SOCIAL DEVELOPMENT RANKING OF DISTRICTS OF PAKISTAN

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1. INTRODUCTION

International comparisons reveal the lack of correlation between the ranking of countries in terms of levels of economic and social development. Pakistan is an example of a developing country with relatively high per capita income but extremely poor social/human development indicators. The objectives of this paper are two fold: first, determine the extent of variation among districts in the level of social development and second to examine in the spatial context for Pakistan how strong the relationship is between levels of economic and social development and what explains regional differences in the level of social development. The former will help us in particular in identifying districts which have a low ranking within the country in terms of the level of social development. These districts can be targeted for special development allocations within the SAP to reduce the extent of regional disparity in terms of access to basic services like primary education, health, water supply, etc. If it emerges that the socially underdeveloped districts are also economically backward then the underlying reason may be the absence of a strong private sector or the absence of a local tax base or income affordability to finance the provision of these services. As case can then be made for transfer of resources to such regions.

Earlier research at the district level in Pakistan by Pasha, Mallik and Jamal [1990] has, in fact. demonstrated that education and housing indicators are highly correlated with the overall level of development. Districts which have a relatively developed/underdeveloped education sector in terms of literacy and primary enrollment rates generally appear to have higher/lower ranking in terms of the composite level of development. Although it is difficult to come to any definitive conclusions about the direction of causality this finding tends to substantiate the view that regions of the country which have made greater progress are endowed with higher levels of human development.

The paper is organised as follows: Section 2 gives the choice of social development indicators. Section 3 gives the methodology for derivation of the composite indicator of social development while Section 4 gives the resultant ranking of districts. Section 5 presents the regression model and results of determinants of regional variations in the level of social development. Finally, in Section 6 are given the conclusions.

2. CHOICE OF INDICATORS

The choice of development indicators at the district level is governed by a number of considerations. First, an attempt has been made to achieve as wide a sectoral coverage as possible. As such indicators have been selected to highlight development of sectors like education, health, water supply. Second, two alternatives were available regarding the choice of indicators: we could concentrate on measuring the consequences of development or the level of development inputs. Greater reliance in this study is on the latter primarily because of the lack of districtwise data on the former. For example, if the output approach had been adopted to measure development of the education sector, the indicators used would have been, for example, school graduates as a percentage of the labor force both in stock and in flow. But since data is not available on this magnitude the alternative chosen is to quantify the level of inputs in the form of teachers, schools, hospitals, beds, etc. Therefore, while there may be some loss of precision in the quantification of the level of development, the results are perhaps more useful and operational in character from the planning view point.

The lack of data has not only constrained the approach to the construction of social development but it has limited the number of indicators. Nevertheless, it has been possible to identify 11 indicators relating to health, education and water supply. Diverse sources of data have been used for quantifying the indicators. Firstly, data has been taken from the last census of population, housing survey by the FBS and development statistics of the provincial governments. Secondly, relevant data has also been collected from other published documents of the Federal, Provincial governments and FBS.

Described below are the social indicators chosen in each sector. Education

Both stock and flow measures have been defined for the education sector. The stock measure is the literacy rate by gender which indicates the level of literacy among the population aged ten years and above in a district which has been taken from district census report of 1981. Measures of flow of output from the education sector relate to enrollment rates at the primary and secondary level (male and female separately). Information regarding enrolments at different levels has been taken from development statistics of the province. The relevant school age going population in each district have been projected on the basis of intercensal growth rates for purposes of deriving the enrollment rates. However, the distribution of census population has

been adjusted according to newly formed districts which has been reported in the publication. Administrative Units of Pakistan, a publication of the Population Census organisation.

Health

Three types of indicators of development of the health sector have been defined. The first relates to health personnel i.e doctors and nurses per 10,000 population, second, to hospital and rural health centre beds per 1,000 population while the third to number of patients treated in relation to total population. The last indicator is essentially an output measure. However, as the information regarding the number of district-wise doctors and nurses for the year 1991/92 was not available for Punjab. Therefore, it has been estimated on the basis of extrapolation of figures given in Health Statistics, a publication of provincial governments.

Housing

Only one indicator has been used to measure the level of social development, that is, access to water supply. The particular indicator use is percentages of households with inside water connections. As the data on water supply was not available for the latest year, the analysis has been done on the information reported in the Housing Survey of 1989 carried out by the FBS.

Ninety four districts (as of 1991-92) and eleven indicators have been included in the analysis. This includes 34 districts from Punjab, 15 from Sindh, 20 from NWFP and 25 from Balochistan. Out of the eleven indicators, 6 relate to education, 4 to health and 1 to water supply.

Indicators	Mean	Variance	Coefficient of
			Variation
Doctors per 1000 Population	2.03	4.25	0.98
Nurses per 1000 Population	0.87	2.69	0.53
Patients Treated per Population	0.43	0.15	1.10
Primary Enrollment - Boys (%)	73	0.08	2.55
Primary Enrollment - Girls (%)	33	0.07	1.29
Secondary Enrollment - Boys (%)	29	0.04	1.53
Secondary Enrollment - Girls (%)	10	0.01	1.05
Literacy Rate - Male (%)	24.52	190.70	1.78
Literacy Rate - Female (%)	10.50	76.57	1.20
Households with Access to Water (%)	16.77	187.31	1.23
Hospital Beds per 1000 Population	0.50	0.30	0.92

TABLE 1

Three summary measures, the mean, variance and the coefficient of variation, have been calculated to describe and compare the distributions of the indicators (see table 1). By doing so we derive the extent of regional variation in social development. It needs to he pointed out that the means of the various indicators do not correspond to the national values of these indicators. I liis is because they are simple averages and not averages weighted by the population or area of the district depending on the indicator.

3. METHODOLOGY OF MEASUREMENT In the literature on regional

development, a number of techniques have been used to reduce the dimensions of the complex multi variate problem associated with the construction of composite development indicator. The first is the /,-sum technique which sums for a particular district its Z-score on each indicator. The Z-score is the standardized score, which has zero mean and unit variance. The higher the Z-sum¹ the more developed the region

The second technique computes the taxonomic distance [Khan and Iqbal (1983) and Nissan and Gracy (1988)J, which is the Euclidean distance from the highest (standardised) values observed for different indicators2. The lower the taxonomic distance of a region or district, the more developed it is. Both the techniques have the problem of assigning equal importance to all development indicators. Further, the taxonomic distance technique is very sensitive to the *yffsence ffffu^wf*.

The Z-sum can be computed as follows:

$$(Z \quad sum)_i = \sum_{i=1}^n Z_i$$

where $Z_{ij} = \lambda_{ij} - X_i / S_i$, $n = numbers of indicators, <math>X_i = mean value of the ith indicator, <math>S_i^{(2)} = Standard deviation of the ith indicator, <math>X_{ij}^{(2)} = value of the ith indicator in the jth district.$

The taxonomic distance can be derived as follows:

$$(TD)_{j} = \left[\sum_{i=1}^{n} (Z_{ij} - Z_{i}^{*})^{2}\right]^{1/2}$$

where Zij = standardised (as described in the previous footnote) value of the ith indicator in the jth region, Zi*=highest standardised value of the ith indicator in all regions. The taxonomic distance is an Euclidean measure of the distance of a district from a hypothetical district which has the highest value for all the development indicators.

4

The third and the most sophisticated method for indexing a multidimensional phenomenon is Factor Analysis (FA) technique (Adelman and Dalton (1971). This technique reduces the number of relationships by grouping together all those variables which are most highly correlated with each other into one factor or component. Thus the FA model can be described as follows:

$$X_{i} = a_{i1} F_{1} + a_{i12} F_{2} \dots + a_{ij} F_{j}$$
(1)

where.

1

- X_i is the ith indicator.
- a_{ij} is called the factor loading and represents the proportion of the variation in Xi which is accounted for by the jth factor.
- Σa_{ij} is called the communality and it is equivalent to the multiple regression coefficient in regression analysis
- F_i represents jth factor or component.

Principal Components Analysis (PCA) produces components in descending order of importance. that is, the first component explains the maximum amount of variation in the data, and the last component the minimum. It is often found that the First few components, called principal components, account for a sizeable part of the variation and subsequent components contribute very little. Using factor loadings of these principal components, factor score for each region or unit is computed as follows:

$$(FS)_{kj} = \sum_{k} e_{ij} * Z_{i}$$
(2)

where,

 FS_{ν_i} — represents factor score of the kth region and the jth factor,

 Z_i is the standardised value of the ith indicator,

 Σe_{ii} is the factor loading of the jth factor and the ith indicator.

To compute weighted factor score (WFS), these individual factor scores are derived from the following equation:

$$(WFS)_{k} = \sum_{k} e_{j} (FS)_{kj}$$
(3)

where ej is the eigen value of the factor j and depicts the proportion of variation in the data set explained by the factor j. This WFS is used as an index for ranking regions on the basis of the general characteristics of the variable-set. In this study, PCA is preferred to explain the grouping of variables, with WFS being used to rank the district due to its more appealing characteristics. However, Z-sum technique is also used to observe the sensitiveness of the results with respect to the choice of technique for deriving the composite indicators. Pasha and Hasan (1982), Pasha et al (1990) also used these two techniques.

Fft	TAH ^CTOR LOAI	LE 2 DING MATR	Х		
Variable	Factor 1	Factor 2	Factor 3	Factor 4	Communality
Secondary Enrollment - Girls (%)	0.88133	0.14516	0.30654	0.1646	0.919
Literacy Rate - Female (%)	0.82926	0.27829	0.2451 I	-0.07239	0.847
Lileracy I-t;ile - Male ("ii)	0.80951	0.1 176.1	0.30996	0.27688	0.842
Primary Enrollment - Girls (%)	0.79726	0.10043	0.20128	0.40248	0.848
Secondary Enrollment - Boys (%)	0.71632	0.15801	0.203 14	0.47522	0.805
Households with Access to Water (%)	0.40003	0.84549	0.06185	-0.10853	0.890
Patients Treated per Population	0.07031	0,80268	0.21396	0.22458	0.745
Hospital Beds per 1000 Population	0.0549	0.75256	0.3051	0.35518	0.789
Doctors per 1000 population	0.25292	0.24332	0.86359	0.0883	0.937
Nurses per 1000 population	0.37494	0.24848	0.85231	-0.02692	0.929
Primary Enrollment - Boys (%)	0.37031	0.26334	-0.03524	0.8318	0.900
Eigenvalues	6.19901	1.49286	1.14938	0.61098]

Table 2 presents the loading of each indicator on different factors. In addition, it gives the eigen values of each factor. Four factors emerge from the principal components analysis. These factors are described below:

Factor 1

Five out of 11 indicators load highly on this factor. It is by far the most important factor and includes most of the indicators from the education sector. As such education can be interpreted the most important service capturing variation in the level of social development.

Factor 2

This factor includes three indicators. It. essentially comprises of health and water supply and sanitation

Factor 3

The two indicators in this factor also relate to health. It is essentially a continuation of factor 2 and reflects the same underlying phenomena.

Factor 4

This factor includes only one indicator, primary hoys enrollment rate. This indicator represents the most basic level of education and, therefore, variation in its magnitude is not strongly correlated with the overall level of social development.

4. RANKING. OF DISTRICTS

The rank ordering of districts in 1WO/91 is presented in Table 3. *The* table gives rankings generated by the principal components analysis (weighted factor score) and the Z-sum technique respectively. The correlation between the two rankings is 0.988. This indicates the robustness of the results which is also highlighted by the fact that except for Gujranwala, the top ten districts in WFS are also in the list of top 10 districts indicated by the Z-score.

Karachi and Rawalpindi are the most developed districts in Pakistan in terms of in social indicators according to the WFS while in Z-score ranking Lahore and Quetta displace Karachi and Rawalpindi as the most developed districts. Besides these the list of lop 10 districts include Chakwal. Jhelum, Gujrat, Faisalabad, and Sialkot. Gujranwala and Peshawar rank 10th in the WFS and z-score rankings respectively. These top ten districts account for almost 25 percent of the country's population. It may be noted that according to both the techniques most of the top districts are located in the province of Punjab with one each in the other three provinces. This tends to indicate that Punjab is ahead of the other provinces in terms of social development.

At the lower end of the distribution, seven out often districts are the same in both the rankings. According to WFS, Dera Bugti and Jalmagsi are the least developed districts while Kohistan and Nasirabad emerge as the lowest two districts in Z-score ranking. The other least developed districts according to both the rankings include Zhob, Khuzdar, Kalat, Kharan, Turbat, Balan, Panjgur, Awaran and Killa Saifullah, all districts of Balochistan. Estimates are that about 5 percent of the national population resides in these districts. Nine of these districts are in Balochistan. This implies that Balochistan is least socially developed province in the country.

