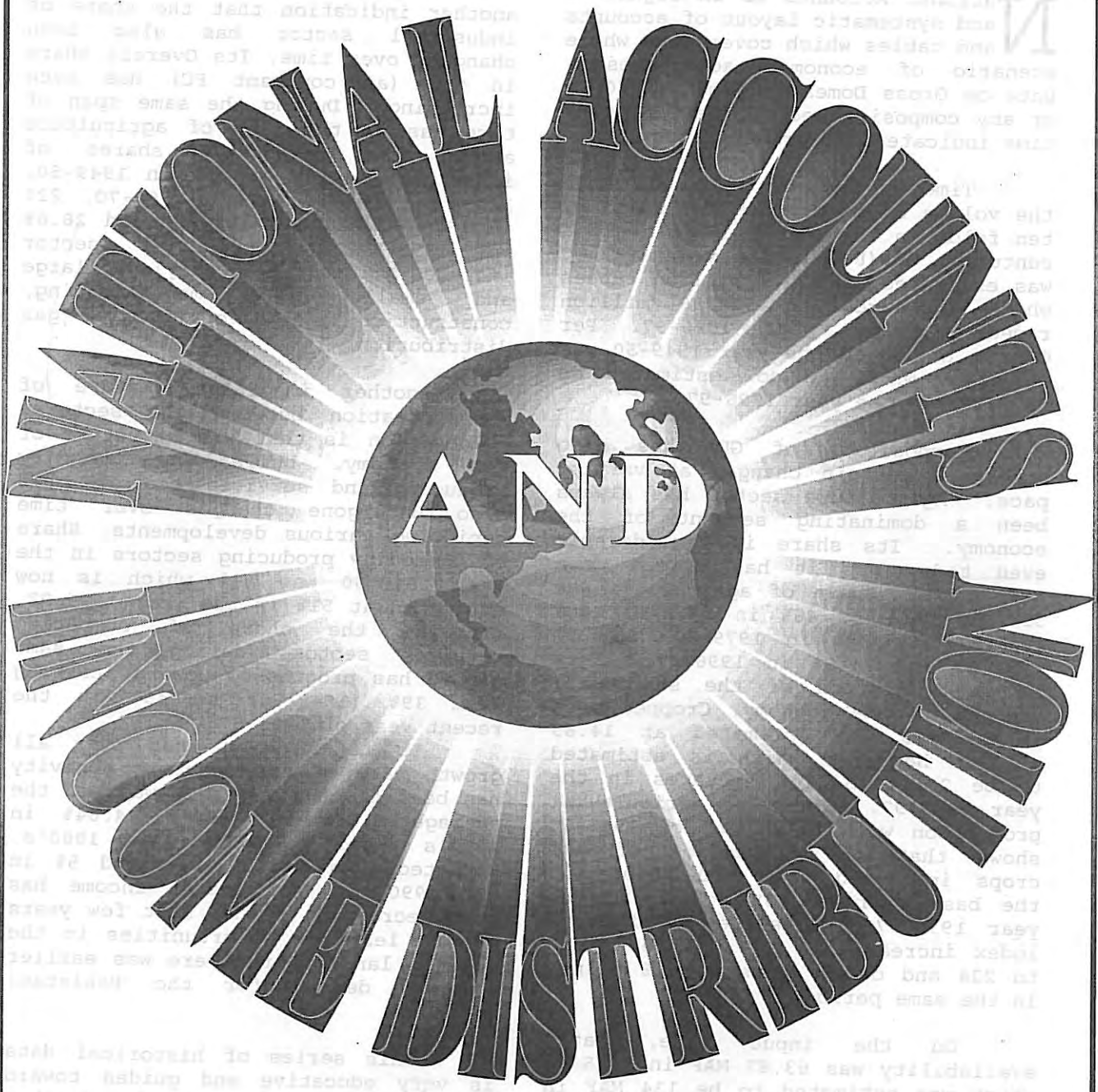
3



3

A: NATIONAL ACCOUNTS

National Accounts is an organized and systematic layout of accounts and tables which covers the whole scenario of economic activities. Data on Gross Domestic Products (GDP) or any composite sector thereof, over time indicates the growth pattern.

Time series of GDP show that the volume of output has increased by ten folds in the last (almost) half a century. GDP(FC) in the year 1949-50 was estimated at 57973 million rupees which increased to 575999 million rupees in the year 1996-97. Per Capita Income in the year 1949-50 was Rs. 1638 which is now estimated as Rs. 4263 in the year 1996-97.

Composition of GDP has also undergone certain changes at varying pace. Agriculture sector has always been a dominating segment of the economy. Its share is considerable even today but it has slided down over time. Share of agriculture was 53% in 1949-50, 46% in 1959-60, 40% in 1969-70, 32% in 1979-80, 26% in 1989-90 and 24.5% in 1996-97. This is an indication of the structural changes in the economy. Cropped area in 1959-60 was estimated at 14.89 million hectares which is estimated to be 22.14 million hectares in the year 1996-97. Index of agricultural production with base year of 1959-60 shows that the production of all crops increased from 100 points in the base year to 158 points in the year 1996-97. Likewise, Food crops index increased to 145, Fibber crops to 224 and other crops to 128 points in the same period.

On the input side, water availability was 63.87 MAF in 1965-66 which was estimated to be 134 MAF in 1996-97. Fertilizer off-take measured in '000 N.T' increased from 19 to 1899 between 1959-60 and 1996-97.

National accounts data give another indication that the share of industrial sector has also been changing over time. Its Overall share in GDP (at constant FC). has been increasing. During the same span of time, as in the case of agriculture above, the respective shares of industrial sector are 8% in 1949-50, 13% in 1959-60, 19% in 1969-70, 22% in 1979-80, 26% in 1989-90 and 26.6% in 1996-97. Industrial sector includes mining & quarrying, large and small scale manufacturing, construction and electricity & gas distribution.

Another important feature of transformation between the sectoral composition is that the structure of the economy, built on commodity producing and services sectors, has also undergone changes over time depicting various developments. Share of commodity producing sectors in the year 1949-50 was 61% which is now estimated at 51% in the year 1996-97. Likewise the share of competing services sectors during the same period has progressed upward starting from 39% (1949-50) to 49% in the recent year of 1996-97.

It is observed that over all growth rate of the economic activity has been fluctuating. It was, on the average 6.77% in 1960's, 4.84% in 1970's and 6.45% in 1980's. Expectedly, it will be around 5% in the 1990's. Net factor income has been decreasing in the last few years due to less job opportunities in the foreign lands where there was earlier a high demand for the Pakistani manpower.

This series of historical data is very educative and guides toward drawing conclusions for further corrective thinking and formulation of right action plans. For details, see tables 3.1 to 3.7.

13-33

Table 3.1 NATIONAL ACCOUNTS INDICATORS

	GROWTH RATE (%) (Constant FC)					GROWTH RATE (%) (Current MP)			
Year	GDP	Agri-culture	Manufac-turing	Commodity Producing Sector	Services Sector	Total Investment	Fixed Investment	Public Investment	Private Investment
1950-51	3.90	2.62	8.43	3.52	4.53				
1951-52	-1.80	-9.06	7.77	-5.78	4.82				
1952-53	1.72	0.18	9.97	1.82	1.58				
1953-54	10.22	15.23	13.04	14.60	3.63				
1954-55	2.03	-2.21	12.39	0.27	4.97				
1955-56	3.53	2.09	10.07	3.92	2.90				
1956-57	2.98	2.27	5.44	3.12	2.75				
1957-58	2.54	1.92	3.73	2.79	2.12				
1958-59	5.47	4.00	4.18	4.66	6.79				
1959-60	0.88	0.29	2.54	0.65	1.23				
1960-61	4.89	-0.21	12.88	4.38	5.70	14.68			
1961-62	6.01	6.19	13.30	7.13	4.26	15.06			
1962-63	7.19	5.21	11.20	7.39	6.88	27.32			
1963-64	6.48	2.51	11.36	6.27	6.83	28.29			
1964-65	9.38	5.25	9.95	7.23	12.84	23.19	19.96	10.29	12.58
1965-66	7.56	0.45	8.59	3.05	14.45	-8.07	-9.19	-22.50	-6.62
1966-67	3.08	5.48	5.66	4.79	0.74	10.95	6.95	23.01	4.64
1967-68	6.79	11.73	6.37	9.38	3.09	-6.01	-1.21	6.19	5.22
1968-69	6.49	4.52	8.63	7.06	5.62	1.87	-2.06	-0.27	-4.96
1969-70	9.79	9.55	11.33	11.59	7.02	20.40	19.93	44.43	16.12
1970-71	1.23	-3.07	6.44	0.41	2.55	4.61	3.07	141.96	1.09
1971-72	2.32	3.47	1.25	1.54	3.55	-2.90	-3.29	-8.63	0.42
1972-73	6.80	1.67	8.73	4.95	9.64	12.82	12.23	-0.64	5.08
1973-74	7.45	4.18	6.35	5.87	9.79	34.33	38.82	75.16	3.06
1974-75	3.88	-2.12	0.53	-0.46	10.04	56.86	-88.52	76.70	35.63
1975-76	3.25	4.47	1.39	4.65	1.45	49.63	40.40	57.45	24.50
1976-77	2.84	2.53	1.81	2.70	3.03	20.43	16.03	11.07	19.99
1977-78	7.73	2.82	10.21	5.63	10.51	9.26	9.61	15.46	11.94
1978-79	5.53	3.10	8.01	5.07	6.11	11.33	9.13	7.93	11.94
1979-80	7.33	6.61	10.26	8.46	5.91	24.05	24.81	20.88	32.90
1980-81	6.40	3.66	10.63	6.26	6.58	9.83	4.77	-1.22	13.06
1981-82	7.56	4.72	13.75	15.09	7.90	19.62	14.43	19.77	7.97
1982-83	6.79	4.40	7.03	4.64	9.24	9.63	13.14	11.98	14.69
1983-84	3.97	-4.82	7.89	0.38	7.61	12.04	12.07	7.97	17.42
1984-85	8.71	10.92	8.09	9.45	8.21	12.81	12.59	11.35	14.07
1985-86	6.36	5.95	7.55	6.94	5.77	11.58	12.35	13.07	11.49
1986-87	5.81	3.25	7.53	5.76	5.86	13.46	14.27	17.03	10.99
1987-88	6.44	2.73	9.98	6.12	6.77	11.07	11.22	6.83	16.73
1988-89	4.81	6.87	3.96	5.77	3.81	19.65	19.69	15.99	23.94
1989-90	4.58	3.03	5.72	4.69	4.48	11.34	11.19	3.63	19.33
1990-91	5.57	4.96	6.25	5.91	5.21	19.35	19.97	20.85	19.15
1991-92	7.71	9.50	8.05	8.61	6.76	26.16	26.86	23.21	30.31
1992-93	2.27	-5.29	5.35	0.09	4.63	13.80	13.88	14.46	13.37
1993-94	4.54	5.23	5.48	4.87	4.20	10.01	9.47	7.05	11.57
1994-95	5.24	6.57	3.60	5.66	4.80	13.42	13.31	18.85	8.51
1995-96	4.19	5.80	4.80	5.60	4.76	16.68	15.96	13.02	18.75
1996-97	1.30	0.06	1.19	0.54	2.10	3.75	3.03	-5.28	10.56
1997-98	5.40	5.90	6.96	6.08	4.77	13.83	6.51	-2.97	13.86

