

# *MANUFACTURING*



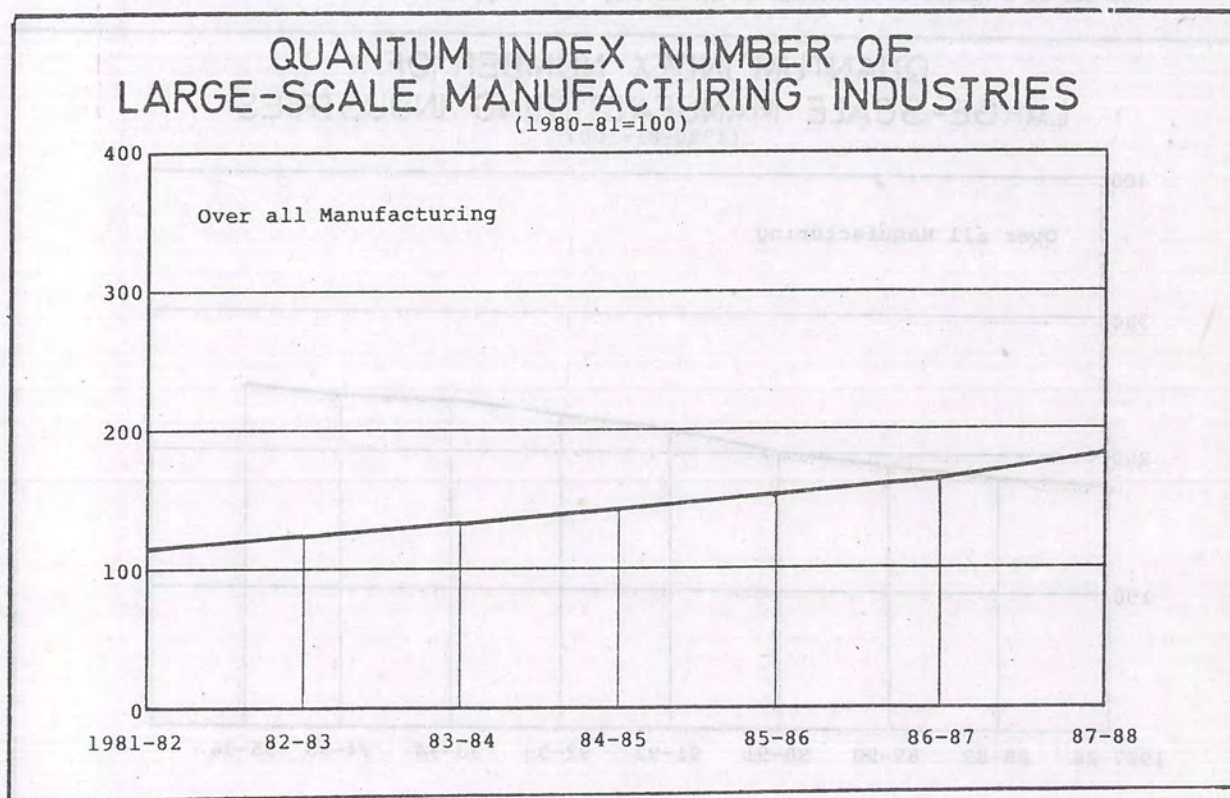
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5.1 (a) qu 5.1 Quantum index numbers of large-scale manufacturing industries (1980-81=100)

Year	Over all Manufacturing	Selected Items								
		Vegetable Products	Ciga-rattes	Cotton Yarn	Cotton Cloth	Paper & Board	Ferti-lizers	Cement	M.S Products	Automobiles
1981-82	115.7	108.0	104.8	114.7	105.6	110.1	122.4	103.4	111.3	109.0
1982-83	123.3	102.0	104.5	119.0	109.0	122.0	169.4	111.3	128.7	178.0
1983-84	132.8	121.0	110.1	115.1	94.6	122.1	172.6	127.2	132.2	216.6
1984-85	143.4	130.5	108.6	115.2	88.3	131.8	173.9	134.9	145.2	244.9
1985-86	153.8	125.4	109.4	129.0	83.0	155.6	176.3	166.4	147.9	263.4
1986-87	164.9	128.6	110.5	156.4	77.3	175.9	189.8	183.2	158.2	226.7
1987-88	182.3	134.9	109.7	182.7	91.5	196.8	186.8	199.6	175.8	268.9

Note:- The indices are based on 106 items.

