	412	.00529	77606	3738211	48.0
12	77400	394	.00509	77203	3660605	47.3
13	77006	381	.00494	76816	3583402	46.5
14	76625	374	.00488	76438	3506586	45.8
15	76251	375	.00492	76064	3430148	45.0
16	75876	380	.00501	75686	3354084	44.2
17	75496	388	.00514	75302	3278398	43.6
18	75108	399	.00531	74909	3203096	42.6
19	74709	408	.00546	74505	3128187	41.9
20	74301	410	.00552	74096	3053682	41.1
21	73891	410	.00555	73686	2979586	40.3
22	73481	413	.00562	73275	2905900	39.5
23	73068	416	.00569	72860	2832625	38.8
24	72652	422	.00581	72441	2759765	38.0
25	72230	430	.00594	72015	2687324	37.2
26	71800	439	.00611	71581	2615309	36.4
27	71361	450	.00630	71136	2543728	35.6
28	70911	462	.00652	70680	2472592	34.9
29	70449	476	.00675	70211	2401912	34.1
30	69973	491	.00701	69728	2331701	33.3
31	69482	508	.00731	69228	2261973	32.6
32	68974	526	.00763	68711	2192745	31.8
33	68448	546	.00797	68175	2124034	31.0
34	67902	568	.00836	67618	2055859	30.3
35	67334	591	.00878	67039	1988241	29.5
36	66743	617	.00924	66435	1921202	28.8
37	66126	635	.00960	65809	1854767	28.0
38	65491	674	.01029	65154	1788953	27.3
39	64817	708	.01093	64463	1723804	26.6

ALL-INDIA—MALES—(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^o
1	2	3	4	5	6	7
40	64109	734	.01145	63742	1669341	25.9
41	63375	757	.01194	62997	1595599	25.2
42	62618	782	.01249	62227	1532602	24.5
43	61836	808	.01307	61432	1470375	23.8
44	61028	845	.01385	60606	1408943	23.1
45	60183	898	.01492	59734	1348337	22.4
46	59285	960	.01619	58805	1288603	21.7
47	58325	1020	.01749	57815	1229798	21.1
48	57305	1082	.01888	56764	1171983	20.5
49	56223	1132	.02014	55657	1115219	19.8
50	55091	1165	.02114	54509	1059562	19.2
51	53926	1187	.02201	53333	1005053	18.6
52	52739	1214	.02302	52132	951720	18.0
53	51525	1245	.02416	50903	899588	17.5
54	50280	1276	.02538	49642	848685	16.9
55	49004	1308	.02669	48350	799043	16.3
56	47696	1342	.02813	47025	750693	15.7
57	46354	1380	.02977	45664	703668	15.2
58	44974	1422	.03162	44263	658004	14.6
59	43552	1468	.03371	42818	613741	14.1
60	42084	1518	.03608	41325	570923	13.6
61	40566	1572	.03875	39780	529598	13.1
62	38994	1628	.04175	38180	489818	12.6
63	37366	1686	.04512	36523	451638	12.1
64	35680	1764	.04943	34798	415115	11.6
65	33916	1790	.05277	33021	380317	11.2
66	32126	1803	.05611	31225	347296	10.8
67	30323	1802	.05943	29422	316071	10.4
68	28521	1790	.06275	27626	286649	10.1
69	26731	1766	.06605	25848	259023	9.7
70	24965	1731	.06934	24100	233175	9.3
71	23234	1687	.07262	22391	209075	9.0
72	21547	1635	.07589	20730	186684	8.7
73	19912	1576	.07914	19124	165954	8.3
74	18336	1511	.08239	17581	146830	8.0
75	16825	1436	.08532	16107	129249	7.7
76	15389	1367	.08884	14706	113142	7.4
77	14022	1291	.09205	13377	98436	7.0
78	12731	1213	.09525	12125	85059	6.7
79	11518	1134	.09844	10951	72934	6.3
80	10384	1055	.10161	9857	61983	6.0
81	9329	978	.10479	8840	52126	5.6
82	8351	901	.10793	7901	43286	5.2
83	7450	828	.11108	7036	35385	4.7
84	6622	756	.11421	6244	28349	4.3
85+	5866	—	—	22105	22105	3.8

