

No. 89

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1960-1990

by

Farhat Yusuf
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INTRODUCTION

This is the second report on population projections which have been compiled by the Demographic Section of the Pakistan Institute of Development Economics at the request of the Town Planning Directorate of Peshawar Region, Government of West Pakistan. The requirements of the Town Planning Directorate were as follows:

- (i) Population projections by age and sex for each district and district headquarter town in Peshawar Division,
- (ii) Population projections for each agency of Peshawar Division and for each district/agency of Malakand Division.

*Dr. Yusuf is Senior Research Demographer and Mr. Farooqi is a Staff Demographer at the Institute. Neither the Pakistan Institute of Development Economics nor the Town Planning Directorate of Peshawar Region, Government of West Pakistan are responsible for the views expressed in this report. The authors will like to acknowledge the help of Mr. Mushfeq-us-Salaheen and Mr. Khurshid Alam Siddiqui of the National Bank of Pakistan for their assistance in programming and for making available their IBM 1401 Computer facilities for this Project.

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In this report an attempt has been made to review briefly the available demographic data, the methodology and results of the population projections done for Peshawar Valley which includes all the districts and agencies of Peshawar and Malakand Divisions.

AVAILABLE DATA

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As pointed out in our previous report we have utilized the data available from three sources - the decennial population censuses, the Population Growth Estimation Project (PGE) and the Population Growth Survey (PGS). Since the birth and death statistics from population census are usually very inaccurate, it was therefore felt desirable not to use them, however, the age-sex distributions and population totals from the census have been utilized. The census population totals together with the intercensal population growth rates have been used for estimating the extent of net internal migration in Peshawar Valley. In order to determine the fertility and mortality levels the PGE and PGS data were utilized. Two types of

1. Farhat Yusuf and M. Naseem Iqbal Farooqi, Population Projections for Rawalpindi City: 1960-1990, Research Report No. 88, Pakistan Institute of Development Economics, Karachi, February 1970.

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PGE data were available. One based on the LR system and the other based on the Chandra-Deming (CD) adjustments.² We have used the 1964-65 average of the LR and CD vital statistics for the PGE sample area in Peshawar Valley. Since the FGS fertility and mortality data have not been tabulated so far, we did some hand tallies in order to extract the relevant data for the PGS sample areas in Peshawar Valley. Strictly speaking the unweighted PGE and PGS sample figures may not represent the true situation in Peshawar Valley, therefore, for comparative purposes we have also considered the fertility and mortality estimates for West Pakistan based on the 1964-65 average of the LR and CD vital statistics of PGE.

METHODOLOGY

In order to estimate the population totals by age and sex breakdown for each district and district headquarter town of Peshawar Division we first projected the population of whole of the Division (excluding the agencies)³ by using the component method with special

2. Report of the Population Growth Estimation Experiment - Description and Some Results for 1962 and 1963, Pakistan Institute of Development Economics, Karachi, 1968.
3. United Nations, Methods for Population Projection by Sex and Age, United Nations, New York, 1965.

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adjustments for the net internal migration in Peshawar Division. For the agencies of Peshawar Division and for the districts/agencies of the Malakand Division the population totals were projected by using the geometric growth rate formula.

Methodology of Population Projections for Peshawar Division Excluding the agencies

For the application of component method we required the age-sex distribution, the age specific fertility rates and the age-sex specific mortality and migration rates for the base year 1960 and all these statistics except the age-sex distribution for the terminal year 1990 for Peshawar Division. The estimates for base year and the terminal year statistics were derived as described in the following paragraphs.

Base Year Population: Table 1 shows the per cent age-sex distribution for Peshawar Division as reported in the 1961 Census. Obviously, the census age-sex distributions could have been affected by misreporting of ages and problems such as the lack of coverage and age-sex selective under and in some cases over-enumeration. In the absence of any definite evidence about substantial lack of coverage and over or under-enumeration in Peshawar Division we did not make any adjustments in the total population. However, in

TABLE I-THE 1961 CENSUS ACTUAL AND SMOOTHED PROPORTIONATE AGE-SEX DISTRIBUTION AND THE ESTIMATED MID 1960 AGE-SEX DISTRIBUTION FOR PESHAWAR DIVISION

Age group	Actual proportionate distribution*		Smoothed proportionate distribution		Estimated mid 1960 population	
	M	F	M	F	M	F
00-04	16.79	17.88	17.22	17.80	356,963	341,287
05-09	17.73	17.24	15.15	14.93	314,052	286,259
10-14	10.92	9.67	12.31	11.62	255,181	222,795
15-19	8.28	7.96	8.74	8.27	181,176	158,564
20-24	7.01	7.17	7.32	7.55	151,740	144,759
25-29	6.66	7.53	6.53	7.16	135,364	137,282
30-34	5.91	6.78	5.72	6.44	118,573	123,477
35-39	4.58	5.01	5.10	5.53	105,721	106,029
40-44	4.81	4.81	4.33	4.43	89,759	84,938
45-49	3.60	3.47	4.15	4.05	86,028	77,652
50-54	4.04	3.87	3.27	3.12	67,786	59,821
55-59	2.18	2.03	2.83	2.66	58,665	51,001
60-64	2.27	2.10	2.06	1.90	42,703	36,429
65-69	1.73	1.57	1.72	1.56	35,655	29,911
70-74	1.16	1.00	1.23	1.07	25,497	20,516
75-79	0.79	0.65	1.16	0.97	24,046	18,598
80+	1.53	1.26	1.16	0.94	24,046	18,023
ALL AGES	100.00	100.00	100.00	100.00	2,072,955	1,917,341

* The Census Organization gave the population figures for ten year age groups for ages 60 and over. The quinquennial age groups beyond this age were derived by using the formula given in United Nations op.cit.p. 15.

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order to remove some of the distortions in the age⁴ distributions resulting from misreporting of ages we did smooth the age distributions for males and females by the moving averages. The smoothed age distributions are presented in the fourth and fifth columns of Table 1. It is evident that the process of smoothing did not make any substantial changes in the age distributions. In order to estimate the mid 1960 age-sex distribution for Peshawar Division we projected the 1951 Census population of Peshawar Division to the mid 1960 level by using the intercensal population growth rates separately for males and females. The resulting population totals were then distributed by using the smoothed per cent age distributions so as to get the mid 1960 age-sex distribution for Peshawar Division which is presented in the sixth and seventh columns of Table 1.

Base Year Fertility and Mortality Levels: Some alternate estimates of various fertility and mortality measures for Peshawar Division are presented in the second and third

4. Sultan S. Hashmi, Main Features of the Demographic Conditions in Pakistan, Asian Population Conference, New Delhi, 1963.

Farhat Yusuf, "On the Extent of Digital Preference in Reporting of Ages in Pakistan", Pakistan Development Review, Vol. 7, No. 4, Spring 1967.

TABLE II: ESTIMATES OF VARIOUS FERTILITY AND MORTALITY MEASURES
FOR PESHAWAR DIVISION AND WEST PAKISTAN

Parameters	Peshawar Division		West Pakistan++
	PGE*	PGS**	
Crude birth rate	53	33	47
Crude death rate	13	15	17
Total fertility rate	7.3	5.3	7.0
Infant mortality rates			
Males	80	168	123
Females	126	65	141

* Based on the unweighted average of 1964-65 LR and CD estimates for the PGE sample area in Peshawar Division.

** Based on the unweighted 1968 vital statistics for the PGS sample area in Peshawar Division.

++ Based on the weighted average of 1964-65 LR and CD estimates for West Pakistan.

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columns of Table II. As pointed out earlier the unweighted vital statistics for the PGE and PGS sample areas may not necessarily represent the true situation in the Division. In order to determine the mid 1960 fertility level in Peshawar Division we assumed that the total fertility rate (TFR) for the Division was 7.5, that is, about 7 per cent higher than that for West Pakistan. Using the per cent distribution of the West Pakistan age specific fertility rates (ASFR) given in the second and third columns of Table III we estimated the ASFR corresponding to TFR of 7.5 thus arriving at an estimate of ASFR for Peshawar Division for the period 1960-1965. The ASFR for Peshawar Division given in fourth column of Table III yielded a crude birth rate of 45 per 1000 population. In order to arrive at a population growth rate consistent with the 1951-61 intercensal growth rate we had to assume a crude death rate in the vicinity of 20 per 1000 population. The age-sex distribution of Peshawar Division was such that only the North level 14 model life table for males and North level 11 model life table for females yielded a crude death rate of about 20 per 1000 population.⁵ Thus, these model

5. Ansley J. Coale and Paul Demeny, Regional Model Life Tables and Stable Population, Princeton University Press, Princeton, 1964

TABLE III: AGE SPECIFIC FERTILITY RATES (ASFR) FOR WEST PAKISTAN
AND FOR PESHAWAR DIVISION

Age group	ASFRs of West Pakistan*	Percent distribution	ASFRs of Peshawar Division for the period	
			1960-65	1985-90
15-19	114.0	8.22	123.3	98.6
20-24	258.5	18.64	279.6	233.7
25-29	323.8	23.36	350.4	280.3
30-34	329.7	23.78	356.7	285.4
35-39	219.6	15.84	237.6	190.1
40-44	88.1	6.35	95.3	76.2
45-49	52.7	3.80	57.0	45.6
ALL AGES	1386.4	100.00	1500.0	1200.0
TFR	6.9	-	7.5	6.0

* Based on the average of 1964-65 LR and CD weighted estimates for PGE sample areas in West Pakistan.

life tables were assumed to represent the mortality schedule in Peshawar Division for the base period 1960-65.

Base Year Migration Levels: The net migration in West Pakistan compared to the total population is so little that one can safely assume that the population growth rate (PGR) and the rate of natural increase (RNI) are identical. Applying the intercensal PGR of West Pakistan (viz. 2.43 per annum) on the 1961 population of Peshawar Division, we estimated that the population as on the 1961 census date will be about 41,59,680 persons. However, the enumerated population in 1961 census was 40,39,655 persons. The difference between these two figures gave us an estimate of net out migration from Peshawar Division of the order of 1,20,025 persons between the 1951 and 1961 censuses. This yielded a net out-migration rate of -0.267 per cent per annum. With regard to the age-sex specific migration rate it was assumed that most of the out migrants are young men in the age range 20-39 years, who go out in search of job and usually leave their families and particularly their womenfolk in their home villages. Thus, we arbitrary decided that in the base period 80 per cent of the migrants were males and 20 per cent were females and that the migration rates were equal in all the age groups in the age range 20-39 years.