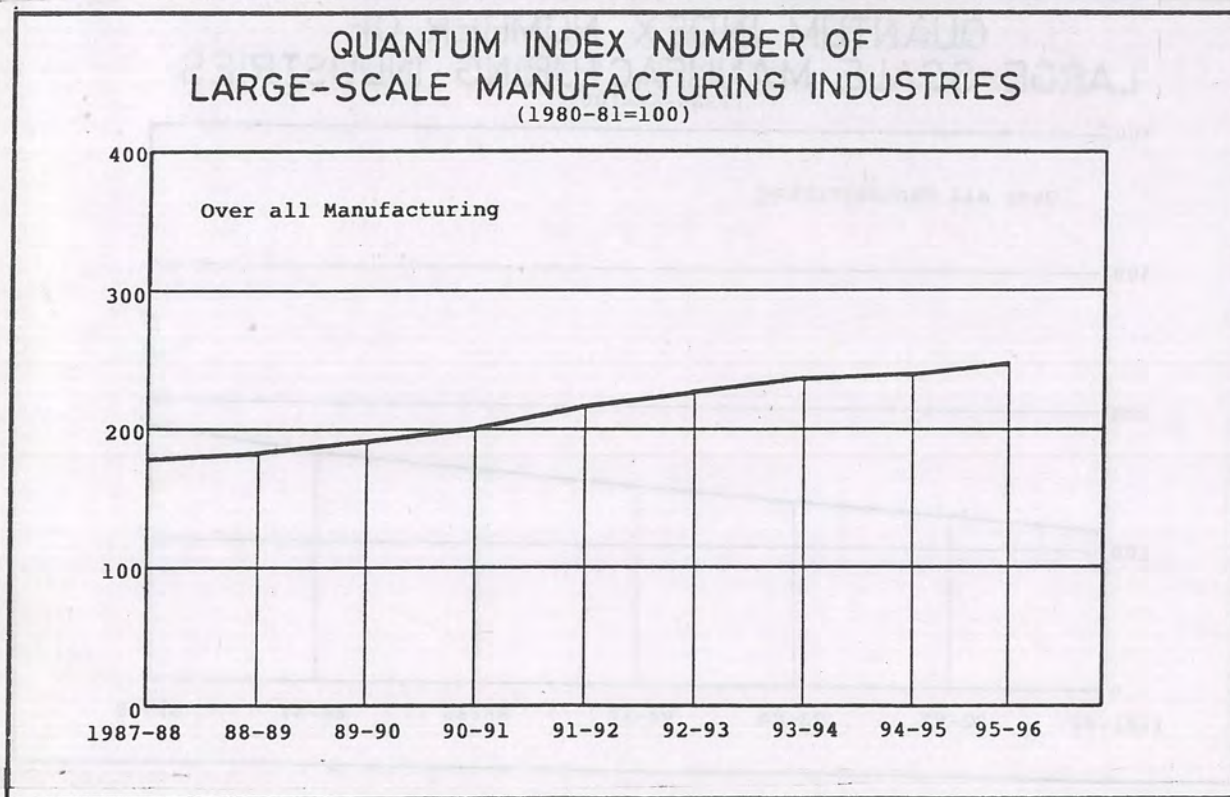




5.1 (b) 5.1 Quantum index numbers of large-scale manufacturing industries (1980-81=100)