TABLE 3

Listincts Province L2-SOURE TOP DUARTLE TOP 3.7790 2 Rawalpindi [S] 26.0147 I.Lahore [P] 3.7790 2 Rawalpindi [P] 16.9032 2 Quetta [B] 27.1702 3 Chakwal i P i 16.2396 3 Rawalpindi [P] 15.1961 5 Jahelum [P] 13.8476 5 Karachi [S] 15.0423 6 Quetta [B] 11.4693 6 Faisalahad [P] 12.4723 7 Gujrat [P] 10.639 S Saikot iP] 10.4392 9 Saikot [P] 9.5103 9 Gujrat [P] 10.2695 10 Gujranwala [P] 9.87161 11 Gujranwala [P] 10.4392 2 M.sandudin [P] 7.4406 13 Haripur [NJ 7.1679 14 Haripur [N] 6.3122 14 Shaiwal [P] 6.6496 <t< th=""><th></th><th>District</th><th></th><th>114/50</th><th>L D'a Cata</th><th></th><th>7.00005</th></t<>		District		114/50	L D'a Cata		7.00005
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14 Haripur [N] 6.3132 14 Shaiwal [P] 6.6496 15 Attock [P] 5.4162 15 Attock [P] 6.6496 16 Sargodha [P] 5.0561 16 Multan [P] 5.7214 17 Hyderabad [S] 4.8612 17 Abbottabad [N] 5.5262 18 Silaiwal IPI 4.3784 18 Sibi [B1 5.2867 19 Nawshera [N] 4.0355 19 Nawshera [N] 4.9870 20 Khanewal [P] 3.5312 20 Sargodha [P] 4.7876 21 Multan [P] 3.3155 21 Narowal [P] 4.1047 23 Okara (P] 2.8373 23 Kohat [N1 4.0355 24 Sheikhupui-a [P] 2.7449 24 Hyderabad [S] 4.0355 25 Abbottabad [N] 2.3308 26 Rahim Yar Khan [P] 3.3607 27 Tank [N] 2.21264 28 Bhawalpur [P] 3.3652	13	Narowal	[P]	7.4406	13 Haripur	[NJ	7.1679
15 Attock [P] 5.4162 15 Attock [P] 6.6496 16 Sargodha [P] 5.0561 16 Multan [P] 5.7214 17 Hyderabad [S] 4.8612 17 Abbottabad [N] 5.5262 18 Silaiwal IPI 4.3784 18 Sbi [B1 5.2867 19 Nawshera [N] 4.0355 19 Nawshera [N] 4.9870 20 Khanewal [P] 3.5152 21 Sargodha [P] 4.7876 21 Multan [P] 3.3155 21 Narowal [P] 4.1047 23 Okara (PI 2.8373 23 Kohat [N1 4.0671 24 Sheikhupui-a fP] 2.7449 24 Hyderabad IS) 4.0355 26 Charsadda [N] 2.308 26 Rahim Yar Khan [P] 3.3607 27 Tank [N] 2.2013 27 Mainwalai fP] 3.3278 29 Malakand [N] 1.6083 29 Tank [N1 2.84433 <t< td=""><td>14</td><td>Haripur</td><td>[N]</td><td>6.3132</td><td>14 Shaiwal</td><td>[P]</td><td>6.8214</td></t<>	14	Haripur	[N]	6.3132	14 Shaiwal	[P]	6.8214
16 Sargodha [P] 5.0561 16 Multan [P] 5.7214 17 Hyderabad [S] 4.8612 17 Abbottabad [N] 5.5262 18 Sliaiwal IPI 4.3784 18 Sibi [B1 5.2867 19 Nawshera [N] 4.0355 19 Nawshera [N] 4.9870 20 Khanewal [P] 3.5312 20 Sargodha [P] 4.7876 21 Multan [P] 3.3155 21 Narowal [P] 4.0667 22 Naushero F. [S] 3.3003 22 M. Baha Uddin [P] 4.1047 23 Okara [P] 2.7449 24 Hyderabad [S] 4.0355 25 Abbottabad [Nj 2.7280 25 Charsadda [N1 3.8821 26 Charsadda [N] 2.2013 27 Mainwalai [P] 3.3278 28 Bahawalnagar [P] 2.1264 28 Bhawalpur [P] 3.3278 29 Malakand [N] 1.6083 29 Tank [N1 2.7443 <td>15</td> <td>Attock</td> <td>[P]</td> <td>5.4162</td> <td>15 Attock</td> <td>[PI</td> <td>6.6496</td>	15	Attock	[P]	5.4162	15 Attock	[PI	6.6496
17 Hyderabad [S] 4.8612 17 Abbottabad [N] 5.5262 18 Slaiwal IPI 4.3784 18 Sibi [B1 5.2867 19 Nawshera [N] 4.0355 19 Nawshera [N] 4.9870 20 Khanewal [P] 3.515 21 Narowal [P] 4.7876 21 Multan [P] 3.3155 21 Narowal [P] 4.00671 24 Sheikhupui-a [P] 2.7449 24 Hyderabad [S] 4.0355 25 Abbottabad [N] 2.7280 25 Charsadda [N1 3.8621 26 Charsadda [N] 2.308 26 Rahim Yar Khan [P] 3.3607 27 Tank [N] 2.2013 27 Mainwalai fP] 3.3278 28 Bahawalnagar [P] 2.1264 28 Bhawalpur [P] 3.1852 29 Malakand [N] 1.0033 30 D.I. Khan [N] 2.4443 30 Peshawar [N] 1.0353 32 Chitral [N] 2.4402	16	Sargodha	[P]	5.0561	16 Multan	[P]	5.7214
18 Silaiwal IPI 4.3784 18 Sibi [B1 5.2867 19 Nawshera [N] 4.0355 19 Nawshera [N] 4.9870 20 Khanewal [P] 3.5312 20 Sargodha [PI 4.7876 21 Multan [P] 3.3155 21 Narowal [P] 4.5065 22 Naushero F. [S] 3.3003 22 M. Baha Uddin [P] 4.1047 23 Okara (P) 2.8373 23 Kohat [N1 4.0671 24 Sheikhupui-a fP] 2.7449 24 Hyderabad [S] 4.0355 25 Abbottabad [N] 2.7280 25 Charsadda [N1 3.8821 26 Charsadda [N] 2.2013 27 Mainwalai fP] 3.3278 28 Bahawalnagar [P] 2.1264 28 Bhawalpur [P] 3.852 29 Malakand [N] 1.6083 29 Tank [N1 2.7729 30 D.I. Khan [N1 2.7729 31 Larkana [S] 2.4402	17	Hyderabad	[S]	4.8612	17 Abbottabad	[N]	5.5262
19 Nawshera [N] 4.0355 19 Nawshera [N] 4.9870 20 Khanewal [P] 3.5312 20 Sargodha [P] 4.7876 21 Multan [P] 3.3155 21 Narowal [P] 4.5065 22 Naushero F. [S] 3.3003 22 M. Baha Uddin [P] 4.1047 23 Okara (P] 2.8373 23 Kohat [N1 4.0671 24 Sheikhupui-a fP] 2.7449 24 Hyderabad [S) 4.0355 25 Abbottabad [N] 2.3008 26 Rahim Yar Khan [P] 3.3607 27 Tank [N] 2.3038 26 Rahim Yar Khan [P] 3.1852 29 Malakand [N] 2.308 29 Tank [N1 2.8443 30 Peshawar [N] 1.6083 29 Tank [N1 2.7729 31 Larkana [S] 1.0353 32 Chitral [N] 2.24402	18	Sliaiwal	IPI	4.3784	18 Sibi	[B1	5.2867
20 Khanewal [P] 3.5312 20 Sargodha [P] 4.7876 21 Multan [P] 3.3155 21 Narowal [P] 4.5065 22 Naushero F. [S] 3.3003 22 M. Baha Uddin [P] 4.1047 23 Okara (P] 2.8373 23 Kohat [N1 4.0671 24 Sheikhupui-a fP] 2.7449 24 Hyderabad [S) 4.0355 25 Abbottabad [N] 2.7280 25 Charsadda [N1 3.8821 26 Charsadda [N] 2.3308 26 Rahim Yar Khan [P] 3.3607 27 Tank [N] 2.2013 27 Mainwalai fP] 3.3278 28 Bahawalnagar [P] 2.1264 28 Bhawalpur [P] 3.1852 29 Malkand [N] 1.6083 29 Tank [N1 2.8443 30 Peshawar [N] 1.6083 29 Tank [N] 2.4750	19	Nawshera	[N]	4.0355	19 Nawshera	[N]	4.9870
21 Multan [P] 3.3155 21 Narowal [P] 4.5065 22 Naushero F. [S] 3.3003 22 M. Baha Uddin [P] 4.1047 23 Okara (Pl 2.8373 23 Kohat [N1 4.0671 24 Sheikhupui-a fP] 2.7449 24 Hyderabad IS) 4.0355 25 Abbottabad [N] 2.7280 25 Charsadda [N1 3.8821 26 Charsadda [N] 2.3308 26 Rahim Yar Khan [P] 3.3607 27 Tank [N] 2.308 26 Rahim Yar Khan [P] 3.3278 28 Bahawalnagar [P] 2.1264 28 Bhawalpur [P] 3.1852 29 Malakand [N] 1.6083 29 Tank [N1 2.8443 30 Peshawar [N] 1.3097 30 D.I. Khan [S] 2.4750 THIRD QUARTILE ************************************	20	Khanewal	[P]	3.5312	20 Sargodha	[PI	4.7876
22 Naushero F. [S] 3.3003 22 M. Baha Uddin [P] 4.1047 23 Okara (PI 2.8373 23 Kohat [N1 4.0671 24 Sheikhupui-a fP] 2.7449 24 Hyderabad [S] 4.0355 25 Abbottabad [N] 2.7280 25 Charsadda [N1 3.8821 26 Charsadda [N] 2.308 26 Rahim Yar Khan [P] 3.3607 27 Tank [N] 2.2013 27 Mainwalai fP] 3.3278 28 Bahawalnagar [P] 2.1264 28 Bhawalpur [P] 3.1852 29 Malakand [N] 1.6083 29 Tank [N1 2.8443 30 Peshawar [N] 1.3097 30 D.I. Khan [N1 2.4402 32 Mainwalai [P] 1.0231 33 Karak [N] 2.4450 34 Karak [N] 0.7639 35 Bannu [N1 1.5821	21	Multan	[P]	3.3155	21 Narowal	[P]	4.5065
23 Okara (Pl 2.8373 23 Kohat [N1 4.0671 24 Sheikhupui-a fP] 2.7449 24 Hyderabad IS) 4.0355 25 Abbottabad [Nj 2.7280 25 Charsadda [N1 3.8821 26 Charsadda [N] 2.3308 26 Rahim Yar Khan [P] 3.3607 27 Tank [N] 2.308 26 Rahim Yar Khan [P] 3.3607 27 Tank [N] 2.2013 27 Mainwalai fP] 3.3278 28 Bahawalnagar [P] 2.1264 28 Bhawalpur [P] 3.1852 29 Malakand [N] 1.6083 29 Tank [N1 2.8443 30 Peshawar [N] 1.3097 30 D.I. Khan [N1 2.7729 31 Larkana [S] 1.0353 32 Chitral [N] 2.4402 32 Mainwalai [P] 1.0231 33 Karak [N] 2.2440 34 Karak [N] 0.7639 35 Bannu [N1 1.5821 <	22	Naushero F.	[S]	3.3003	22 M. Baha Uddin	IP1	4.1047
24 Sheikhupui-a FP] 2.7449 24 Hyderabad IS) 4.0355 25 Abbottabad [Nj 2.7280 25 Charsadda [N1 3.8821 26 Charsadda [N] 2.3308 26 Rahim Yar Khan [P] 3.3607 27 Tank [N] 2.2013 27 Mainwalai fP] 3.3278 28 Bahawalnagar [P] 2.1264 28 Bhawalpur [P] 3.1852 29 Malakand [N] 1.6083 29 Tank [N1 2.8443 30 Peshawar [N] 1.3097 30 D.I. Khan [N1 2.8443 30 Peshawar [N] 1.3097 30 D.I. Khan [N1 2.7729 31 Mirpurkhas [S] 1.0353 32 Chitral [N] 2.4402 32 Mainwalai [P] 1.0231 33 Karak [N] 2.2741 33 Hafizabad [P] 0.8930 34 Khushab [P] 2.2490<	23	Okara	(PI	2.8373	23 Kohat	[N1	4.0671
25 Abbottabad [N] 2.7280 25 Charsadda [N1 3.8821 26 Charsadda [N] 2.3308 26 Rahim Yar Khan [P] 3.3607 27 Tank [N] 2.2013 27 Mainwalai fP] 3.3278 28 Bahawalnagar [P] 2.1264 28 Bhawalpur [P] 3.1852 29 Malakand [N] 1.6083 29 Tank [N1 2.8443 30 Peshawar [N] 1.3097 30 D.I. Khan [N1 2.7729 THIRD QUARTILE 31 Mirpurkhas [S] 1.0353 32 Chitral [N] 2.4402 32 Mainwalai [P] 1.0231 33 Karak [N] 2.24402 33 Hafizabad [P] 0.8930 34 Khushab [P] 2.2490 34 Karak [N] 0.7639 35 Bannu [N1 1.5821 35 Sukkar [S] 0.6428 37 Naushero V. [S] 1.5669 37 Swabi [N] 0.5445 38	24	Sheikhupui-a	, fP]	2.7449	24 Hyderabad	IS)	4.0355
26 Charsadda [N] 2.3308 26 Rahim Yar Khan [P] 3.3607 27 Tank [N] 2.2013 27 Mainwalai fP] 3.3278 28 Bahawalnagar [P] 2.1264 28 Bhawalpur [P] 3.1852 29 Malakand [N] 1.6083 29 Tank [N1 2.8443 30 Peshawar [N] 1.3097 30 D.I. Khan [N1 2.7729 31 Mirpurkhas [S] 1.0353 32 Chitral [N] 2.4402 32 Mainwalai [P] 1.0231 33 Karak [N] 2.2470 34 Karak [N] 0.7639 35 Bannu [N1 1.5821 35 Sukkar [S] 0.6428 37 Naushero V. [S] 1.3569 37 Swabi [N] 0.5445 38 Malakand [N] 1.3358 38	25	Abbottabad	[Ni	2.7280	25 Charsadda	[N1	3.8821
27 Tank [N] 2.2013 27 Mainwalai fP] 3.3278 28 Bahawalnagar [P] 2.1264 28 Bhawalpur [P] 3.1852 29 Malakand [N] 1.6083 29 Tank [N1 2.8443 30 Peshawar [N] 1.3097 30 D.I. Khan [N1 2.7729 31 Larkana [S] 2.4750 2.4750 THIRD QUARTILE 31 Mirpurkhas [S] 1.0353 32 Chitral [N] 2.4402 32 Mainwalai [P] 1.0231 33 Karak [N] 2.2741 33 Hafizabad [P] 0.8930 34 Khushab [P] 2.2490 34 Karak [N] 0.7639 35 Bannu [N1 1.5821 35 Sukkar [S] 0.6430 36 Nawabshah [S] 1.3569 37 Swabi [N] 0.5445 38 Malakand [N] 1.3358 38 Vehari [P] 0.2881 40 Lakki [N1 0.6170<	26	Charsadda	[N]	2.3308	26 Rahim Yar Khan	[P]	3.3607
28 Bahawalnagar [P] 2.1264 28 Bhawalpur [P] 3.1852 29 Malakand [N] 1.6083 29 Tank [N1 2.8443 30 Peshawar [N] 1.3097 30 D.I. Khan [N1 2.7729 31 Larkana [S] 2.4750 2.4750 THIRD QUARTILE 33 Scrake [N] 2.24402 32 Mainwalai [P] 1.0231 33 Karak [N] 2.24402 32 Mainwalai [P] 1.0231 33 Karak [N] 2.2741 33 Hafizabad [P] 0.8930 34 Khushab [P] 2.2490 34 Karak [N] 0.7639 35 Bannu [N1 1.5821 35 Sukkar [S] 0.6430 36 Nawabshah [S] 1.3569 37 Swabi [N] 0.5445 38 Malakand [N] 1.3358 38 Vehari [P] 0.2881 <t< td=""><td>27</td><td>Tank</td><td>[N]</td><td>2.2013</td><td>27 Mainwalai</td><td>fP1</td><td>3.3278</td></t<>	27	Tank	[N]	2.2013	27 Mainwalai	fP1	3.3278
29 Malakand [N] 1.6083 29 Tank [N1 2.8443 30 Peshawar [N] 1.3097 30 D.I. Khan [N1 2.7729 31 Larkana [S] 2.4750 THIRD QUARTILE 31 Mirpurkhas [S] 1.0353 32 Chitral [N] 2.4402 32 Mainwalai [P] 1.0231 33 Karak [N] 2.24402 32 Mainwalai [P] 1.0231 33 Karak [N] 2.24402 33 Hafizabad [P] 0.8930 34 Khushab [P] 2.2490 34 Karak [N] 0.7639 35 Bannu [N1 1.5821 35 Sukkar [S] 0.6430 36 Nawabshah [S] 1.5610 36 D.I. Khan [N] 0.6428 37 Naushero V. [S] 1.3569 37 Swabi [N] 0.5445 38 Malakand [N] 1.3583 38 Vehari [P] 0.3224 39 Sheikhupura [P] 1.2868	28	Bahawalnagar	[P]	2.1264	28 Bhawalpur	[P]	3.1852
30 Peshawar [N] 1.3097 30 D.I. Khan [N1 2.7729 31 Larkana [S] 2.4750 THIRD QUARTILE 31 Mirpurkhas [S] 1.0353 32 Chitral [N] 2.4402 32 Mainwalai [P] 1.0231 33 Karak [N] 2.2741 33 Hafizabad [P] 0.8930 34 Khushab [P] 2.2490 34 Karak [N] 0.7639 35 Bannu [N1 1.5821 35 Sukkar [S] 0.6430 36 Nawabshah [S] 1.5610 36 D.I. Khan [N] 0.6428 37 Naushero V. [S] 1.3569 37 Swabi [N] 0.5445 38 Malakand [N] 1.3358 38 Vehari [P] 0.2281 40 Lakki [N1 0.6170 40 Khain [P] 0.2413 41 Mirpurkhas [S] 0.4713 41 Kasur [P] 0.2153 42 Swat [N] 0.4668 42	29	Malakand	[N]	1,6083	29 Tank	[N1	2,8443
Image: Solution of Constraints Image: Solution of Constraints Image: Solution of Constraints 31 Larkana [S] 2.4750 THIRD QUARTILE 31 Mirpurkhas [S] 1.0353 32 Chitral [N] 2.4402 32 Mainwalai [P] 1.0231 33 Karak [N] 2.2741 33 Hafizabad [P] 0.8930 34 Khushab [P] 2.2490 34 Karak [N] 0.7639 35 Bannu [N1 1.5821 35 Sukkar [S] 0.6430 36 Nawabshah [S] 1.5610 36 D.I. Khan [N] 0.6428 37 Naushero V. [S] 1.3569 37 Swabi [N] 0.5445 38 Malakand [N] 1.3358 38 Vehari [P] 0.3224 39 Sheikhupura [P] 1.2868 39 Rahim Yar Khan [P] 0.2881 40 Lakki [N] 0.6170 40 Khushab [P] 0.2153 42 Swat [N] 0.4668 42 </td <td>30</td> <td>Peshawar</td> <td>[N]</td> <td>1 3097</td> <td>30 D L Khan</td> <td>[N1</td> <td>2 7729</td>	30	Peshawar	[N]	1 3097	30 D L Khan	[N1	2 7729
THIRD QUARTILE Image: Second sec	00		[]	1.0001	31 Larkana	ISI	2.4750
31 Mirpurkhas [S] 1.0353 32 Chitral [N] 2.4402 32 Mainwalai [P] 1.0231 33 Karak [N] 2.2741 33 Hafizabad [P] 0.8930 34 Khushab [P] 2.2490 34 Karak [N] 0.7639 35 Bannu [N1 1.5821 35 Sukkar [S] 0.6430 36 Nawabshah [S] 1.5610 36 D.I. Khan [N] 0.6428 37 Naushero V. [S] 1.3569 37 Swabi [N] 0.5445 38 Malakand [N] 1.3358 38 Vehari [P] 0.3224 39 Sheikhupura [P] 1.2868 39 Rahim Yar Khan [P] 0.2881 40 Lakki [N1 0.6170 40 Khushab [P] 0.2413 41 Mirpurkhas [S] 0.4713 41 Kasur [P] 0.2153 42 Swat [N] 0.4668 42 Kohat [N] 0.1457 43 Khairpur [S] 0.2289 <t< td=""><td>THI</td><td>RD QUARTILE</td><td></td><td></td><td></td><td>[-]</td><td></td></t<>	THI	RD QUARTILE				[-]	
32 Mainwalai [P] 1.0231 33 Karak [N] 2.2741 33 Hafizabad [P] 0.8930 34 Khushab [P] 2.2490 34 Karak [N] 0.7639 35 Bannu [N1 1.5821 35 Sukkar [S] 0.6430 36 Nawabshah [S] 1.5610 36 D.I. Khan [N] 0.6428 37 Naushero V. [S] 1.3569 37 Swabi [N] 0.5445 38 Malakand [N] 1.3358 38 Vehari [P] 0.3224 39 Sheikhupura [P] 1.2868 39 Rahim Yar Khan [P] 0.2881 40 Lakki [N1 0.6170 40 Khushab [P] 0.2413 41 Mirpurkhas [S] 0.4713 41 Kasur [P] 0.2153 42 Swat [N] 0.4668 42 Kohat [N] 0.1457 43 Khairpur [S] 0.2289 43 Khairpur rs] -0.1975 44 Khanewal [P] -0.1656 <	31	Mirpurkhas	[S]	1.0353	32 Chitral	[N]	2.4402
33 Hafizabad [P] 0.8930 34 Khushab [P] 2.2490 34 Karak [N] 0.7639 35 Bannu [N1 1.5821 35 Sukkar [S] 0.6430 36 Nawabshah [S] 1.5610 36 D.I. Khan [N] 0.6428 37 Naushero V. [S] 1.3569 37 Swabi [N] 0.5445 38 Malakand [N] 1.3358 38 Vehari [P] 0.3224 39 Sheikhupura [P] 1.2868 39 Rahim Yar Khan [P] 0.2881 40 Lakki [N1 0.6170 40 Khushab [P] 0.2413 41 Mirpurkhas [S] 0.4713 41 Kasur [P] 0.2153 42 Swat [N] 0.4668 42 Kohat [N] 0.1457 43 Khairpur [S] 0.2289 43 Khairpur rs] -0.1975 44 Khanewal [P] -0.1656 44 Nawabshah [S] -0.1975 44 Khanewal [P] -0.1656	32	Mainwalai	IP1	1.0231	33 Karak	[N]	2.2741
34 Karak [N] 0.7639 35 Bannu [N1 1.5821 35 Sukkar [S] 0.6430 36 Nawabshah [S] 1.5610 36 D.I. Khan [N] 0.6428 37 Naushero V. [S] 1.3569 37 Swabi [N] 0.5445 38 Malakand [N] 1.3358 38 Vehari [P] 0.3224 39 Sheikhupura [P] 1.2868 39 Rahim Yar Khan [P] 0.2881 40 Lakki [N1 0.6170 40 Khushab [P] 0.2413 41 Mirpurkhas [S] 0.4713 41 Kasur [P] 0.2153 42 Swat [N] 0.4668 42 Kohat [N] 0.1457 43 Khairpur [S] 0.2289 43 Khairpur rs] -0.1975 44 Khanewal [P] -0.1656 44 Nawabshah [S] -0.1986 45 Sukkar [S] -0.4690 45 Layyah [P] -0.2253 46 Bahawalnagar [P] -0.7517 <td>33</td> <td>Hafizabad</td> <td>[P]</td> <td>0.8930</td> <td>34 Khushab</td> <td>[P]</td> <td>2.2490</td>	33	Hafizabad	[P]	0.8930	34 Khushab	[P]	2.2490
35 Sukkar [S] 0.6430 36 Nawabshah [S] 1.5610 36 D.I. Khan [N] 0.6428 37 Naushero V. [S] 1.3569 37 Swabi [N] 0.5445 38 Malakand [N] 1.3358 38 Vehari [P] 0.3224 39 Sheikhupura [P] 1.2868 39 Rahim Yar Khan [P] 0.2881 40 Lakki [N1 0.6170 40 Khushab [P] 0.2413 41 Mirpurkhas [S] 0.4713 41 Kasur [P] 0.2153 42 Swat [N] 0.4668 42 Kohat [N] 0.1457 43 Khairpur [S] 0.2289 43 Khairpur rs] -0.1975 44 Khanewal [P] -0.1656 44 Nawabshah [S] -0.1986 45 Sukkar [Sj -0.4690 45 Layyah [P] -0.2253 46 Bahawalnagar [P] -0.7517 46 Jhang [P] -0.6348 47 Bhakkar [P] -0.7959	34	Karak	[N]	0.7639	35 Bannu	[N1	1.5821
36 D.I. Khan [N] 0.6428 37 Naushero V. [S] 1.3569 37 Swabi [N] 0.5445 38 Malakand [N] 1.3358 38 Vehari [P] 0.3224 39 Sheikhupura [P] 1.2868 39 Rahim Yar Khan [P] 0.2881 40 Lakki [N1 0.6170 40 Khushab [P] 0.2413 41 Mirpurkhas [S] 0.4713 41 Kasur [P] 0.2153 42 Swat [N] 0.4668 42 Kohat [N] 0.1457 43 Khairpur [S] 0.2289 43 Khairpur rs] -0.1975 44 Khanewal [P] -0.1656 44 Nawabshah [S] -0.1986 45 Sukkar [Sj -0.4690 45 Layyah [P] -0.2253 46 Bahawalnagar [P] -0.7517 46 Jhang [P] -0.6348 47 Bhakkar [P] -0.7959 47 D.G. Khan [P] -0.6348 48 Okara [P] -0.7959	35	Sukkar	IS1	0.6430	36 Nawabshah	ເຮາ	1.5610
37 Swabi [N] 0.5445 38 Malakand [N] 1.3358 38 Vehari [P] 0.3224 39 Sheikhupura [P] 1.2868 39 Rahim Yar Khan [P] 0.2881 40 Lakki [N1 0.6170 40 Khushab [P] 0.2413 41 Mirpurkhas [S] 0.4713 41 Kasur [P] 0.2153 42 Swat [N] 0.4668 42 Kohat [N] 0.1457 43 Khairpur [S] 0.2289 43 Khairpur rs] -0.1975 44 Khanewal [P] -0.1656 44 Nawabshah [S] -0.1986 45 Sukkar [Sj -0.4690 45 Layyah [P] -0.2253 46 Bahawalnagar [P] -0.7517 46 Jhang [P] -0.6348 47 Bhakkar [P] -0.7959 47 D.G. Khan [P] -0.6348 48 Okara [P] -0.7959	36	D.I. Khan	[N]	0.6428	37 Naushero V	ISI	1.3569
38 Vehari [P] 0.3224 39 Sheikhupura [P] 1.2868 39 Rahim Yar Khan [P] 0.2881 40 Lakki [N1 0.6170 40 Khushab [P] 0.2881 40 Lakki [N1 0.6170 40 Khushab [P] 0.2413 41 Mirpurkhas [S] 0.4713 41 Kasur [P] 0.2153 42 Swat [N] 0.4668 42 Kohat [N] 0.1457 43 Khairpur [S] 0.2289 43 Khairpur rs] -0.1975 44 Khanewal [P] -0.1656 44 Nawabshah [S] -0.1986 45 Sukkar [Sj -0.4690 45 Layyah [P] -0.2253 46 Bahawalnagar [P] -0.7517 46 Jhang [P] -0.6348 47 Bhakkar [P] -0.7959 47 D.G. Khan [P] -0.6905 48 Okara [P] -0.9660 <	37	Swabi	[N]	0.5445	38 Malakand	[0] [N]	1.3358
39 Rahim Yar Khan [P] 0.2881 40 Lakki [N1 0.6170 40 Khushab [P] 0.2413 41 Mirpurkhas [S] 0.4713 41 Kasur [P] 0.2153 42 Swat [N] 0.4668 42 Kohat [N] 0.1457 43 Khairpur [S] 0.2289 43 Khairpur rs] -0.1975 44 Khanewal [P] -0.1656 44 Nawabshah [S] -0.1986 45 Sukkar [Sj] -0.4690 45 Layyah [P] -0.6348 47 Bhakkar [P] -0.7959 47 D.G. Khan [P] -0.6905 48 Okara [P] -0.7959	38	Vehari	[···] [P]	0.3224	39 Sheikhunura	[P]	1 2868
40 Khushab [P] 0.2413 41 Mirpurkhas [S] 0.4713 41 Kasur [P] 0.2153 42 Swat [N] 0.4668 42 Kohat [N] 0.1457 43 Khairpur [S] 0.2289 43 Khairpur rs] -0.1975 44 Khanewal [P] -0.1656 44 Nawabshah [S] -0.1986 45 Sukkar [Sj] -0.4690 45 Layyah [P] -0.6348 47 Bhakkar [P] -0.7959 47 D.G. Khan [P] -0.6905 48 Okara [P] -0.7959	30	Rahim Var Khan		0.2881	40 Lakki	['] [N]1	0.6170
41 Kasur [P] 0.2153 42 Swat [N] 0.4668 42 Kohat [N] 0.1457 43 Khairpur [SI 0.2289 43 Khairpur rs] -0.1975 44 Khanewal [P] -0.1656 44 Nawabshah [S] -0.1986 45 Sukkar [Sj -0.4690 45 Layyah [P] -0.6348 47 Bhakkar [P] -0.7959 47 D.G. Khan [P] -0.6905 48 Okara [P] -0.7959	40	Khushah		0.2001	41 Mirnurkhas	[5]	0.0170
41 Itasui [F] 0.2103 42 Gwat [N] 0.400 42 Kohat [N] 0.1457 43 Khairpur [SI 0.2289 43 Khairpur rs] -0.1975 44 Khanewal [P] -0.1656 44 Nawabshah [S] -0.1986 45 Sukkar [Sj -0.4690 45 Layyah [P] -0.2253 46 Bahawalnagar [P] -0.7517 46 Jhang [P] -0.6348 47 Bhakkar [P] -0.7959 47 D.G. Khan [P] -0.6905 48 Okara [P] -0.9605	40 //1	Kasur		0.2410	12 Swat		0.4668
43 Khairpur rs] -0.1975 44 Khanewal [P] -0.1656 44 Nawabshah [S] -0.1986 45 Sukkar [Sj -0.4690 45 Layyah [P] -0.6348 47 Bhakkar [P] -0.7557 46 Jhang [P] -0.6348 47 Bhakkar [P] -0.7959 47 D.G. Khan [P] -0.9605 48 Okara [P] -0.9690	-+ I ⊿?	Kohat	(') [N]	0.2100	43 Khairnur	["] [SI	0.7000
44 Nawabshah [S] -0.1975 44 Niallewal [F] -0.1000 44 Nawabshah [S] -0.1986 45 Sukkar [Sj -0.4690 45 Layyah [P] -0.2253 46 Bahawalnagar [P] -0.7517 46 Jhang [P] -0.6348 47 Bhakkar [P] -0.7959 47 D.G. Khan [P] -0.9605 48 Okara [P] -0.4690	72 12	Khairpur	[N] re]	0.1075		נסו	0.2203
44 Hawabalian [5] -0.1960 [45 Surkai [5] -0.4990 45 Layyah [P] -0.2253 46 Bahawalnagar [P] -0.7517 46 Jhang [P] -0.6348 47 Bhakkar [P] -0.7959 47 D.G. Khan [P] -0.9605 48 Okara [P] -0.4690	40 11	Nawabebab	10] [6]	-0.19/0	45 Sukker	[[] [Si	
46 Jhang [P] -0.6348 47 Bhakkar [P] -0.7959 47 D.G. Khan [P] -0.9605 48 Okara [P] -0.460	44 15		[0] [D]	-0.1900	46 Bahawalnagar	[J] [D]	-0.4090
40 Jildily [F] -0.0346 [47 Blakkar [F] -0.7959 47 D.G.Khan [P] -0.9605 [48 Okara [P] -0.0460	40	Layyan Ibona	נר] נחו	-0.2200	47 Danawanayan	נר <u>ז</u>	-0.7017
	40 ∕17	D G Khan	נרן נסו	-0.0340 -0.0605	18 Okara	[[] [D]	-0.7909

