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Abridged Life Tables of Pakistan and Provinces by Sex, 1962

by

MUHAMMAD ASLAM
SULTAN S. HASHMI
AND
WILLIAM SELTZER*

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 5

ABRIDGED LIFE TABLE BY SEX FOR EAST 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)
	$1000\ {}_nq_x$	$_np_x$	$_nd_x$	l_x	$_nL_x$	T_x	$\overset{o}{e}_x$
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Both Sexes							
Under 1	138.100	.861900	13,830	100,000	90,333	4,931,222	49.31
1—4	72.370	.927630	6,238	86,190	373,820	4,840,889	56.17
5—9	19.817	.980183	1,584	79,952	395,800	4,467,069	55.87
10—14	9.954	.990046	780	78,368	389,890	4,071,269	51.95
15—19	14.897	.985103	1,156	77,588	385,050	3,681,379	47.45
20—24	14.897	.985103	1,139	76,432	379,312	3,296,329	43.13
25—29	39.272	.960728	2,957	75,293	369,072	2,917,017	38.74
30—34	19.817	.980183	1,433	72,336	358,098	2,547,945	35.22
35—39	29.590	.970410	2,098	70,903	349,270	2,189,847	30.89
40—44	39.272	.960728	2,702	68,805	337,270	1,840,577	26.75
45—49	53.629	.946371	3,545	66,103	321,652	1,503,307	22.74
50—54	63.091	.936909	3,947	62,558	302,922	1,181,655	18.89
55—59	126.921	.873079	7,439	58,611	274,458	878,733	14.99
60—64	157.310	.842690	8,050	51,172	235,735	604,275	11.81
65—69	144.407	.855593	6,227	43,122	200,042	368,540	8.55
70 & over	1000.000	0	36,895	36,895	168,498	168,498	4.57

TABLE 5 (Contd.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Males							
Under 1	149.000	.851000	14,900	100,000	89,570	5,122,110	51.22
1—4	69.026	.930974	5,874	85,100	369,734	5,032,540	59.14
5—9	19.817	.980183	1,570	79,226	392,205	4,662,806	58.85
10—14	4.989	.995011	387	77,656	787,312	4,270,601	54.99
15—19	4.989	.995011	385	77,269	385,382	3,883,289	50.26
20—24	9.954	.990046	765	76,884	382,508	3,497,907	45.50
25—29	19.817	.980183	1,508	76,119	376,825	3,115,399	40.92
30—34	9.954	.990046	743	74,611	371,198	2,738,574	36.70
35—39	29.590	.970410	2,186	73,868	363,875	2,367,376	32.05
40—44	24.714	.975286	1,772	71,682	353,980	2,003,501	27.95
45—49	44.080	.955920	3,082	69,910	341,845	1,649,521	23.59
50—54	48.866	.951134	3,266	66,828	325,975	1,307,676	19.57
55—59	118.054	.881946	7,504	63,562	299,050	981,701	15.44
60—64	100.072	.899928	5,610	56,058	266,265	682,651	12.18
65—69	190.844	.809156	9,628	50,448	228,170	416,386	8.25
70 & over	1000.000	0	40,820	40,820	188,216	188,216	4.61

——————(contd.)

TABLE 5 (*Contd.*)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Females							
Under 1	126.400	.873600	126,400	100,000	91,152	4,791,364	47.91
1—4	75.686	.924314	6,612	87,360	378,243	4,700,212	53.80
5—9	19.817	.980183	1,600	80,748	399,740	4,321,969	53.52
10—14	14.897	.985103	1,179	79,148	392,792	3,922,229	49.56
15—19	19.817	.980183	1,545	77,969	385,982	3,529,437	45.27
20—24	19.817	.980183	1,514	76,424	378,335	3,143,455	41.13
25—29	53.629	.946371	4,017	74,910	364,508	2,765,120	36.91
30—34	24.714	.975286	1,752	70,893	350,085	2,400,612	33.86
35—39	29.590	.970410	2,046	69,141	340,590	2,050,527	29.66
40—44	58.371	.941629	3,916	67,095	325,685	1,709,937	25.49
45—49	63.091	.936909	3,986	63,179	305,930	1,384,252	21.91
50—54	77.120	.922880	4,565	59,193	284,552	1,078,322	18.22
55—59	140.066	.859934	7,652	54,628	254,010	793,770	14.53
60—64	215.182	.784818	10,108	46,976	209,610	539,760	11.49
65—69	81.753	.918247	3,014	36,868	176,805	330,150	8.95
70 & over	1000.000	0	33,854	33,854	153,345	153,345	4.53