Year	Over all Manufacturing	Selected Items									
		Vegetable Products	Blended Tea	Cigarettes	Cotton Yarn	Cotton Cloth	Jute goods	Paper & Board	Fertilizers	Cement	Automobiles
1987-88	179.1	134.9	112.1	109.7	182.7	91.5	222.8	196.8	186.8	199.6	268.9
1988-89	183.4	120.8	113.2	89.2	202.1	87.7	208.2	202.0	190.5	202.7	296.1
1989-90	192.1	132.1	126.7	89.9	243.1	95.8	195.3	198.9	197.6	211.8	332.2
1990-91	202.5	122.2	120.9	83.3	277.7	95.1	196.6	215.2	191.9	218.8	327.8
1991-92	218.5	123.6	133.5	82.7	312.2	100.0	203.2	249.3	180.1	228.2	339.7
1992-93	227.5	140.3	141.8	92.8	325.1	105.7	196.6	371.6	209.2	237.5	342.8
1993-94	237.2	130.9	138.4	100.0	349.3	102.3	154.9	373.1	261.6	230.9	245.0
1994-95	240.8	137.6	128.4	91.2	374.1	104.5	138.8	432.1	258.0	238.9	289.7
1995-96	247.0	139.3	128.6	124.5	398.7	106.3	142.7	417.5	282.5	266.8	351.3

Note:- The indices are based on 96 items. This is due to non-availability of data of 10 items from CBR as a result of withdrawal of excise duty from July, 1988.





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## 5.2 Production of manufacturing items

Year	(i) Vegetable products (a)		(ii) Sugar (b)		(iii) Tea blended (c)	
	No. of reporting factories	Production (tonnes)	No. of reporting factories	Production (tonnes)	No. of reporting factories	Production (tonnes)
1982-83	32	512602	39	1126991	5	49750
1983-84	37	594820	39	1147086	5	55273
1984-85	44	640319	39	1306084	5	46916
1985-86	41	611997	40	1116119	4	44236
1986-87	41	608686	41	1285910	4	48956
1987-88	42	697030	42	1770892	4	51754
1988-89	49	624299	45	1857751	4	52263
1989-90	51	682647	47	1856750	4	58504
1990-91	47	655853	51	1933801	4	55840
1991-92	49	638865	53	2322461	4	61649
1992-93	61	724724	61	2397326	4	67470
1993-94	71	670654	63	2922457	4	63562
1994-95	71	711219	66	3001472	4	59313
1995-96	71	719728	67	2470034	4	59399

Year	(iv) Beverages (d)		(v) Cigarettes (d)	
	No. of reporting factories	Production (000 bottles)	No. of reporting factories	Production (Million Nos.)
1982-83	47	730097	22	38199
1983-84	77	961203	20	40096
1984-85	101	914134	21	38921
1985-86	95	1029853	22	39593
1986-87	78	927076	19	39929
1987-88	78	1072568	18	40697
1988-89	82	1062074	22	31567
1989-90	78	1033628	19	32279
1990-91	51	811288	21	29887
1991-92	85	1023192	24	29673
1992-93	94	1677872	31	29947
1993-94	90	1364446	26	35895
1994-95	107	1716222	26	32747
1995-96	105	1568367	30	44701

Source: (a) i- Central Board of Revenue, up to June 1987.  
ii- Ministry of Industries since July 1987.  
iii- Provincial Bureaus of Statistics since July-92.  
(b) M/S All Pakistan Sugar Mills Association.  
(c) Provincial Bureaus of Statistics, Punjab & Sindh.  
(d) Central Board of Revenue.

Contd.



## MANUFACTURING

## 5.2 Production of manufacturing items

Year	(vi) Cotton textiles (Mill Sector)						
	No. of reporting mills at the end of the period	Installed capacity at the end of the period			Working capacity at the end of the period		
		No. of spindles (000)	No. of Looms (000)	No. of Rotors (000)	No. of spindles (000)	No. of Looms (000)	No. of Rotors (000)
1982-83	158	4265	24	--	3062	14	--
1983-84	162	4224	24	--	3020	12	--
1984-85	158	4396	23	--	3022	10	--
1985-86	160	4422	19	--	3158	9	--
1986-87	187	4293	17	48	3499	9	40
1987-88	197	4330	16	55	3690	9	46
1988-89	219	4790	17	66	3966	9	60
1989-90	236	5195	16	72	4416	8	64
1990-91	247	5493	15	75	4754	8	67
1991-92	271	6141	15	81	5260	8	67
1992-93	284	6768	14	95	5433	6	79
1993-94	320	8182	14	136	5886	6	80
1994-95	344	8307	14	130	5991	5	73
1995-96	349	8493	13	142	6356	5	79