DISTRICT WISE RANKING OF SOCIAL DEVELOPMENT IN PAKISTAN

	"TABYJE 3								
DIST	RICT	WISE RANKI	NG OF SOCIAL	DEVELOPMENT IN PAK	USTAN				
	1			. _					
	Districts	Province W	'FS	Districts	Province	Z-SCORE			
48	Buner	[NI	-1.3008	49 .lliang	[P]	-1.1024			
49	Bhawalpur	[PI	-1.4317	50 Buner	IN-)	-1.2584			
50	Pakpattan	[P]	-1.4499	51 Swabi	[N]	-1.6588			
51	Chitral	[N]	-1.5092	52 Hafizabad	[PI	-1.8140			
52	Mardan	N1	-1.5608	53 Shikarpur	fS]	-1.8390			
53	Lodhran	1P1	-1.7701	54 Kasur	rp	-2.0419			
54	Dadu	[S]	-2.1306	55 Mardan	[N]	-2.1385			
				56 Ziarat	[BJ	-2.2424			
BOT	TOM QUARTIL	E		T					
55	Shikarpur	[S]	-2.2492	57 Layyah	[P]	-2.3279			
56	Muzaffarghar	1 PI	-2.5598	58 Veliari	rpt	-2.3336			
57	Bannii	[Nj	-2.9875	59 D.G. Khan	fp	-2.6532			
58	Larkana	[S1	-3.0215	60 Dadn	[S]	-3.0322			
59	Sanghar	1^1	-3.1303	61 Thalia	S	-3.0647			
60	Bhakkar	1P1	-3.1602	62 Sanghar	I^J	-3.7943			
61	Manshera	[NI	-3.1704	63 Manshera	[S1	-3.8104			
62	Swat	[N]	-3.1779	64 Kohlu	[B]	-4.1405			
63	Barkhan	[B]	-3.6361	65 Dir	[NI	-4.7799			
64	Thatta	[S]	-3.7789	66 Lodhran	[P]	-4.8434			
65	Tharparkar	[S1	-3.9269	67 Chagai	[B]	-4.9470			
66	Musa Khail	[B1	-3.9667	68 Muzaffarghar	[PI	-4.9657			
67	Dir	[N]	-4.1152	69 Barkhan	[B]	-5.2614			
68	Sibi	[B]	-4.3073	70 Badin	[S]	-5.3758			
69	Ziarat	IB1	-4.3808	71 Pishin	IB1	-5.4476			
70	Lakki	[N]	-4.4524	72 .lhalmagsi	[B]	-5.6175			
71	Loralai	IB]	-4.6029	73 Raianpur	fPl	-5.9379			
72	Raianpur	IPI	-4.7602	74 Pakpattan	[P]	-6.1570			
73	Mastung	ſBi	-4.7734	75 Gawader	IB1	-6.1616			
74	Badin	[S]	-4.8466	76 Jacobabad	ເຮາ	-6.1918			
75	Pishin	[B]	-5 0904	77 Lashela	[B]	-6 7740			
76	Chagai	[=] [B1	-5.1677	78 Loralai	rai	-7.7837			
77	Panigur	[= ·	-6.0387	79 Mastung	IB.I	-7 9594			
78	Koblu	[²] 1B1	-6.0408	80 Tharparkar	fei	-8 9178			
79	Gawader	ſBi	-6.3226	81 JafTarahad	ISI IBI	-0.3170			
180	Lashela	[D] [B]	6 5305	82 Musa Khail	[D] fBI	0 2005			
81	lacobabad	[D] [S]	-0.5595	83 Bolan	IBI IBI	-9.2995			
82	KillaSaifullal	io (B)	6 7825	84 Dera Bugti	[D] [B1	0.4643			
02	Infforchad	ia [D] fD1	-0.7625	95 Kharan	נס ו נס ו	-9.4043			
03	Janarabau	וסו	-0.0093			-9.0340			
84 05	Awaran	[B]	-7.1243		[B]	-10.1718			
85	Kalat	[B]	-7.1316	87 KillaSalfullana	[B]	-10.2935			
86	Turbat	[B]	-7.2116	88 Awaran	[B]	-10.5132			
87	Knaran	[B]	-7.2608	89 Kalat	[B]	-10.8131			
88	Kohistan	[N]	-7.3670	90 Panjgur	[B1	-10.8265			
89	Khuzdar	[B]	-7.4268	91 Zhob	[B]	-11.0581			
90	Bolan	[B]	-7.5248	92 Turbat	[B]	-11.0819			
91	Nasirabad	[B]	-7.7698	93 Nasirabad	[B]	-11.1989			
92	Zhob	fBI	-7.8430	94 Kohislan	[NI	-12.6158			
93	.lhalmagsi	[B]	-8.7686						
94	Dera Bugti	[B]	-9:4706						

[P]=Punjab , [S]=Sindh , [N]=NWFP , [B]=Balochistan

Table 3 also classifies the 94 districts according to the level of development. Relatively developed districts are those in which the top quartile of population lives. Districts at the intermediate level are those in which the second and the third quartile lives while the relatively under developed districts account for the bottom 25 percent of the population.

