Provisional Abridged Life Tables for Urban and Rural Areas in Pakistan, Based on PGS 1968 and 1971

NASEEM IQBAL FAROOQUI
and
IQBAL ALAM

Introduction

As is the case in many other countries, mortality has been undergoing substantial, though not precisely understood, changes in Pakistan. In the absence of a reliable and adequate system of vital registration in the country, the precise measurement of these changes is well nigh impossible. In Pakistan, an attempt to estimate levels of fertility and mortality on a sample basis was made through the Population Growth Estimation (PGE) project undertaken from 1962 through 1965 [5, 12]. Subsequently, another demographic survey, called the Population Growth Survey (PGS), was initiated and carried out from 1968 through 1971 [13]. In the PGE a dual system of data collection was utilized based on continuous (Longitudinal) registration and a periodic (Cross-Sectional) survey. In the PGS, data were collected through periodic surveys only. Data from the PGS have only recently been made available to researchers. The present set of life tables is based on the mortality statistics collected in 1968 and 1971 field operations of the PGS.

Mortality conditions in Pakistan have shown considerable improvement during the last 25 years [9, 15]. Information for the early years is based mostly on special studies undertaken by Khan [8,9]. The crude death rate, estimated to range between 29 and 32 deaths per 1,000 population in 1951 [15], fell to the range of 12—16 in 1962-65, as derived from the PGE estimates [5], and is estimated to be 11—12 for 1968-71[1] [13]. We may, however, point out that the

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Appendix Table I A

Abridged Life Tables for Pakistan, based on PGS: 1968 and 1971 Average

Age Group (x)	Probability of dying between age x and age x+1 ($_nq_x$)	Survivors at exact age x (l_x)	Number of deaths bewteen age x and age x+1 ($_nd_x$)	Years lived between age x and age x+1 ($_nL_x$)	Total years lived after exact (T_x)	Expectation of life.[1] ($e°_x$)
Males						
0	0.1226500	1,00,000	12,265	91,415	52,90,501	52.90
1 — 4	0.0591707	87,735	5,191	3,70,039	51,99,086	59.26
5 — 9	0.0153890	82,544	1,270	4,09,545	48,29,047	58.50
10 — 14	0.0077179	81,274	627	4,04,803	44,19,502	54.38
15 — 19	0.0084049	80,647	678	4,01,540	40,14,699	49.78
20 — 24	0.0091893	79,969	735	3,98,008	36,13,159	45.18
25 — 29	0.0099886	79,234	791	3,94,193	32,15,151	40.58
30 — 34	0.0119114	78,443	934	3,89,880	28,20,958	35.96
35 — 39	0.0143433	77,509	1,112	38,4,765	24,31,078	31.37
40 — 44	0.0181835	76,397	1,389	3,78,513	20,46,313	26.79
45 — 49	0.0246062	75,008	1,846	3,70,425	16,67,800	22.23
50 — 54	0.0361566	73,162	2,645	3,59,198	12,97,375	17.73
55 — 59	0.0589185	70,517	4,155	3,42,198	9,38,177	13.30
60 — 64	0.1087985	66,362	7,220	3,13,760	5,95,979	8.98
65 +	1.0000000	59,142	59,142	2,82,219	2,82,219	4.77

—*Continued*

[1]Average number of years lived after exact age x.

Appendix Table I A Continued

(x)	$({}_nq_x)$	(l_x)	$({}_nd_x)$	$({}_nL_x)$	(T_x)	$(e°_x)$
Females						
0	0.1059500	1,00,000	10,595	92,544	51,80,117	51.80
1 — 4	0.0686888	89,405	6,141	3,44,724	50,87,573	56.90
5 — 9	0.0158810	83,264	1,322	4,13,015	47,42,849	56.96
10 — 14	0.0152118	81,942	1,246	4,06,595	43,29,834	52.84
15 — 19	0.0157137	80,696	1,268	4,00,310	39,23,239	48.62
20 — 24	0.0164074	79,428	1,303	3,93,883	35,22,929	44.35
25 — 29	0.0173717	78,125	1,357	3,87,233	31,29,046	40.05
30 — 34	0.0187444	76,768	1,439	3,80,243	27,41,813	35.72
35 — 39	0.0207229	75,329	1,561	3,72,743	23,61,570	31.35
40 — 44	0.0236709	73,768	1,746	3,64,475	19,88,827	26.96
45 — 49	0.0282247	72,022	2,033	3,55,028	16,24,352	22.55
50 — 54	0.0356156	69,989	2,493	3,43,713	12,69,324	18.14
55 — 59	0.0484017	67,496	3,267	3,29,313	9,25,611	13.71
60 — 64	0.0677890	64,229	4,354	3,10,260	5,96,298	9.28
65 +	1.0000000	59,875	59,875	2,86,038	2,86,038	4.78