Assumptions for Future Population Growth: The following assumptions were made with regard to the components of future population growth in Peshawar Division:

- (1) The TFR would decline linearly from 7.5 for the period 1960-65 to 6.2 for the period 1985-90. The corresponding ASFRs were calculated by using the per cent distribution of the West Pakistan ASFRs given in the third column of Table III.
- (2) The improvement in mortality conditions during the period 1960-65 to 1985-90 will such that the expectation of life at birth for males will increase by 4 years and for females the increase will be around 7 years. The corresponding model life tables for the period 1985-90 were North level 16 for males and North level 14 for females. The mortality levels for the intermediate periods were interpolated linearly.
- (3) The net out-migration rate would decline exponentially from 2.67 per 1000 population per annum for the period 1960-65 to zero per cent for the period 1985-90 and will be applicable only to

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persons in the age group 20-39 years. Moreover, the proportion of male out-migrants will decline from 80 to 50 per cent and the proportion for females will increase from 20 to 50 per cent during the projection period.

- (4) The sex ratio at birth was assumed to remain constant at 105 males per 100 females during the projection period.

Population Projections for the Districts of Peshawar Division

Table IV shows that the per cent age-sex distribution for the four districts of Peshawar Division were not substantially different from the per cent age-sex distribution for the whole division. This prompted us to project first the population totals for the individual districts by using the projected population growth rates for Peshawar Division and then applying the relevant projected per cent age-sex distribution of Peshawar Division to arrive at the population projection of the four districts by age and sex breakdown. This decision was taken in view of the nonavailability of demographic data needed for projecting the population by age and sex at the district level.

TABLE IV - DIFFERENCES IN PERCENT AGE-SEX DISTRIBUTIONS OF VARIOUS DISTRICTS FROM THE CORRESPONDING DISTRIBUTION FOR PESHAWAR DIVISION

Age	Hazara		Mardan		Peshawar		Kohat	
	Male	Female	Male	Female	Male	Female	Male	Female
0-9	-1.60	-0.37	0.23	-0.18	2.30	0.91	-3.62	-1.27
10-19	1.07	0.61	-0.94	-0.30	-0.39	-0.48	0.39	0.28
20-29	2.03	0.20	0.16	0.11	-2.24	-0.19	1.38	-0.24
30-39	0.07	-0.22	0.18	0.27	-0.44	0.05	0.89	-0.11
40-49	0.40	-0.03	0.17	0.04	-0.20	0.01	0.21	0.00
50-59	-0.06	0.22	-0.04	0.02	0.12	-0.26	-0.14	0.13
60+	-1.53	0.32	0.24	0.11	0.86	0.04	0.91	1.30

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Population Projections for the District Headquarter
Towns in Peshawar Division

The population totals for the district headquarter towns were projected by using the following population growth rates:

<u>City</u>	<u>1960-65</u>	<u>1985-90</u>
Abbottabad	11.7	11.7
Mardan	47.8	55.0
Kohat	20.1	20.1
Peshawar	37.2	50.0

The population growth rates were linearly interpolated for the intermediate period. Further, it may be noted that the population growth rates for the period 1960-65 were the same as the 1951-61 intercensal growth rates. For the cities of Peshawar and Mardan the 1961 census per cent age-sex distributions were used to estimate the projected age-sex breakdowns for these cities during the projection period. However, as the 1961 census age-sex distributions were not available for the cities of Abbottabad and Kohat, we used the per cent age-sex distributions of the urban part of the Hazara and Kohat districts to estimate the projected age-sex breakdowns for these cities during the projection period.

6. The rates are given per 1000 population per year.

Population Projections for Agencies of Peshawar Division
and for Districts/Agencies of Malakand Division

The projected population growth rates for Peshawar Division were used to arrive at the population totals for agencies of Peshawar Division and for districts/agencies of the Malakand Division.

RESULTS

Tables V and VI present the population of Peshawar Division from 1901 to 1961 and the projected population totals from 1960 to 1990. It appears from Table V that the population of Peshawar Division doubled itself in less than 50 years between 1901 and 1951, while we estimate that it will again be doubled in less than 30 years between 1960 and 1990.

Some future estimates of various demographic parameters for Peshawar Division are given in Table VII. The table shows that the crude birth rate in Peshawar Division will decline by about 12 per cent, while the crude death rate is expected to decline by around 32 per cent - this will enhance the rate of natural increase by more than 3 per cent during the projection period. Further, as the net out-migration rate has been assumed to decline to zero the net effect of declines in fertility, mortality and migration levels will result

TABLE IV: PAST POPULATION TRENDS FOR PESHAWAR DIVISION: 1901-1961

Year	Population*	Percent change in population
1901	15,66,860	
1911	16,90,727	7.91
1921	17,43,839	3.14
1931	18,80,711	7.85
1941	24,44,006	29.95
1951	32,73,016	33.92
1961	40,39,655	23.42

*The population totals are as on the census date.

TABLE VI: PROJECTED POPULATION TRENDS FOR PESHAWAR DIVISION: 1960-1990

Year	Population*	Percent change in population
1960	39,90,296	
1965	44,56,510	11.68
1970	49,61,878	11.34
1975	55,40,858	11.67
1980	62,26,385	12.37
1985	70,43,716	13.13
1990	80,03,254	13.62

* The population totals are as on 01 July of each year.

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in the acceleration of the rate of population growth by more than 5 per cent. The improvement in mortality conditions will be such that expectation of life at birth for males could increase by more than 4 years and for females by about 7 years. The other measures of fertility and reproduction also show declines of the order of 8 to 20 per cent.

Tables A.1 through I.3 give the projected age-sex distributions for Peshawar Division, the 4 districts and the district headquarter towns of Peshawar Division, while Table J gives the projected population totals for the districts/agencies of Malakand and agencies of Peshawar Division. Tables K through V give the estimated abridged life tables for Peshawar Division.

TABLE VII--SOME DEMOGRAPHIC PARAMETERS OF PESHAWAR DIVISION: 1960-1990

Year	Crude birth rate*	Crude death rate*	Rate of natural increase*	Net migration rate*	Population growth rate*	Expectation of life at birth**		Total fertility rate++	Gross reproduction rate++	Net reproduction rate++
						Males	Females			
1960-65	45.03	20.01	25.02	-2.67	2.235	49.03	44.98	7.5	3.7	2.37
1965-70	41.71	17.86	23.85	-2.14	2.171	49.95	46.37	7.2	3.5	2.33
1970-75	40.42	16.45	23.97	-1.64	2.233	50.88	47.81	6.9	3.4	2.30
1975-80	40.11	15.44	24.67	-1.07	2.360	51.83	49.29	6.6	3.2	2.26
1980-85	40.02	14.62	25.40	-0.44	2.496	52.81	50.82	6.3	3.1	2.21
1985-90	39.47	13.60	25.87	0.00	2.587	53.80	52.41	6.0	2.9	2.16

* Rates are given per 1000 population

**Expectation of life is given in years

++Rates are given per woman

TABLE A.1 -ESTIMATED MID YEAR POPULATIONS FOR PESHAWAR
DIVISION: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
			B O T H S E X E S				
ALL AGES	3,990,296	4,456,510	4,961,878	5,540,858	6,226,385	7,043,716	8,003,254
00-04	698,250	809,095	842,803	918,513	1,029,639	1,168,184	1,310,913
05-09	600,311	640,034	746,000	781,376	856,245	965,075	1,100,867
10-14	477,976	581,569	621,195	725,457	761,270	835,758	943,734
15-19	339,740	466,865	568,690	608,140	711,070	747,041	821,093
20-24	296,499	311,397	433,781	535,532	580,043	686,616	730,433
25-29	272,646	270,707	288,037	406,478	508,375	557,562	668,445
30-34	242,050	248,229	249,686	269,066	384,664	487,242	541,324
35-39	211,750	219,377	227,982	232,258	253,559	367,242	471,324
40-44	174,697	201,594	209,268	217,940	222,514	243,453	353,355
45-49	163,680	165,075	190,915	198,626	207,329	212,160	232,642
50-54	127,607	152,725	154,409	179,028	186,736	195,401	200,436
55-59	109,666	116,541	139,904	141,877	165,004	172,656	181,215
60-64	79,132	96,634	103,099	124,258	126,516	147,735	155,235
65-69	65,566	65,653	80,598	86,446	104,741	107,216	125,876
70-74	46,013	49,362	49,795	61,582	66,537	81,215	83,754
75-79	42,644	29,852	32,352	32,970	41,190	44,955	55,430
80+	42,069	31,801	23,364	21,311	20,953	24,205	27,178

TABLE A.2 -ESTIMATED MID YEAR POPULATIONS FOR PESHAWAR
DIVISION: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
M A L E S							
ALL AGES.	2,072,955	2,303,960	2,562,428	2,864,054	3,224,466	3,651,541	4,150,633
00-04	356,963	420,956	437,662	476,078	532,678	603,231	675,684
05-09	314,052	332,108	393,222	410,464	448,270	503,549	572,490
10-14	255,181	305,861	323,875	383,979	401,345	438,887	493,659
15-19	181,176	249,971	299,866	317,793	377,082	394,465	431,722
20-24	151,740	160,869	228,488	280,710	303,180	364,096	385,570
25-29	135,364	133,955	146,227	212,749	266,429	291,299	354,209
30-34	118,573	119,266	121,534	135,908	201,577	255,565	282,938
35-39	105,721	104,103	107,838	112,587	128,363	192,767	247,502
40-44	89,759	101,005	99,620	103,360	108,085	123,429	185,654
45-49	86,028	84,927	95,746	94,610	98,345	103,032	117,877
50-54	67,786	80,190	79,330	89,625	88,746	92,442	97,050
55-59	58,665	61,816	73,311	72,706	82,345	81,740	85,355
60-64	42,703	51,671	54,617	64,976	64,641	73,439	73,126
65-69	35,655	35,487	43,114	45,756	54,654	54,590	62,269
70-74	25,497	26,967	26,992	32,978	35,194	42,273	42,458
75-79	24,046	16,641	17,740	17,897	22,037	23,700	28,688
80+	24,046	18,167	13,246	11,878	11,495	13,037	14,382