ALL-INDIA—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^o
1	2	3	4	5	6	7
0	100000	12837	12837	91014	4465447	44.7
1	87163	2969	.03406	85382	4374437	50.2
2	84194	1348	.01601	83520	4289051	50.9
3	82846	1198	.01446	82367	4205531	50.8
4	81648	1072	.01313	81326	4123164	50.5
5	80576	971	.01205	80091	4041838	50.2
6	79605	893	.01122	79159	3961747	49.8
7	78712	832	.01057	78296	3882588	49.3
8	77880	728	.00935	77516	3804292	48.8
9	77152	658	.00852	76823	3726776	48.3
10	76494	593	.00775	76198	3649953	47.7
11	75901	518	.00683	75642	3573755	47.1
12	75383	443	.00588	75162	3498113	46.4
13	74940	340	.00454	74770	3422951	45.7
14	74600	273	.00366	74464	3348181	44.9
15	74327	260	.00350	74197	3273717	44.0
16	74067	283	.00382	73926	3199520	43.2
17	73784	294	.00398	73637	3125594	42.4
18	73490	304	.00414	73338	3051957	41.5
19	73186	315	.00430	73029	2978619	40.7
20	72871	324	.00445	72709	2905590	39.9
21	72547	334	.00460	72380	2832881	39.0
22	72213	336	.00465	72045	2760501	38.2
23	71877	342	.00476	71706	2688456	37.4
24	71535	345	.00482	71363	2616750	36.6
25	71190	386	.00542	70997	2545387	35.8
26	70804	447	.00631	70581	2474390	34.9
27	70357	507	.00720	70104	2403809	34.2
28	69850	568	.00813	69566	2333705	33.4
29	69282	621	.00896	68972	2264139	32.7
30	68661	656	.00956	68333	2195167	32.0
31	68005	680	.01000	67665	2126834	31.3
32	67325	708	.01051	66971	2059169	30.6
33	66617	735	.01103	66250	1992198	29.9
34	65882	766	.01162	65499	1925948	29.2
35	65116	803	.01233	64715	1860449	28.6
36	64313	843	.01310	63892	1795734	27.9
37	63470	880	.01386	63030	1731842	27.3
38	62590	916	.01463	62132	1668812	26.7
39	61674	947	.01535	61201	1606680	26.1

ALL-INDIA—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^o
1	2	3	4	5	6	7
40	60727	970	.01597	60242	1545479	25.4
41	59757	989	.01655	59263	1485237	24.9
42	58768	1006	.01712	58265	1425974	24.3
43	57762	1021	.01767	57252	1367709	23.7
44	56741	1038	.01829	56222	1310457	23.1
45	55703	1061	.01904	55173	1254235	22.5
46	54642	1086	.01987	54099	1199062	21.9
47	53556	1079	.02014	53017	1144963	21.4
48	52477	1076	.02050	51939	1091946	20.8
49	51401	1079	.02099	50862	1040007	20.2
50	50322	1077	.02141	49784	989145	19.7
51	49245	1076	.02184	48707	939361	19.1
52	48169	1074	.02229	47632	890654	18.5
53	47095	1073	.02279	46559	843022	17.9
54	46022	1072	.02330	45486	796463	17.3
55	44950	1085	.02414	44408	750977	16.7
56	43865	1111	.02532	43310	706569	16.1
57	42754	1145	.02677	42182	663259	15.5
58	41609	1189	.02857	41015	621077	14.9
59	40420	1244	.03077	39798	580062	14.4
60	39176	1308	.03339	38522	540264	13.8
61	37858	1382	.03650	37177	501742	13.2
62	36486	1464	.04012	35754	464565	12.7
63	35022	1551	.04428	34247	428811	12.2
64	33471	1641	.04902	32651	394564	11.8
65	31830	1661	.05217	31000	361913	11.4
66	30169	1675	.05553	29332	330913	11.0
67	28494	1671	.05865	27659	301581	10.6
68	26823	1654	.06167	25996	273922	10.2
69	25169	1630	.06477	24354	247926	9.9
70	23539	1598	.06787	22740	223572	9.5
71	21941	1557	.07096	21163	200832	9.2
72	20384	1509	.07403	19630	179669	8.8
73	18875	1455	.07710	18148	160039	8.5
74	17420	1396	.08015	16722	141891	8.1
75	16024	1333	.08320	15358	125169	7.8
76	14691	1267	.08623	14058	109811	7.5
77	13424	1198	.08926	12825	95753	7.1
78	12226	1128	.09227	11662	82928	6.8
79	11098	1057	.09528	10570	71266	6.4
80	10041	987	.09827	9548	60696	6.0
81	9054	917	.10126	8596	51148	5.6
82	8137	848	.10423	7713	42552	5.2
83	7289	781	.10720	6899	34839	4.8
84	6508	717	.11015	6150	27940	4.3
85+	5791	—	—	21790	21790	3.8