Source : Federal Bureau of Statistics

Table 3.2 NATIONAL INCOME ACCOUNTS AT CONSTANT PRICES OF 1980-81
(Expenditure Approach)

(Rs. Million)

Year	Per Capita GNP (Mp) Rs.	GNP (Mp)	Net Factor Income From Abroad	GDP (Mp)	Indirect Taxes	Subsidies	GDP (Fc)	Total Consumption	Total Investment	Export of G&NFS	Import of G&NFS
1959-60	1760	79262	-185	79447	1039	11	78419	72329	16634	9416	18931
1960-61	1799	83098	-202	83300	1244	29	82085	76991	19009	8614	21314
1961-62	1848	87830	-218	88048	1406	51	86693	77437	21866	9489	20744
1962-63	1920	93880	-387	94267	1591	61	92737	77413	27856	12686	23688
1963-64	1994	100342	-274	100616	1759	45	98902	81481	30658	13473	24996
1964-65	2117	109583	-492	110075	2010	194	108259	97486	31133	13488	32031
1965-66	2199	117112	-379	117491	2186	212	115517	95501	34265	14068	26344
1966-67	2227	121766	-387	122153	2504	182	119831	103385	34135	16553	31919
1967-68	2307	130033	-185	130218	2289	168	128097	111321	30038	18772	29913
1968-69	2385	138347	-234	138581	2781	172	135972	120687	28661	18809	29576
1969-70	2541	151690	16	151674	3507	176	148343	122321	35904	26571	33122
1970-71	2485	152804	-580	153384	3625	141	149900	126014	35140	27173	34943
1971-72	2695	170721	572	170149	17931	800	153018	142631	33005	23351	28838
1972-73	2770	182537	1459	181078	19343	1527	163262	146590	33281	29893	28686
1973-74	2812	190942	1483	189459	21813	7066	174712	161928	35229	27004	34702
1974-75	2806	196393	2080	194313	21081	7172	180404	173828	37157	22940	39612
1975-76	2906	209606	5731	203875	22330	4934	186479	177904	44833	24439	43302
1976-77	2991	222290	10439	211851	22888	2754	191717	186116	49811	21007	45083
1977-78	3272	250662	21563	229099	26565	4212	206746	206340	49494	23682	50417
1978-79	3353	264664	24715	239949	30563	8872	218258	229254	49357	24630	63292
1979-80	3513	285817	25409	260408	34308	7245	233345	245065	50500	31216	66373
1980-81	3589	300888	22692	278196	35562	5197	247831	252411	52207	35707	62129
1981-82	3693	319265	22882	296383	34873	5161	266571	264983	59665	33570	61835
1982-83	3921	349473	33000	316473	38447	6641	284667	279931	63426	41819	68703
1983-84	3963	364133	31630	332503	43038	6512	295977	299441	66459	40275	73672
1984-85	4081	386561	28814	357747	43103	7102	321751	324640	73218	40130	80241
1985-86	4185	408711	31282	377429	42501	7296	342224	326020	76379	53296	78266
1986-87	4254	428357	26575	401782	44800	5128	362110	342164	79575	59868	79825
1987-88	4330	449519	17100	432419	53406	6403	385416	373863	78551	57112	77107
1988-89	4380	468799	14933	453866	57269	7351	403948	387964	84447	64979	83524
1989-90	4451	491265	17163	474101	58359	6741	422484	400201	88791	65710	80601
1990-91	4477	509417	9457	499960	59345	5390	446005	397020	89879	87700	74639
1991-92	4638	544080	4949	539131	63722	5004	480413	436652	100318	99821	97660
1992-93	4578	553189	3734	549455	62156	4026	491325	455388	105088	101136	112157
1993-94	4598	572178	1319	570859	60458	3234	513635	462300	104333	104282	100056
1994-95	4719	604117	4031	600086	61584	2026	540528	494398	108641	101075	104028
1995-96	4754	626921	-1856	628177	63431	3847	568593	528854	114487	103005	118169
1996-97	4589	621831	-4086	625924	53110	3183	575999	539600	106526	96297	116499

Note: i: Calculations are made by splicing method. ii: Prior to 1959-60, aggregate figures of GDP/GNP were estimated on industrial origin basis & were not based on expenditure approach

Source: Federal Bureau of Statistics

Table 3.3 NATIONAL INCOME ACCOUNTS AT CURRENT FACTOR COST
(Expenditure Approach)

Rs.Million

Year	Per Capita GNP (Mp) Rs.	One $ = Rs.	Per Capita GNP (Mp) $.	GNP (Mp)	Net Factor Income From Abroad	GDP (Mp)	Indirect Taxes	Subsidies	GDP (Fc)	Total Consumption	Total Investment	Export of G&NFS	Import of G&NFS
1959-60	405	4.76	85	18257	-23	18280	1039	11	17252	16702	2657	1281	2360
1960-61	434	4.76	91	20032	-26	20058	1293	30	18795	18541	3047	1219	2749
1961-62	440	4.76	92	20919	-27	20946	1438	52	19560	19019	3506	1375	2954
1962-63	458	4.76	96	22406	-49	22455	1632	62	20885	19675	4464	1803	3487
1963-64	500	4.76	105	25157	-35	25192	1890	49	23351	21369	5727	1914	3818
1964-65	544	4.76	114	28669	-55	28724	2250	217	26691	24471	7056	1992	4795
1965-66	595	4.76	125	31690	-50	31740	2520	245	29465	26935	6485	2158	3838
1966-67	659	4.76	138	36126	-48	36174	3154	230	33250	31112	7417	2460	4815
1967-68	692	4.76	145	38985	-23	39008	2971	217	36254	33824	6764	2862	4442
1968-69	723	4.76	152	41945	-30	41975	3586	222	38611	36621	6858	2862	4366
1969-70	809	4.76	170	48298	3	48295	4636	232	43891	41307	8293	3637	4942
1970-71	834	4.76	175	51273	-82	51355	4978	193	46570	46077	8679	3922	5323
1971-72	874	4.76	184	55367	99	55268	5117	228	50379	47645	8427	3923	4727
1972-73	1043	7.33	142	68716	463	68253	6600	522	62175	58381	9509	9961	9598
1973-74	1319	9.91	133	89532	617	88915	9486	3074	82503	79385	12772	11960	15202
1974-75	1618	9.91	163	113201	1147	112054	11560	3934	104428	102041	20035	12994	23016
1975-76	1862	9.91	188	134322	2992	131330	13642	3014	120702	116847	26456	13881	23854
1976-77	2106	9.91	213	156522	5480	151042	15650	1884	137278	132058	31734	13991	26741
1977-78	2481	9.91	250	190043	12139	177904	19604	3110	161410	159228	34647	16629	32600
1978-79	2673	9.91	270	211004	14533	196471	24058	6987	179400	179117	38354	21529	42529
1979-80	3115	9.91	314	253452	18284	235168	30333	6407	211242	212594	47667	29485	54578
1980-81	3589	9.91	362	300888	22692	278196	35562	5197	247831	252411	52207	35707	62129
1981-82	4043	9.91	408	349508	25349	324159	37440	5434	292153	297180	62447	33033	68501
1982-83	4531	12.71	356	403782	39395	364387	43487	7512	328412	333548	68462	44395	82018
1983-84	5000	13.48	371	459397	39595	419802	53557	8104	374349	387488	76701	47835	92222
1984-85	5389	15.15	356	510468	38311	472157	56396	9303	425064	442472	86525	49889	106729
1985-86	5692	16.14	353	555891	41359	514532	58205	9992	466319	458194	96545	63268	103475
1986-87	6046	17.18	352	608857	36378	572479	64422	7374	515431	493156	109540	79056	109273
1987-88	6786	17.60	386	704484	29095	675389	84494	10130	601025	591319	121666	93601	131197
1988-89	7453	19.22	388	797750	28005	769745	99361	12754	683138	672498	145570	108318	156641
1989-90	8090	21.45	377	892843	36900	855943	108641	12549	759854	740577	162076	126583	173293
1990-91	9180	22.42	409	1044508	23908	1020600	123437	11211	908374	843023	193446	172812	188681
1991-92	10433	24.84	420	1223922	12537	1211385	144815	11373	1077943	1005521	244060	209215	247411
1992-93	11186	25.96	431	1351589	9960	1341629	151300	9800	1200129	1145659	277744	217372	299146
1993-94	12672	30.16	420	1577085	3988	1573097	169295	9056	1412858	1310738	305477	254187	297305
1994-95	14812	30.85	480	1896114	14043	1882071	200544	6599	1688126	1586182	346508	311795	362414
1995-96	16383	33.57	488	2158462	-7136	2165398	227858	13820	2165598	1858096	403417	358375	454290
1996-97	17604	38.99	452	2385506	-191277	2404633	215636	12931	2404633	2100946	418549	390290	505152