TABLE A.3-ESTIMATED MID YEAR POPULATIONS FOR PESHAWAR
DIVISION: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
F E M A L E S							
ALL AGES	1,917,341	2,152,550	2,399,450	2,676,804	3,001,919	3,392,175	3,852,621
00-04	341,287	388,139	405,141	442,435	496,961	564,953	635,229
05-09	286,259	307,926	352,778	370,912	407,975	461,526	528,377
10-14	222,795	275,708	297,320	341,478	359,925	396,871	450,075
15-19	158,564	216,894	268,824	290,347	333,988	352,576	389,371
20-24	144,759	150,528	205,293	254,822	276,863	322,520	344,863
25-29	137,282	136,752	141,810	193,729	241,946	266,263	314,236
30-34	123,477	128,963	128,152	133,158	183,087	231,677	258,386
35-39	106,029	115,274	120,144	119,671	125,196	174,475	223,822
40-44	84,938	100,589	109,648	114,580	114,429	120,024	167,701
45-49	77,652	80,148	95,169	104,016	108,984	109,128	114,765
50-54	59,821	72,535	75,079	89,403	97,990	102,959	103,386
55-59	51,001	54,725	66,593	69,171	82,659	90,916	95,860
60-64	36,429	44,963	48,482	59,282	61,875	74,296	82,109
65-69	29,911	30,166	37,484	40,690	50,087	52,626	63,607
70-74	20,516	22,395	22,803	28,604	31,343	38,942	41,296
75-79	18,598	13,211	14,612	15,073	19,153	21,255	26,742
80+	18,023	13,634	10,118	9,433	9,458	11,168	12,796

TABLE A.4 -AGE SPECIFIC SEX RATIOS FOR PESHAWAR
DIVISION: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
ALL AGES	108.12	107.03	106.79	107.00	107.41	107.65	107.74
00-04	104.59	108.45	108.03	107.60	107.19	106.78	106.37
05-09	109.71	107.85	111.46	110.66	109.88	109.11	108.35
10-14	114.54	110.94	108.93	112.45	111.51	110.59	109.68
15-19	114.26	115.25	111.55	109.45	112.90	111.88	110.88
20-24	104.82	106.87	111.30	110.16	109.51	112.89	111.80
25-29	98.60	97.95	103.11	109.82	110.12	109.40	112.72
30-34	96.03	92.48	94.84	102.07	110.10	110.31	109.50
35-39	99.71	90.31	89.76	94.08	102.53	110.48	110.58
40-44	105.68	100.41	90.85	90.21	94.46	102.84	110.71
45-49	110.79	105.96	100.61	90.96	90.24	94.41	102.71
50-54	113.31	110.55	105.66	100.25	90.57	89.79	93.87
55-59	115.03	112.96	110.09	105.11	99.62	89.91	89.04
60-64	117.22	114.92	112.65	109.60	104.47	98.85	89.06
65-69	119.20	117.64	115.02	112.45	109.12	103.73	97.90
70-74	124.28	120.42	118.37	115.29	112.29	108.55	102.81
75-79	129.29	125.96	121.41	118.74	115.06	111.50	107.28
80+	133.42	133.25	130.92	125.92	121.54	116.74	112.39

TABLE B.1-ESTIMATED MID YEAR POPULATIONS FOR HAZARA DISTRICT: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
	B O T H S E X E S						
ALL AGES	1,564,240	1,747,052	1,945,179	2,172,143	2,440,861	2,761,255	3,137,403
00-04	273,744	317,173	330,391	360,073	403,640	457,957	513,916
05-09	235,321	250,903	292,419	306,291	335,645	378,312	431,551
10-14	187,345	227,969	243,512	284,360	298,404	327,609	369,943
15-19	133,164	182,989	222,916	238,392	278,718	292,824	321,858
20-24	116,240	122,075	170,035	209,926	227,377	269,133	286,314
25-29	106,900	106,147	112,927	159,338	199,280	218,565	262,011
30-34	94,914	77,347	97,912	105,492	150,787	190,995	212,199
35-39	83,026	86,037	89,413	91,080	99,412	143,955	184,754
40-44	68,488	70,042	82,071	85,474	87,258	95,449	138,512
45-49	64,161	64,714	74,854	77,898	81,312	83,198	91,211
50-54	50,017	59,806	60,535	70,194	73,235	76,635	78,601
55-59	42,984	45,680	54,842	55,622	64,697	67,715	71,073
60-64	31,014	37,876	40,412	48,709	49,601	57,927	60,883
65-69	25,697	25,731	31,591	33,884	41,059	42,035	49,357
70-74	18,032	19,345	19,516	24,137	26,081	31,837	32,837
75-79	16,710	11,698	12,679	12,922	16,144	17,622	21,730
80+	16,483	12,460	9,154	8,351	8,211	9,487	10,653

TABLE B.2-ESTIMATED MID YEAR POPULATIONS FOR HAZARA DISTRICT: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
M A L E S							
ALL AGES	808,695	898,814	999,647	1,117,316	1,257,919	1,424,522	1,619,232
00-04	139,257	164,222	170,740	185,726	207,807	235,331	263,596
05-09	122,517	129,561	153,403	160,129	174,878	196,443	223,338
10-14	99,550	119,322	126,349	149,797	156,571	171,217	192,585
15-19	70,680	97,519	116,983	123,977	147,106	153,887	168,422
20-24	59,196	62,758	89,137	109,510	118,276	142,040	150,417
25-29	52,808	54,238	57,045	82,997	103,938	113,641	138,183
30-34	46,257	46,328	47,412	53,020	78,639	99,700	110,379
35-39	41,244	40,512	42,069	43,922	50,077	75,201	96,554
40-44	35,017	39,404	38,863	40,322	42,166	48,152	72,427
45-49	33,561	33,131	37,352	36,909	38,366	40,195	45,986
50-54	26,444	31,283	30,949	34,964	34,621	36,063	37,861
55-59	22,886	24,115	28,600	28,364	32,124	31,888	33,298
60-64	16,659	20,158	21,307	25,348	25,218	28,650	28,527
65-69	13,910	13,844	16,820	17,850	21,321	21,297	24,292
70-74	9,947	10,520	10,530	12,865	13,730	16,491	16,564
75-79	9,381	6,492	6,921	6,982	8,597	9,246	11,192
80+	9,381	7,037	5,167	4,634	4,484	5,086	5,611

TABLE B.3 - ESTIMATED MID YEAR POPULATIONS FOR HIZARI DISTRICT: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
F E M A L E S							
ALL AGES	755,551	848,238	945,532	1,054,827	1,182,942	1,336,727	1,518,171
00-04	134,487	152,951	159,651	174,347	195,833	222,626	250,320
05-09	112,804	121,342	139,016	146,162	160,767	181,869	208,213
10-14	87,795	108,647	117,163	134,563	141,833	156,392	177,358
15-19	62,484	85,470	105,933	114,415	131,612	138,937	153,436
20-24	57,044	59,317	80,898	100,416	109,101	127,093	135,897
25-29	54,093	57,889	55,882	76,341	95,342	104,924	123,828
30-34	48,657	50,819	50,500	52,472	72,148	91,295	101,820
35-39	41,782	45,425	47,344	47,158	49,335	68,754	88,200
40-44	33,471	39,638	43,208	45,152	45,092	47,297	66,085
45-49	30,600	31,583	37,502	40,989	42,946	43,003	45,225
50-54	23,573	28,583	29,586	35,230	38,614	40,572	40,740
55-59	20,098	21,565	26,242	27,258	32,573	35,827	37,775
60-64	14,355	17,718	19,105	23,361	24,383	29,277	32,356
65-69	11,787	11,887	14,771	16,034	19,738	20,738	25,065
70-74	8,085	8,825	8,986	11,272	12,351	15,346	16,273
75-79	7,329	7,206	5,758	5,940	7,547	8,376	10,538
80+	7,102	5,373	3,987	7,117	3,727	4,401	5,042

TABLE C.1 --ESTIMATED MID YEAR POPULATIONS FOR KOHAT DISTRICT: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
			B O T H S E X E S				
ALL AGES	527,536	589,197	656,018	732,561	823,181	931,230	1,058,085
00-04	92,326	106,965	111,422	121,435	136,128	154,447	173,321
05-09	79,359	84,617	98,611	103,291	113,191	127,583	145,539
10-14	63,175	76,877	82,122	95,892	100,630	110,480	124,758
15-19	44,904	61,704	75,173	80,394	93,989	98,748	108,540
20-24	39,204	41,170	57,341	70,794	76,680	90,757	96,553
25-29	36,060	35,804	38,088	53,735	67,204	73,708	88,356
30-34	32,017	32,839	33,029	35,581	50,849	64,410	71,562
35-39	28,005	29,026	30,165	30,724	33,529	48,547	62,305
40-44	23,098	26,661	27,688	28,835	29,435	32,192	46,710
45-49	21,637	21,826	25,248	26,279	27,432	28,065	30,763
50-54	16,867	20,189	20,415	23,677	24,707	25,854	26,515
55-59	14,494	15,405	18,494	18,759	21,822	22,844	23,978
60-64	10,458	12,772	13,628	16,427	16,729	19,539	20,540
65-69	8,664	8,677	10,653	11,427	13,847	14,177	16,649
70-74	6,079	6,523	6,580	8,139	8,796	10,737	11,075
75-79	5,633	3,943	4,275	4,357	5,444	5,943	7,329
80+	5,556	4,199	3,086	2,815	2,769	3,199	3,592