Year	Spindle hours worked during the period (Million)	Loom hours worked during the period (Million)	Rotors hours worked during the period (Million)	Consumption of raw cotton (Tonnes)	Total yarn Produced (Tonnes)	Surplus yarn (Tonnes)	Total production of cloth (000 sq. metres)
1982-83	23011	78.6	--	516699	448430	397867	335537
1983-84	23683	91.6	--	506458	431581	396610	296596
1984-85	33274	69.8	--	558714	431731	375223	271831
1985-86	24620	64.7	--	553599	482186	436330	253480
1986-87	26836	57.8	298.0	697719	586371	549960	237879
1987-88	29823	66.2	372.4	779738	685031	643465	281620
1988-89	32089	67.9	444.3	871978	757903	720303	269862
1989-90	36170	67.5	537.1	1054144	911588	864469	294839
1990-91	39542	60.2	564.7	1197451	1041248	1001033	292911
1991-92	43606	58.8	588.5	1342819	1170736	1134716	307933
1992-93	46364	55.5	633.0	1426965	1218975	1148570	325396
1993-94	47221	44.0	613.1	1483413	1309622	1272776	314914
1994-95	49734	41.8	632.6	1558852	1369715	1340604	321841
1995-96	52239	37.1	650.4	1661866	1464895	1434732	326980

Contd.



## 5.2 Production of manufacturing items

Year	(vii) Cotton cloth (000 sq. metres) (Mill Sector)						
	Grand total	Total	Fine				Blended
			Grey	Bleached	Dyed and printed	Blended	
1982-83	335537	38591	13629	10001	14961	...	
1983-84	296596	40146	16057	8603	15486	...	
1984-85	271831	34174	9629	5315	19230	...	
1985-86	253480	22137	7036	5064	10037	...	
1986-87	237879	21336	8217	4315	8804	...	
1987-88	281620	32045	10087	3567	18391	...	
1988-89	269862	33079	6953	6056	20070	...	
1989-90	294839	61644	7246	5109	17408	31881	
1990-91	292911	56630	6190	4473	17694	28273	
1991-92	307933	57441	5334	5412	14682	32013	
1992-93	325396	73216	4651	6398	15341	46826	
1993-94	314914	59480	10961	2888	12277	33354	
1994-95	321841	82847	40026	4552	12063	26206	
1995-96	326980	106111	59159	4536	8288	34128	

Year	Medium					Coarse				
	Total	Grey	Bleached	Dyed and printed	Blended	Total	Grey	Bleached	Dyed and printed	Blended
1982-83	195719	116789	39020	39910	...	62830	45402	4581	12847	...
1983-84	174414	110344	33440	30630	...	45404	26056	5734	13614	...
1984-85	164007	106135	28682	29190	...	44795	24205	3724	16866	...
1985-86	164213	114706	22831	26676	...	35260	21043	1785	12432	...
1986-87	128526	84365	18110	26051	...	33989	23159	952	9878	...
1987-88	144576	102321	15475	26780	...	43864	30038	1847	11979	...
1988-89	143433	108594	10316	24523	...	44165	32118	2697	9350	...
1989-90	169425	121804	8945	24862	13814	63770	45519	5380	11342	1529
1990-91	167426	107957	9757	28289	21423	68855	47543	2603	10869	7840
1991-92	159957	86586	9758	35266	28347	90535	66869	3171	14600	5895
1992-93	160917	87768	9903	47159	16087	91263	70792	4065	11977	4429
1993-94	166290	88151	11632	44570	21937	89144	70923	954	12721	4546
1994-95	149691	74879	6918	48900	18994	89303	65902	540	16158	6703
1995-96	133458	61137	5148	43451	23722	87411	71194	3424	9346	3447

Note: Separate data for blended for the years 1982-83 to 1988-89 are not available.

