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Abridged Life Tables of Pakistan and Provinces by Sex, 1962

by

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INTRODUCTION

Mortality in a population is measured by a number of demographic indices such as the crude death rate, the infant mortality rate, the age-specific death rate or the standardised death rate. Still another more comprehensive method of portraying mortality conditions in a population is by means of a life table. A life table as compared to other mortality indices serves many useful purposes. For measuring longevity of life, projecting current population into the future or estimating incidence of widowhood and orphanhood, a life table is essential. For comparison of expectation of life (or average duration of life) at birth and after birth for various ages of different populations the life table is also commonly used. Besides its utility in demographic problems, still another important use of a life table is made by actuaries in life insurance. The life table is also becoming an important tool of investigation for problems of commerce and industry as it enables one to describe the expectation of life of many non-human populations. For detailed discussion of various kinds of life tables and their uses, the reader is advised to refer to any one of many standard reference works [6, Chapters 12 and 13].

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TABLE 3

ABRIDGED LIFE TABLE BY SEX FOR WEST PAKISTAN, 1962

(Series A : Chandra-Deming Factors included)

Age in years and sex	Life table death rate	Probability of surviving between age x and x + n	Number of deaths between age x and x + n	Survivors at exact age x	Years lived between age x and x + n	Total years lived after exact age x	Expectation of life (average number of years lived after exact age x)
	$1000 n^q_x$	n^p_x	n^d_x	l_x	L_x	T_x	$^o e_x$
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Both sexes							
Under 1	152.000	.848000	15,200	100,000	89,360	4,823,828	48.24
1-4	98.151	.901849	8,323	84,800	362,873	4,734,468	55.83
5-9	14.897	.985103	1,139	76,477	379,538	4,371,595	57.16
10-14	9.954	.990046	750	75,338	374,815	3,992,057	52.99
15-19	29.590	.970410	2,207	74,588	367,422	3,617,242	48.50
20-24	19.817	.980183	1,434	72,381	358,320	3,249,820	44.90
25-29	24.714	.975286	1,753	70,947	350,352	2,891,500	40.76
30-34	29.590	.970410	2,047	69,194	340,852	2,541,148	36.72
35-39	24.714	.975286	1,659	67,147	331,588	2,200,296	32.77
40-44	29.590	.970410	1,938	65,488	322,595	1,868,708	28.54
45-49	29.590	.970410	1,880	63,550	313,050	1,546,113	24.33
50-54	63.091	.936909	3,891	61,670	298,622	1,233,063	19.99
55-59	77.120	.922880	4,456	57,779	277,755	934,441	16.17
60-64	109.105	.890895	5,818	53,323	252,070	656,686	12.32
65-69	153.029	.846971	7,270	47,505	219,350	404,616	8.52
70 & over	1000.000	0	40,235	40,235	185,266	185,266	4.60

---(contd.)---

TABLE 3 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Males							
Under 1	160,000	.840000	16,000	100,000	88,800	4,942,747	49.43
1—4	85,472	.914528	7,180	84,000	361,845	4,853,947	57.79
5—9	14,897	.985103	1,144	76,820	381,230	4,492,102	58.48
10—14	9,954	.990046	753	75,676	376,498	4,110,872	54.32
15—19	19,817	.980183	1,485	74,923	370,902	3,734,374	49.84
20—24	14,897	.985103	1,094	73,438	364,455	3,363,472	45.80
25—29	24,714	.975286	1,788	72,344	357,250	2,999,017	41.45
30—34	24,714	.975286	1,744	70,556	348,420	2,641,767	37.44
35—39	14,897	.985103	1,025	68,812	341,498	2,293,347	33.33
40—44	29,590	.970410	2,006	67,787	333,920	1,951,849	28.79
45—49	29,590	.970410	1,946	65,781	324,040	1,617,929	24.60
50—54	63,091	.936909	4,027	63,835	309,108	1,293,889	20.27
55—59	58,371	.941629	3,491	59,808	290,312	984,781	16.47
60—64	86,365	.913635	4,864	56,317	269,425	694,469	12.33
65—69	190,844	.809156	9,819	51,453	232,718	425,044	8.26
70 & over	1000,000	0	41,634	41,634	192,326	192,326	4.62

(contd.)

TABLE 3 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Females							
Under 1	143.000	.857000	14,300	100,000	89,990	4,743,233	47.43
1—4	110.416	.889584	9,463	85,700	364,358	4,653,243	54.30
5—9	19.817	.980183	1,511	76,237	377,408	4,288,885	56.26
10—14	9.954	.990046	744	74,726	371,770	3,911,477	52.34
15—19	34.442	.965558	2,548	73,982	363,540	3,539,707	47.85
20—24	19.817	.980183	1,416	71,434	353,630	3,176,167	44.46
25—29	24.714	.975286	1,730	70,018	345,765	2,822,537	40.31
30—34	29.590	.970410	2,021	68,288	336,388	2,476,772	36.27
35—39	29.590	.970410	1,961	66,267	326,432	2,140,384	32.30
40—44	34.442	.965558	2,215	64,306	315,992	1,813,952	28.21
45—49	29.590	.970410	1,837	62,091	305,862	1,497,960	24.13
50—54	53.629	.946371	3,231	60,254	293,192	1,192,098	19.78
55—59	104.599	.895401	5,965	57,023	270,202	898,906	15.76
60—64	135.705	.864295	6,929	51,058	237,968	628,704	12.31
65—69	104.599	.895401	4,616	44,129	209,105	390,736	8.85
70 & over	1000.000	0	39,513	39,513	181,631	181,631	4.60