TABLE C.2--ESTIMATED MID YEAR POPULATIONS FOR KOHAT DISTRICT: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
M A L E S							
ALL AGES	271,741	302,023	335,905	375,446	422,692	478,677	544,103
00-04	46,794	55,183	57,372	62,409	69,828	79,076	88,575
05-09	41,169	43,536	51,547	53,807	58,763	66,010	75,048
10-14	33,452	40,095	42,456	50,335	52,612	57,533	64,713
15-19	23,750	32,768	39,309	41,659	49,431	51,711	56,594
20-24	19,891	21,088	29,952	36,798	39,743	47,729	50,544
25-29	17,745	17,560	19,169	27,889	34,926	38,186	46,433
30-34	15,544	15,634	15,932	17,816	26,424	33,502	37,090
35-39	13,859	13,647	14,136	14,759	16,826	25,270	32,445
40-44	11,766	13,241	13,060	13,549	14,169	16,180	24,337
45-49	11,277	11,133	12,551	12,402	12,892	13,506	15,452
50-54	8,886	10,512	10,399	11,749	11,634	12,118	12,722
55-59	7,690	8,104	9,610	9,531	10,795	10,715	11,189
60-64	5,598	6,773	7,160	8,518	8,474	9,627	9,586
65-69	4,674	4,652	5,652	5,999	7,165	7,156	8,163
70-74	3,342	3,535	3,538	4,323	4,614	5,542	5,566
75-79	3,152	2,181	2,326	2,346	2,889	3,107	3,761
80+	3,152	2,381	1,736	1,557	1,507	1,709	1,885

TABLE C.3 -ESTIMATED MID YEAR POPULATIONS FOR KOHAT DISTRICT: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
	F E M A L E S						
ALL AGES	255,795	287,174	320,113	357,115	400,489	452,553	513,982
00-04	45,532	51,782	54,050	59,026	66,300	75,371	84,746
05-09	38,190	41,081	47,064	49,484	54,428	61,573	70,491
10-14	29,723	36,782	39,666	45,557	48,018	52,947	60,045
15-19	21,154	28,936	35,864	38,735	44,558	47,037	51,946
20-24	19,313	20,082	27,389	33,996	36,937	43,028	46,009
25-29	18,315	18,244	18,919	25,846	32,278	35,522	41,923
30-34	16,473	17,205	17,097	17,765	24,425	30,908	34,472
35-39	14,146	15,379	16,029	15,965	16,703	23,277	29,860
40-44	11,332	13,420	14,628	15,286	15,266	16,012	22,373
45-49	10,360	10,693	12,697	13,877	14,540	14,559	15,311
50-54	7,981	9,677	10,016	11,928	13,073	13,736	13,793
55-59	6,804	7,301	8,884	9,228	11,027	12,129	12,789
60-64	4,860	5,999	6,468	7,909	8,255	9,912	10,954
65-69	3,990	4,025	5,001	5,428	6,682	7,021	8,486
70-74	2,737	2,988	3,042	3,816	4,182	5,195	5,509
75-79	2,481	1,762	1,949	2,011	2,555	2,836	3,568
80+	2,404	1,818	1,350	1,258	1,262	1,490	1,707

TABLE D.1 -ESTIMATED MID YEAR POPULATIONS FOR MARDAN DISTRICT: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
	B O T H S E X E S						
ALL AGES	764,968	854,381	951,277	1,062,268	1,193,674	1,350,354	1,534,302
00-04	133,879	155,107	161,572	176,089	197,396	223,961	251,328
05-09	115,077	122,700	142,995	149,781	164,137	185,004	211,042
10-14	91,609	111,478	119,083	139,053	145,922	160,206	180,909
15-19	65,115	89,477	109,008	116,578	136,292	143,192	157,393
20-24	56,849	59,700	83,148	102,657	111,192	131,605	140,009
25-29	52,288	51,918	55,230	77,920	97,452	106,883	128,123
30-34	46,426	47,619	47,894	51,595	73,737	93,400	103,770
35-39	40,608	42,088	43,741	44,552	48,620	70,396	90,348
40-44	33,493	38,659	40,147	41,812	42,682	46,682	67,734
45-49	31,375	31,649	36,611	38,106	39,777	40,696	44,609
50-54	24,458	29,276	29,604	34,332	35,826	37,490	38,448
55-59	21,019	22,337	26,819	27,202	31,644	33,125	34,769
60-64	15,165	18,521	19,761	23,819	24,257	28,332	29,784
65-69	12,564	12,582	15,447	16,569	20,078	20,558	24,141
70-74	8,816	9,459	9,542	11,803	12,753	15,569	16,060
75-79	8,169	5,719	6,198	6,318	7,894	8,616	10,625
80+	8,058	6,092	4,477	4,082	4,015	4,639	5,210

TABLE D.2-ESTIMATED MID YEAR POPULATIONS FOR WARD 14N DISTRICT: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
M A L E S							
ALL AGES	394,167	438,092	487,239	544,592	613,123	694,330	789,231
00-04	67,876	80,044	83,220	90,525	101,287	114,703	128,479
05-09	59,716	63,149	74,770	78,049	85,237	95,748	108,857
10-14	48,522	58,158	61,584	73,013	76,315	83,454	93,868
15-19	34,450	47,531	57,019	60,427	71,701	75,006	82,091
20-24	28,854	30,589	43,446	53,376	57,649	69,232	73,315
25-29	25,739	25,471	27,805	40,454	50,661	55,389	67,352
30-34	22,546	22,678	23,110	25,843	38,329	48,595	53,800
35-39	20,103	19,795	20,506	21,408	24,408	36,654	47,062
40-44	17,067	19,206	18,942	19,653	20,552	23,470	35,302
45-49	16,358	16,149	18,206	17,990	18,700	19,591	22,414
50-54	12,889	15,248	15,084	17,042	16,875	17,578	18,454
55-59	11,156	11,754	13,940	13,825	15,658	15,543	16,230
60-64	8,120	9,825	10,385	12,355	12,291	13,964	13,905
65-69	6,779	6,748	8,198	8,700	10,392	10,380	11,840
70-74	4,848	5,128	5,132	6,271	6,692	8,038	8,073
75-79	4,572	3,164	3,372	3,403	4,190	4,506	5,454
80+	4,572	3,455	2,520	2,258	2,186	2,479	2,735

TABLE D.3-ESTIMATED MID YEAR POPULATIONS FOR MARDAN DISTRICT: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
F E M A L E S							
ALL AGES	370,801	416,289	464,038	517,676	580,551	656,024	745,071
00-04	66,003	75,063	78,352	85,564	96,109	109,258	122,849
05-09	55,361	59,551	68,225	71,732	78,900	89,256	102,185
10-14	43,087	53,320	57,499	66,040	69,607	76,752	87,041
15-19	30,665	41,946	51,989	56,151	64,591	68,186	75,302
20-24	27,995	29,111	39,702	49,281	53,543	62,373	66,694
25-29	26,549	26,447	27,425	37,466	46,791	51,494	60,771
30-34	23,880	24,941	24,784	25,752	35,408	44,805	49,970
35-39	20,505	22,293	23,235	23,144	24,212	33,742	43,286
40-44	16,426	19,453	21,205	22,159	22,130	23,212	32,432
45-49	15,017	15,500	18,405	20,116	21,077	21,105	22,195
50-54	11,569	14,028	14,520	17,290	18,951	19,912	19,994
55-59	9,863	10,583	12,879	13,377	15,986	17,582	18,539
60-64	7,045	8,696	9,376	11,464	11,966	14,368	15,879
65-69	5,785	5,834	7,249	7,869	9,686	10,178	12,301
70-74	3,968	4,331	4,410	5,532	6,061	7,531	7,987
75-79	3,597	2,555	2,826	2,915	3,704	4,110	5,171
80+	3,486	2,637	1,957	1,824	1,829	2,160	2,475

TABLE E.I-ESTIMATED MID YEAR POPULATIONS FOR PESHAWAR DISTRICT: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
	B O T H S E X E S						
ALL AGES	1,133,546	1,265,880	1,409,404	1,573,886	1,768,669	2,000,877	2,273,464
00-04	198,301	229,850	239,418	260,916	292,475	331,819	372,348
05-09	170,554	181,814	211,975	222,013	243,272	274,176	312,735
10-14	135,847	165,245	176,478	206,152	216,314	237,463	268,124
15-19	96,557	132,695	161,593	172,776	202,071	212,277	233,302
20-24	84,206	88,452	123,257	152,155	164,794	195,121	207,557
25-29	77,392	76,838	81,792	115,485	144,439	158,406	189,955
30-34	68,693	70,424	70,851	76,398	109,291	138,437	153,793
35-39	60,111	62,226	64,663	65,902	71,998	104,344	133,917
40-44	49,618	57,232	59,362	61,819	63,139	69,130	100,399
45-49	46,507	46,886	54,202	56,343	58,808	60,201	66,059
50-54	36,265	43,394	43,855	50,825	52,968	55,422	56,872
55-59	31,169	33,119	39,749	40,294	46,841	48,972	51,395
60-64	22,495	27,465	29,298	35,303	35,929	41,937	44,028
65-69	18,641	18,663	22,907	24,566	29,757	30,446	35,729
70-74	13,086	14,035	14,157	17,503	18,907	23,072	23,782
75-79	12,132	8,492	9,200	9,373	11,708	12,774	15,746
80+	11,972	9,050	6,647	6,063	5,958	6,880	7,723

TABLE E.2-ESTIMATED MID YEAR POPULATIONS FOR PESHAWAR DISTRICT: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
M A L E S							
ALL AGES	598,352	665,031	739,637	826,700	930,732	1,054,006	1,198,067
00-04	103,036	121,507	126,330	137,418	153,756	174,121	195,034
05-09	90,650	95,862	113,502	118,479	129,392	145,348	165,247
10-14	73,657	88,286	93,486	110,834	115,847	126,683	142,493
15-19	52,296	12,153	86,555	91,730	108,844	113,861	124,615
20-24	43,799	46,434	65,953	81,026	87,512	105,095	111,294
25-29	39,072	38,666	42,208	61,409	76,904	84,083	102,241
30-34	34,226	34,426	35,080	39,229	58,185	73,768	81,669
35-39	30,515	30,049	31,127	32,498	37,052	55,642	71,441
40-44	25,909	29,154	28,755	29,836	31,198	35,627	53,588
45-49	24,832	24,514	27,637	27,309	28,387	29,740	34,025
50-54	19,567	23,147	22,898	25,870	25,616	26,683	28,013
55-59	16,933	17,843	21,161	20,986	23,768	23,594	24,638
60-64	12,326	14,915	15,765	18,755	18,658	21,198	21,108
65-69	10,292	10,243	12,444	13,207	15,776	15,757	17,974
70-74	7,360	7,784	7,792	9,519	10,158	12,202	12,255
75-79	6,941	4,804	5,121	5,166	6,361	6,841	8,281
80+	6,941	5,244	3,823	3,429	3,318	3,763	4,151