According to Z-score ranking, the top quartile consists of 10 districts. All the provincial capitals are in this category. Besides. Faisalabad, Rawalpindi, Gujrat, Sailkot and Jhelum are districts with high rate of urbanisation and buoyant industrial activity, except of one district each in Sindh, NWFP and Balochistan all the other districts in this quartile are from Punjab.

'the second quartile of population, according to the WFS, resides in 20 districts. Here again we observe the dominance of Punjab, with eleven out ol these districts belonging to this province. like Gujranwala. Toba Tek Singh, Sahiwal and Mnitan. Out of the remaining districts, seven are from NWFP, including Haripur, Abbotabad, Nowshera, Kohat, Charsadda, D.I. Khan and Tank. The relatively high enrollment rates at primary level alongwith access to water supply facilities are the prime reason for the relatively high ranking of districts in the province.

Nine each out of 25 districts in the third quartile are from NWFP and Punjab respectively while six are from Sindh. The last quartile which consists of 38 districts is dominated by Balochistan, with 22 districts belonging to this province, followed by Punjab with seven districts and Sindh with six districts.

The population shares of each province in each quartile are presented in Table 4. The share of Punjab in the top three quartiles is larger than its share in national population (excluding FATA etc.) implying that Punjab, by and large, has a high to intermediate level of social development. Sindh has a high share in the first and the fourth quartile, indicating the dualistic pattern of development in the province with Karachi representing one polar extreme. NWFP has an intermediate level of development while Balochistan is the most backward province in terms of social development in the country. It is, however, important to note that even the relatively developed provinces have pockets of low development like the districts in the south of Punjab. Alternatively, even a relatively backward province has some areas with high level of social development. The best example of this is Quetta district in Balochistan.

TABLE 4										
PERCENTAGE SHARE OF PROVINCES IN POPULATION QUARTILE BY LEVEL OF DEVELOPMENT (%)										
Quartile	Punjab	Sindh	NWFP	Balochistan	Total					
Top Quartile	61.1	31.5	5.6	1.8	100.0					
Second Quartile	55.8	23.6	20.4	0.2	100.0					
Third Quartile	55.8	23.6	20.4	0.2	100.0					
Bottom Quartile	33.4	31.5	8.7	26.3	100.0					
Overall Population Share	55.2	24.1	13.9	6.8	100.0					

Table 5 gives the zero-order correlation matrix between different indicators. High correlation is observed between doctors and nurses, primary and secondary enrollments, literacy rates and enrollment rates. In particular, girls primary and secondary enrollment rates are strongly related to the male and female literacy rates. There also appears to be a degree of correlation between different sectors. Linkage exists between water supply and health services and education and health services, specifically health personnel. This correlation is a reflection of the spillover and externalities generated by different social services and highlights the presence of synergies between sectors. On the whole, in the profile of development, the key sector appears to be education, in particular, female primary and secondary enrollment rates.

5. DETERMINANTS OF SOCIAL DEVELOPMENT OF DISTRICTS 'the key

question that arises is what determines regional variations in the level of social development in Pakistan. From the above discussion it appears that provincial headquarters rank high in terms of development. Also, to the extent the provision of services is characterised by economies of scale and is more efficient and cost effective in larger cities, there may exist a high degree of correlation between urbanisation and regional social development. Moreover, regions with buoyant industrial bases and high level of economic development may have a high demand and a higher ability to pay for social services. Therefore, as recognised generally in international literature, there may exist a close link between urbanisation, industrialisation, economic development and social development in Pakistan also.

					TARL	55					
						2					
				CORRELATIC	ON BETWEEN	SOCIAL IND.	ICATORS				
	Doctors/	Nurse/	Number of Patients	Pri Enrol Rate	Pri Enrol Rate	SecEnrol Rate	SecEnrol Rate	Literarcy Ratio	Literarcy Ratio	% of Households with Inside	HOSPITALS + RHC BEDS
Indicators	Population [10000pop]	Population [10000pop]	Treated/Population	Boys 1991-92	Girls 1991-92	Boys 1991-92	UITIS 1991-92	1981	1981	Piped Water	
\1000 Pop	1.00000										
1000 Pop.	0.88090	1.00000									
S Treated/Pop	0.40591	0.40132	1.00000								
v EnrBoys	0.27303	0.16642	0.38080	1.00000							
v EnrGirls	0.47133	0.51504	0.24912	0.59583	1.00000						
rol-Bovs	0.49811	0.48307	0.38916	0.64211	0.77362	1.00000					
rolGirls	0.61623	0.61686	0.28043	0.48885	0.86746	0.73185	1.00000				
v Rate-Male	0.61825	0.54877	0.28096	0.52766	0.79438	0.75025	0.85712	1.00000			
v Rate-Female	0.58983	0.56980	0.34780	0.35702	0.64480	0.66845	0.81675	0.72088	1.00000		
with Inside-Wate	0.41134	0.44265	0.59216	0.31705	0.38558	0.37318	0.46214	0.41752	0.51800	1.00000	
al + RHC	0.47711	0.42465	0.59562	0.45330	0.37197	0.33016	0.33867	0.34572	0.30970	0.62680	1.00000

Besides, there appear to be substantial interprovincial differences in the level of social development in Pakistan. The previous section indicates that Punjab is further ahead of the other provinces in terms of social development. In addition, the presence of special features, like the existence of sea port. may also have an impact on the spatial ranking of district in terms of social development.

To analyse the determinants of social development in Pakistan we have developed the following regression model:

SOCIAL_i =
$$f(PU_i, PCVA_i, ROAD_i, PHQ, DUM, PORT)$$
 (4)

Where:

SOCIAL	=	Weighted Factor Score of the `ith' district
PU_i		Percentage of urban population in the `ith' district
PCVA _i		Per capita industrial value added of the `ith' district
ROAD _i		Road network in the `ith' district
PHQ	=	Dummy for provincial headquarters
DUM	=	Provincial dummies
PORT	_	Dummy for Karachi port

Results:

The above model has been estimated for the 94 districts in Pakistan. The results are as follows:

 $SOCIAL_{i} = -0.3157 + 1.3433 PU_{i} + 4.26 x 10 - 5 PCVA_{i} + 2.6461 ROAD_{i} + 1.0842 PHQ$ (-2.055) (3.686) (1.162) (4.414) (2.515)-1.0084 BDUM - 0.8082 SDUM - 0.4378 NDUM + 2.2333 POR(-6.743) (-5.201) (-3.030) (3.697) (5)

Figures in brackets are t-statistics $\overline{R}^2 = 0.753$ No of Observations = 94

Where:

BDUM	=	Dummy for Balochistan
SDUM	=	Dummy for Sindh province
NDUM		Dummy for NWFP province

Equation (5) indicates a high positive correlation between the level of social development of a strict and the extent of its urbanisation and economic development. The latter is proxied by road network. Pasha and Hasan (1982). and Pa The results, however, do not demonstrate a high positive correlation between industrialisation and social development. This is not surprising because according to Pasha et al (1990), the process of industrialisation does not possess a high degree of correlation with the overall process of economic development also. This is in conflict with the perception that large-scale manufacturing generally acts as the leading sector stimulating economic growth. The small share of this sector in the national economy, limited employment creation and its dependance on imported material have reduced its linkages with the rest of the economy. Consequently, districts with higher manufacturing value added are not necessarily the most economically and/or socially developed.

As expected, provincial capitals have a highly developed network of social infrastructure as docs the port city of Karachi. The negative provincial dummies substantiate our earlier conclusion that Punjab is the most highly developed province in social indicators followed by NWFP, Sindh and Balochistan. As such, there are clear inter-provincial differences in regional development in Pakistan. This may reflect historical differences in the level of public allocations per capita to the social sectors.

6. CONCLUSIONS

1 he paper has used eleven indicators relating to the education, health and water supply sectors to rank districts of Pakistan in terms of the level of social development. It also seeks to explain regional variation in the development of social infrastructure across districts. The paper demonstrates the importance of education indicators in determining the overall level of social development, especially in terms of female literacy and enrollment rates. Also, the ranking demonstrate a close correlation between levels of social and economic development spatially with Pakistan. Other important determinants of regional variations in the level of social development include the extent of urbanisation, the administrative development of the districts (location of provincial headquarters), and the geographical/economic significance (indicated by the presence of the sea port). Overall, Punjab appears to have the highest level of social development followed by NWFP, Sindh and Balochistan. However, the results indicate substantial variation among districts within a province in the level of social development. Least developed districts within each province are identified as targets for special development allocations within SAP.

BIBLIOGRAPHY

- Adelman, I., and G. Dalton, 1971, A factor analysis of modernisation in village India. *Economic .four-mil*, 81 (323).
- Hicks, L.N., and P.Sli'ecten, 1979, Indicators of development: The search for a basic needs yardstick. *World Development*, 7(6).
- Jamal, Haroon, and Salman Malik, 1988, Shifting patterns in development rank ordering: A case study of the districts of Sindh Province, *Pakistan Development Review*, 27(2).
- *Kcmni, A.R.*) *W4-*. li-K-cntive structure for manufacturing industry in Pakistan, Paper presented at the annual general meeting of the Pakistan Society for Development Economists, Islamabad, Pakistan.
- Khan, M.H., and M. Iqbal, 1982, Socio-economic indicators in rural Pakistan: Some evidence, *Pakistan Development Review*, 21(3).
- Lee, M.L., and B.Liu, 1988, Measuring socio-economic effects when using income as a quality of life indicator, *American Journal of Economic.1; and Sociology*, 47(2).
- McGranahan, **D.**, 1972, Development indicators and development models. *The Journal* of Development Studies, 8 (April).
- Pasha, Hafiz A., and Tariq Hasan, 1982, Development ranking of the districts of Pakistan, *Pakistan Journal of Applied Economics*, 1(2).
- Pasha, Hafiz A., Salman Malik, and Haroon -lamal, 1990, The changing profile of regional development in Pakistan, *Pakistan Journal of Applied Economics*, 9(1).
- Ram, R., 1980, Physical quality of life index and inter-country inequality. *Economies Letters*, 5(2).
 - Tobbarah, R.B., 1972, The adequacy of income: A social dimension in economic development. *The Journal of Development Studies*, 8 (April).

				ТАВ	LE A-1			
		NATI	ON-WISE RAN	KING OF DI	STRICTS IN SOCIA	L INDICAT	ORS	
SNo.	Doctors/ Population 10000pop		Nurse/ Population [lOOOOpop!		Number of Patients Treated/Population		Total Hospital Beds\Population 1000pop	
1	Lahore	15.702	Lahore	13.642	Ouetta	.761	Quetta	3.93
2	Rawalpindi	7.075	Rawalpindi	4.000	Charsadda	.520	Sibi	2.33
3	Bhawalpur	5.478	Sailkot	3.559	Peshawar	.520	Peshawar	1.85
4	Multan	5.177	Quetta	3.529	Nawshera	.520	Lahore	1.80
5	Faisalabad	5.151	Multan	3.144	Lahore	.474	Haripur	1.23
6	Nawabshah	5.036	Gujranwala	2.900	Rahim Yar Khan	1.388	Abboltabad	1.23
7	Quetta	4.855	Bhawalpur	2.898	Kahat	1.376	Bannu	1.10
8	Hyderabad	4.488	Shaiwal	2.628	Rawalpindi	1.059	Lakki	1.10
9	Shaiwal	4.327	Faisalabad	2.415	Chitral	0.978	.lhalmagsi	1.10
10	Jhelum	4.118	Ihelurn	2.328	Buner	0.968	Nawahshah	1.03
11	Sailkot	4.096	Attock	2.005	Swat	0.968	Rawalpindi	0.95
1)	Mainwalai	3.840	Sheikhuplira	.884	Lakki	0.85 1	Tank	0.94
13	Thatta	3.734	Jhang	.804	Bannu	0.85 1	D.I. Khan	0.94
14	Khushab	3.613	Mainwalai	.800	Bhawalpur	0.749	Ziarat	0.93
15	Attock	3.547	Gujrat	.786	Tank	0.714	Kohlu	0.88
16	Larkana	3.405	Nawshera	.754	D.I. Khan	0.714	Bhakkar	0.83
17	Gujranwala	3.338	Peshawar	.754	Faisalabad	0.700	Larkana	0.78
18	Peshawar	3.191	Khushab	1.694	Sibi	0.693	Hyderabad	0.73
19	Gujrat	3.159	Rahim Yar	1.618	Gawader	0.621	Bhawalpur	0.73
20	Sargodha	3.117	Sargodha	.461	Karak	0.615	Malakand	0.7
21	Shikarpur	3.079	T.T. Singh	.297	Jhelum	0.614	Kahat	0.6
22	Rahim Yar	3.058	Bhakkar	.241	Ziarat	0.607	Multan	0.65
23	Mirpurkhas	3.019	Rajanpur	.213	Hyderabad	0.563	Manshera	0.63
24	Badin	2.825	Chakwal	.079	Chagai	0.555	Swat	0.62
25	T.T. Singh	2.767	D.G. Khan	.053	Sailkot	0.520	Shaiwal	0.6
26	Chitral	2.739	Kasur	0.979	Larkana	0.511	.Ihelum	0.60
27	Bhakkar	2.647	Layyah	0.966	Swabi	0.506	Mandi Baha Uddin	0.60
28	Karachi	2.449	Narowal	0.957	Mardan	0.506	Gujrat	0,60
29	Sukkar	2.322	Larkana	0.930	Mirpurkhas	0.468	Chitral	0.60
30	Malakand	2.189	Bahawalnagar	0.871	Manshera	0.449	Faisalabad	0.54
31	Sheikhupura	2.168	Muzaffarghar	0.806	Gujranwala	0.434	Sailkot	0.53
32	Jhang	2.077	Haripur	0.799	Mainwalai	0.421	Mainwalai	0.52
33	Khairpur	2.064	Abbottabad	0.799	Lasbela	0.419	Attock	0.50
34	Bannu	2.059	Vehari	0.709	Thatta	0.418	Charsadda	0.49
35	Lakki	2.059	Okara	0.695	Dir	0.413	Gujranwala	0.48
36	Dadu	2.040	Khanewal	0.690	Karachi	0.401	Hafizabad	0.48
37	Rajanpur	1.997	Hyderabad	0.682	Sukkar	0.386	Rahim Yar Khan	0.4
38	Haripur	1.923	Lakki	0.628	Shaiwal	0.366	Mardan	0.4
39	Abbottabad	1.923	Bannu	0.628	Abbottabad	0.359	Khushab	0.43
40	Ziarat	1.912	Nawabshah	0.537	Haripur	0.359	Sargodha	0.40
41	Sibi	1.912	Lodhran	0.526	Naushero Feroze	0.346	Dadu	0.38
42	Chakwal	1.909	Tank	0.519	Jhalmagsi	0.342	Chagai	0.38
43	Sanghar	1.883	D.I. Khan	0.519	Pishin	0.340	Thatta	0.3
44	Naushero	1.810	Karachi	0.500	Kohlu	0.327	Karak	0.3
45	D.G. Khan	1.734	Hafizabad	0.472	Multan	0.306	Rajanpur	0.36
46	Tank	1.731	Pakpattan	0.454	Sargodha	0.302	T.T. Singh	0.3
47	D.I. Khan	1.731	Malakand	0.331	Attock	0.300	Nawshera	0.34
48	Gawader	1 713	Mandi Baha	0 291	Bahawalnagar	0.296	Chakwal	0 33