Note: Calculations are made by splicing method $ conversion is based on yearly average rates

Table 3.4a NATIONAL ACCOUNTS BY INDUSTRIAL ORIGIN
(At Constant Factor Cost of 1980-81)

(Rs. Million)

Sector	1949-50	50-51	51-52	52-53	53-54	54-55	55-56	56-57
Agriculture	30483	31260	28672	28718	33006	32088	32834	33496
Major Crops	14355	14757	12119	11754	14819	14493	14757	15284
Minor Crops	5091	5228	4974	5240	6151	5321	5463	5277
Livestock	9995	10241	10492	10743	10994	11241	11492	11743
Fishing	775	775	863	687	757	757	898	898
Forestry	268	259	224	294	285	276	224	294
Industrial Sector	4656	5045	5631	6125	6860	7557	8347	8834
Mining & Quarrying	100	138	153	156	167	167	186	205
Manufacturing	3707	4018	4329	4760	5378	6042	6649	7010
Large-scale	1063	1312	1558	1927	2479	3078	3615	3907
Small-scale	2644	2706	2771	2833	2899	2964	3034	3104
Construction	754	788	1041	1104	1193	1218	1361	1420
Electricity & Gas Dist.	94	101	108	105	122	129	150	199
Services Sector	22834	23884	24842	25401	26417	27738	28554	29436
Transport, St. & Comm.	3910	4144	4227	4569	4841	5215	5354	5564
Wholesale & Ret. Trade	6995	7421	7459	7507	7980	8416	8610	8885
Finance & Insurance	255	278	306	329	357	366	445	547
Ownership of Dwellings	4346	4463	4608	4718	4841	4986	5123	5288
Public Admn. & Defence	2918	2992	3473	3319	3239	3389	3443	3353
Social, C & P services	4410	4585	4770	4959	5158	5366	5578	5800
Gross Domestic Product (FC)	57973	60188	59145	60243	66283	67383	69735	71766
Indirect Taxes								
Subsidies								
Gross Domestic Product (MP)	57973	60188	59145	60243	66283	67383	69735	71766
Net Factor Income from Abroad	-145	-145	-89	-105	-218	-32	-161	-137
Gross National Product (FC)	57828	60043	59057	60139	66066	67351	69573	71629
Gross National Product (MP)	57828	60043	59057	60139	66066	67351	69573	71629
Population (in million)	35.31	36.18	37.07	37.98	38.91	39.87	40.86	41.87
Per Capita Income (Rs., FC)	1638	1660	1593	1583	1698	1689	1703	1711
Per Capita Income (Rs., MP)	1638	1660	1593	1583	1698	1689	1703	1711

Note: Calculations are made by splicing method.

Contd.

Table 3.4a NATIONAL ACCOUNTS BY INDUSTRIAL ORIGIN
(At Constant Factor Cost of 1980-81)

(Rs. Million)

S ector	1957-58	58-59	59-60	60-61	61-62	62-63	63-64	64-65
Agriculture	34190	35474	35770	35630	37782	39636	41154	43209
Major Crops	15469	16461	16256	16080	17625	19241	18881	20468
Minor Crops	5475	5519	5531	5382	5686	5519	6993	6999
Livestock	11994	12240	12491	12711	12945	13191	13420	13742
Fishing	916	986	1251	1180	1233	1356	1497	1603
Forestry	337	268	242	276	294	328	363	397
Industrial Sector	9338	9979	10132	11993	13108	14773	16988	18904
Mining & Quarrying	220	238	260	301	320	357	420	454
Manufacturing	7272	7576	7768	8766	9930	11040	12292	13513
Large-scale	4099	4329	4448	5350	6413	7422	8570	9682
Small-scale	3173	3247	3320	3417	3517	3618	3722	3830
Construction	1627	1935	1800	2579	2512	2950	3781	4337
Electricity & Gas Dist.	220	230	304	346	346	426	496	600
Services Sector	30121	32245	32518	34462	35804	38328	40759	46147
Transport, St. & Comm.	5640	6742	6032	6710	6533	7236	7452	10063
Wholesale & Ret. Trade	9183	9415	9970	10661	11495	12622	13900	14995
Finance & Insurance	538	607	742	816	885	987	1075	1483
Ownership of Dwellings	5447	5605	5756	5900	6107	6299	6485	6712
Public Admn. & Defence	3279	3600	3503	3550	3687	3791	4158	4897
Social, C & P services	6035	6275	6515	6825	7097	7393	7688	7997
Gross Domestic Product (FC)	73650	77697	78420	82085	86693	92737	98902	108260
Indirect Taxes			1039	1244	1406	1591	1759	2010
Subsidies			11	29	51	61	45	194
Gross Domestic Product (MP)	73650	77697	79448	83300	88048	94267	100616	110076
Net Factor Income from Abroad	-32	-81	-185	-202	-218	-387	-274	-492
Gross National Product (FC)	73617	77617	78235	81884	86476	92350	98628	107768
Gross National Product (MP)	73617	77617	79263	83099	87831	93880	100342	109584
Population (in million)	42.9	43.95	45.03	46.20	47.53	48.90	50.31	51.76
Per Capita Income (Rs., FC)	1716	1766	1737	1772	1819	1889	1960	2082
Per Capita Income (Rs., MP)	1716	1766	1760	1799	1848	1920	1994	2117

Note: Calculations are made by splicing method.

Contd.

Table 3.4a NATIONAL ACCOUNTS BY INDUSTRIAL ORIGIN
(At Constant Factor Cost of 1980-81)

(Rs. Million)

Sector	1965-66	66-67	67-68	68-69	69-70	70-71	71-72	72-73
Agriculture	43580	46195	51582	53724	58625	56990	58566	59563
Major Crops	20188	21511	25451	26833	31628	29501	30719	31293
Minor Crops	7259	7953	8709	9390	8442	8783	9334	9155
Livestock	13993	14274	14560	14851	15146	15450	15758	16075
Fishing	1709	2008	2378	2131	2994	2730	2202	2255
Forestry	432	449	483	518	414	527	553	786
Industrial Sector	20403	21099	22152	24862	28472	30247	29705	32789
Mining & Quarrying	495	495	510	525	584	580	592	599
Manufacturing	14673	15502	16489	17910	19937	21221	21489	23364
Large-scale	10730	11444	12315	13616	15516	16475	16398	17903
Small-scale	3942	4058	4174	4294	4422	4746	5090	5461
Construction	4548	4379	4371	5551	5719	5858	4902	5673
Electricity & Gas Dist.	688	723	782	876	2231	2587	2723	3153
Services Sector	51533	52538	54364	57387	61246	62662	64747	70911
Transport, St. & Comm.	10696	11159	11761	12451	12838	12553	12857	14948
Wholesale & Ret. Trade	16292	17149	17779	19039	21109	21625	22099	23363
Finance & Insurance	1646	1854	2072	2248	2684	2944	2967	3829
Ownership of Dwellings	6918	7145	7338	7558	7647	7902	8170	8466
Public Admn. & Defence	7665	6558	6391	6712	6953	7130	7615	8688
Social, C & P services	8316	8672	9023	9378	10015	10509	11040	11618
Gross Domestic Product (FC)	115516	119832	128097	135972	148343	149900	153018	163263
Indirect Taxes	2186	2504	2289	2781	3507	3625	17931	19343
Subsidies	212	182	168	172	176	141	800	1527
Gross Domestic Product (MP)	117490	122154	130218	138581	151674	153384	170149	181078
Net Factor Income from Abroad	-379	-387	-185	-234	16	-580	572	1459
Gross National Product (FC)	115137	119445	127912	135739	148359	149320	153591	164722
Gross National Product (MP)	117111	121767	130033	138348	151690	152804	170721	182537
Population (in million)	53.26	54.79	56.37	58.00	59.70	61.49	63.34	65.89
Per Capita Income (Rs., FC)	2162	2180	2269	2340	2485	2428	2425	2500
Per Capita Income (Rs., MP)	2199	2222	2307	2385	2541	2485	2695	2770

Note: Calculations are made by splicing method.

Contd.