TABLE E.3--ESTIMATED MID YEAR POPULATIONS FOR FESHAWAR DISTRICT: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
F E M A L E S							
ALL AGES	535,194	600,849	669,767	747,186	837,937	946,871	1,075,397
00-04	95,265	108,343	113,088	123,498	138,719	157,698	177,314
05-09	79,904	85,952	98,473	103,534	113,880	128,828	147,488
10-14	62,190	76,959	82,992	95,318	100,467	110,780	125,631
15-19	44,261	60,542	75,038	81,046	93,227	98,416	108,687
20-24	40,407	42,018	57,304	71,129	77,282	90,026	96,263
25-29	38,320	38,172	39,584	54,076	67,535	74,323	87,714
30-34	34,467	35,998	35,771	37,169	51,106	64,669	72,124
35-39	29,596	32,177	33,536	33,404	34,946	48,702	62,476
40-44	23,709	28,078	30,607	31,983	31,941	33,503	46,811
45-49	21,675	22,372	26,565	29,034	30,421	30,461	32,034
50-54	16,698	20,247	20,957	24,955	27,352	28,739	28,859
55-59	14,236	15,276	18,588	19,308	23,073	25,378	26,757
60-64	10,169	12,550	13,533	16,548	17,271	20,739	22,920
65-69	8,349	8,420	10,463	11,359	13,981	14,689	17,755
70-74	5,726	6,251	6,365	7,984	8,749	10,870	11,527
75-79	5,191	3,688	4,079	4,207	5,347	5,933	7,465
80+	5,031	3,806	2,824	2,634	2,640	3,117	3,572

TABLE F.1 -ESTIMATED MID YEAR YEAR POPULATIONS FOR ABBOTTABAD CITY: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
			B O T H S E X E S				
ALL AGES	33,669	35,685	37,822	40,087	42,488	45,032	47,729
00-04	5,214	5,526	5,857	6,208	6,580	6,974	7,391
05-09	5,570	5,904	6,257	6,631	7,029	7,449	7,896
10-14	3,724	3,946	4,182	4,433	4,698	4,980	5,278
15-19	3,268	3,463	3,671	3,891	4,124	4,371	4,633
20-24	3,249	3,443	3,650	3,867	4,099	4,345	4,605
25-29	2,605	2,761	2,926	3,101	3,287	3,483	3,692
30-34	2,243	2,377	2,519	2,671	2,830	2,999	3,179
35-39	1,809	1,918	2,033	2,154	2,284	2,420	2,565
40-44	1,570	1,663	1,763	1,869	1,981	2,100	2,226
45-49	1,209	1,281	1,357	1,439	1,525	1,616	1,713
50-54	1,105	1,172	1,242	1,316	1,395	1,479	1,567
55-59	618	655	694	736	780	826	875
60-64	557	590	626	663	703	746	790
65-69	382	405	430	455	482	512	542
70-74	214	227	241	256	271	286	303
75-79	116	122	130	138	146	155	165
80+	216	232	244	259	274	291	309

TABLE F.2 -ESTIMATED MID YEAR POPULATIONS FOR ABBOTTABAD CITY: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
M A L E S							
ALL AGES	19,187	20,336	21,554	22,845	24,213	25,663	27,200
00-04	2,706	2,868	3,040	3,222	3,415	3,620	3,836
05-09	2,927	3,103	3,288	3,485	3,694	3,915	4,150
10-14	2,049	2,171	2,301	2,439	2,585	2,740	2,904
15-19	1,875	1,987	2,106	2,233	2,366	2,508	2,658
20-24	2,212	2,344	2,485	2,633	2,791	2,958	3,135
25-29	1,518	1,609	1,705	1,807	1,916	2,030	2,152
30-34	1,270	1,346	1,426	1,512	1,602	1,698	1,800
35-39	1,131	1,199	1,271	1,347	1,428	1,513	1,604
40-44	974	1,032	1,094	1,160	1,229	1,303	1,381
45-49	727	770	816	865	917	972	1,030
50-54	615	652	691	732	776	823	872
55-59	325	344	365	387	410	434	460
60-64	322	341	362	383	406	431	456
65-69	228	242	257	272	288	306	324
70-74	127	135	143	152	161	170	180
75-79	68	72	77	81	86	91	97
80+	113	121	127	135	143	151	161

TABLE F.3 -ESTIMATED MID YEAR POPULATIONS FOR ABBOTTABAD CITY: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
F E M A L E S							
ALL AGES	14,482	15,349	16,268	17,242	18,275	19,369	20,529
00-04	2,508	2,658	2,817	2,986	3,165	3,354	3,555
05-09	2,643	2,801	2,969	3,146	3,335	3,534	3,746
10-14	1,675	1,775	1,881	1,994	2,113	2,240	2,374
15-19	1,393	1,476	1,565	1,658	1,758	1,863	1,975
20-24	1,037	1,099	1,165	1,234	1,308	1,387	1,470
25-29	1,087	1,152	1,221	1,294	1,371	1,453	1,540
30-34	973	1,031	1,093	1,159	1,228	1,301	1,379
35-39	678	719	762	807	856	907	961
40-44	596	631	669	709	752	797	845
45-49	482	511	541	574	608	644	683
50-54	490	520	551	584	619	656	695
55-59	293	311	329	349	370	392	415
60-64	235	249	264	280	297	315	334
65-69	154	163	173	183	194	206	218
70-74	87	92	98	104	110	116	123
75-79	48	50	53	57	60	64	68
80+	103	111	117	124	131	140	148

TABLE G.1 -ESTIMATED MID YEAR POPULATIONS FOR KOHAT CITY: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
			B O T H S E X E S				
ALL AGES	49,792	55,001	60,755	67,111	74,132	81,888	90,455
00-04	7,547	8,337	9,209	10,172	11,237	12,412	13,711
05-09	7,840	8,659	9,566	10,567	11,672	12,893	14,242
10-14	5,211	5,755	6,358	7,022	7,758	8,569	9,466
15-19	4,832	5,338	5,896	6,513	7,194	7,947	8,778
20-24	5,250	5,800	6,407	7,077	7,818	8,635	9,539
25-29	4,075	4,501	4,972	5,493	6,067	6,702	7,402
30-34	3,344	3,694	4,081	4,507	4,979	5,499	6,075
35-39	2,539	2,804	3,097	3,422	3,779	4,175	4,612
40-44	2,565	2,833	3,130	3,458	3,819	4,219	4,659
45-49	1,754	1,937	2,139	2,364	2,610	2,883	3,185
50-54	1,724	1,904	2,103	2,324	2,567	2,835	3,132
55-59	937	1,035	1,143	1,263	1,395	1,541	1,702
60-64	811	895	989	1,094	1,207	1,333	1,473
65-69	544	601	664	734	810	895	989
70-74	338	374	413	456	504	556	615
75-79	196	216	239	263	291	321	355
80+	285	318	349	382	425	473	520

TABLE G.2 -ESTIMATED MID YEAR POPULATIONS FOR KOHAT CITY: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
M A L E S							
ALL AGES	28,756	31,765	35,088	38,759	42,814	47,293	52,241
00-04	4,169	4,605	5,087	5,619	6,207	6,856	7,574
05-09	4,104	4,533	5,008	5,532	6,110	6,750	7,456
10-14	2,682	2,962	3,272	3,614	3,993	4,410	4,872
15-19	2,969	3,280	3,623	4,002	4,421	4,883	5,394
20-24	3,541	3,912	4,321	4,773	5,273	5,824	6,434
25-29	2,397	2,648	2,925	3,231	3,569	3,942	4,354
30-34	1,926	2,128	2,351	2,596	2,868	3,168	3,500
35-39	1,487	1,642	1,814	2,004	2,213	2,445	2,701
40-44	1,655	1,828	2,019	2,231	2,464	2,722	3,006
45-49	1,006	1,111	1,227	1,356	1,497	1,654	1,827
50-54	1,029	1,136	1,255	1,387	1,532	1,692	1,869
55-59	546	603	666	736	813	898	992
60-64	465	513	567	627	692	764	844
65-69	306	338	374	413	456	504	557
70-74	195	216	238	263	291	321	355
75-79	114	126	139	153	169	187	207
80+	165	184	202	222	246	273	299

TABLE G.3 - ESTIMATED MID YEAR POPULATIONS FOR KOKAL CITY: 1950-1990

AGE	1960	1965	1970	1975	1980	1985	1990
F E M A L E S							
ALL AGES	21,036	23,236	25,667	28,352	31,318	34,595	38,214
00-04	3,378	3,732	4,122	4,553	5,030	5,556	6,137
05-09	3,736	4,126	4,558	5,035	5,562	6,143	6,786
10-14	2,529	2,793	3,086	3,408	3,765	4,159	4,594
15-19	1,863	2,058	2,273	2,511	2,773	3,064	3,384
20-24	1,709	1,888	2,086	2,304	2,545	2,811	3,105
25-29	1,678	1,853	2,047	2,262	2,498	2,760	3,048
30-34	1,418	1,566	1,730	1,911	2,111	2,331	2,575
35-39	1,052	1,162	1,283	1,418	1,566	1,730	1,911
40-44	910	1,005	1,111	1,227	1,355	1,497	1,653
45-49	748	826	912	1,008	1,113	1,229	1,358
50-54	695	768	848	937	1,035	1,143	1,263
55-59	391	432	477	527	582	643	710
60-64	346	382	422	467	515	569	629
65-69	238	263	290	321	354	391	432
70-74	143	158	175	193	213	235	260
75-79	82	90	100	110	122	134	148
80+	120	134	147	160	179	200	221