		TABLE A-1						
r		CATION-WISE	RANKING	OF DISTRI	CTS IN SOCIAL		INDICATORS	
SNo.	Doctors/ Population 10000pop		Nurse/ Population 10000pop		Number of Patients Treated/Population		Total Hospital Beds\Population 1000popl	
49 50	Bahawalnagar Lourob	1.645	Kahat	0.279	Badin	0.287	Jhang Varachi	0.335
51	Cliagoi	1.591	Silli	0.225	NawaUShah	0.265	Mirpurkhaa	0.329
51	Unagai	1.330	Knairpur	0.180	Cuinat	0.275	Sh ailahamma	0.308
52	Jacobabad	1.330	Sukkar	0.180	Shilvernur	0.270	Sheikhupura	0.287
55	Wabat	1.327	Chargedda	0.170	Snikarpur	0.269		0.265
54	Vahari	.172	Dir	0.134	Kharan	0.262	D.G. Khan Narowal	0.268
55	Venali	.108	Shikomur	0.097	Nilai ali	0.200	Inarowal	0.204
30	Karak	.165	Shikarpur	0.096	D.G. Khan	0.239	Layyan	0.203
57	Lasbela	.157	Manshera	0.089	Dadu	0.254	Dir	0.252
58	Okara	.145	Sangnar	0.083	Knairpur	0.254	Sangnar	0.252
59	Knanewai	.137	Bad in	0.075	Sangnar T.T. Sinch	0.243	Pisnin	0.252
60	Kasur	.127	I hillta Dadu	0.045	1.1. Singh	0.237	Sukkar	0.242
62	Ihalmagsi	0.944	Dadu Pishin	0.045	Laffarabad	0.235	Muzaffarahar	0.238
63	Pichin	0.937	I isinii Loralai	0.039	Jacobabad	0.178	Khairpur	0.231
64	Kohlu	0.937	Swabi	0.035	Vehari	0.170	Rahawalnagar	0.228
65	Lodhran	0.902	Jacobabad	0.035	Dera Bugti	0.170	Kasur	0.223
66	Charsadda	0.778	Panjour	0.025	Bhakkar	0.166	Zhoh	0.214
67	Paknattan	0.747	Turbat	0.021	Barkhan	0.163	Khuzdar	0.202
68	Polon	0.747	Theb	0.020	Musa Khail	0.163	Okara	0.181
69	Kharan	0.723	Kalat	0.020	Loralai	0.163	Badin	0.175
70	Loralai	0.699	Naushero	0.015	Muzaffarohar	0.163	Gawader	0.171
71	Manshera	0.659	Tharparkar	0.013	Sheikhupura	0.162	Killa Saifullaha	0.165
72	Awaran	0.646	Swat	0.007	Khanewal	0.139	Vehari	0.161
73	Khuzdar	0.646	Jhalmagsi	0.000	Rajanpur	0.138	Swabi	0.160
74	Swat	0.641	Awaran	0.000	Kasur	0.138	Khanewal	0.156
75	Kalat	0.565	Jaffarabad	0.000	Killa Saifullaha	0.135	Kharan	0.154
76	Jaffarabad	0.541	Bolan	0.000	Layyah	0.131	Panjgur	0.153
77	Mardan	0.496	Gawader	0.000	Turbat	0.130	Kalat	0.153
78	Dir	0.460	Kharan	0.000	Tharparkar	0.129	Naushero Feroze	0.152
79	Dera Bugti	0.459	Lasbela	0.000	Jhang	0.128	Lodhran	0.143
80	Tharparkar	0.454	Mastung	0.000	Okara	0.125	Barkhan	0.136
81	Swabi	0.453	Khuzdar	0.000	Zhob	0.115	Jacobabad	0.134
82	llafizabad	0.404	Chitral	0.000	Mandi Baha Dddin	0.115	Jaffarabad	0.120
83	Mandi Baha Uddin	0.382	Buner	0.000	Narowal	0.114	Bolan	0.115
84	Killa Saifullaha	0.373	Chagai	0.000	Nasirabad	0.108	Pakpattan	0.113
85	Turbat	0.358	Karak	0.000	Panjgur	0.105	Mastung	0.111
86	Zhob	0.317	Kohistan	0.000	Mastung	0.096	Turbat	0.103
87	Nasirabad	0.297	Mardan	0.000	Kalat	0.096	Dera Bugti	0.102
88	Panjgur	0.289	Killa Saifullaha	0.000	Pakpattan	0.086	Musa Khail	0.092
89	Kohistan	0.052	Kohlu	0.000	Hafizabad	0.084	Awaran	0.087
90	Musa Khail	0.000	Dera Bugti	0.000	Khuzdar	0.084	Lasbela	0.072
91	Barkhan	0.000	Nasirabad	0.000	Awaran	0.084	Nasirabad	0.069
92	Buner	0.000	Musa Khail	0.000	Lodhran	0.058	Inarparkar	0.053
93	Nawshera	0.000	Barkhan	0.000	Kohistan	0.036	Kohistan	0.012
94	Mastung	0.000	Ziarat	0.000	Malakanc!	0.000	Buner	0.000
	Mean Variance	2.03 4.25		0.87 2.69		0.43 0.15		0.50: 0.30:

TABLE A-1 Γ

NATION-WISE RANKING OF DISTRICTS IN SOCIAL INDICATORS

	NATION-WISE RANKING OF DISTRICTS IN SOCIAL INDICATORS											
SNo.	Primary Enrollmer Boys	nt Rate-	Primary Enrollment	Rate-Girls	Sec. Enrollment Rate-	Boys	Sec. Enrollment Rate-0	Girls				
1	Larkana	.371	.Ihelum	1.040	Rawalpindi	0.938	Karachi	0.392				
2	Quetta	.288	Chakwal	0.948	.Ihelum	0.829	Faisalabad	0.390				
3	Sibi	.275	(injrat	0.943	Naushero l-'elw.e	0.751	Lahore	0.347				
4	T.T. Singh	.193	Quetta	0.939	Chakwal	0.744	Rawalpindi	0.320				
5	Faisalabad	.188	Rawalpindi	0.921	Khairpur	0.737	Quetta	0.311				
6	Jhelum	.177	Shaiwal	0.918	Lahore	0.645	Chakwal	0.306				
7	Karak	.136	Narowal	0.875	Gujral	0.596	Jhelum	0.293				
8	Haripur	.110	T.T. Singh	0.860	Attock	0.581	Gujranwala	0.276				
9	Abbottabad	.080	Sailkot	0.776	Sailkot	0.522	T.T. Singh	0.276				
10	Swat	.076	Attock	0.751	Gujranwala	0.493	Gujrat	0.256				
11	GU rat	.066	Mandi Baha Uddin	0.724	Karachi	0.485	Mandi Baha Uddin	0.248				
12	Chakw.il	.027	Fais.iliih.id	0.680	Oiictl.i	0.483	S.iilkol	0.248				
13	Rawalpindi	.021	Sargodha	0.642	Narowill	0.475	Narowal	0.196				
14	Narowal	1.019	Lahore	0.626	Haripur	0.474	Shaiwal	0.193				
15	Kahat	0.994	Gujranwala	0.618	Karak	0.471	Multan	0.179				
16	Jacobabad	0.990	Karachi	0.606	Mainwalai	0.468	Sheikhupura	0.177				
17	Barkhan	0.973	Haripur	0.559	Mandi Baha LIddin	0.434	Khanewal	0.176				
18	Mandi Baha	0.959	Hafizabad	0.529	Multan	0.431	Attock	0.172				
19	Buner	0.953	Khushab	0.504	T.T. Singh	0.426	Rahim Yar Khan	0.172				
20	Chitral	0.953	Mainwalai	0.503	Rahim Yar Khan	0.422	Sargodha	0.172				
21	Khairpur	0.940	Abbottabad	0.501	Faisalabad	0.421	Okara	0.148				
22	Naushero Feroze	0.938	Karak	0.461	Abbottabad	0.421	Mirpurkhas	0.143				
23	Shikarpur	0.937	Malakand	0.446	Chitral	0.419	Bahawalnagar	0.140				
24	Shaiwal	0.927	Sheikhupura	0.440	Buner	0.410	Haripur	0.138				
25	Attock	0.917	Multan	0.424	Kasur	0.403	Hyderabad	0.137				
26	Malakand	0.917	Thang	0.412	Sibi	0.396	Lavvah	0.131				
20	Sargodha	0.911	Vehari	0.409	Tank	0.393	D I Khan	0.128				
28	Khushah	0.908	Bhakkar	0.394	Swabi	0.387	Shikarnur	0.120				
20	Charsadda	0.905	Okara	0.394	Khushah	0.387	Vehari	0.122				
30	Mirnurkhas	0.905	Nawshera	0.379	Swat	0.375	Malakand	0.121				
21	Ilialmaggi	0.850	Khanewal	0.377	D I Khan	0.375	Dechawar	0.121				
22	Nowshera	0.836	Swabi	0.376	Nowshera	0.365	Kasur	0.116				
32	Sanghar	0.830	Bahawalnagar	0.370	Mardan	0.365	Mainwalai	0.115				
34	Dera Rugti	0.832	Kahal	0.375	Malakand	0.364	Lodhran	0.113				
35	Bannu	0.832	Lavyah	0.363	Charsadda	0.360	Bhawalpur	0.111				
36	Sukkar	0.830	D I Khan	0.351	Sheikhunura	0.348	Tank	0.106				
37	D I Khan	0.830	Mardan	0.350	Sargodha	0.335	Khushah	0.100				
38	Peshawar	0.822	Sibi	0.348	Lavyah	0.331	Larkana	0.100				
30	Kohlu	0.820	Kasur	0 337	Khanewal	0.320	Thang	0.098				
40	Soilleot	0.820	Topk	0.337	Kilaliewal	0.320	Hafizahad	0.098				
41	Swabi	0.814	D G Khan	0.329	Shaiwal	0.315	Nawshera	0.097				
42	Lakki	0.800	Bhawalnur	0.324	Lakki	0.300	Abbottabad	0.088				
12	Phalekor	0.000	Dashawar	0.324	Dechowor	0.300	Karak	0.083				
45	Guiranwala	0.784	Chitral	0.317	l csilawal Bahawalnagar	0.292	Chitral	0.083				
45	Dishin	0.764	Rahim Var Khan	0.311	Bhawalnur	0.200	Swabi	0.080				
46	Mainwalai	0.760	Swot	0.206	Phakkar	0.280	Sukkor	0.070				
40	Khanewal	0.700	Gwai Hyderabad	0.290	Thang	0.262	Muzaffarabar	0.079				
19	Shaikhumura	0.731	Manshara	0.209	Ziarat	0.207	Mardan	0.078				
40	Sheikhupura	0.743	widlishera	0.277	Zidial	0.234	ividiuali	0.070				

TABL	LE A-1								
		NA	ATION-WISE RANKIN	NG (OF DISTRICTS IN SOCIAL	INDICAT	INDICATORS		
SNo.	Primary Enrollm Rate-Boys	nent	Primary Enrollment Rate-Girls		Sec. Enrollment Rate-Boys		Sec. Enrollment Rate-Girls		
49	Dir	0.729	Bannu	0.269	Bannu	0.253	Kahat	0.076	
50	Hafizabad	0.724	Buner	0.268	Vehari	0.243	Naushero Feroze	0.076	
51	Tank	0.723	Charsadda	0.263	D.G. Khan	0.238	Nawabshah	0.072	
52	Jhang	0.711	Lodhran	0.262	Nawabshah	0.236	D.G. Khan	0.069	
53	Okara	0.709	Mirpurkhas	0.248	Dir	0.231	Charsadda	0.066	
59	Vehari	0.689	Gawader	0.187	Larkana	0.208	Pakpattan	0.057	
60	Mullan	O.CiCi.l	l^il	0.1 <i>»1)</i>	li:i,ln	0.207	Ziarat	0.056	
61	Karachi	0.661	Thatta	0.180	Uafi/.abad	0.203	Swat	0.053	
62	Kasur	0.661	Chagai	0.179	Chagai	0.183	Bhakkar	0.047	
63	Lahore	0.655	Lasbela	0.174	Barkhan	0.178	Buner	0.043	
64	Chagai	0.645	Nawabshah	0.169	Kohlu	0.173	Bannu	0.043	
65	Lodhran	0.624	Rajanpur	0.164	Jaffarabad	0.170	Manshera	0.040	
66	Thatta	0.623	Lakki	0.164	Shikarpur	0.163	Rajanpur	0.034	
67	Badin	0.615	Dadu	0.162	Lasbela	0.158	Lasbela	0.027	
68	Mastung	0.612	Mastung	0.156	Manshera	0.157	Badin	0.026	
69	Layyah	0.582	Pakpattan	0.145	Sanghar	0.151	Chagai	0.023	
70	Gawader	0.582	Shikarpur	0.136	Lodhran	0.150	Mastung	0.022	
71	Manshera	0.573	Pish in	0.127	Rajanpur	0.143	Jacobabad	0.021	
72	Bahawalnagar	0.541	Turbat	0.115	Gawader	0.141	Dir	0.019	
73	D.G. Khan	0.533	Naushero Feroze	0.109	Pakpattan	0.135	Pishin	0.017	
74	Rhawalpur	0.506	Barkhan	0.104	Dera Bugti	0.132	Panjgur	0.015	
75	Rahim Yar	0.498	Sanghar	0.100	Pishin	0.131	Barkhan	0.012	
76	Jaffarabad	0.473	Kharan	0.099	Mastung	0.126	Lakki	0.011	
77	Hyderabad	0.468	Killa Saifullaha	0.096	lhatta	0.124	Jaffarabad	0.01	
78	Bolan	0.465	Badin	0.093	Jacobabad	0.115	Loralaı	0.010	
79	Muzaffarghar	0.443	Kohlu	0.092	Kharan	0.113	Tharparkar	0.009	
80	Rajanpur	0.365	Panjgur	0.090	Badin	0.104	Khuzdar	0.009	
81	Loralaı	0.364	Jaffarabad	0.088	Khuzdar	0.099	Gawader	0.009	
82	Kharan	0.347	Jacobabad	0.086	Jhalmagsi	0.095	Zhob	0.009	
83	Pakpattan	0.324	Khuzdar	0.073	Tharparkar	0.095	Killa Saifullaha	0.008	
84	Khuzdar	0.316	Loralai	0.071	Awaran	0.091	Kharan	0.008	
85	Awaran	0.316	Awaran	0.058	Bolan	0.073	Kohlu	0.007	
86	Killa Saifullaha	0.302	Jhalmagsi	0.056	Loralai	0.057	Awaran	0.006	
8/	INASIFADAd	0.271	Znob Nasirahad	0.054	Nasirabad	0.056	l urbat	0.005	
88	Zhob	0.246	Nasirabad	0.048	Killa Saitullana	0.047	Jhaimagsi	0.005	
89	I narparkar	0.215	Bolan	0.039	1 urbat	0.034	Kalat	0.004	
90	Kalat	0.189	Musa Khail	0.036	Zhob	0.032	Bolan	0.004	
91	Trukat	0.184	I narparkar	0.033	Wusa Knail	0.029	Nasiradad	0.002	
92	Turbat	0.159	Dera Bugti	0.029	Nalat	0.028	Musa Khail	0.002	
93	Panjgur	0.111	Kalat	0.027	Panjgur	0.025	Dera Bugti	0.001	
94	Kohistan	0.042	Kohistan	0.007	Kohistan	0.004	Kohistan	0.000	
		0.73		0.33		0.29		0.10	
		0.08		0.07		0.04		0.01	