Table 3.4a NATIONAL ACCOUNTS BY INDUSTRIAL ORIGIN
(At Constant Factor Cost of 1980-81)

(Rs. Million)

S ector	1973-74	74-75	75-76	76-77	77-78	78-79	79-80
Agriculture	61854	60298	62992	64871	67139	69427	73513
Major Crops	32846	31218	32800	33265	33981	34819	38127
Minor Crops	9817	10400	11391	11892	12152	12530	12920
Livestock	16397	16727	17061	17599	18197	18818	19452
Fishing	2026	1444	1515	1726	2307	2448	2237
Forestry	768	509	224	389	501	812	777
Industrial Sector	35526	36361	38246	39297	43030	46284	51267
Mining & Quarrying	670	673	651	766	789	822	930
Manufacturing	24848	24982	25330	25791	28424	30700	33848
Large-scale	18989	18693	18586	18551	20578	22193	24626
Small-scale	5859	6288	6744	7239	7846	8507	9222
Construction	6280	7392	8825	8750	9474	9993	11143
Electricity & Gas Dist.	3729	3313	3439	3990	4343	4769	5345
Services Sector	77331	83745	85240	87549	96577	102546	108564
Transport, St. & Comm.	15645	16336	16526	16811	19194	20752	22146
Wholesale & Ret. Trade	26622	27441	27915	27825	30567	32523	34943
Finance & Insurance	4075	4664	4817	5211	5823	6198	6082
Ownership of Dwellings	8768	9085	9415	9752	10102	10467	10845
Public Admn. & Defence	9971	13277	12883	13822	15567	16399	17412
Social, C & P services	12250	12943	13686	14129	15325	16207	17135
Gross Domestic Product (FC)	174712	180403	186478	191717	206747	218258	233344
Indirect Taxes	21813	21081	22330	22888	26565	30563	34308
Subsidies	7066	7172	4934	2754	4212	8872	7245
Gross Domestic Product (MP)	189459	194313	203874	211851	229099	239949	260408
Net Factor Income from Abroad	1483	2080	5731	10439	21563	24715	25409
Gross National Product (FC)	176195	182483	192209	202156	228310	242973	258753
Gross National Product (MP)	190942	196392	209605	222290	250663	264664	285816
Population (in million)	67.90	69.98	72.12	74.33	76.60	78.94	81.36
Per Capita Income (Rs., FC)	2595	2608	2665	2720	2981	3078	3180
Per Capita Income (Rs., MP)	2812	2806	2906	2991	3272	3353	3513

Note: Calculations are made by splicing method.

Source: Federal Bureau of Statistics

Table 3.4b GROSS NATIONAL PRODUCT (At Constant Factor Cost Of

Sector	1980-81	81-82	82-83	83-84	84-85	85-86		
Agriculture	76399	80008	83532	79502	88187	93433	9	
Major Crops	39626	41496	42837	36710	43390	46212	469	
Minor Crops	13162	14229	15156	15668	16109	16742	1731	
Livestock	20139	20770	21664	22956	24356	25865	27351	
Fishing	2695	2713	2963	3130	3293	3544	3650	
Forestry	777	800	912	1038	1039	1070	1190	
Industrial Sector	56013	62028	65091	69688	75147	81234	88257	9
Mining & Quarrying	1053	1167	1164	1181	1340	1657	1782	2
Manufacturing	37446	42596	45592	49187	53166	57180	61484	676
Large-scale	27451	31761	33847	36455	39365	42220	45267	5004
Small-scale	9995	10835	11745	12732	13801	14960	16217	17579
Construction	11586	12242	11910	12025	13155	14035	15784	16563
Electricity & Gas Dist.	5928	6023	6425	7295	7486	8362	9207	10711
Services Sector	115419	124535	136044	146787	158417	167557	177380	189383
Transport, St. & Comm.	23927	25910	27971	30283	32688	34305	36785	39293
Wholesale & Ret. Trade	37330	40957	44397	46440	51876	55361	58661	63932
Finance & Insurance	5549	6491	7498	8767	8752	9057	9111	9452
Ownership of Dwellings	11237	12341	14125	16200	17849	18791	19784	20828
Public Admn. & Defence	19257	19534	21490	23192	23916	25183	26556	27666
Social, C & P services	18119	19302	20563	21905	23336	24860	26483	28212
Gross Domestic Product (FC)	247831	266571	284667	295977	321751	342224	362110	385416
Indirect Taxes	35562	34873	38447	43038	43103	42501	44800	53406
Subsidies	5197	5061	6641	6512	7107	7296	5128	6403
Gross Domestic Product (MP)	278196	296383	316473	332503	357747	377429	401782	432419
Net Factor Income from Abroad	22692	22882	33000	31630	28814	31282	26575	17100
Gross National Product (FC)	270523	289453	317667	327607	350565	373506	388685	402516
Gross National Product (MP)	300888	319265	349473	364133	386561	408711	428357	449519
Population (in million)	83.84	86.44	89.12	91.88	94.73	97.67	100.7	103.82
Per Capita Income (Rs., FC)	3227	3349	3564	3566	3701	3824	3860	3877
Per Capita Income (Rs., MP)	3589	3693	3921	3963	4081	4185	4254	4330

Cont.

Table 3.4b GROSS NATIONAL PRODUCT (At Constant Factor Cost Of 1980-81)

(Rs. Million)

Sector	88-89	89-90	90-91	91-92	92-93	93-94	94-95	95-96	96-97 R
Agriculture	105917	109127	114542	125425	118795	125005	133215	140946	141032
Major Crops	51842	51795	54741	63213	53354	54018	58714	62211	59235
Minor Crops	18205	19147	19820	20290	21092	23754	25395	26636	26934
Livestock	30614	32481	34105	36133	38308	40599	42848	46286	48762
Fishing	3999	4325	4430	4650	4909	5442	5047	4904	5139
Forestry	1257	1379	1446	1139	1132	1192	1211	909	962
Industrial Sector	101433	107955	115359	124278	131129	137085	143699	151475	152982
Mining & Quarrying	2071	2269	2504	2565	2642	2765	2646	2833	2886
Manufacturing	70300	74324	78969	85324	89889	94816	98228	102939	104161
Large-scale	51244	53667	56577	61051	63577	66294	67310	69424	67831
Small-scale	19056	20657	22392	24273	26312	28522	30918	33515	36330
Construction	16937	17466	18462	19566	20701	21040	21253	21944	22183
Electricity & Gas Dist.	12125	13896	15424	16823	17897	18464	21572	23759	23752
Services Sector	196598	205402	216104	230710	241401	251545	263614	276172	281985
Transport, St. & Comm.	37716	40184	42719	47189	50333	52183	54342	54798	55165
Wholesale & Ret. Trade	67305	69655	73380	78760	81061	83377	87245	42852	93555
Finance & Insurance	9743	9793	9913	10343	11065	12629	13426	14372	13597
Ownership of Dwellings	21928	23086	24305	25588	26939	28361	29858	31435	33095
Public Admn. & Defence	29852	30667	31679	32495	33295	33759	34814	35917	36719
Social, C & P services	30054	32017	34108	36335	38708	41236	43929	46798	49854
Gross Domestic Product (FC)	403948	422484	446005	480413	491325	513635	540528	568593	575999
Indirect Taxes	57269	58359	59345	63722	62156	60458	61584	63431	53110
Subsidies	7351	6741	5390	5004	4026	3234	2026	3847	3185
Gross Domestic Product(MP)	453866	474102	499960	539131	549455	570859	600086	628177	625924
Net Factor Income from Abroad	14933	17163	9457	4949	3734	1319	4031	-1856	-4086
Gross National Product (FC)	418881	439647	455462	485362	495059	514954	544559	566737	571913
Gross National Product (MP)	468799	491265	509417	544080	553189	572178	604117	626321	621838
Population (in million)	107.04	110.36	113.78	117.31	120.83	124.45	128.01	131.75	135.51
Per Capita Income (Rs., FC)	3913	3984	4003	4137	4097	4138	4254	4302	4220
Per Capita Income (Rs., MP)	4380	4451	4477	4638	4578	4598	4719	4754	4589

R Revised

Source: Federal Bureau of Statistics

Table 3.5a NATIONAL ACCOUNTS BY INDUSTRIAL ORIGIN
(At Current Factor Cost)

(Rs. Million)

Sector	1959-60	60-61	61-62	62-63	63-64	64-65	65-66
Agriculture	8186	8689	8733	9094	10085	11052	11227
Major Crops	3812	4037	4005	4282	4866	5617	5567
Minor Crops	1049	1057	1070	1015	1351	1581	1701
Livestock	3158	3411	3462	3566	3605	3561	3623
Fishing	126	140	147	173	205	225	244
Forestry	41	44	48	57	59	68	93
Industrial Sector	2407	2849	3162	3703	4316	4840	5481
Mining & Quarrying	23	28	30	34	40	47	51
Manufacturing	1865	2105	2418	2794	3148	3477	3971
Large-scale	1068	1274	1555	1883	2202	2492	2903
Small-scale	797	831	862	911	946	986	1067
Construction	432	614	609	748	971	1116	1231
Electricity & Gas Dist.	87	102	105	127	157	200	229
Services Sector	6658	7257	7665	8095	8949	10799	12757
Tpt., St. & Comm.	1176	1356	1377	1482	1587	2285	2482
W. & Ret. Trade	1943	2142	2313	2498	2917	3407	3785
Finance & Insurance	160	186	206	226	257	348	398
Ownership of Dwellings	1132	1183	1250	1289	1352	1465	1605
Public Admn. & Defence	1048	1111	1160	1206	1344	1658	2687
Social, C & P services	1199	1279	1359	1393	1492	1636	1800
Gross Domestic Product (FC)	17252	18795	19560	20892	23351	26691	29465
Indirect Taxes	1039	1293	1438	1625	1890	2250	2520
Subsidies	11	30	52	62	49	217	245
Gross Domestic Product (MP)	18280	20058	20946	22455	25192	28724	31740
Net Factor Income from Abroad	-23	-26	-27	-49	-35	-55	-50
Gross National Product (FC)	17229	18769	19533	20843	23316	26636	29415
Gross National Product (MP)	18257	20032	20919	22406	25157	28669	31690
Population (in million)	45.03	46.20	47.53	48.90	50.31	51.76	53.26
Per Capita Income in Rupees.(FC)	383	406	411	426	463	515	552
Per Capita Income in Rupees.(MP)	405	434	440	458	500	554	595

Note: Calculations are made by splicing method

Contd.

