

Pakistan Institute of Development Economics: Provisional Abridged Life Tables for Urban and Rural Areas in Pakistan, Based on PGS 1968 and 1971 (by Naseem Iqbal Farooqui/Iqbal Alam); In: The Pakistan development review : PDR (1974)3, p. 335-352.

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 1968-71¹ [13]. We may, however, point out that the

*The authors are Staff Demographer and Research Demographer respectively at the Pakistan Institute of Development Economics (PIDE), Islamabad (Pakistan). They acknowledge helpful suggestions and comments of Mehtab S. Karim, Mohammad Afzal and J. Gilbert Hardee on an earlier draft. The authors alone, however, take full responsibility for any errors or omissions.

¹The data for 1971 are based on Provisional Tables provided to the PIDE by the Statistical Division, Government of Pakistan.

Appendix Table I B
 Abridged Life Table for Urban Areas of Pakistan, Based on PGS: 1968 and 1971 Average

(x)	(a ₀ x)	(l _x)	(a _d x)	(L _x)	(T _x)	(e _x)
Males						
0	0.13115000	1,00,000	13,115	90,820	54,52,879	54.53
1 — 4	0.0347610	86,885	3,020	3,41,199	53,62,059	61.71
5 — 9	0.0114369	83,865	959	4,16,928	50,20,860	59.87
10 — 14	0.0023043	82,906	191	4,14,053	46,03,932	55.53
15 — 19	0.0031519	82,715	261	4,12,923	41,89,879	50.65
20 — 24	0.0043592	82,454	359	4,11,373	37,76,956	45.81
25 — 29	0.0060929	82,095	500	4,09,225	33,65,583	41.00
30 — 34	0.0086134	81,595	704	4,06,215	29,56,358	36.23
35 — 39	0.0123257	80,891	997	4,01,963	25,50,143	31.53
40 — 44	0.0178456	79,894	1,426	3,95,905	21,48,180	26.89
45 — 49	0.0261444	78,468	2,051	3,87,213	17,52,275	22.33
50 — 54	0.0387480	76,417	2,961	3,76,683	13,65,062	17.86
55 — 59	0.0580485	73,456	4,264	3,56,620	9,90,379	13.48
60 — 64	0.0877714	69,192	6,073	3,30,778	6,33,759	9.16
65 +	1.0000000	63,119	63,119	3,02,981	3,02,981	4.80

—Continued

Appendix Table I B continued

(x)	(q_x)	(l_x)	(d_x)	(l_{x+1})	(T_x)	(e_x)
<i>Females</i>						
0	0.0942000	1,00,000	9,420	93,406	53,64,049	53.64
1 — 4	0.0601988	90,580	5,453	3,50,869	52,70,643	58.19
5 — 9	0.0124255	85,127	1,058	4,22,990	49,19,774	57.79
10 — 14	0.0040092	84,069	337	4,19,503	44,96,784	53.49
15 — 19	0.0072041	83,732	603	4,17,153	40,77,281	48.69
20 — 24	0.0114191	83,129	949	4,13,273	36,60,128	44.03
25 — 29	0.0163954	82,180	1,347	4,07,533	32,46,855	39.51
30 — 34	0.0217792	80,833	1,760	3,99,765	28,39,322	35.13
35 — 39	0.0272184	79,073	2,152	3,89,985	24,39,557	30.85
40 — 44	0.0324244	76,921	2,494	3,78,370	20,49,572	26.65
45 — 49	0.0372001	74,427	2,769	3,65,213	16,71,202	22.45
50 — 54	0.0414361	71,658	2,969	3,50,868	13,05,989	18.23
55 — 59	0.0451061	68,689	3,098	3,35,700	9,55,121	13.91
60 — 64	0.0482135	65,591	3,162	3,20,050	6,19,421	9.44
65 +	1.0000000	62,429	62,429	2,99,371	2,99,371	4.80