TABLE A-1 NATION-WISE RANKING OF DISTRICTS IN SOCIAL INDICATORS										
SNo.	. Literarcy Ratio Male-1981		Literarcy Ratio Female-1981		%ofHHWith Inside Piped Water 1987					
1	Doualaia di	60 770	Varaahi	48.840	Ouette	71 400				
1	Kawalpindi	60.770	Karachi	48.840	Quetta	/1.400				
2	Chakwal	54 630	Rawalpindi	3 1 260	Labore	63 100				
4	Lahore	54 580	Haripur	26 600	Pechawar	49.158				
5	Thelum	52 200	Chakaval	20.000	I Usiawai	49.138				
5	Quelta	46 300	Thelijm	23.000	Kohlu	33 200				
1	Quena	40.300	Quatta	24.750	Loralai	33.200				
0	Abbottabad	42.760	Queita	23.200	Dorkhon	32.704				
8 0	Faisalabad	41.640	Nawanshan Naushero Fero/ e	23.008	Kabat	31,999				
10	T T Sinch	40.850	Chargadda	23.000	Malakand	21.950				
10	1.1. Singn	40.850	Navahara	21.790	Muaa Khail	31.830				
11 1_)	Salikot Guli'anwilii	40.110	Faisilibad	21.790	Nusa Knall Rawalnindi	31.320				
12	Sukkar	37.400	Sailkot	20.000	Nawapina	30,000				
13	Attock	36.970	Guiranwala	20.500	Bannu	28 701				
15	Hyderabad	36 510	Hyderabad	10.520	Lakki	27.749				
16	Khanewal	36.280	T T Singh	18.670	Abbottabad	27.749				
17	Sargadha	35.870	Cuirot	18.670	Chitral	27.383				
18	Shikarpur	35.640	Mandi Baha Dddin	18.670	Sibi	27.323				
10	Karak	24 750	Tank	18.070	Swot	27.237				
20	Narowal	34.750	Mirnurkhas	16.405	Swai Charsadda	27.102				
20	Okara	34 540	Swabi	15 950	Tank	25.957				
22	Khairpur	34 230	Narowal	15.930	D I Khan	25.557				
23	Mainwalai	33 660	Okara	13 740	Chakwal	25.100				
24	Mandi Baha LIddin	33.400	Khanewal	13.650	Buner	25.000				
25	l.arkanii	32.630	Multan	12.880	1 laripur	24,759				
26	Multan	32,610	Sukkar	12.810	Sargodha	24,100				
27	Dadu	32,480	Sargodha	12,770	Sailkot	23 503				
28	Kahat	32.090	Sheikhupura	12.540	Guirat	22.225				
29	Peshawar	31.270	Bhawalpur	12.210	Karak	21.900				
30	Sheikhupura	30.9)0	Shaiwal	11.680	Pishin	21,600				
31	Shaiwal	30.480	Ziarat	11.500	Multan	21.443				
32	Jhang	30.040	Attock	11.070	Mirpurkhas	20.343				
33	Khushab	30.040	Abbottabad	10.900	Gujranwala	20.321				
34	Hafizabad	28.600	Peshawar	10.860	Bahawalnagar	20.100				
35	Layyah	28.580	Rahim Yar Khan	10.650	Faisalabad	19.800				
36	Sanghar	28.460	Larkana	9.930	Dir	18.900				
37	Bahawalnagar	28.330	Hafi7.abad	9.700	Attock	17.800				
38	Rahim Yar Khan	28.030	Bahawalnagar	9.600	Shaiwal	17.563				
39	Vehari	27.890	Kasur	9.470	Pakpattan	17.083				
40	Bhakkar	27.500	Jhang	9.300	D.G. Khan	16.000				
41	Bhawalpur	27.440	Khushab	9.300	Manshera	14.833				
42	D.I. Khan	27.240	Vehari	9.190	Sukkar	14.700				
43	Bannu	27.140	Chagai	9.000	Jhelum	14.400				
44	Kasur	26.850	Buner	8.730	Narowal	13.993				
45	Haripur	26.600	Shikarpur	8.730	Kohistan	13.500				
46	Thatta	26.470	Dadu	8.610	Nawabshah	13.205				
47	Malakand	26.400	Sanghar	8.460	Mastung	13.113				
48	Mardan	26.080	D.G. Khan	8.120	Mandi Baha Uddin	12.969				