Table 3.5a NATIONAL ACCOUNTS BY INDUSTRIAL ORIGIN
(At Current Factor Cost)

(Rs. Million)

Sector	66-67	67-68	68-69	69-70	70-71	71-72	72-73
Agriculture	13249	14886	14886	16882	17262	19025	23254
Major Crops	6485	7197	7331	8939	8673	9885	12123
Minor Crops	2283	2537	2008	2349	2636	2829	3328
Livestock	4106	4738	5138	5062	5337	5625	6868
Fishing	267	281	262	412	462	522	671
Forestry	109	134	147	120	154	163	264
Industrial Sector	5909	6441	7680	9009	9994	10108	12605
Mining & Quarrying	53	55	61	77	81	90	129
Manufacturing	4356	4818	5581	6428	7128	7412	9196
Large-scale	3216	3598	4242	5003	5533	5656	7046
Small-scale	1141	1219	1338	1425	1594	1756	2149
Construction	1231	1277	1729	1844	2003	1784	2325
Electricity & Gas Dist.	269	291	309	661	782	823	955
Services Sector	14092	14927	16046	17999	19314	21246	26315
Tpt., St. & Comm.	2872	3118	3341	3635	3727	4023	5272
W. & Ret. Trade	4419	4723	5113	5978	6420	6914	8241
Finance & Insurance	490	557	625	771	882	968	1408
Ownership of Dwellings	1812	1897	2050	2183	2369	2587	3025
Public Admn. & Defence	2464	2483	2645	2769	2963	3445	4430
Social, C & P services	2035	2148	2271	2663	2953	3309	3939
Gross Domestic Product (FC)	33250	36254	38611	43891	46570	50379	62175
Indirect Taxes	3154	2971	3586	4636	4978	5117	6600
Subsidies	230	217	222	232	193	228	522
Gross Domestic Product (MP)	36174	39008	41975	48295	51355	55268	68253
Net Factor Income from Abroad	-48	-23	-30	3	-82	99	463
Gross National Product (FC)	33202	36231	38581	43894	46488	50478	62638
Gross National Product (MP)	36126	38985	41945	48298	51273	55367	68716
Population (in million)	54.79	56.37	58.00	59.70	61.49	63.34	65.89
Per Capita Income in Rupees.(FC)	606	643	665	735	756	797	951
Per Capita Income in Rupees.(MP)	659	692	723	809	834	874	1043

Note: Calculations are made by splicing method

Contd.

Table 3.5a NATIONAL ACCOUNTS BY INDUSTRIAL ORIGIN
(At Current Factor Cost)

(Rs. Million)

Sector	73-74	74-75	75-76	76-77	77-78	78-79	79-80
Agriculture	29887	35581	40700	46992	54066	57842	66181
Major Crops	15054	17938	20201	22035	26256	28631	33466
Minor Crops	4437	5878	7084	8465	9613	10172	11645
Livestock	9181	10720	12391	14869	15889	16501	18556
Fishing	842	678	791	1194	1706	1885	1800
Forestry	372	367	234	429	604	654	714
Industrial Sector	17111	21254	25300	28772	33788	38915	48330
Mining & Quarrying	187	265	324	428	440	490	749
Manufacturing	12556	14669	16444	18825	22122	25246	30744
Large-scale	9595	10976	12066	13541	16016	18250	22367
Small-scale	2960	3693	4378	5284	6107	6996	8376
Construction	3151	5056	6820	7603	8778	9783	12048
Electricity & Gas Dist.	1217	1264	1713	1916	2448	3397	4789
Services Sector	35505	47593	54701	61512	73556	82643	96731
Tpt., St. & Comm.	6911	9158	10313	11448	13936	16282	19129
W. & Ret. Trade	11758	15382	17417	19435	23044	26153	31080
Finance & Insurance	1801	2612	3021	3573	4273	4931	5356
Ownership of Dwellings	3879	5093	5891	6820	7615	8413	9652
Public Admn. & Defence	5750	8113	9490	10371	13155	13859	16263
Social, C & P services	5406	7234	8569	9864	11532	13005	15251
Gross Domestic Product (FC)	82503	104428	120702	137276	161410	179400	211242
Indirect Taxes	9486	11560	13642	15650	19604	24058	30333
Subsidies	3074	3934	3014	1884	3110	6987	6407
Gross Domestic Product (MP)	88915	112054	131330	151042	177904	196471	235168
Net Factor Income from Abroad	617	1147	2992	5480	12139	14533	18284
Gross National Product (FC)	83120	105575	123694	142756	173549	193933	229526
Gross National Product (MP)	89532	113201	134322	156522	190043	211004	253452
Population (in million)	67.90	69.98	72.12	74.33	76.60	78.94	81.36
Per Capita Income in Rupees.(FC)	1224	1509	1715	1921	2266	2457	2821
Per Capita Income in Rupees.(MP)	1319	1618	1862	2106	2481	2673	3115

Note: Calculations are made by splicing method

Source: Federal Bureau of Statistics

Table 3.5b GROSS NATIONAL PRODUCT (At Current Factor Cost)

(Rs. Million)

Sector	80-81	81-82	82-83	83-84	84-85	85-86	86-87	87-88
Agriculture	76399	92216	99380	104550	121293	128801	135308	156375
Major Crops	39626	46249	50147	44903	53797	58102	59199	64934
Minor Crops	13162	19518	18410	23742	26329	24723	24162	27864
Livestock	20139	22810	26740	31396	36391	40858	46450	57438
Fishing	2695	2804	3111	3347	3524	3793	3960	4492
Forestry	777	835	972	1162	1252	1325	1537	1647
Industrial Sector	56013	65020	72492	84983	95516	108853	123828	146527
Min.& Quarrying	1053	1215	1342	1599	2064	3281	3681	4811
Manufacturing	37446	44197	50200	60398	67596	75881	85850	100917
Large-scale	27451	33098	37357	45518	49856	54823	61826	73248
Small-scale	9995	11099	12843	14880	17740	21058	24024	27669
Construction	11586	13172	13666	14716	17116	19052	22508	25109
Elect.& Gas Dist.	5928	6436	7284	8270	8740	10639	11789	15690
Services Sector	115419	134917	156540	184816	208255	228665	256295	298123
Tpt., St. & Comm.	23927	27425	31092	35199	38219	41196	44624	51047
W. & Ret. Trade	37330	44165	49957	58221	67632	72742	80886	100585
Fin.& Insurance	5549	7311	9383	12079	13370	14855	16334	18496
Own.of Dwellings	11237	13094	15734	18836	21535	23462	25472	27776
P. Admn. & Def.	19257	21466	26467	33133	36714	42053	51018	57309
Soc., C & P ser.	18119	21456	23907	27348	30785	34357	37961	42910
Gross Domestic Product (FC)	247831	292153	328412	374349	425064	466319	515431	601025
Indirect Taxes	35562	37440	43487	53557	56396	58205	64422	84494
Subsidies	5197	5434	7512	8104	9303	9992	7374	10130
Gross Domestic Product (MP)	278196	324159	364387	419802	472157	514532	572479	675389
Net Factor Income from Abroad	22692	25349	39395	39595	38311	41359	36378	29095
Gross National Product (FC)	270523	317502	367807	413944	463375	507678	551809	630120
Gross National Product (MP)	300888	349508	403782	459397	510468	555891	608857	704484
Population (in million)	84	86	89	92	95	98	101	104
Per Capita Income(Rs. FC)	3227	3673	4127	4505	4892	5198	5480	6069
Per Capita Income (Rs. MP)	3589	4043	4531	5000	5389	5692	6046	6786

Cont.

Table 3.5b GROSS NATIONAL PRODUCT (At Current Factor Cost)

(Rs. Million)

Sector	88-89	89-90	90-91	91-92	92-93	93-94	94-95	95-96	96-97 R
Agriculture	184074	197441	233130	282374	297814	357924	437034	491791	544809
Major Crops	75804	82929	94570	125441	116209	139480	177969	191473	200376
Minor Crops	35938	32136	43562	46525	51513	63467	72022	86438	90716
Livestock	65038	74237	86219	100726	117792	141683	173047	199432	237436
Fishing	5442	5792	6072	7158	9536	10097	10450	11501	12706
Forestry	1852	2347	2707	2524	2764	3197	3546	2947	3575
Industrial Sector	163248	191254	234033	274318	303110	351909	414025	487988	556294
Min.& Quarrying	4932	5403	6437	7117	7403	8664	9007	11272	12933
Manufacturing	113517	132329	158840	186832	207273	247072	288906	331384	382226
Large-scale	80745	93729	112204	130252	142006	171794	200799	226482	255384
Small-scale	32772	38600	46636	56580	65267	75278	88107	104902	126842
Construction	27706	32052	38172	43812	49807	55246	60985	70769	81338
Elect.& Gas Dist.	17093	21470	30584	36557	38627	40927	55127	74563	79797
Services Sector	335816	371156	441211	521251	599205	703025	837067	971781	1100825
Tpt., St. & Comm.	54316	60487	77709	100956	127508	149288	170857	186091	213746
W. & Ret. Trade	115810	129135	152017	178040	195301	229399	275290	321288	366888
Fin.& Insurance	20060	21434	26967	30672	35428	47024	56105	66437	67129
Own.of Dwellings	30243	34126	39624	46207	53652	62011	72164	83067	96323
P. Admn. & Def.	65179	69115	76518	85472	94560	105298	130701	159164	171252
Soc., C & P ser.	50208	56859	68376	79904	92756	110005	131950	155734	185487
Gross Domestic Product (FC)	683138	759851	908374	1077943	1200129	1412858	1688126	1951560	2201928
Indirect Taxes	99361	108641	123437	144815	151300	169295	200544	227858	215636
Subsidies	12754	12549	11211	11373	9800	9056	6599	13820	12931
Gross Domestic Product (MP)	769745	855943	1020600	1211385	1341629	1573097	1882071	2165598	2404633
Net Factor Income from Abroad	28005	36900	23908	12537	9960	3988	14043	-7136	-19127
Gross National Product (FC)	711143	796751	932282	1090480	1210089	1416846	1702169	1944424	2182801
Gross National Product (MP)	797750	892843	1044508	1223922	1351589	1577085	1896114	2158462	2385506
Population (in million)	107	110	114	117	121	124	128	132	135
Per Capita Income(Rs. FC)	6644	7220	8194	9296	10015	11385	13297	14772	16133
Per Capita Income (Rs. MP)	7453	8090	9180	10433	11186	12672	14812	16398	17631

