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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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Appendix

TABLE 1

ABRIDGED LIFE TABLE BY SEX FOR 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)
	$1000\ {}_nq_x$	${}_np_x$	${}_nd_x$	l_x	${}_nL_x$	T_x	$^{o}e_x$
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Both Sexes							
Under 1	147.000	.853000	14,700	100,000	89,710	4,750,056	47.50
1—4	91.864	.908136	7,836	85,300	366,219	4,660,346	54.63
5—9	24.714	.975286	1,914	77,464	382,535	4,294,127	55.43
10—14	9.954	.990046	752	75,550	375,870	3,911,592	51.77
15—19	19.817	.980183	1,482	74,798	370,285	3,535,722	47.27
20—24	19.817	.980183	1,453	73,316	362,948	3,165,437	43.18
25—29	29.590	.970410	2,126	71,863	354,000	2,802,489	39.00
30—34	24.714	.975286	1,723	69,737	344,378	2,448,489	35.11
35—39	29.590	.970410	2,013	68,014	335,038	2,104,111	30.94
40—44	44.080	.955920	2,909	66,001	322,732	1,769,073	26.80
45—49	53.629	.946371	3,384	63,092	307,000	1,446,341	22.92
50—54	67.789	.932211	4,048	59,708	288,420	1,139,341	19.08
55—59	100.072	.899928	5,570	55,660	264,375	850,921	15.29
60—64	148.728	.851272	7,450	50,090	231,825	586,546	11.71
65—69	174.234	.825766	7,429	42,640	194,628	354,721	8.32
70 & over	1000.000	0	35,211	35,211	160,093	160,093	4.55

—*(contd.)*—

TABLE 1 (*Contd.*)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Males							
Under 1	158.000	.842000	15,800	100,000	88,940	4,891,120	48.91
1—4	82.237	.917763	6,924	84,200	363,321	4,802,180	57.03
5—9	19.817	.980183	1,531	77,276	382,552	4,438,859	57.44
10—14	9.954	.990046	754	75,745	376,840	4,056,307	53.55
15—19	14.897	.985103	1,117	74,991	372,162	3,679,467	49.07
20—24	14.897	.985103	1,101	73,874	366,618	3,307,305	44.77
25—29	24.714	.975286	1,799	72,773	359,368	2,940,687	40.41
30—34	19.817	.980183	1,406	70,974	351,355	2,581,319	36.37
35—39	24.714	.975286	1,719	69,568	343,542	2,229,964	32.05
40—44	29.590	.970410	2,008	67,849	334,225	1,886,422	27.80
45—49	44.080	.955920	2,902	65,841	321,950	1,552,197	23.57
50—54	58.371	.941629	3,674	62,939	305,510	1,230,247	19.55
55—59	86.365	.913635	5,118	59,265	283,530	924,737	15.60
60—64	100.072	.899928	5,419	54,147	257,188	641,207	11.84
65—69	238.843	.761157	11,638	48,728	214,545	384,019	7.88
70 & over	1000.000	0	37,090	37,090	169,474	169,474	4.57

—(*contd.*)—

TABLE 1 (*Contd.*)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Females							
Under 1	136.000	.864000	13,600	100,000	90,480	4,586,884	45.87
1—4	101.255	.898745	8,748	86,400	369,117	4,496,404	52.04
5—9	29.590	.970410	2,298	77,652	382,515	4,127,287	53.15
10—14	9.954	.990046	750	75,354	374,895	3,744,772	49.70
15—19	24.714	.975286	1,844	74,604	368,410	3,369,877	45.17
20—24	19.817	.980183	1,442	72,760	360,195	3,001,467	41.25
25—29	39.272	.960728	2,801	71,318	349,588	2,641,272	37.04
30—34	34.442	.965558	2,360	68,517	336,685	2,291,684	33.45
35—39	39.272	.960728	2,598	66,157	324,290	1,954,999	29.55
40—44	63.091	.936909	3,710	63,559	307,770	1,630,709	25.66
45—49	63.091	.936909	3,757	59,549	288,352	1,322,939	22.22
50—54	72.465	.927535	4,043	55,792	268,852	1,034,587	18.54
55—59	122.498	.877502	6,339	51,749	242,898	765,735	14.80
60—64	203.099	.796901	9,223	45,410	203,992	522,837	11.51
65—69	100.072	.899928	3,621	36,187	171,882	318,845	8.81
70 & over	1000.000	0	32,566	32,566	146,963	146,963	4.51