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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].

TABLE 2

ABRIDGED LIFE TABLE BY SEX FOR EAST PAKISTAN, 1962

(Series A : Chandra-Deming Factors included)

Age in years and sex	Life table death rate $1000\,{}_nq_x$	Probability of surviving between age x and x+n ${}_np_x$	Number of deaths between age x and x+n ${}_nd_x$	Survivors at exact age x l_x	Years lived between age x and x+n ${}_nL_x$	Total years lived after exact age x T_x	Expectation of life (average number of years lived after exact age x) ${}^oe_x$
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Both Sexes							
Under 1	144.000	.856000	14,400	100,000	89,920	4,687,273	46.87
1—4	88.681	.911319	7,591	85,600	368,120	4,597,353	53.70
5—9	29.590	.970410	2,308	78,009	384,275	4,229,233	54.21
10—14	9.954	.990046	754	75,701	376,620	3,844,958	50.79
15—19	14.897	.985103	1,116	74,947	371,945	3,468,338	46.28
20—24	14.897	.985103	1,100	73,831	366,405	3,096,393	41.94
25—29	39.272	.960728	2,856	72,731	356,515	2,729,988	37.54
30—34	24.714	.975286	1,727	69,875	345,058	2,373,473	33.97
35—39	34.442	.965558	2,347	68,148	334,872	2,028,415	29.76
40—44	53.629	.946371	3,529	65,801	320,182	1,693,543	25.74
45—49	67.789	.932211	4,221	62,272	300,808	1,373,361	22.05
50—54	67.789	.932211	3,935	58,051	280,418	1,072,553	18.48
55—59	118.054	.881946	6,389	54,116	254,608	792,135	14.64
60—64	178.416	.821584	8,515	47,727	217,348	537,527	11.26
65—69	190.844	.809156	7,483	39,212	177,352	320,179	8.17
70 & over	1000.000	0	31,729	31,729	142,827	142,827	4.50

—(contd.)—

TABLE 2 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Males							
Under 1	156.000	.844000	15,600	100,000	89,080	4,898,537	48.99
1—4	78.975	.921025	6,665	84,400	364,804	4,809,457	56.98
5—9	24.714	.975286	1,921	77,735	383,872	4,444,653	57.18
10—14	9.954	.990046	755	75,814	377,182	4,060,781	53.56
15—19	9.954	.990046	747	75,059	373,428	3,683,599	49.08
20—24	9.954	.990046	740	74,312	369,710	3,310,171	44.54
25—29	19.817	.980183	1,458	73,572	364,215	2,940,461	39.97
30—34	14.897	.985103	1,074	72,114	357,885	2,576,246	35.72
35—39	29.590	.970410	2,102	71,040	349,945	2,218,361	31.23
40—44	29.590	.970410	2,040	68,938	339,590	1,868,416	27.10
45—49	53.629	.946371	3,588	66,898	325,520	1,528,826	22.85
50—54	58.371	.941629	3,695	63,310	307,312	1,203,306	19.01
55—59	109.105	.890895	6,504	59,615	281,815	895,994	15.03
60—64	113.590	.886410	6,033	53,111	250,472	614,179	11.56
65—69	258.056	.741944	12,149	47,078	205,018	363,607	7.73
70 & over	1000.000	0	34,929	34,929	158,689	158,689	4.54

—(contd.)—

TABLE 2 (*Contd.*)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Females							
Under 1	132.000	.868000	13,200	100,000	90,760	4,482,233	44.82
1—4	95.020	.904980	8,248	86,800	372,042	4,391,473	51.59
5—9	34.442	.965558	2,705	78,552	385,998	4,019,431	52.09
10—14	9.954	.990046	755	75,847	377,348	3,633,433	47.90
15—19	19.817	.980183	1,488	75,092	371,740	3,256,085	43.36
20—24	19.817	.980183	1,459	73,604	364,372	2,884,345	39.19
25—29	53.629	.946371	3,869	72,145	351,052	2,519,973	34.93
30—34	39.272	.960728	2,681	68,276	334,678	2,168,921	31.77
35—39	44.080	.955920	2,891	65,595	320,748	1,834,243	27.96
40—44	81.753	.918247	5,126	62,704	300,705	1,513,495	24.14
45—49	81.753	.918247	4,707	57,578	276,122	1,212,790	21.06
50—54	81.753	.918247	4,322	52,871	253,550	936,668	17.72
55—59	135.705	.864295	6,588	48,549	226,275	683,118	14.07
60—64	250.425	.749575	10,508	41,961	183,535	456,843	10.89
65—69	109.105	.890895	3,432	31,453	148,685	273,308	8.69
70 & over	1000.000	0	28,021	28,021	124.623	124,623	4.45