TABLE H.1 - ESTIMATED MID YEAR POPULATIONS FOR HADDEN CITY: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
			B O T H				
			S E X E S				
ALL AGES	59,572	75,237	95,677	122,507	157,938	205,014	267,945
00-04	10,341	13,061	16,609	21,267	27,418	35,590	46,515
05-09	9,389	12,491	15,884	20,338	26,221	34,036	44,483
10-14	6,288	7,941	10,099	12,931	16,671	21,640	28,282
15-19	5,631	7,112	9,045	11,581	14,930	19,380	25,330
20-24	4,644	5,865	7,458	9,550	12,312	15,982	20,887
25-29	4,534	5,720	7,281	9,324	12,020	15,602	20,392
30-34	4,047	5,111	6,499	8,322	10,729	13,927	18,202
35-39	2,945	3,719	4,729	6,055	7,806	10,133	13,244
40-44	2,969	3,751	4,770	6,107	7,873	10,220	13,357
45-49	2,019	2,549	3,243	4,151	5,353	6,948	9,080
50-54	2,153	2,720	3,459	4,428	5,709	7,410	9,685
55-59	981	1,233	1,575	2,017	2,600	3,375	4,411
60-64	1,069	1,350	1,718	2,199	2,836	3,680	4,810
65-69	766	968	1,231	1,577	2,033	2,639	3,448
70-74	449	568	722	924	1,192	1,546	2,021
75-79	268	338	430	551	709	920	1,203
80+	579	729	925	1,185	1,526	1,986	2,595

TABLE H.2 - ESTIMATED MID YEAR POPULATIONS FOR MARDIN CITY: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
M A L E S							
ALL AGES	32,662	41,250	52,457	67,167	86,593	112,404	146,907
00-04	5,352	6,760	8,596	11,007	14,190	18,420	24,074
05-09	5,021	6,342	8,065	10,326	13,313	17,281	22,585
10-14	3,554	4,488	5,708	7,308	9,422	12,230	15,984
15-19	3,195	4,035	5,132	6,571	8,471	10,996	14,372
20-24	2,756	3,480	4,426	5,667	7,306	9,484	12,395
25-29	2,519	3,181	4,045	5,180	6,678	8,668	11,329
30-34	2,297	2,901	3,689	4,724	6,090	7,905	10,332
35-39	1,697	2,143	2,725	3,490	4,499	5,840	7,633
40-44	1,640	2,072	2,635	3,373	4,349	5,645	7,378
45-49	1,164	1,470	1,870	2,394	3,087	4,007	5,236
50-54	1,204	1,521	1,934	2,476	3,192	4,143	5,415
55-59	545	688	875	1,121	1,445	1,876	2,451
60-64	589	744	947	1,212	1,563	2,028	2,651
65-69	420	531	675	865	1,115	1,447	1,891
70-74	251	318	404	517	667	865	1,131
75-79	151	190	242	310	399	518	677
80+	307	386	489	626	807	1,051	1,373

TABLE H.3 - ESTIMATED MID YEAR POPULATIONS FOR MARIEN CITY: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
	F E M A L E S						
ALL AGES	26,910	33,987	43,220	55,340	71,345	92,610	121,038
00-04	4,989	5,501	8,013	10,260	13,228	17,170	22,441
05-09	4,868	6,149	7,819	10,012	12,908	16,755	21,898
10-14	2,734	3,453	4,391	5,623	7,249	9,410	12,298
15-19	2,436	3,077	3,913	5,010	6,459	8,384	10,958
20-24	1,888	2,305	3,032	3,883	5,006	6,498	8,492
25-29	2,015	2,545	3,236	4,144	5,342	6,934	9,063
30-34	1,750	2,210	2,810	3,598	4,639	6,022	7,870
35-39	1,248	1,576	2,004	2,565	3,307	4,293	5,611
40-44	1,329	1,679	2,135	2,734	3,524	4,575	5,979
45-49	855	1,079	1,373	1,757	2,266	2,941	3,844
50-54	949	1,199	1,525	1,952	2,517	3,267	4,270
55-59	436	550	700	896	1,155	1,499	1,960
60-64	480	606	771	987	1,273	1,652	2,159
65-69	346	437	556	712	918	1,192	1,557
70-74	198	250	318	407	525	681	890
75-79	117	148	188	241	310	402	526
80+	272	343	436	559	719	935	1,222

TABLE I.1-ESTIMATED MID YEAR POPULATIONS FOR PESHAWAR CITY: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
			B O T H S E X E S				
ALL AGES	185,039	222,114	269,924	332,083	413,598	521,464	665,535
00-04	26,091	31,519	38,061	46,826	58,320	73,531	93,845
05-09	25,582	30,709	37,318	45,912	57,181	72,095	92,013
10-14	22,446	26,945	32,743	40,283	50,171	63,255	80,731
15-19	17,081	20,503	24,916	30,654	38,179	48,135	61,434
20-24	18,283	21,947	26,670	32,812	40,866	51,524	65,759
25-29	16,002	19,208	23,343	28,718	35,767	45,096	57,555
30-34	12,790	15,352	18,658	22,954	28,588	36,044	46,002
35-39	9,352	11,226	13,642	16,784	20,904	26,356	33,637
40-44	9,594	11,516	13,994	17,217	21,443	27,035	34,505
45-49	7,188	8,623	10,485	12,900	16,066	20,256	25,853
50-54	7,021	8,427	10,241	12,599	15,692	19,784	25,250
55-59	3,709	4,452	5,411	6,658	8,292	10,454	13,342
60-64	3,633	4,421	5,373	6,610	8,233	10,380	13,248
65-69	2,606	3,128	3,802	4,676	5,825	7,345	9,373
70-74	1,386	1,664	2,022	2,488	3,098	3,905	4,984
75-79	728	873	1,062	1,306	1,626	2,050	2,617
80+	1,497	1,798	2,183	2,686	3,347	4,219	5,387

TABLE I.2-ESTIMATED ALL YEAR POPULATIONS FOR PESHAWAR CITY: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
M A L E S							
ALL AGES	106,628	127,992	155,544	191,362	238,335	300,492	383,512
00-04	13,381	16,062	19,520	24,015	29,910	37,711	48,129
05-09	13,224	15,874	19,290	23,733	29,558	37,267	47,563
10-14	12,349	14,823	18,014	22,163	27,603	34,801	44,416
15-19	9,939	11,930	14,498	17,836	22,215	28,008	35,746
20-24	11,767	14,125	17,165	21,118	26,302	33,161	42,323
25-29	9,909	11,894	14,455	17,783	22,148	27,925	35,640
30-34	7,583	9,102	11,062	13,609	16,949	21,370	27,274
35-39	5,519	6,625	8,051	9,905	12,337	15,554	19,851
40-44	5,996	7,197	8,746	10,760	13,401	16,896	21,565
45-49	4,492	5,292	6,553	8,062	10,041	12,659	16,157
50-54	4,445	5,335	6,484	7,977	9,935	12,526	15,986
55-59	2,290	2,747	3,341	4,111	5,120	6,455	8,238
60-64	2,202	2,644	3,213	3,953	4,923	6,207	7,922
65-69	1,509	1,811	2,201	2,707	3,372	4,252	5,426
70-74	791	950	1,154	1,420	1,768	2,229	2,845
75-79	397	476	579	712	887	1,118	1,427
80+	835	1,003	1,217	1,498	1,866	2,353	3,004

TABLE I.3 - ESTIMATED MID YEAR POPULATIONS FOR PESHWAR CITY: 1960-1990

AGE	1960	1965	1970	1975	1980	1985	1990
F E M A L E S							
ALL AGES	73,411	94,122	114,381	140,721	175,263	220,972	282,023
00-04	12,710	15,257	18,541	22,811	28,410	35,820	45,716
05-09	12,358	14,835	18,028	22,179	27,623	34,828	44,450
10-14	10,097	12,120	14,729	18,120	22,568	28,454	36,315
15-19	7,142	8,573	10,418	12,818	15,964	20,127	25,688
20-24	5,515	7,822	9,505	11,694	14,564	18,363	23,436
25-29	5,093	7,314	8,888	10,935	13,619	17,171	21,915
30-34	5,207	6,250	7,596	9,345	11,639	14,674	18,728
35-39	3,833	4,601	5,591	6,879	8,567	10,802	13,786
40-44	3,598	4,319	5,248	6,457	8,042	10,139	12,940
45-49	2,696	3,236	3,932	4,838	6,025	7,597	9,696
50-54	2,576	3,092	3,757	4,622	5,757	7,258	9,264
55-59	1,419	1,703	2,070	2,547	3,172	3,999	5,104
60-64	1,481	1,777	2,160	2,657	3,210	4,173	5,326
65-69	1,097	1,317	1,601	1,969	2,453	3,093	3,947
70-74	595	714	868	1,068	1,330	1,676	2,139
75-79	331	397	483	594	739	932	1,190
80+	662	795	966	1,188	1,481	1,866	2,383

TABLE J -ESTIMATED MID YEAR POPULATIONS FOR MALAKAND DIVISION AND
FOR AGENCIES IN PESHAWAR DIVISION

District/ Agency	1960	1965	1970	1975	1980	1985	1990
Malakand Division	1,454,886	1,624,902	1,809,112	2,020,323	2,270,243	2,568,031	2,917,888
Chitral District	128,894	143,956	160,276	178,988	201,129	227,515	258,507
Dir District	181,225	202,403	225,349	251,658	282,789	319,887	363,461
Swat District	632,250	706,134	786,186	877,972	986,580	1,116,007	268,027
Rest of Malakand*	512,517	572,409	637,301	711,705	799,745	904,622	1,027,893
Agencies in Peshawar Division	614,872	686,725	764,576	853,840	959,462	1,085,332	1,233,174
Mehmand Agency	157,637	176,058	196,017	218,902	245,981	278,251	316,154
Khyber Agency	264,096	294,958	328,396	366,736	412,102	466,165	529,665
Kurram Agency	193,139	215,709	240,163	268,202	301,379	340,916	387,355

*Includes Kalam, Malakand Protected Area (Swat Rani-Zai and Sam Rani-Zai) and other parts of Malakand (Bayair and Utmankhel)

