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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 4  
ABRIDGED LIFE TABLE BY SEX FOR PAKISTAN, 1962

(Series B : Based on (LR) Registered Deaths)

Age in years and $x$	Life table death rate $1000 n^d x$	Probability of surviving between age $x$ and $x+n$ $n^p x$	Number of deaths between age $x$ and $x+n$ $n^d x$	Survivors at exact age $x$ $I_x$	Years lived between age $x$ and $x+n$ $n^L x$	Total years lived after exact age $x$ $T_x$	Expectation of life (average number of years lived after exact age $x$ ) $o e_x$
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>Both sexes</b>							
Under 1	148.900	.851100	14,890	100,000	89,577	4,927,696	49.28
1-4	78.975	.921025	6,722	85,110	367,870	4,838,119	56.85
5-9	14.897	.985103	1,168	78,388	389,020	4,470,249	57.03
10-14	9.954	.990046	769	77,220	384,178	4,081,229	52.85
15-19	19.817	.980183	1,515	76,451	378,468	3,697,051	48.36
20-24	14.897	.985103	1,116	74,936	371,890	3,318,583	44.29
25-29	29.590	.970410	2,184	73,820	363,640	2,946,693	39.92
30-34	19.817	.980183	1,420	71,636	354,630	2,583,053	36.06
35-39	24.714	.975286	1,735	70,216	346,742	2,228,423	31.74
40-44	39.272	.960728	2,689	68,481	335,682	1,881,681	27.48
45-49	44.080	.955920	2,900	65,792	321,710	1,545,999	23.50
50-54	58.371	.941629	3,671	62,892	305,282	1,224,289	19.47
55-59	104.599	.895401	6,194	59,221	280,620	919,007	15.52
60-64	135.705	.864295	7,196	53,027	247,145	638,387	12.04
65-69	148.728	.851272	6,816	45,831	212,115	391,242	8.54
70 & over	1000.000	0	39,015	39,015	179,127	179,127	4.59

(contd.)

TABLE 4 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>Males</b>							
Under 1	154.300	.845700	15,430	100,000	89,199	5,107,845	51.08
1-4	72.370	.927630	6,120	84,570	366,795	5,018,646	59.34
5-9	14.897	.958103	1,169	78,450	389,328	4,651,851	59.30
10-14	4.989	.995011	386	77,281	385,440	4,262,523	55.16
15-19	9.954	.990046	765	76,895	382,562	3,877,083	50.42
20-24	9.954	.990046	758	76,130	378,755	3,494,521	45.90
25-29	19.817	.980183	1,494	75,372	373,125	3,115,766	41.34
30-34	14.897	.985103	1,101	73,878	366,638	2,742,641	37.12
35-39	24.714	.975286	1,799	72,777	359,388	2,376,003	32.65
40-44	29.590	.970410	2,100	70,978	349,640	2,016,615	28.41
45-49	34.442	.965558	2,372	68,878	338,460	1,666,975	24.20
50-54	53.629	.946371	3,567	66,506	323,612	1,328,515	19.98
55-59	90.955	.909045	5,725	62,939	300,382	1,004,903	15.97
60-64	90.955	.909045	5,204	57,214	273,060	704,521	12.31
65-69	186.721	.813279	9,711	52,010	235,772	431,461	8.30
70 & over	1000.000	0	42,299	42,299	195,689	195,689	4.63

(contd.)

TABLE 4 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>Females</b>							
Under 1	138.500	.861500	13,870	100,000	90,305	4,784,968	47.85
1—4	82.237	.917763	7,085	86,150	371,734	4,694,663	54.49
5—9	19.817	.980183	1,567	79,065	391,408	4,322,929	54.68
10—14	9.954	.990046	771	77,498	385,562	3,931,521	50.73
15—19	24.714	.975286	1,896	76,727	378,895	3,545,959	46.22
20—24	19.817	.980183	1,483	74,831	370,448	3,167,064	42.32
25—29	39.272	.960728	2,881	73,348	359,537	2,796,616	38.13
30—34	29.590	.970410	2,085	70,467	347,122	2,437,079	34.58
35—39	29.590	.970410	2,023	68,382	336,852	2,089,957	30.56
40—44	48.866	.951134	3,243	66,359	323,688	1,753,105	26.42
45—49	53.629	.946371	3,385	63,116	307,118	1,429,417	22.65
50—54	67.789	.932211	4,049	59,731	288,532	1,122,299	18.79
55—59	122.498	.877502	6,821	55,682	261,358	833,767	14.97
60—64	190.844	.809156	9,325	48,861	220,992	573,409	11.74
65—69	90.955	.909045	3,596	39,536	188,690	352,417	8.91
70 & over	1000.000	0	35,940	35,940	163,727	163,727	4.56