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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 6
ABRIDGED LIFE TABLE BY SEX FOR WEST PAKISTAN, 1962

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

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	nL_x	T_x	$o_e x$
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Both Sexes							
Under 1	158.700	.841300	15,870	100,000	88,891	4,933,637	49.34
1-4	85.472	.914528	7,191	84,130	326,405	4,844,746	57.59
5-9	14.897	.985103	1,146	76,939	381,830	4,482,341	58.26
10-14	4.989	.995011	378	75,793	378,020	4,100,511	54.10
15-19	24.714	.975286	1,864	75,415	372,415	3,722,491	49.36
20-24	14.897	.985103	1,096	73,551	365,015	3,350,076	45.55
25-29	19.817	.980183	1,436	72,455	358,685	2,985,061	41.20
30-34	24.714	.975286	1,755	71,019	350,708	2,626,376	36.98
35-39	24.714	.975286	1,712	69,264	342,040	2,275,668	32.85
40-44	34.442	.965558	2,327	67,552	331,942	1,933,628	28.62
45-49	29.590	.970410	1,930	65,225	321,300	1,601,686	24.56
50-54	53.629	.946371	3,394	63,295	307,990	1,280,386	20.23
55-59	72.465	.927535	4,341	59,901	288,650	972,396	16.23
60-64	113.590	.886410	6,311	55,560	262,022	683,746	12.31
65-69	148.728	.851272	7,325	49,249	227,932	421,724	8.56
70 & over	1000.000	0	41,924	41,924	193,792	193,792	4.62

(contd.)

TABLE 6 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Males							
Under 1	161.500	.838500	16,150	100,000	88,695	5,084,654	50.85
1—4	78.975	.921025	6,622	83,850	362,426	4,995,959	59.58
5—9	9.954	.990046	769	77,228	384,218	4,633,533	60.00
10—14	9.954	.990046	761	76,459	380,392	4,249,315	55.58
15—19	14.897	.985103	1,128	75,698	375,670	3,868,923	51.11
20—24	14.897	.985103	1,111	74,570	370,072	3,493,253	46.85
25—29	14.897	.985103	1,094	73,459	364,560	3,123,181	42.52
30—34	14.897	.985103	1,078	72,365	359,130	2,758,621	38.12
35—39	14.897	.985103	1,062	71,287	353,780	2,399,491	33.66
40—44	29.590	.970410	2,078	70,225	345,930	2,045,711	29.13
45—49	29.590	.970410	2,016	68,147	335,695	1,699,781	24.94
50—54	53.629	.946371	3,547	66,131	321,788	1,364,086	20.63
55—59	53.629	.946371	3,356	62,584	304,530	1,042,298	16.65
60—64	81.753	.918247	4,842	59,228	284,035	737,768	12.46
65—69	182.578	.817422	9,930	54,386	247,105	453,733	8.34
70 & over	1000.000	0	44,456	44,456	206,628	206,628	4.65

(contd.)

TABLE 6 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Females							
Under 1	155.600	.844400	15,560	100,000	89,108	4,782,426	47.82
1—4	91.864	.908136	7,757	84,440	362,527	4,693,318	55.58
5—9	14.897	.985103	1,142	76,683	380,560	4,330,791	56.48
10—14	4.989	.995011	377	75,541	376,762	3,950,231	52.29
15—19	34.442	.965558	2,589	75,164	369,348	3,573,469	47.54
20—24	14.897	.985103	1,081	72,575	360,172	3,204,121	44.15
25—29	24.714	.975286	1,767	71,494	353,052	2,843,949	39.78
30—34	34.442	.965558	2,402	69,727	342,630	2,490,897	35.72
35—39	34.442	.965558	2,319	67,325	330,828	2,148,267	31.91
40—44	39.272	.960728	2,553	65,006	318,648	1,817,439	27.96
45—49	34.442	.965558	2,151	62,453	306,888	1,498,791	24.00
50—54	53.629	.946371	3,234	60,302	293,425	1,191,903	19.77
55—59	95.525	.904475	5,451	57,068	271,712	898,478	15.74
60—64	153.029	.846971	7,899	51,617	238,338	626,766	12.14
65—69	100.072	.899928	4,375	43,718	207,652	388,428	8.88
70 & over	1000.000	0	39,343	39,343	180,776	180,776	4.59