R Revised

Source: Federal Bureau of Statistics

Table 3.6 REAL GROWTH RATES (%) IN GDP / GNP

Sector	50-51	51-52	52-53	53-54	54-55	55-56	56-57	57-58
Agriculture	2.62	-9.06	0.18	15.23	-2.21	2.09	2.27	1.92
Major Crops	2.80	-17.88	-3.01	26.08	-2.20	1.82	3.58	1.21
Minor Crops	2.68	-4.86	5.35	17.38	-13.49	2.68	-3.40	3.76
Livestock	2.47	2.45	2.39	2.34	2.24	2.23	2.18	2.14
Fishing	0.00	11.36	-20.41	10.26	0.00	18.60	0.00	1.96
Forestry	-3.23	-13.33	30.77	-2.94	-3.03	-18.75	30.77	14.71
Industrial Sector	8.46	11.35	8.81	12.11	10.29	10.46	5.93	5.59
Mining & Quarrying	37.04	10.81	2.44	7.14	0.00	11.11	10.00	7.27
Manufacturing	8.43	7.77	9.97	13.04	12.39	10.07	5.44	3.73
Large-scale	23.47	18.71	23.65	28.69	24.15	17.46	8.07	4.91
Small-scale	2.34	2.43	2.23	2.32	2.27	2.35	2.29	2.24
Construction	4.47	23.09	6.07	8.02	2.12	11.76	4.33	14.54
Electricity & Gas Dist.	7.41	6.90	-3.23	16.67	5.71	16.22	32.56	10.53
Services Sector	4.53	4.82	1.58	3.63	4.97	2.90	2.75	2.12
Transport, St. & Comm.	6.00	1.99	8.10	5.96	7.72	2.67	3.91	1.37
Wholesale & Ret. Trade	6.09	0.51	0.63	6.31	5.46	2.31	3.19	3.36
Finance & Insurance	9.09	10.00	7.58	8.45	2.60	21.52	22.92	-1.69
Ownership of Dwellings	2.69	3.24	2.39	2.62	2.98	2.76	3.22	2.99
Public Admn. & Defence	2.52	16.09	-4.43	-2.42	4.64	1.58	-2.62	-2.19
Social, C & P services	3.98	4.03	3.97	4.00	4.03	3.96	3.97	4.06
Gross Domestic Product (FC)	3.90	-1.82	1.72	10.22	2.03	3.53	2.98	2.54
Indirect Taxes								
Subsidies								
Gross Domestic Product (MP)	3.90	-1.82	1.72	10.22	2.03	3.53	2.98	2.54
Net Factor Income from Abroad	0.00	-38.89	18.18	107.69	-85.19	400.00	-15.00	-76.47
Gross National Product (FC)	3.90	-1.76	1.71	10.12	2.20	3.42	3.00	2.62
Gross National Product (MP)	3.90	-1.76	1.71	10.12	2.20	3.42	3.00	2.62
Population (in million)	2.46	2.46	2.45	2.45	2.47	2.48	2.47	2.46
Per Capita Income in Rupees.(FC)	1.40	-4.12	-0.73	7.49	-0.26	0.91	0.52	0.16
Per Capita Income in Rupees.(MP)	1.40	-4.12	-0.73	7.49	-0.26	0.91	0.52	0.16

Cont.

Table 3.6 REAL GROWTH RATES (%) IN GDP / GNP

Sector	58-59	59-60	60-61	61-62	62-63	63-64	64-65	65-66
Agriculture	4.00	0.29	-0.21	6.19	5.21	1.51	5.25	0.45
Major Crops	6.42	-1.25	-1.08	9.61	9.17	-1.87	8.41	-1.37
Minor Crops	0.79	0.22	-2.69	5.64	-2.94	26.71	0.09	3.72
Livestock	2.06	2.05	1.76	1.84	1.90	1.74	2.40	1.83
Fishing	7.69	26.79	-5.63	4.48	10.00	10.39	7.06	6.59
Forestry	-20.51	-9.68	14.29	6.25	11.76	10.53	9.52	8.70
Industrial Sector	6.68	1.76	17.99	9.51	12.67	14.78	11.25	8.02
Mining & Quarrying	8.47	9.38	15.71	6.17	11.63	17.71	7.96	9.02
Manufacturing	4.18	2.54	12.88	13.30	11.20	11.36	9.95	8.59
Large-scale	5.62	2.75	20.28	19.87	15.74	15.46	12.99	10.82
Small-scale	2.31	2.26	2.91	2.94	2.86	2.88	2.91	2.93
Construction	18.91	-6.97	43.33	-2.61	17.45	28.14	14.72	4.86
Electricity & Gas Dist.	4.76	31.82	13.79	0.00	23.23	16.39	21.13	14.53
Services Sector	6.79	1.23	5.70	4.26	6.88	6.83	12.84	14.45
Transport, St. & Comm.	19.55	-10.53	11.24	-2.64	10.77	2.98	35.03	6.30
Wholesale & Ret. Trade	2.53	5.89	6.94	7.82	9.81	10.13	7.87	8.65
Finance & Insurance	12.93	22.14	10.00	8.52	11.52	8.92	37.93	10.94
Ownership of Dwellings	2.90	2.70	2.51	3.50	3.15	2.95	3.50	3.07
Public Admn. & Defence	9.79	-2.69	1.34	3.86	2.81	9.70	17.77	56.52
Social, C & P services	3.98	3.83	4.75	3.99	4.16	4.00	4.02	3.98
Gross Domestic Product (FC)	5.47	0.88	4.89	6.01	7.19	6.80	9.38	7.56
Indirect Taxes			19.73	13.02	13.16	10.56	14.27	8.76
Subsidies			163.64	75.86	19.61	-26.23	331.11	9.28
Gross Domestic Product (MP)	5.47	7.04	5.66	6.37	7.58	6.87	9.13	7.64
Net Factor Income from Abroad	150.00	130.00	8.70	8.00	77.78	-29.17	79.41	-22.95
Gross National Product (FC)	5.43	0.80	4.89	6.01	7.09	6.57	9.27	7.64
Gross National Product (MP)	5.43	6.96	5.65	6.36	7.49	6.96	9.03	7.72
Population (in million)	2.45	2.46	2.60	2.88	2.88	2.88	2.88	2.90
Per Capita Income in Rupees.(FC)	2.91	-1.62	2.23	3.04	4.09	3.58	6.21	4.61
Per Capita Income in Rupees.(MP)	2.91	4.40	2.98	3.39	4.47	3.96	5.97	4.68

Cont.

Table 3.6 REAL GROWTH RATES (%) IN GDP / GNP

Sector	66-67	67-68	68-69	69-70	70-71	71-72	72-73	73-74
Agriculture	5.48	11.73	4.52	9.55	-3.07	3.47	1.67	4.18
Major Crops	6.55	18.32	5.43	17.87	-6.73	4.13	1.87	4.96
Minor Crops	9.56	9.50	7.82	-10.09	4.04	6.28	-1.92	7.24
Livestock	2.01	2.00	2.00	1.99	2.01	1.99	2.01	2.00
Fishing	17.53	18.42	-10.37	40.50	-8.82	-19.35	2.40	-10.16
Forestry	4.00	7.69	7.14	-20.00	27.08	4.92	42.19	-2.20
Industrial Sector	3.56	5.10	11.97	15.26	6.38	-1.49	10.35	8.41
Mining & Quarrying	0.00	3.01	2.92	11.35	-0.64	1.92	1.26	11.80
Manufacturing	5.66	6.37	8.63	11.33	6.44	1.25	8.75	6.35
Large-scale	6.65	7.61	10.56	13.95	6.18	-0.47	9.17	6.07
Small-scale	2.94	2.86	2.87	2.97	7.34	7.25	7.29	7.29
Construction	-3.71	-0.19	27.00	3.04	2.43	-16.33	15.74	10.70
Electricity & Gas Dist.	5.08	8.21	12.05	154.58	15.96	5.26	15.77	18.27
Services Sector	0.74	3.09	5.62	7.02	2.55	3.55	9.64	9.79
Transport, St. & Comm.	4.32	5.39	5.67	3.10	-2.22	2.42	16.26	4.66
Wholesale & Ret. Trade	5.26	3.67	7.09	10.87	2.45	2.19	5.72	13.95
Finance & Insurance	12.68	11.75	8.50	19.38	9.67	0.79	29.06	6.42
Ownership of Dwellings	3.28	2.69	3.00	1.18	3.33	3.39	3.62	3.57
Public Admn. & Defence	-14.44	-2.55	5.02	3.59	2.55	6.80	14.09	14.77
Social, C & P services	4.28	4.05	3.94	6.79	4.93	5.05	5.23	5.45
Gross Domestic Product (FC)	3.08	6.79	6.49	9.79	1.23	2.32	6.80	7.45
Indirect Taxes	14.55	-8.59	21.49	26.11	3.36	-6.10	7.87	12.77
Subsidies	-14.15	-7.69	2.38	2.33	-19.89	7.80	90.79	362.76
Gross Domestic Product (MP)	4.14	5.52	7.67	11.24	1.55	1.45	6.55	5.32
Net Factor Income from Abroad	2.13	-52.08	26.09	-106.90		-198.61	154.93	1.66
Gross National Product (FC)	3.09	6.90	6.47	9.90	1.00	2.76	7.11	7.42
Gross National Product (MP)	4.15	5.61	7.65	11.35	1.34	1.85	6.84	5.30
Population (in million)	2.87	2.88	2.89	2.93	3.00	3.01	4.03	3.05
Per Capita Income in Rupees.(FC)	0.21	3.90	3.48	6.77	-1.94	-0.24	2.97	4.24
Per Capita Income in Rupees.(MP)	1.24	2.65	4.63	8.18	-1.61	-1.12	2.70	2.19

Cont.