NATION-WISE RANKING OF DISTRICTS IN SOCIAL INDICATORS SNo. Literarey Ratio Male-1981 Literarey Ratio Female-1981 %071 1987 40 Muzanarghai. 25.810 Mainwalai 8.030 Hufizabad 1.2.724 50 Lakki 25.850 D.I. Khan 8.010 Mainwalai 1.2.100 51 Pakpattan 24.990 I harparkar 7.800 Nashero Proce 10.430 53 Tharparkar 23.600 Khaipur 7.000 Lodhran 0.040 54 D.G. Khan 23.000 Badin 6.700 Kalat 9.411 57 Nawabshah 23.008 Badkar 6.610 Bolan 9.300 59 Nashero Feroze 23.008 Badkar 6.300 Marda 9.300 61 Marshera 20.920 Maslang 6.300 Badin 8.300 62 Tark 18.430 Kilka Sufidaha 5.900 Gawader 8.300 63 Sibi 17.600 Gaw	TABL	E A-1					
SNo. Literarcy Ratio Male-1981 Literarcy Ratio Female-1981 %edfHHWth Inside Piped Water 1987 49 Muzanarghai- 25 (2000) 25 810 Mainwalai 8.010 Mainwalai 12.100 51 Pakpattan 24.900 1 harparkar 7.800 Okai-a 11.500 52 Chirtal 24.120 Pakpattan 7.800 Nusahero Feroze 10.430 53 Tharparkar 23.600 Khairpur 7.600 Naushero Feroze 10.430 54 D.G. Khan 23.200 Thata 7.720 T.T. Singh 10.100 55 Lodbran 23.008 Blachan 6.790 Kalat 9.411 7 Nawabshah 21.800 Manshera 6.500 Sheikhapura 9.300 59 Nawshera 21.790 Kahat 6.300 Mardan 9.070 61 Manshera 20.920 Maslung 6.200 Badin 8.300 62 Tank 18.430 Kilila Satifullaha 5.900 Bharwal	NATIO	ON-WISE RANKING O	F DISTRICTS		IN SO	CIAL INDICATORS	
Male-1981 Female-1981 Inside Piped Water 1987 49 Muzanarghiai 25.810 Mainvalai 8.030 Hafizabad 12.724 50 Lakki 25.350 D.I. Khan 8.010 Mainvalai 12.00 51 Pakpatan 24.900 I harparkar 7.800 Naushero Feroze 10.430 52 Chitral 24.120 Pakpatan 7.800 Rajanpur 10.400 54 D.G. Khan 23.600 Khairpur 7.050 Ladhran 10.000 55 Ladhran 23.008 Bhakkar 6.610 Bolan 9.395 58 Badin 21.800 Mashera 6.300 Klushab 9.300 50 Nawshera 21.700 Kashaf 6.300 Mardan 9.76 61 Manshera 20.920 Mashaf 6.300 Mardan 8.200 62 Tank 18.430 Killa Sairfullaha 5.900 Badu 8.300 63 Sibi	SNo.	Literarcy Ratio		Literarcy Ratio		%ofHHWith	
49 Muzanarghai- 25.810 Mainwalai 8.030 Hafizabad 1.2.724 50 Lakki 25.30 D.I. Khan 8.010 Mainwalai 1.2.100 51 Pakpattan 2.4900 Iharparkar 7.800 Naushero Feroze 10.430 53 Tharparkar 2.3 600 Layyah 7.780 Rajampur 10.000 54 D.G. Khan 2.3 000 Badim 6.700 Ladkran 9.000 55 Lodhran 2.3 008 Badim 6.700 Kalat 9.300 57 Nawabshah 2.3 008 Bhakkar 6.300 Khushupura 9.300 58 Badin 2.1 790 MazaHarfijar 6.330 Mardan 9.076 61 Manshera 2.0 200 Masilua 5.00 Badin 8.300 62 Tank 18.430 Killa Sirifulha 5.00 Gawader 8.200 63 Sibi 17.600 Gawader 5.800 Bhavalpur <td< td=""><td></td><td>Male-1981</td><td></td><td>Female-1981</td><td></td><td>Inside Piped Water</td><td></td></td<>		Male-1981		Female-1981		Inside Piped Water	
Image: Part of the second se						1987	
49 Muranarghai- 25.10 Di Khan 8.030 Harzahad 1.2.724 50 Lakki 25.350 Di Khan 8.010 Mainwalai 12.100 51 Pakpatan 24.990 Iharparkar 7.890 Naushero feroze 10.400 52 Chiral 24.120 Pakpatan 7.800 Rainpur 10.400 53 Tharparkar 23.600 Kairpur 7.200 T.T.Singh 10.100 54 D.G. Khan 23.008 Badin 6.700 Kalat 9.411 57 Navabshah 23.008 Badin 6.520 Sheikhupura 9.300 58 Badin 21.790 MuzaHarfijar 6.330 Mardan 9.076 61 Manshera 20.920 Maslung 6.200 Badin 8.300 62 Tank 18.430 Killa Saifullaha 5.900 Dadu 8.300 63 Sibi 17.600 Gavader 5.800 Badain 8.200							
50 Lakki 25.30 D.I. Khan 8.010 Manwalai 12.000 51 Pakpattan 24.900 Harparkar 7.800 Naushero Feroze 10.430 53 Tharparkar 23.660 Layyah 7.800 Naushero Feroze 10.430 54 D.G. Khan 23.000 Khairpur 7.050 Lodhran 10.000 55 Lodhran 23.008 Badin 6.790 Kalat 9.310 57 Navashenh 23.008 Badin 6.790 Kalat 9.301 58 Badin 21.840 Manshera 6.520 Sheikhupura 9.306 59 Nawshera 21.790 Kalat 6.30 Mardan 9.076 61 Manshera 20.20 Masting 5.00 Dadu 8.300 62 Tank 18.430 Killa Saifullaha 5.900 Dadu 8.300 63 Stbi 17.600 Gavader 5.800 Ghaneval 8.200	49	Muzanarghai-	25.810	Mainwalai	8.030	Hafizabad	12.724
51 Pakpattan 24.90 I harparkar 7.80 Okai-a 1 1.500 52 Chitral 24.120 Pakpattan 7.80 Naushero Feroze 10.430 54 D.G. Khan 23.600 Kaiprur 7.780 Rijanpur 10.400 55 Lodhran 23.006 Kaiprur 7.050 Lodhran 9.000 56 Naushero Feroze 23.008 Badim 6.790 Kalat 9.411 57 Navabshah 23.008 Bhakkar 6.610 Bolan 9.300 59 Navashera 21.790 Kahat 6.320 Sheikhapura 9.300 61 Manshera 20.920 Mashing 6.300 Badim 8.000 62 Tank 18.430 Killa Saifullaha 5.900 Dadu 8.300 63 Sibi 17.400 Gawader 5.800 Bhawalpur 8.300 64 Mirpurkhas 16.405 Musa Khail 5.500 Gawader 8.000 </td <td>50</td> <td>Lakki</td> <td>25.350</td> <td>D.I. Khan</td> <td>8.010</td> <td>Mainwalai</td> <td>12.100</td>	50	Lakki	25.350	D.I. Khan	8.010	Mainwalai	12.100
52 Chirai 24.120 Pakpattan 7.800 Raisnpur 10.430 53 Tharparkar 23.660 Layyah 7.780 Rainpur 10.400 54 D.G. Khan 23.060 Khairpur 7.050 Lodhran 10.000 55 Lodhran 23.008 Badin 6.790 Kalat 9.411 57 Navashah 23.008 Badin 6.790 Kalat 9.301 58 Badin 21.840 Manshera 6.520 Sheikhupura 9.300 59 Nawshera 21.790 Kahat 6.30 Mardan 9.076 61 Manshera 20.920 Masing 6.200 Badin 8.300 62 Tank 18.430 Kila Saifulaha 5.900 Badua 8.300 63 Sibi 17.600 Gawader 5.800 Gawader 8.800 64 Jacobabad 17.450 Paigur 5.300 Thata 7.800	51	Pakpattan	24.990	1 harparkar	7.890	Okai-a	1 1.500
53 Tharparkar 23.600 Layyah 7.780 Rajanpur 10.400 54 D.G. Khan 23.000 Thatta 7.720 T.T. Singh 10.100 55 Lodhran 23.008 Badin 6.700 Kalat 9.411 57 Nawabshah 23.008 Badkar 6.610 Bolan 9.395 58 Badin 21.840 Manshera 6.520 Sheikhupura 9.300 59 Nawshera 21.790 Khatat 6.300 Mardan 9.076 611 Marshera 20.920 Maslung 6.300 Mardan 9.076 62 Tank 18.430 Killa Saifullaha 5.900 Dadu 8.300 63 Sibi 17.600 Gawader 5.800 Bhawalpur 8.300 64 Jacobabd 17.450 Paigur 5.800 Khanewal 8.200 65 Dir 16.930 Barkhan 5.500 Gawader 8.000	52	Chitral	24.120	Pakpattan	7.800	Naushero f'eroze	10.430
54 D.G. Khan 23.200 Thata 7.720 T.T. Singh 10.100 55 Lodhran 23.008 Badin 6.790 Kalat 9.411 57 Navabshah 23.008 Bhakkar 6.610 Bolan 9.395 58 Badin 21.840 Manshera 6.520 Sheikhupura 9.300 91 Navshera 21.790 MuzaHarfijar 6.300 Mardan 9.076 61 Manshera 20.920 Maslung 6.200 Badin 8.600 62 Tark 18.430 Killa Sairfulaha 5.900 Dadu 8.300 63 Sibi 17.600 Gawader 5.800 Bhawalpur 8.300 64 Jacobabad 17.450 Parjgur 5.800 Bhawalpur 8.300 65 Swat 15.930 Maskand 5.400 Gawader 7.800 66 Mirpurkhas 16.405 Musa Khail 5.400 Gamader 7.800	53	Tharparkar	23.660	Layyah	7.780	Rajanpur	10.400
55 Lodhran 23.060 Khairpur 7.058 Lodhran 10.000 56 Naushero Feroze 23.008 Badin 6.790 Kalat 9.411 57 Navabshah 23.008 Bhakkar 6.610 Bolan 9.395 58 Badin 21.840 Manshera 6.520 Sheikhupura 9.300 59 Navabshah 21.790 Kahat 6.520 Sheikhupura 9.300 61 Manshera 20.920 Maslung 6.200 Badin 8.600 62 Tank 18.430 Killa Saifullaha 5.000 Dadu 8.300 64 Jacobabad 17.450 Panjgur 5.800 Khaneval 8.200 65 Dir 16.930 Barkhan 5.500 Gawader 8.000 66 Mirgurkhas 15.950 Malakand 5.410 Isanghar 7.683 67 Swabi 15.950 Mardan 5.100 Chagai 7.100 <	54	D.G. Khan	23.200	Thatta	7.720	T.T. Singh	10.100
56 Nausbero Feroze 23.008 Badin 6.790 Kalat 9.411 57 Nawabshah 23.008 Bhakkar 6.610 Bolan 9.395 58 Badin 21.840 Manshera 6.520 Sheikhupura 9.300 59 Nawshera 21.790 Kahat 6.300 Khushab 9.300 61 Manshera 20.920 Maslung 6.200 Badin 8.600 62 Tank 18.430 Killa Saifullaha 5.900 Dadu 8.300 63 Sibi 17.600 Gawader 5.800 Bhawalpur 8.300 64 Jacobabd 17.450 Panigur 5.800 Khanewal 8.200 65 Dir 16.930 Barkhan 5.500 Gawader 8.000 64 Mirpurkhas 16.405 Musa Khail 5.500 Thatta 7.800 68 Rajanpur 15.500 Mardan 5.100 Chagai 7.100 71 Ziarat 15.000 Mardan 5.100 Chagai 7.100 <td>55</td> <td>Lodhran</td> <td>23.060</td> <td>Khairpur</td> <td>7.050</td> <td>Lodhran</td> <td>10.000</td>	55	Lodhran	23.060	Khairpur	7.050	Lodhran	10.000
S7 Nawabshah 23 008 Bhakkar 6 610 Bolan 9 395 58 Badin 21 790 Kahat 6 520 Sheikhupura 9 300 59 Nawshera 21 790 Kahat 6 360 Khushab 9 300 61 Manshera 20 920 Maslung 6 300 Badin 8 600 62 Tank 18 430 Killa Saifullaha 5 900 Dadu 8 300 63 Sibi 17.600 Gawader 5 800 Bhawalpur 8 300 64 Jacobabad 17.450 Panjgur 5 800 Gawader 8 000 65 Dir 16 930 Barkhan 5 500 Gawader 8 000 64 Mirpurkhas 16 405 Musa khail 5 100 Gawader 7 800 68 Rajapur 15 520 Lodhran 5 320 Swabi 7 484 70 Pishin 15 000 Mardan 5 100 Chagai 7 100	56	Naushero Feroze	23.008	Badin	6.790	Kalat	9.411
S8 Badin 21.840 Manshera 6.520 Sheikhupura 9.300 59 Nawshera 21.790 Kahat 6.360 Kushab 9.300 61 Manshera 20.920 Mazılarfijar 6.300 Mardan 9.076 61 Manshera 20.920 Maslung 6.200 Badin 8.600 62 Tank 18.430 Killa Saifullaha 5.000 Bhawalpur 8.300 63 Sibi 17.450 Panjgur 5.800 Khanewal 8.200 64 Jacobabad 17.450 Panjgur 5.00 Gavader 8.000 65 Dir 16.930 Barkhan 5.500 Gavader 8.000 66 Mirpurkhas 15.500 Matsa Khail 5.500 Thatta 7.800 67 Swat 15.500 Madan 5.10 Sanghar 7.800 7 Swat 15.900 Mardan 5.100 Chagai 7.100 <	57	Nawabshah	23.008	Bhakkar	6.610	Bolan	9.395
59 Nawshera 21,790 Kahat 6.360 Khushab 9.300 M/ Charsadda 21,790 Muz.aHarfjiar 6.330 Madan 9.076 61 Manshera 20.920 Malung 6.200 Badin 8.600 62 Tank 18.430 Killa Saifullaha 5.900 Dadu 8.300 63 Sibi 17.600 Gawader 5.800 Khanewal 8.200 64 Jacobabad 17.450 Panjgur 5.800 Gawader 8.000 65 Dir 16.930 Barkhan 5.00 Gawader 8.000 66 Mirpurkhas 16.405 Musa Khail 5.000 Thatta 7.900 67 Swabi 15.950 Malakand 5.101 Sanghar 7.683 69 Swat 15.080 Rajanpur 5.320 Swabi 7.484 70 Pishin 15.000 Mardan 5.100 Chagai 7.100 7	58	Badin	21.840	Manshera	6.520	Sheikhupura	9.300
M Charsadda 21.790 MuzaHarfjiar 6.30 Mardan 9.076 61 Manshera 20.920 Mashung 6.200 Badin 8.600 62 Tank 18.430 Killa Saifullaha 5.900 Dadu 8.300 63 Sibi 17.600 Gawader 5.800 Bhawalpur 8.300 64 Jacobabad 17.450 Panjgur 5.800 Khanewal 8.200 65 Dir 16.930 Barkhan 5.500 Gawader 8.000 66 Mirpurkhas 16.405 Musa Khail 5.500 Thatta 7.900 67 Swabi 15.950 Malakand 5.410 Sanghar 7.683 69 Swat 15.000 Mardan 5.100 Chagai 7.100 71 Ziarat 11.500 Jalfarabad 4.700 Vehari 7.900 72 Kalat 10.000 Strifarabad 4.700 Vehari 6.915	59	Nawshera	21.790	Kahat	6.360	Khushab	9.300
61 Manshera 20.920 Maslung 6.200 Badin 8.600 62 Tank 18.430 Killa Saifullaha 5.900 Dadu 8.300 63 Sibi 17.600 Gawader 5.800 Bhavalpur 8.300 64 Jacobabad 17.450 Panjgur 5.800 Bhavalpur 8.200 65 Dir 16.930 Barkhan 5.500 Gawader 8.000 66 Mirpurkhas 16.405 Musa Khail 5.500 Thatta 7.800 67 Swabi 15.520 Lodhran 5.340 Sanghar 7.803 68 Rajanpur 15.000 Mardan 5.100 Chagai 7.100 71 Ziarat 11.500 Jachmagsi 4.800 Panjgur 7.100 72 Kalat 10.300 Sihi 4.400 Tharparkar 6.915 74 Turbat 9.500 Kharan 4.200 Khuzdar 5.600 <td< td=""><td><i>M</i>)</td><td>Charsadda</td><td>21.790</td><td>Muz.aHarfjiar</td><td>6.330</td><td>Mardan</td><td>9.076</td></td<>	<i>M</i>)	Charsadda	21.790	Muz.aHarfjiar	6.330	Mardan	9.076
62 Tank 18.430 Killa Saifullaha 5.900 Dadu 8.300 63 Sibi 17.600 Gawader 5.800 Bhawalpur 8.300 64 Jacobabad 17.450 Panjgur 5.800 Khanewal 8.200 65 Dir 16.930 Barkhan 5.500 Gawader 8.000 66 Mirpurkhas 16.405 Musa Khail 5.500 Thatta 7.900 67 Swabi 15.950 Malakand 5.410 Malamagsi 7.683 69 Swat 15.080 Rajanpur 5.320 Swabi 7.484 70 Pishin 15.000 Mardan 5.100 Chagai 7.100 71 Ziarat 11.500 Malmagsi 4.800 Panjgur 7.100 72 Kalat 10.300 Sihi 4.400 Tharparkar 6.915 74 Turbat 9.500 Kharan 4.200 Rahim Yar Khan 6.600 <	61	Manshera	20.920	Maslung	6.200	Badin	8.600
63 Sibi 17.600 Gawader 5.800 Bhanewalpur 8.300 64 Jacobabad 17.450 Panjgur 5.800 Khanewal 8.200 65 Dir 16.930 Barkhan 5.500 Gawader 8.000 66 Mirpurkhas 16.405 Musa Khail 5.500 Thatta 7.900 67 Swabi 15.950 Malakand 5.410 Sanghar 7.803 68 Rajanpur 15.520 Lodhran 5.320 Swabi 7.484 70 Pishin 15.000 Mardan 5.100 Chagai 7.100 71 Ziarat 11.500 Jahlmagsi 4.800 Panjgur 7.100 72 Kalat 10.600 Jaffarabad 4.700 Vehari 7.000 73 1,asbela 10.300 Sihi 4.400 Kharparkar 6.915 74 Turbat 9.500 Kharan 4.200 Rahim Yar Khan 6.600	62	Tank	18.430	Killa Saifullaha	5.900	Dadu	8.300
64 Jacobabad 17.450 Panjgur 5.800 Khanwal 8.200 65 Dir 16.930 Barkhan 5.500 Gawader 8.000 66 Mirpurkhas 16.405 Musa Khail 5.500 Thatta 7.900 67 Swabi 15.950 Malakand 5.410 Sanghar 7.800 68 Rajanpur 15.520 Lodhran 5.340 Ihalmagsi 7.683 69 Swat 15.080 Rajanpur 5.320 Swabi 7.484 70 Pishin 15.000 Mardan 5.100 Chagai 7.100 71 Ziarat 11.500 Mardan 4.800 Panjgur 7.100 72 Kalat 10.600 Jaffrarabad 4.700 Khuzdar 6.800 74 Turbat 9.500 Kharan 4.200 Rahim Yar Khan 6.600 75 Chagai 9.000 Karak 3.570 Lasobela 5.500	63	Sibi	17.600	Gawader	5.800	Bhawalpur	8.300
65 Dir 16.930 Barkhan 5.500 Gawader 8.000 66 Mirpurkhas 16.405 Musa Khail 5.500 Thatta 7.900 67 Swabi 15.950 Malakand 5.410 Sanghar 7.800 68 Rajanpur 15.520 Lodhran 5.340 Jhalmagsi 7.683 69 Swat 15.080 Rajanpur 5.320 Swabi 7.484 70 Pishin 15.000 Mardan 5.100 Chagai 7.100 71 Ziarat 11.500 Jhalmagsi 4.800 Parijgur 7.100 73 I,asbela 10.300 Sihi 4.400 Tharparkar 6.915 74 Turbat 9.500 Kharan 4.200 Rhuzdar 6.800 75 Chagai 9.000 Karak 3.570 Lasbela 6.500 76 Zhob 9.000 Karak 3.570 Lasbela 5.600 78	64	Jacobabad	17.450	Panjgur	5.800	Khanewal	8.200
66 Mirpurkhas 16.405 Musa Khail 5.500 Thatta 7.900 67 Swabi 15.950 Malakand 5.410 Sanghar 7.800 68 Rajanpur 15.520 Lodhran 5.340 Jhalmagsi 7.683 69 Swat 15.080 Rajanpur 5.320 Swabi 7.484 70 Pishin 15.000 Mardan 5.100 Chagai 7.100 71 Ziarat 11.500 Jhalmagsi 4.800 Panjgur 7.100 72 Kalat 10.600 Jaffarabad 4.700 Vehari 7.000 73 1,asbela 10.300 Sihi 4.400 Thurparkar 6.800 74 Turbat 9.500 Kharan 4.200 Rahim Yar Khan 6.600 76 Zhob 9.000 Karak 3.570 Lasbela 6.500 77 Buner 8.730 Bannu 3.420 Ziarat 5.608 80 <td>65</td> <td>Dir</td> <td>16.930</td> <td>Barkhan</td> <td>5.500</td> <td>Gawader</td> <td>8.000</td>	65	Dir	16.930	Barkhan	5.500	Gawader	8.000
67 Swabi 15.950 Malakand 5.410 Samphar 7.800 68 Rajanpur 15.520 Lodhran 5.340 Jhalmagsi 7.683 69 Swat 15.080 Rajanpur 5.320 Swabi 7.484 70 Pishin 15.000 Mardan 5.100 Chagai 7.100 71 Ziarat 11.500 Jaffarabad 4.700 Vehari 7.000 73 I,asbcla 10.300 Sihi 4.400 Hamparkar 6.915 74 Turbat 9.500 Karan 4.200 Kalurparkar 6.800 75 Chagai 9.000 Karak 3.570 Lasbela 6.500 76 Buner 8.730 Bannu 3.420 Ziarat 5.608 79 Nasirabad 8.100 Dir 2.770 Turbat 4.900 81 Khuzdar 7.000 Zhob 2.000 Jacobabad 4.800 82 <td< td=""><td>66</td><td>Mirpurkhas</td><td>16.405</td><td>Musa Khail</td><td>5.500</td><td>Thatta</td><td>7.900</td></td<>	66	Mirpurkhas	16.405	Musa Khail	5.500	Thatta	7.900