TABLE K -ESTIMATED ABRIDGED LIFE TABLE FOR PESHAWAR
DIVISION MALES: 1960-65

X	nq_x	l_x	n^d_x	nL_x	T_x	${}^o e_x$
0	0.1122800	100,000	11,228	92,140	4,903,161	49.03
1-4	0.0772300	88,772	6,856	340,690	4,811,021	54.20
5-9	0.0336300	81,916	2,755	402,693	4,470,331	54.57
10-14	0.0182700	79,161	1,446	392,190	4,067,638	51.38
15-19	0.0226100	77,715	1,757	384,183	3,675,448	47.29
20-24	0.0322100	75,958	2,447	373,673	3,291,265	43.33
25-29	0.0337400	73,511	2,480	361,355	2,917,592	39.69
30-34	0.0360000	71,031	2,557	348,763	2,556,237	35.99
35-39	0.0406000	68,474	2,780	335,420	2,207,474	32.24
40-44	0.0487900	65,694	3,205	320,458	1,872,054	28.50
45-49	0.0591300	62,489	3,695	303,208	1,551,596	24.83
50-54	0.0771400	58,794	4,535	282,633	1,248,388	21.23
55-59	0.0999100	54,259	5,421	257,743	965,755	17.80
60-64	0.1406900	48,838	6,871	227,013	708,012	14.50
65-69	0.2018900	41,967	8,473	188,653	480,999	11.46
70-74	0.2960000	33,494	9,914	142,685	292,346	8.73
75-79	0.4202800	23,580	9,910	93,125	149,661	6.35
80+	1.0000000	13,670	13,670	56,536	56,536	4.14

TABLE 1.1. HYPOTHETICAL STANDARD LIFE TABLE FOR PESHAWAR
DIVISION FEMALES: 1960-65

X	nq_x	l_x	nd_x	nL_x	T_x	$^o e_x$
0	0.1293000	100,000	12,930	90,949	4,497,822	44.98
1-4	0.1104000	87,070	9,613	328,093	4,406,873	50.61
5-9	0.0475300	77,457	3,682	378,080	4,078,780	52.66
10-14	0.0256500	73,775	1,892	364,145	3,700,700	50.16
15-19	0.0273500	71,883	1,966	354,500	3,336,555	46.42
20-24	0.0318100	69,917	2,224	344,025	2,982,055	42.65
25-29	0.0368300	67,693	2,493	332,233	2,638,030	38.97
30-34	0.0426600	65,200	2,781	319,048	2,305,797	35.37
35-39	0.0487800	62,419	3,045	304,483	1,986,749	31.83
40-44	0.0539600	59,374	3,204	288,860	1,682,266	28.33
45-49	0.0589600	56,170	3,312	272,570	1,393,406	24.81
50-54	0.0732700	52,858	3,873	254,608	1,120,836	21.21
55-59	0.0980200	48,985	4,802	232,920	866,228	17.68
60-64	0.1409500	44,183	6,228	205,345	633,308	14.33
65-69	0.2079900	37,955	7,894	170,040	427,963	11.28
70-74	0.3059100	30,061	9,196	127,315	257,923	8.58
75-79	0.4283300	20,865	8,937	81,983	130,608	6.26
80+	1.0000000	11,928	11,928	48,625	48,625	4.08

TABLE M - ESTIMATED ABRIDGED LIFE TABLE FOR PESHAWAR
DIVISION MALES: 1965-70

X	nq_x	l_x	nd_x	nL_x	T_x	$^o e_x$
0	0.1077340	100,000	10,773	92,459	4,994,692	49.95
1-4	0.0729340	89,227	6,508	343,241	4,902,233	54.94
5-9	0.0319160	82,719	2,640	406,995	4,558,992	55.11
10-14	0.0174340	80,079	1,396	396,905	4,151,997	51.85
15-19	0.0218060	78,683	1,716	389,125	3,755,092	47.72
20-24	0.0310860	76,967	2,393	378,853	3,365,967	43.73
25-29	0.0325400	74,574	2,427	366,803	2,987,114	40.06
30-34	0.0347380	72,147	2,506	354,470	2,620,311	36.32
35-39	0.0391720	69,641	2,728	341,385	2,265,841	32.54
40-44	0.0471220	66,913	3,153	326,683	1,924,456	28.76
45-49	0.0572440	63,760	3,650	309,675	1,597,773	25.06
50-54	0.0750820	60,110	4,513	289,268	1,288,098	21.43
55-59	0.0973640	55,597	5,413	264,453	998,830	17.97
60-64	0.1376160	50,184	6,906	233,655	734,377	14.63
65-69	0.1980600	43,278	8,572	194,960	500,722	11.57
70-74	0.2909160	34,706	10,097	148,288	305,762	8.81
75-79	0.4144280	24,609	10,199	97,548	157,474	6.40
80+	1.0000000	14,410	14,410	59,926	59,926	4.16

TABLE N -ESTIMATED ABRIDGED LIFE TABLE FOR PESHAWAR
DIVISION FEMALES: 1965-1970

X	n^d_x	l_x	n^d_x	nL_x	T_x	$^o e_x$
0	0.1224440	100,000	12,244	91,429	4,637,010	46.37
1-4	0.1028880	87,756	9,029	332,063	4,545,581	51.80
5-9	0.0443300	78,727	3,490	384,910	4,213,518	53.52
10-14	0.0240940	75,237	1,813	371,653	3,828,608	50.89
15-19	0.0258700	73,424	1,899	362,373	3,456,955	47.08
20-24	0.0302180	71,525	2,161	352,223	3,094,582	43.27
25-29	0.0349780	69,364	2,426	340,755	2,742,359	39.54
30-34	0.0404580	66,938	2,708	327,920	2,401,604	35.88
35-39	0.0462700	64,230	2,972	313,720	2,073,684	32.29
40-44	0.0514680	61,258	3,153	298,408	1,759,964	28.73
45-49	0.0564140	58,105	3,278	282,330	1,461,556	25.15
50-54	0.0704820	54,827	3,864	264,475	1,179,226	21.51
55-59	0.0942520	50,963	4,803	242,808	914,751	17.95
60-64	0.1359760	46,160	6,277	215,108	671,943	14.56
65-69	0.2014520	39,883	8,035	179,328	456,835	11.45
70-74	0.2974860	31,848	9,474	135,555	277,507	8.71
75-79	0.4187660	22,374	9,369	88,448	141,952	6.35
80+	1.0000000	13,005	13,005	53,504	53,504	4.11

TABLE 0 -ESTIMATED ABRIDGED LIFE TABLE FOR PESHAWAR
DIVISION MALES: 1970-75

X	n^d_x	l_x	n^d_x	n^L_x	T_x	$^o e_x$
0	0.1031880	100,000	10,319	92,777	5,088,084	50.88
1-4	0.0686380	89,681	6,156	345,796	4,995,307	55.70
5-9	0.0302020	83,525	2,523	411,318	4,649,511	55.67
10-14	0.0165980	81,002	1,344	401,650	4,238,193	52.32
15-19	0.0210020	79,658	1,673	394,108	3,836,543	48.16
20-24	0.0299620	77,985	2,337	384,083	3,442,435	44.14
25-29	0.0313400	75,648	2,371	372,313	3,058,352	40.43
30-34	0.0334760	73,277	2,453	360,253	2,686,039	36.66
35-39	0.0377440	70,824	2,673	347,438	2,325,786	32.84
40-44	0.0454540	68,151	3,098	333,010	1,978,348	29.03
45-49	0.0553580	65,053	3,601	316,263	1,645,338	25.29
50-54	0.0730240	61,452	4,487	296,043	1,329,075	21.63
55-59	0.0948180	56,965	5,401	271,323	1,033,032	18.14
60-64	0.1345420	51,564	6,938	240,475	761,709	14.77
65-69	0.1942300	44,626	8,668	201,460	521,234	11.68
70-74	0.2858320	35,958	10,278	154,095	319,774	8.89
75-79	0.4085760	25,680	10,492	102,170	165,679	6.45
80+	1.0000000	15,188	15,188	63,509	63,509	4.18

TABLE P -ESTIMATED ABRIDGED LIFE TABLE FOR PESHAWAR
DIVISION FEMALES: 1970-1975

X	n^d_x	l_x	n^d_x	nL_x	T_x	e_x
0	0.1155880	100,000	11,559	91,909	4,780,547	47.81
1-4	0.0953760	88,441	8,435	336,051	4,688,638	53.01
5-9	0.0411300	80,006	3,291	391,803	4,352,587	54.40
10-14	0.0225380	76,715	1,729	379,253	3,960,784	51.63
15-19	0.0243900	74,986	1,829	370,358	3,581,531	47.76
20-24	0.0286260	73,157	2,094	360,550	3,211,173	43.89
25-29	0.0331260	71,063	2,354	349,430	2,850,623	40.11
30-34	0.0382560	68,709	2,629	336,973	2,501,193	36.40
35-39	0.0437600	66,080	2,892	323,170	2,164,220	32.75
40-44	0.0489760	63,188	3,095	308,203	1,841,050	29.14
45-49	0.0538680	60,093	3,237	292,373	1,532,847	25.51
50-54	0.0676940	56,856	3,849	274,658	1,240,474	21.82
55-59	0.0904840	53,007	4,796	253,045	965,816	18.22
60-64	0.1310020	48,211	6,316	225,265	712,771	14.78
65-69	0.1949140	41,895	8,166	189,060	487,506	11.64
70-74	0.2890620	33,729	9,750	144,270	298,446	8.85
75-79	0.4092020	23,979	9,812	95,365	154,176	6.43
80+	1.0000000	14,167	14,167	58,811	58,811	4.15