Table 3.6 REAL GROWTH RATES (%) IN GDP / GNP

Sector	74-75	75-76	76-77	77-78	78-79	79-80	80-81
Agriculture	-2.12	4.47	2.53	2.82	3.10	6.61	3.66
Major Crops	-4.96	5.07	1.42	2.15	2.46	9.50	3.93
Minor Crops	5.93	9.53	4.40	2.19	3.11	3.11	1.87
Livestock	2.01	2.00	3.15	3.40	3.41	3.37	3.53
Fishing	-28.70	4.88	13.95	33.67	6.11	-8.63	20.47
Forestry	-33.71	-55.93	73.08	28.89	62.07	-4.26	0.00
Industrial Sector	1.96	4.90	2.95	9.51	7.62	10.77	9.38
Mining & Quarrying	0.56	-3.31	17.71	2.91	4.25	13.12	13.20
Manufacturing	0.53	1.39	1.81	10.21	8.01	10.26	10.63
Large-scale	-1.56	-0.57	-0.19	10.92	7.85	10.96	11.47
Small-scale	7.32	7.25	7.34	8.38	8.42	8.41	8.38
Construction	17.72	19.38	-0.86	8.29	5.47	11.51	3.97
Electricity & Gas Dist.	-11.14	3.79	16.04	8.84	9.81	12.08	10.91
Services Sector	10.04	1.45	3.03	10.51	6.11	5.91	6.58
Transport, St. & Comm.	4.41	1.16	1.73	14.17	8.12	6.72	8.04
Wholesale & Ret. Trade	3.08	1.73	-0.32	9.86	6.40	7.44	6.83
Finance & Insurance	14.45	3.28	8.18	11.74	6.45	-1.87	-8.77
Ownership of Dwellings	3.61	3.63	3.58	3.60	3.61	3.61	3.61
Public Admn. & Defence	33.15	-2.97	7.29	12.62	5.35	6.18	10.60
Social, C & P services	5.65	5.74	3.24	8.46	5.75	5.73	5.74
Gross Domestic Product (FC)	3.88	3.25	2.84	7.73	5.53	7.33	6.40
Indirect Taxes	-3.36	5.92	2.50	16.06	15.05	12.25	3.65
Subsidies	1.49	-31.20	-44.18	52.96	110.63	-18.34	-28.27
Gross Domestic Product (MP)	3.23	4.61	3.80	8.00	4.81	8.70	6.93
Net Factor Income from Abroad	40.22	175.58	82.14	106.56	14.62	2.80	-10.69
Gross National Product (FC)	4.05	4.36	4.19	10.66	6.03	7.06	5.42
Gross National Product (MP)	3.39	5.64	5.03	10.69	5.30	8.37	6.00
Population (in million)	3.06	3.06	3.06	3.05	3.05	3.07	3.05
Per Capita Income in Rupees.(FC)	0.96	1.26	1.09	7.38	2.89	3.87	2.30
Per Capita Income in Rupees.(MP)	0.32	2.50	1.91	7.41	2.18	5.15	2.87

Cont.

Table 3.6 REAL GROWTH RATES (%) IN GDP / GNP

Sector	81-82	82-83	83-84	84-85	85-86	86-87	87-88	88-89
Agriculture	4.72	4.40	-4.82	10.92	5.95	3.25	2.73	6.87
Major Crops	4.72	3.23	-14.30	18.20	6.50	1.63	3.17	7.00
Minor Crops	8.11	6.51	3.38	2.81	3.93	3.43	-3.24	8.65
Livestock	3.13	4.30	5.96	6.10	6.20	5.75	5.69	5.91
Fishing	0.67	9.21	5.64	5.21	7.62	2.99	3.45	5.91
Forestry	2.96	14.00	13.82	0.10	2.98	11.21	2.35	3.20
Industrial Sector	10.74	4.94	7.06	7.83	8.10	8.65	9.82	4.65
Mining & Quarrying	10.83	-0.26	1.46	13.46	23.66	7.54	13.86	2.07
Manufacturing	13.75	7.03	7.89	8.09	7.55	7.53	9.98	3.96
Large-scale	15.70	6.57	7.71	7.98	7.25	7.22	10.55	2.40
Small-scale	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40
Construction	5.66	-2.71	0.94	9.40	6.69	12.46	4.94	2.26
Electricity & Gas Dist.	1.60	6.67	13.54	2.62	11.70	10.11	16.34	13.20
Services Sector	7.90	9.24	7.90	7.92	5.77	5.86	6.77	3.81
Transport, St. & Comm.	8.29	7.95	8.27	7.94	4.95	7.23	6.82	-4.01
Wholesale & Ret. Trade	9.72	8.40	4.60	11.71	6.72	5.96	8.99	5.28
Finance & Insurance	16.98	15.51	16.92	-0.17	3.48	0.60	3.74	3.08
Ownership of Dwellings	9.82	14.46	14.69	10.18	5.28	5.28	5.28	5.28
Public Admn. & Defence	1.44	10.01	7.92	3.12	5.30	5.45	4.18	7.90
Social, C & P services	2.00	6.53	6.53	6.53	6.53	6.53	6.53	6.53
Gross Domestic Product (FC)	7.56	6.79	3.97	8.71	6.36	5.81	6.44	4.81
Indirect Taxes	-1.94	10.25	11.94	0.15	-1.40	5.41	19.21	7.23
Subsidies	-2.62	31.22	-1.94	9.14	2.66	-29.71	24.86	14.81
Gross Domestic Product (MP)	6.54	6.78	5.07	7.59	5.50	6.45	7.63	4.96
Net Factor Income from Abroad	0.84	44.22	-4.15	-8.90	8.57	-15.05	-35.65	-12.67
Gross National Product (FC)	7.00	9.75	3.13	7.01	6.54	4.06	3.56	4.07
Gross National Product (MP)	6.11	9.46	4.19	6.16	5.73	4.81	4.94	4.29
Population (in million)	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10
Per Capita Income in Rupees.(FC)	3.78	6.45	0.03	3.79	3.34	0.93	0.45	0.94
Per Capita Income in Rupees.(MP)	2.92	6.17	1.06	2.97	2.55	1.65	1.79	1.15

Cont.

Table 3.6 REAL GROWTH RATES (%) IN GDP / GNP

Sector	89-90	90-91	91-92	92-93	93-94	94-95	95-96	96-97R	97-98P
Agriculture	3.03	4.96	9.50	-5.29	5.23	6.57	5.80	0.06	5.90
Major Crops	-0.09	5.69	15.48	-15.60	1.24	8.69	5.96	-4.78	8.37
Minor Crops	5.17	3.51	2.37	3.95	12.62	6.91	4.89	1.12	3.29
Livestock	6.10	5.00	5.95	6.02	5.98	5.54	8.02	5.35	4.83
Fishing	8.15	2.43	4.97	5.57	10.86	-7.26	-2.83	4.79	6.73
Forestry	9.71	4.86	-21.23	-0.61	5.30	1.59	-24.94	5.83	-23.18
Industrial Sector	6.43	6.86	7.73	5.51	4.54	4.82	5.41	0.99	6.24
Mining & Quarrying	9.56	10.36	2.44	3.00	4.66	-4.30	7.07	1.87	-9.70
Manufacturing	5.72	6.25	8.05	5.35	5.48	3.60	4.80	1.19	6.96
Large-scale	4.73	5.42	7.91	4.14	4.27	1.53	3.14	-2.29	6.19
Small-scale	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40	8.40
Construction	3.12	5.70	5.98	5.80	1.64	1.01	3.25	1.09	1.67
Electricity & Gas Dist.	14.61	11.00	9.07	6.38	3.17	16.83	10.14	-0.03	9.28
Services Sector	4.48	5.21	6.76	4.63	4.20	4.80	4.60	2.10	4.77
Transport, St. & Comm.	6.54	6.31	10.46	6.66	3.68	4.14	0.84	0.67	8.80
Wholesale & Ret. Trade	3.49	5.35	7.33	2.92	2.86	4.64	6.43	0.76	2.96
Finance & Insurance	0.51	1.23	4.34	6.98	14.13	6.31	7.05	-5.39	0.79
Ownership of Dwellings	5.28	5.28	5.28	5.28	5.28	5.28	5.28	5.28	5.28
Public Admn. & Defence	2.73	3.30	2.58	2.46	1.39	3.13	3.17	2.23	1.96
Social, C & P services	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53	6.53
Gross Domestic Product (FC)	4.58	5.57	7.71	2.27	4.54	5.24	4.76	1.30	5.44
Indirect Taxes	1.90	1.69	7.38	-2.46	-2.73	1.86	3.00	-16.27	3.66
Subsidies	-8.30	-20.04	-7.16	-19.54	-19.67	18.95	-21.65	-17.21	-4.21
Gross Domestic Product (MP)	4.46	5.45	7.83	1.91	3.90	4.80	4.68	-0.36	5.33
Net Factor Income from Abroad	14.93	-44.90	-47.67	-24.55	-64.68	205.61	-146.04	-120.15	27.66
Gross National Product (FC)	4.96	3.60	6.56	2.00	4.02	5.75	4.07	0.91	5.67
Gross National Product (MP)	4.79	3.69	6.80	1.67	3.43	5.26	3.67	0.71	5.55
Population	3.10	3.10	3.10	3.00	3.00	2.86	2.83	2.79	2.74
Per Capita Income in Rupees.(FC)	1.80	0.48	3.36	-0.97	0.99	2.80	2.00	-1.81	2.84
Per Capita Income in Rupees.(MP)	1.64	0.58	3.59	-1.29	0.42	2.63	0.83	-3.40	2.72