68 Rajanpur 15.520 Lodhran 5.340 Jhalmagsi 7.683 69 Swat 15.080 Rajanpur 5.320 Swabi 7.484 70 Pishin 15.000 Mardan 5.100 Chagai 7.100 71 Ziarat 11.500 Jhalmagsi 4.800 Panjgur 7.100 72 Kalat 10.600 Jaffarabad 4.700 Vehari 7.000 73 1,asbcla 10.300 Sihi 4.400 Tharparkar 6.915 74 Turbat 9.500 Kharan 4.200 Khuzdar 6.800 75 Chagai 9.000 Awaran 4.200 Kahim Yar Khan 6.600 76 Zhob 9.000 Karak 3.570 Lasbela 6.500 78 Loralai 8.730 Bannu 3.420 Ziarat 5.608 78 Loralai 8.700 Chitral 2.930 Bhakkar 5.300 80	67	Swabi	15.950	Malakand	5.410	Sanghar	7.800
69 Swat 15.080 Rajanpur 5.320 Swabi 7.484 70 Pishin 15.000 Mardan 5.100 Chagai 7.100 71 Ziarat 11.500 Jhalmagsi 4.800 Panjgur 7.100 72 Kalat 10.600 Jaffarabad 4.700 Vehari 7.000 73 I,asbela 10.300 Sihi 4.400 Tharparkar 6.915 74 Turbat 9.500 Kharan 4.200 Khuzdar 6.800 75 Chagai 9.000 Karak 3.570 Lasbela 6.500 76 Zhob 9.000 Karak 3.570 Lasbela 6.600 76 Zhob 9.000 Karak 3.570 Lasbela 6.500 77 Buner 8.730 Bannu 3.420 Ziarat 5.608 78 Loralai 8.100 Chiral 2.930 Bhakkar 5.300 80 Bolan	68	Rajanpur	15.520	Lodhran	5.340	Jhalmagsi	7.683
70 Pishin 15.000 Mardan 5.100 Chagai 7.100 71 Ziarat 11.500 Jhalmagsi 4.800 Panjgur 7.100 72 Kalat 10.600 Jaffarabad 4.700 Vehari 7.000 73 I,asbcla 10.300 Sihi 4.400 Tharparkar 6.915 74 Turbat 9.500 Kharan 4.200 Khuzdar 6.800 75 Chagai 9.000 Awaran 4.200 Rahim Yar Khan 6.600 76 Zhob 9.000 Karak 3.570 Lasbela 6.500 77 Buner 8.730 Bannu 3.420 Ziarat 5.608 78 Loralai 8.700 Jacobabad 3.180 Larkana 5.600 79 Nasirabad 8.100 Dir 2.700 Turbat 4.900 81 Khuzdar 7.000 Zhob 2.000 Jacobabad 4.800 82	69	Swat	15.080	Rajanpur	5.320	Swabi	7.484
71 Ziarat 11.500 Jhalmagsi 4.800 Panjgur 7.100 72 Kalat 10.600 Jaffarabad 4.700 Vehari 7.000 73 1,asbcla 10.300 Sihi 4.400 Tharparkar 6.915 74 Turbat 9.500 Kharan 4.200 Khuzdar 6.800 75 Chagai 9.000 Awaran 4.200 Rahim Yar Khan 6.600 76 Zhob 9.000 Karak 3.570 Lasbela 6.500 77 Buner 8.730 Bannu 3.420 Ziarat 5.608 78 Loralai 8.700 Jacobabad 3.180 Larkana 5.600 79 Nasirabad 8.100 Chitral 2.930 Bhakkar 5.300 80 Bolan 8.100 Dir 2.770 Turbat 4.900 81 Khuzdar 7.000 Zhob 2.000 Jacobabad 4.800 82 Mastung 6.200 Lakki 1.800 Awaran 4.100	70	Pishin	15.000	Mardan	5.100	Chagai	7.100
72 Kalat 10.600 Jaffarabad 4.700 Vehari 7.000 73 1,asbcla 10.300 Sihi 4.400 Tharparkar 6.915 74 Turbat 9.500 Kharan 4.200 Rahim Yar Khan 6.800 75 Chagai 9.000 Awaran 4.200 Rahim Yar Khan 6.600 76 Zhob 9.000 Karak 3.570 Lasbela 6.500 76 Buner 8.730 Bannu 3.420 Ziarat 5.608 78 Loralai 8.700 Jacobabad 3.180 Larkana 5.600 79 Nasirabad 8.100 Chitral 2.930 Bhakkar 5.300 80 Bolan 8.100 Dir 2.770 Turbat 4.900 81 Khuzdar 7.000 Zhob 2.000 Jacobabad 4.800 82 Mastung 6.200 Lakki 1.890 Khairpur 4.400 83 Killa Saifullaha 5.900 Swat 1.730 Nasirabad 3.800	71	Ziarat	11.500	Jhalmagsi	4.800	Panjgur	7.100
73 1,asbcla 10.300 Sihi 4.400 Tharparkar 6.915 74 Turbat 9.500 Kharan 4.200 Khuzdar 6.800 75 Chagai 9.000 Awaran 4.200 Rahim Yar Khan 6.600 76 Zhob 9.000 Karak 3.570 Lasbela 6.500 77 Buner 8.730 Bannu 3.420 Ziarat 5.608 78 Loralai 8.700 Jacobabad 3.180 Larkana 5.600 79 Nasirabad 8.100 Chitral 2.930 Bhakkar 5.300 80 Bolan 8.100 Dir 2.770 Turbat 4.900 81 Khuzdar 7.000 Zhob 2.000 Jacobabad 4.800 82 Mastung 6.200 Lakki 1.890 Khairpur 4.400 83 Killa Saifullaha 5.900 Swat 1.730 Nasirabad 3.866 85 Panjgur 5.800 Loralai 1.600 Jhang 3.800 8	72	Kalat	10.600	Jaffarabad	4.700	Vehari	7.000
74 Turbat 9.500 Kharan 4.200 Khuzdar 6.800 75 Chagai 9.000 Awaran 4.200 Rahim Yar Khan 6.600 76 Zhob 9.000 Karak 3.570 Lasbela 6.500 77 Buner 8.730 Bannu 3.420 Ziarat 5.608 78 Loralai 8.700 Jacobabad 3.180 Larkana 5.600 79 Nasirabad 8.100 Chitral 2.930 Bhakkar 5.300 80 Bolan 8.100 Dir 2.770 Turbat 4.900 81 Khuzdar 7.000 Zhob 2.000 Jacobabad 4.800 82 Mastung 6.200 Lakki 1.890 Khairpur 4.400 83 Killa Saifullaha 5.900 Pishin 1.800 Awaran 4.100 84 Kohlu 5.900 Swat 1.730 Nasirabad 3.800 85 Panjgur 5.800 Lasbela 1.400 Kasur 3.800	73	1,asbcla	10.300	Sihi	4.400	Tharparkar	6.915
75 Chagai 9.000 Awaran 4.200 Kahim Yar Khan 6.600 76 Zhob 9.000 Karak 3.570 Lasbela 6.500 77 Buner 8.730 Bannu 3.420 Ziarat 5.608 78 Loralai 8.700 Jacobabad 3.180 Larkana 5.600 79 Nasirabad 8.100 Chitral 2.930 Bhakkar 5.300 80 Bolan 8.100 Dir 2.770 Turbat 4.900 81 Khuzdar 7.000 Zhob 2.000 Jacobabad 4.800 82 Mastung 6.200 Lakki 1.890 Khairpur 4.400 83 Killa Saifullaha 5.900 Pishin 1.800 Awaran 4.100 84 Kohlu 5.900 Swat 1.730 Nasirabad 3.800 85 Panjgur 5.800 Lasbela 1.400 Kasur 3.800 86 Gawader 5.800 Lasbela 1.400 Kasur 3.700 <	74	'I'urbat	9.500	Kharan	4.200	Khuzdar	6.800
76 Zhob 9.000 Karak $3.7/0$ Lasbela 6.500 77 Buner 8.730 Bannu 3.420 Ziarat 5.608 78 Loralai 8.700 Jacobabad 3.180 Larkana 5.600 79 Nasirabad 8.100 Chitral 2.930 Bhakkar 5.300 80 Bolan 8.100 Dir 2.770 Turbat 4.900 81 Khuzdar 7.000 Zhob 2.000 Jacobabad 4.800 82 Mastung 6.200 Lakki 1.890 Khairpur 4.400 83 Killa Saifullaha 5.900 Pishin 1.800 Awaran 4.100 84 Kohlu 5.900 Swat 1.730 Nasirabad 3.866 85 Panjgur 5.800 Loralai 1.600 Jhang 3.800 86 Gawader 5.800 Lasbela 1.400 Kasur 3.800 87 Barkhan 5.500 Bolan <	75	Chagai	9.000	Awaran	4.200	Rahim Yar Khan	6.600
77 Buner 8./30 Bannu 3.420 Ziarat 5.608 78 Loralai 8.700 Jacobabad 3.180 Larkana 5.600 79 Nasirabad 8.100 Chitral 2.930 Bhakkar 5.300 80 Bolan 8.100 Dir 2.770 Turbat 4.900 81 Khuzdar 7.000 Zhob 2.000 Jacobabad 4.800 82 Mastung 6.200 Lakki 1.890 Khairpur 4.400 83 Killa Saifullaha 5.900 Pishin 1.800 Awaran 4.100 84 Kohlu 5.900 Swat 1.730 Nasirabad 3.866 85 Panjgur 5.800 Loralai 1.600 Jhang 3.800 86 Gawader 5.800 Lasbela 1.400 Kasur 3.700 88 Musa Khail 5.500 Bolan 1.100 Muzaffarghar 3.700 89 Jhalmagsi 4.800 Turbat 0.800 Kairan 2.400	76	Zhob	9.000	Karak	3.570	Lasbela	6.500
78 Loralai 8.700 Jacobabad 3.180 Larkana 5.600 79 Nasirabad 8.100 Chitral 2.930 Bhakkar 5.300 80 Bolan 8.100 Dir 2.770 Turbat 4.900 81 Khuzdar 7.000 Zhob 2.000 Jacobabad 4.800 82 Mastung 6.200 Lakki 1.890 Khairpur 4.400 83 Killa Saifullaha 5.900 Pishin 1.800 Awaran 4.100 84 Kohlu 5.900 Swat 1.730 Nasirabad 3.866 85 Panjgur 5.800 Loralai 1.600 Jhang 3.800 86 Gawader 5.800 Lasbela 1.400 Kasur 3.800 87 Barkhan 5.500 Kalat 1.100 Muzaffarghar 3.700 88 Musa Khail 5.500 Bolan 1.100 Kharan 2.400 89 Jhalmagsi 4.800 Turbat 0.800 Killa Saifullaha 2.295 <td>77</td> <td>Buner</td> <td>8.730</td> <td>Bannu</td> <td>3.420</td> <td>Ziarat</td> <td>5.608</td>	77	Buner	8.730	Bannu	3.420	Ziarat	5.608
79 Nasirabad 8.100 Chitral 2.930 Bhakkar 5.300 80 Bolan 8.100 Dir 2.770 Turbat 4.900 81 Khuzdar 7.000 Zhob 2.000 Jacobabad 4.800 82 Mastung 6.200 Lakki 1.890 Khairpur 4.400 83 Killa Saifullaha 5.900 Pishin 1.800 Awaran 4.100 84 Kohlu 5.900 Swat 1.730 Nasirabad 3.866 85 Panjgur 5.800 Loralai 1.600 Jhang 3.800 86 Gawader 5.800 Lasbela 1.400 Kasur 3.800 87 Barkhan 5.500 Kalat 1.100 Muzaffarghar 3.700 88 Musa Khail 5.500 Bolan 1.100 Kharan 2.400 89 Jhalmagsi 4.800 Turbat 0.800 Layyah 2.100 90 Jaffarabad 4.700 Nasirabad 0.800 Layyah 2.100 <t< td=""><td>78</td><td>Loralaı</td><td>8.700</td><td>Jacobabad</td><td>3.180</td><td>Larkana</td><td>5.600</td></t<>	78	Loralaı	8.700	Jacobabad	3.180	Larkana	5.600
80 Bolan 8.100 Dir 2.770 Turbat 4.900 81 Khuzdar 7.000 Zhob 2.000 Jacobabad 4.800 82 Mastung 6.200 Lakki 1.890 Khairpur 4.400 83 Killa Saifullaha 5.900 Pishin 1.800 Awaran 4.100 84 Kohlu 5.900 Swat 1.730 Nasirabad 3.866 85 Panjgur 5.800 Loralai 1.600 Jhang 3.800 86 Gawader 5.800 Lasbela 1.400 Kasur 3.800 87 Barkhan 5.500 Bolan 1.100 Muzaffarghar 3.700 88 Musa Khail 5.500 Bolan 1.100 Kharan 2.400 89 Jhalmagsi 4.800 Turbat 0.800 Layyah 2.100 90 Jaffarabad 4.700 Nasirabad 0.800 Layyah 2.100 91 Kharan 4.200 Khuzdar 0.700 Dera Bugti 1.800 <t< td=""><td>79</td><td>Nasirabad</td><td>8.100</td><td>Chitral</td><td>2.930</td><td>Bhakkar</td><td>5.300</td></t<>	79	Nasirabad	8.100	Chitral	2.930	Bhakkar	5.300
81 Khuzdar 7.000 Zhob 2.000 Jacobabad 4.800 82 Mastung 6.200 Lakki 1.890 Khairpur 4.400 83 Killa Saifullaha 5.900 Pishin 1.800 Awaran 4.100 84 Kohlu 5.900 Swat 1.730 Nasirabad 3.866 85 Panjgur 5.800 Loralai 1.600 Jhang 3.800 86 Gawader 5.800 Lasbela 1.400 Kasur 3.800 87 Barkhan 5.500 Kalat 1.100 Muzaffarghar 3.700 88 Musa Khail 5.500 Bolan 1.100 Kharan 2.400 89 Jhalmagsi 4.800 Turbat 0.800 Killa Saifullaha 2.295 90 Jaffarabad 4.700 Nasirabad 0.800 Layyah 2.100 91 Kharan 4.200 Kohistan 0.730 Jaffarabad 2.044	80	Bolan	8.100	Dir	2.770	Turbat	4.900
82 Mastung 6.200 Lakki 1.890 Kharpur 4.400 83 Killa Saifullaha 5.900 Pishin 1.800 Awaran 4.100 84 Kohlu 5.900 Swat 1.730 Nasirabad 3.866 85 Panjgur 5.800 Loralai 1.600 Jhang 3.800 86 Gawader 5.800 Lasbela 1.400 Kasur 3.800 87 Barkhan 5.500 Kalat 1.100 Muzaffarghar 3.700 88 Musa Khail 5.500 Bolan 1.100 Kharan 2.400 89 Jhalmagsi 4.800 Turbat 0.800 Killa Saifullaha 2.295 90 Jaffarabad 4.700 Nasirabad 0.800 Layyah 2.100 91 Kharan 4.200 Kohistan 0.730 Jaffarabad 2.044 92 Awaran 4.200 Kohuzdar 0.700 Dera Bugti 1.800 93 Kohistan 1.870 Kohlu 0.600 Zhob 0.784 <td>81</td> <td>Khuzdar</td> <td>7.000</td> <td>Zhob</td> <td>2.000</td> <td>Jacobabad</td> <td>4.800</td>	81	Khuzdar	7.000	Zhob	2.000	Jacobabad	4.800
83 Killa Saifullaha 5.900 Pishin 1.800 Awaran 4.100 84 Kohlu 5.900 Swat 1.730 Nasirabad 3.866 85 Panjgur 5.800 Loralai 1.600 Jhang 3.800 86 Gawader 5.800 Lasbela 1.400 Kasur 3.800 87 Barkhan 5.500 Kalat 1.100 Muzaffarghar 3.700 88 Musa Khail 5.500 Bolan 1.100 Kharan 2.400 89 Jhalmagsi 4.800 Turbat 0.800 Killa Saifullaha 2.295 90 Jaffarabad 4.700 Nasirabad 0.800 Layyah 2.100 91 Kharan 4.200 Kohistan 0.730 Jaffarabad 2.044 92 Awaran 4.200 Khuzdar 0.700 Dera Bugti 1.800 93 Kohistan 1.870 Kohlu 0.600 Shikarpur 0.700 94 Dera Bugti 0.000 Dera Bugti 0.000 Shikarpur	82	Mastung	6.200	Lakki	1.890	Khairpur	4.400
84 Kohiu 5.900 Swat 1.730 Nasirabad 3.800 85 Panjgur 5.800 Loralai 1.600 Jhang 3.800 86 Gawader 5.800 Lasbela 1.400 Kasur 3.800 87 Barkhan 5.500 Kalat 1.100 Muzaffarghar 3.700 88 Musa Khail 5.500 Bolan 1.100 Kharan 2.400 89 Jhalmagsi 4.800 Turbat 0.800 Killa Saifullaha 2.295 90 Jaffarabad 4.700 Nasirabad 0.800 Layyah 2.100 91 Kharan 4.200 Kohistan 0.730 Jaffarabad 2.044 92 Awaran 4.200 Khuzdar 0.700 Dera Bugti 1.800 93 Kohistan 1.870 Kohlu 0.600 Shikarpur 0.700 94 Dera Bugti 0.000 Dera Bugti 0.000 Shikarpur 0.700 24.52 10.50 16.77 190.70 76.57 187.31 </td <td>83</td> <td>Killa Saifullaha</td> <td>5.900</td> <td>Pishin</td> <td>1.800</td> <td>Awaran</td> <td>4.100</td>	83	Killa Saifullaha	5.900	Pishin	1.800	Awaran	4.100
85 Panjgur 5.800 Loralai 1.000 Jnang 3.800 86 Gawader 5.800 Lasbela 1.400 Kasur 3.800 87 Barkhan 5.500 Kalat 1.100 Muzaffarghar 3.700 88 Musa Khail 5.500 Bolan 1.100 Kharan 2.400 89 Jhalmagsi 4.800 Turbat 0.800 Killa Saifullaha 2.295 90 Jaffarabad 4.700 Nasirabad 0.800 Layyah 2.100 91 Kharan 4.200 Kohistan 0.730 Jaffarabad 2.044 92 Awaran 4.200 Khuzdar 0.700 Dera Bugti 1.800 93 Kohistan 1.870 Kohlu 0.600 Zhob 0.784 94 Dera Bugti 0.000 Dera Bugti 0.000 Shikarpur 0.700 24.52 10.50 16.77 190.70 76.57 187.31 187.31	84 95	Noniu	5.900	Swat	1.730	INASIFADAD	3.800
86 Gawader 5.800 Lasbela 1.400 Kasur 3.800 87 Barkhan 5.500 Kalat 1.100 Muzaffarghar 3.700 88 Musa Khail 5.500 Bolan 1.100 Kharan 2.400 89 Jhalmagsi 4.800 Turbat 0.800 Killa Saifullaha 2.295 90 Jaffarabad 4.700 Nasirabad 0.800 Layyah 2.100 91 Kharan 4.200 Kohistan 0.730 Jaffarabad 2.044 92 Awaran 4.200 Khuzdar 0.700 Dera Bugti 1.800 93 Kohistan 1.870 Kohlu 0.600 Zhob 0.784 94 Dera Bugti 0.000 Dera Bugti 0.000 Shikarpur 0.700 24.52 10.50 16.77 190.70 76.57 187.31	85	Panjgur	5.800	Loraiai	1.600	Jhang	3.800
67 Barkhan 5.300 Rafat 1.100 Muzarragnar 5.700 88 Musa Khail 5.500 Bolan 1.100 Kharan 2.400 89 Jhalmagsi 4.800 Turbat 0.800 Killa Saifullaha 2.295 90 Jaffarabad 4.700 Nasirabad 0.800 Layyah 2.100 91 Kharan 4.200 Kohistan 0.730 Jaffarabad 2.044 92 Awaran 4.200 Khuzdar 0.700 Dera Bugti 1.800 93 Kohistan 1.870 Kohlu 0.600 Zhob 0.784 94 Dera Bugti 0.000 Dera Bugti 0.000 Shikarpur 0.700 24.52 10.50 16.77 190.70 76.57 187.31	86 97	Gawader	5.800	Lasbela	1.400	Kasur Muzofforghor	3.800
88 Musa Khaii 5.500 Bolan 1.100 Khaan 2.400 89 Jhalmagsi 4.800 Turbat 0.800 Killa Saifullaha 2.295 90 Jaffarabad 4.700 Nasirabad 0.800 Layyah 2.100 91 Kharan 4.200 Kohistan 0.730 Jaffarabad 2.044 92 Awaran 4.200 Khuzdar 0.700 Dera Bugti 1.800 93 Kohistan 1.870 Kohlu 0.600 Zhob 0.784 94 Dera Bugti 0.000 Dera Bugti 0.000 Shikarpur 0.700 24.52 10.50 16.77 190.70 76.57 187.31	0/	Daikilali Musa Khail	5.500	Kalat	1.100	Whatan	3.700
90 Jaffarabad 4.700 Nasirabad 0.800 Layyah 2.100 91 Kharan 4.200 Kohistan 0.730 Jaffarabad 2.044 92 Awaran 4.200 Khuzdar 0.700 Dera Bugti 1.800 93 Kohistan 1.870 Kohlu 0.600 Shikarpur 0.784 94 Dera Bugti 0.000 Dera Bugti 0.000 Shikarpur 0.700 24.52 10.50 16.77 190.70 76.57 187.31	00 80	Inalmagei	5.500 1 800	Turbat	0.800	Killa Saifullaha	2.400 2.205
91 Kharan 4.200 Kohistan 0.730 Jaffarabad 2.100 92 Awaran 4.200 Kohistan 0.730 Jaffarabad 2.044 92 Awaran 4.200 Khuzdar 0.700 Dera Bugti 1.800 93 Kohistan 1.870 Kohlu 0.600 Zhob 0.784 94 Dera Bugti 0.000 Dera Bugti 0.000 Shikarpur 0.700 24.52 10.50 16.77 190.70 76.57 187.31	00	Jaffarahad	4 700	Nasirabad	0.000	L avyah	2.295
Picture Picture <t< td=""><td>01</td><td>Kharan</td><td>4 200</td><td>Kohistan</td><td>0.000</td><td>Laffarahad</td><td>2.100</td></t<>	01	Kharan	4 200	Kohistan	0.000	Laffarahad	2.100
93 Kohistan 1.870 Kohlu 0.600 Zhob 0.784 94 Dera Bugti 0.000 Dera Bugti 0.000 Shikarpur 0.700 24.52 10.50 76.57 187.31	92	Awaran	4.200	Khuzdar	0.750	Dera Bugti	2.044
94 Dera Bugti 0.000 Dera Bugti 0.000 Shikarpur 0.700 24.52 10.50 16.77 190.70 76.57 187.31	93	Kohistan	1.200	Kohlu	0.700	Zhoh	0.784
24.52 10.50 16.77 190.70 76.57 187.31	94	Dcra Bugti	0.000	Dera Bugti	0.000	Shikarpur	0.784
190.70 76.57 187.31	-	Subu	24 52	- vin Sugu	10 50	pur	16 77
			190.70		76.57		187.31