TABLE Q -ESTIMATED ABRIDGED LIFE TABLE FOR PESHAWAR
DIVISION MALES: 1975-1980

X	n^q_x	l_x	n^d_x	n^L_x	T_x	$^o e_x$
0	0.0986420	100,000	9,864	93,095	5,183,387	51.83
1-4	0.0643420	90,136	5,800	348,364	5,090,292	56.47
5-9	0.0284880	84,336	2,403	415,673	4,741,928	56.23
10-14	0.0157620	81,933	1,291	406,438	4,326,255	52.80
15-19	0.0201980	80,642	1,629	399,138	3,919,817	48.61
20-24	0.0288380	79,013	2,279	389,368	3,520,679	44.56
25-29	0.0301400	76,734	2,313	377,888	3,131,311	40.81
30-34	0.0322140	74,421	2,397	366,113	2,753,423	37.00
35-39	0.0363160	72,024	2,616	353,580	2,387,310	33.15
40-44	0.0437860	69,408	3,039	339,443	2,033,730	29.30
45-49	0.0534720	66,369	3,549	322,973	1,694,287	25.53
50-54	0.0709660	62,820	4,458	302,955	1,371,314	21.83
55-59	0.0922720	58,362	5,385	278,348	1,068,359	18.31
60-64	0.1314680	52,977	6,965	247,473	790,011	14.91
65-69	0.1904000	46,012	8,761	208,158	542,538	11.79
70-74	0.2807480	37,251	10,458	160,110	334,380	8.98
75-79	0.4027240	26,793	10,790	106,990	174,270	6.50
80+	1.0000000	16,003	16,003	67,280	67,280	4.20

TABLE R -ESTIMATED ABRIDGED LIFE TABLE FOR PESHAWAR
DIVISION FEMALES: 1975-1980

X	nq_x	l_x	nd_x	nL_x	T_x	${}^o e_x$
0	0.1087320	100,000	10,873	92,389	4,929,015	49.29
1-4	0.0878640	89,127	7,831	340,063	4,836,626	54.27
5-9	0.0379300	81,296	3,084	398,770	4,496,563	55.31
10-14	0.0209820	78,212	1,641	386,958	4,097,793	52.39
15-19	0.0229100	76,571	1,754	378,470	3,710,835	48.46
20-24	0.0270340	74,817	2,023	369,028	3,332,365	44.54
25-29	0.0312740	72,794	2,277	358,278	2,963,337	40.71
30-34	0.0360540	70,517	2,542	346,230	2,605,059	36.94
35-39	0.0412500	67,975	2,804	332,865	2,258,829	33.23
40-44	0.0464840	65,171	3,029	318,283	1,925,964	29.55
45-49	0.0513220	62,142	3,189	302,738	1,607,681	25.87
50-54	0.0649060	58,953	3,826	285,200	1,304,943	22.14
55-59	0.0867160	55,127	4,780	263,685	1,019,743	18.50
60-64	0.1260280	50,347	6,345	235,873	756,058	15.02
65-69	0.1883760	44,002	8,289	199,288	520,185	11.82
70-74	0.2806380	35,713	10,022	153,510	320,897	8.99
75-79	0.3996380	25,691	10,267	102,788	167,387	6.52
80+	1.0000000	15,424	15,424	64,599	64,599	4.19

TABLE S -ESTIMATED ABRIDGED LIFE TABLE FOR PESHAWAR
DIVISION MALES: 1980-1985

X	n^d_x	l_x	n^d_x	n^L_x	T_x	$^o e_x$
0	0.0940960	100,000	9,410	93,413	5,280,623	52.81
1-4	0.0600460	90,590	5,440	350,936	5,187,210	57.26
5-9	0.0267740	85,150	2,280	420,050	4,836,274	56.80
10-14	0.0149260	82,870	1,237	411,258	4,416,224	53.29
15-19	0.0193940	81,633	1,583	404,208	4,004,966	49.06
20-24	0.0277140	80,050	2,219	394,703	3,600,758	44.98
25-29	0.0289400	77,831	2,252	383,525	3,206,055	41.19
30-34	0.0309520	75,579	2,339	372,048	2,822,530	37.35
35-39	0.0348880	73,240	2,555	359,813	2,450,482	33.46
40-44	0.0421180	70,685	2,977	345,983	2,090,669	29.58
45-49	0.0515860	67,708	3,493	329,808	1,744,686	25.77
50-54	0.0689080	64,215	4,425	310,013	1,414,878	22.03
55-59	0.0897260	59,790	5,365	285,538	1,104,865	18.48
60-64	0.1283940	54,425	6,988	254,655	819,327	15.05
65-69	0.1865700	47,437	8,850	215,060	564,672	11.90
70-74	0.2756640	38,587	10,637	166,343	349,612	9.06
75-79	0.3968720	27,950	11,093	112,018	183,269	6.56
80+	1.0000000	16,857	16,857	71,251	71,251	4.23

TABLE T -ESTIMATED ABRIDGED LIFE TABLE FOR PESHAWAR
DIVISION FEMALES: 1980-1985

X	n^q_x	l_x	n^d_x	nL_x	T_x	$^o e_x$
0	0.1018760	100,000	10,188	92,868	5,082,255	50.82
1-4	0.0803520	89,812	7,217	344,092	4,989,387	55.55
5-9	0.0347300	82,595	2,869	405,803	4,645,295	56.24
10-14	0.0194260	79,726	1,549	394,758	4,239,492	53.18
15-19	0.0214300	78,177	1,675	386,698	3,844,734	49.18
20-24	0.0254420	76,502	1,946	377,645	3,458,036	45.20
25-29	0.0294220	74,556	2,194	367,295	3,080,391	41.32
30-34	0.0338520	72,362	2,450	355,685	2,713,096	37.49
35-39	0.0387400	69,912	2,708	342,790	2,357,411	33.72
40-44	0.0439920	67,204	2,956	328,630	2,014,621	29.98
45-49	0.0487760	64,248	3,134	313,405	1,685,991	26.24
50-54	0.0621180	61,114	3,796	296,080	1,372,586	22.46
55-59	0.0829480	57,318	4,754	274,705	1,076,506	18.78
60-64	0.1210540	52,564	6,363	246,913	801,801	15.25
65-69	0.1818380	46,201	8,401	210,003	554,888	12.01
70-74	0.2722140	37,800	10,290	163,275	344,885	9.12
75-79	0.3900740	27,510	10,731	110,723	181,610	6.60
80+	1.0000000	16,779	16,779	70,887	70,887	4.23

TABLE U -ESTIMATED ABRIDGED LIFE TABLE FOR PESHAWAR
DIVISION MALES: 1985-1990

X	nq_x	l_x	nd_x	nL_x	T_x	$^o e_x$
0	0.0895500	100,000	8,955	93,732	5,379,876	53.80
1-4	0.0557500	91,045	5,076	353,520	5,286,144	58.06
5-9	0.0250600	85,969	2,154	424,460	4,932,624	57.38
10-14	0.0140900	83,815	1,181	416,123	4,508,164	53.79
15-19	0.0185900	82,634	1,536	409,330	4,092,041	49.52
20-24	0.0265900	81,098	2,156	400,100	3,682,711	45.41
25-29	0.0277400	78,942	2,190	389,235	3,282,611	41.58
30-34	0.0296900	76,752	2,279	378,063	2,893,376	37.70
35-39	0.0334600	74,473	2,492	366,135	2,515,313	33.78
40-44	0.0404500	71,981	2,912	352,625	2,149,178	29.86
45-49	0.0497000	69,069	3,433	336,763	1,796,553	26.01
50-54	0.0668500	65,636	4,388	317,210	1,459,790	22.24
55-59	0.0871800	61,248	5,340	292,890	1,142,580	18.66
60-64	0.1253200	55,908	7,006	262,025	849,690	15.20
65-69	0.1827400	48,902	8,936	222,170	587,665	12.02
70-74	0.2705800	39,966	10,814	172,795	365,495	9.15
75-79	0.3910200	29,152	11,399	117,263	192,700	6.61
80+	1.0000000	17,753	17,753	75,437	75,437	4.25

TABLE V -ESTIMATED ABRIDGED LIFE TABLE FOR PESHAWAR
DIVISION FEMALES: 1985-1990

X	nq_x	l_x	n^d_x	nL_x	T_x	$^o e_x$
0	0.0950200	100,000	9,502	93,349	5,240,747	52.41
1-4	0.0728400	90,498	6,592	348,149	5,147,398	56.88
5-9	0.0315300	83,906	2,646	412,915	4,799,249	57.20
10-14	0.0178700	81,260	1,452	402,670	4,386,334	53.98
15-19	0.0199500	79,808	1,592	395,060	3,983,664	49.92
20-24	0.0238500	78,216	1,865	386,418	3,588,604	45.88
25-29	0.0275700	76,351	2,105	376,493	3,202,186	41.94
30-34	0.0316500	74,246	2,350	365,355	2,825,693	38.06
35-39	0.0362300	71,896	2,605	352,968	2,460,338	34.22
40-44	0.0415000	69,291	2,876	339,265	2,107,370	30.41
45-49	0.0462300	66,415	3,070	324,400	1,768,105	26.62
50-54	0.0593300	63,345	3,758	307,330	1,443,705	22.79
55-59	0.0791800	59,587	4,718	286,140	1,136,375	19.07
60-64	0.1160800	54,869	6,369	258,423	850,235	15.50
65-69	0.1753000	48,500	8,502	221,245	591,812	12.20
70-74	0.2637900	39,998	10,551	173,613	370,567	9.27
75-79	0.3805100	29,447	11,205	119,223	196,954	6.69
80+	1.0000000	18,242	18,242	77,731	77,731	4.26

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ERRATA SHEET FOR RESEARCH REPORT NO. 89

Page 5, Table I:

Replace the word "proportionate" by the word "percent".

Page 6, 3rd line:

Should read as, "smooth the age distributions for males and females by the method of".

Page 8, 9th and 10th lines:

Should read as, "fertility rates (ASFR) given in the second column of Table III we estimated the ASFR corresponding to".

Page 10, 7th and 8th lines:

Within brackets should read as, "viz 2.43 percent per annum".

Page 10, 15th line:

Should read as, "this yielded a net out-migration rate of -0.267 percent".

Page 10, 21st line:

Should read as, "thus, we arbitrarily decided that in the base period 80 per".

Page 11, 11th line:

Should read as, "the period 1960-65 to 1985-1990 will be such that".

Page 12, 12th line:

Replace, "Distribution" by "distributions".

Page 15, 8th line:

Should read as, "Table V that the population of Peshawar Division doubled".

Page 15, 10th line:

Should read as, "while we estimate that it will again be doubled in less".

Page 18, Table VII:

The decimal in sixth column should be shifted by one place to the left, that is, the figure 2.235 should read as 22.35 and so on.

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