R Revised P Provisional

Source : Federal Bureau of Statistics

Table 3.7 TEN YEAR AVERAGE REAL GROWTH RATES(%) IN GDP/GNP

Sector	1950-51 to 1959-60	1960-61 to 1969-70	1970-71 to 1979-80	1980-81 to 1989-90	1990-91 to 1996-97
Agriculture	1.73	4.97	2.37	4.07	3.83
Major Crops	1.76	7.10	1.99	3.40	2.38
Minor Crops	1.11	4.73	4.39	4.06	5.05
Livestock	2.25	1.95	2.54	5.27	5.98
Fishing	5.63	9.90	-1.47	6.93	2.65
Forestry	0.48	5.99	14.21	6.03	-4.17
Industrial Sector	8.14	11.01	6.14	7.76	5.12
Mining & Quarrying	10.37	8.55	4.96	9.54	3.58
Manufacturing	7.76	9.93	5.50	8.21	4.96
Large-scale	15.75	13.39	4.84	8.16	3.45
Small-scale	2.30	2.91	7.63	8.40	8.40
Construction	8.63	13.20	7.40	4.67	3.50
Electricity & Gas Dist.	12.93	26.90	9.47	10.13	8.08
Services Sector	3.53	6.74	6.26	6.62	4.61
Transport, St. & Comm.	4.67	8.22	5.74	6.20	4.68
Wholesale & Ret. Trade	3.63	7.81	5.25	7.17	4.33
Finance & Insurance	11.55	14.01	8.82	5.19	4.95
Ownership of Dwellings	2.85	2.88	3.56	7.92	5.28
Public Admn. & Defence	2.03	8.36	9.98	5.87	2.61
Social, C & P services	3.98	4.40	5.52	6.00	6.53
Gross Domestic Product (FC)	3.14	6.80	4.84	6.14	4.48
Indirect Taxes		13.31	6.63	5.64	-1.08
Subsidies		55.61	51.28	1.18	-12.33
Gross Domestic Product (MP)	3.76	7.18	4.80	6.19	4.03
Net Factor Income from Abroad	59.03	-0.90	37.99	-1.86	-0.30
Gross National Product (FC)	3.14	6.78	5.46	5.55	3.84
Gross National Product (MP)	3.76	7.20	5.38	5.65	3.61
Population (in million)	2.46	2.86	3.14	3.10	2.98
Per Capita Income in Rupees.(FC)	0.67	3.81	2.25	2.38	0.84
Per Capita Income in Rupees.(MP)	1.27	4.22	2.16	2.48	0.42

Source: Federal Bureau Of Statistics

B: GROWTH SHARING AND INCOME DISTRIBUTION

The ultimate objective of government policies is the improvement in the living standards of the people. Achieved through sustained economic growth it should ensure that benefits of growth reach out to the whole population. The process of economic growth which emphasizes only GNP maximization can lead to uneven distribution of income which when allowed to persist with, an ever growing deprived segment of population can, in the long run, culminate in lower growth. Government policy has, therefore, been to maximize GDP growth aligned with equity objectives. Household Income and Expenditure Surveys (HIES) conducted from 1963-64 to 1993-94 provide ample statistical information on long term trends in income distribution and poverty. GDP growth and inflation are two of the numerous factors which directly influence income distribution.

Four distinct phases of inequality trend can be identified. The first phase spread over 1963-71 showed that inequality in income distribution narrowed. The second phase covering 1971-79 suggested a widening of income inequality. The ratio of highest to lowest 20 percent income group which was 7.1 in 1963-64 decreased to 4.9 in 1970-71 and increased again to 6.1 in 1979. In the third phase 1984-87 the ratio declined from 6.2 to 5.5. However in the fourth phase, 1987-94 it fluctuated between 4.4 to 8.6. The above trends are reflected in the behaviour of the Gini co-efficient which is used as a general index for overall income distribution. Details are given in table 3.8.

Table 3.8 HOUSEHOLD INCOME DISTRIBUTION

Year	Household Gini Co-efficient	Household Income Shares: Lowest 20%	Middle 60%	Highest 20%	Ratio of Highest 20% to Lowest 20%	GDP Growth Rates	Inflation Rates
1963-64	0.386	6.4	48.3	45.3	7.1	6.5	4.2
1966-67	0.355	7.6	49.0	43.4	5.7	3.1	8.6
1968-69	0.366	8.2	49.8	42.0	5.1	6.5	1.6
1969-70	0.366	8.0	50.2	41.8	5.2	9.8	4.1
1970-71	0.330	8.4	50.1	41.5	4.9	1.2	5.7
1971-72	0.345	7.9	49.1	43.0	5.4	2.3	4.7
1979	0.373	7.4	47.6	45.0	6.1	5.5	6.6
1984-85	0.369	7.3	47.7	45.0	6.2	8.7	5.7
1985-86	0.355	7.6	48.4	44.0	5.8	6.4	4.4
1986-87	0.346	7.9	48.5	43.6	5.5	8.8	3.6
1987-88	0.348	8.0	48.3	43.7	5.5	6.4	6.3
1990-91	0.407	5.7	45.0	49.3	8.6	5.6	12.7
1992-93	.410	6.2	45.6	48.2	7.8	2.3	9.8
1993-94	0.400	9.2	50.6	40.2	4.4	4.5	8.5

Source: Federal Bureau of Statistics

Note: Gini ratio is one of several but the most commonly used measure of income disparity because of convenience in computing and understanding. Its value ranges from 0 to 1. At zero it represents perfect equality (each percentile of households getting the same income) while at 1 it indicates perfect inequality (one income class has all the income and every one else has nothing). It is computed from relevant household income and expenditure survey.

The gini co-efficient is more sensitive to changes in the middle of the distribution. An increase or decrease in income in the middle of the distribution will have a greater impact on the measure than a similar change at either end.

The Theil co-efficient is more sensitive to a change in the lower part of the income distribution than

to an equal change in the upper part of the distribution and is also sensitive to movement within the middle of the distribution. The behaviour of Theill co-efficient over the period 1979 to 1993-94 is shown below in table 3.9. It also confirms the conclusion drawn from the Gini co-efficient.

Table 3.9 THEIL CO-EFFICIENT

YEAR	THEIL CO-EFFICIENT
1979	0.27
1984-85	0.26
1985-86	0.23
1986-87	0.22
1987-88	0.23
1990-91	0.30
1992-93	0.27
1993-94	0.27

Source: Federal Bureau of Statistics

One way to get an insight into the structure of inequality is to analyze inter sectoral disparity on rural-urban basis. The rural population have lower standard of living compared to its urban counterpart. This is attributed to its poor possession of productive assets, high under-employment and lack of socio-physical infrastructure. The average income for the sampled household from 1968-69 to 1993-94 is less in rural area than that of the urban areas which has been highlighted in all the HIESs. The trend emerging from the years of the HIES is given below in table 3.10.

Table 3.10 MONTHLY AVERAGE HOUSEHOLD RURAL/URBAN INCOME (Rs.)

Year	Pakistan	Urban	Rural
1963-64	203	236	193
1966-67	-	281	198
1968-69	-	293	190
1969-70	223	303	197
1970-71	235	317	209
1971-72	265	361	234
1979	1032	1346	836
1984-85	1774	2390	1538
1985-86	1889	2537	1638
1986-87	2062	2739	1775
1987-88	2131	2956	1815
1990-91	3168	3701	2931
1992-93	3590	4976	3070
1993-94	3915	5571	3248
Compound Growth Rate	10.37	11.11	9.87

Source: HIES of various years, FBS

On the whole the rural income distribution has remained relatively better than the urban in all the years of HIES. The share of the lowest 20 percent in the rural area is consistently higher than in the urban area while the reverse is the position in the case of the highest 20 percent which claimed lower share in rural areas compared to urban areas. The rural-urban trends are given below in table 3.11.

Table 3.11 HOUSEHOLD INCOME SHARES (RURAL/URBAN)

Year	Lowest 20%	Highest 20%	Gini Co-efficient
Rural 1979	8.3	41.3	0.32
1984-85	7.9	42.8	0.34
1985-86	7.9	40.0	0.33
1986-87	8.0	39.0	0.32
1987-88	8.8	40.0	0.31
1990-91	6.0	47.4	0.41
1992-93	7.0	44.8	0.37
1993-94	10.6	34.6	0.35
Urban 1979	6.9	48.0	0.40
1984-85	7.0	47.7	0.38
1985-86	7.5	45.0	0.35
1986-87	7.9	44.0	0.36
1987-88	6.4	48.1	0.37
1990-91	5.7	50.5	0.39
1992-93	6.1	48.9	0.42
1993-94	9.4	40.9	0.40

Source: HIES of various years, FBS.