Source:- Textile Commissioner's Organisation.  
Contd.



## 5.2 Production of manufacturing items

Year	(viii) Woolen textiles.					
	Woolen fabrics		Woolen blankets		Woolen carpets	
	No. of reporting factories	Production (000 Mts.)	No. of reporting factories	Production (000 Mts.)	No. of reporting factories	Production (000 Mts.)
1982-83	...	1190	...	301	...	371
1983-84	...	1398	...	355	...	501
1984-85	9	1670	10	387	9	427
1985-86	9	1801	10	535	11	584
1986-87	9	1776	11	504	12	516
1987-88	9	1676	8	243	9	726

Source: Central Board of Revenue.

Year	(ix) Paper and paper board (Tonnes)						
	No. of reporting factories	Paper				Board	
		Total	Writing	Printing	Packing & others	Paper	Chip
1982-83	15	47554	29216	3759	14579	28657	30106
1983-84	15	43652	26100	4125	13427	29839	31974
1984-85	15	50083	30154	3612	16317	32639	36434
1985-86	15	42792	21431	3857	17504	33102	30185
1986-87	14	29121	6585	3579	18957	34602	34303
1987-88	13	31660	10097	2372	19191	33797	36230
1988-89	13	37719	14465	1277	21977	32132	33336
1989-90	12	27023	6663	1289	19071	33140	36691
1990-91	12	24692	3539	1299	19854	31553	36739
1991-92	12	23435	1845	1392	20198	23934	39606
1992-93	12	21873	11	1460	20402	26984	39517
1993-94	12	23592	--	1526	22066	23935	37909
1994-95	12	19555	--	1298	18257	23786	36955
1995-96	12	20464	--	1462	19002	19961	36789

Contd.



## 5.2 Production of manufacturing items

Year	(x) Jute Textiles				
	No. of reporting mills.	Installed capacity at the end of period		Capacity worked at the end of the period	
		No. of spindles	No. of looms	No. of spindles	No. of looms
1982-83	9	33500	1838	24776	1103
1983-84	12	36624	2006	26893	1270
1984-85	13	38312	2141	31428	1533
1985-86	13	40110	2146	33904	1478
1986-87	14	42032	2203	34798	1453
1987-88	14	42478	2137	34815	1500
1988-89	14	43250	2161	33024	1343
1989-90	14	40696	2116	33513	1563
1990-91	14	40898	2156	36407	1524
1991-92	14	41474	2178	35918	1402
1992-93	14	42036	2072	33006	1150
1993-94	14	42036	2188	23920	950
1994-95	14	41810	2233	27593	1055
1995-96	14	37162	1988	25207	1001

Year	Production ( Tonnes )				Raw jute consumed (Bales)
	Total	Hessian	Sacking	Others	
1982-83	66422	10770	41329	14323	410303
1983-84	84001	11980	59348	12673	475523
1984-85	78209	16323	48318	13568	486543
1985-86	100042	19569	65826	14647	702776
1986-87	113602	18465	78742	16395	692299
1987-88	111494	14389	86210	10895	697803
1988-89	103916	12797	79674	11445	651774
1989-90	95774	11742	72754	11278	578522
1990-91	96872	13264	73117	10491	611723
1991-92	100909	16535	71972	12402	624580
1992-93	97454	9370	74853	13231	589378
1993-94	76415	9515	54418	12482	476530
1994-95	68540	8191	49289	11060	412496
1995-96	70580	13014	43342	14224	448601

Source: Pakistan Jute Mills Association.  
Contd.



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## 5.2 Production of manufacturing items

Year	(xi) Chemicals (Tonnes)				
	No. of reporting factories	Soda ash	Caustic soda	Sulphuric acid	Chlorine gas
1982-83	13	94392	41065	71059	8051
1983-84	13	106555	39740	80748	8454
1984-85	14	122071	46020	77906	8399
1985-86	13	128417	54819	80444	7918
1986-87	12	130274	54889	77610	6968
1987-88	12	134106	61344	78723	8009
1988-89	14	144301	66452	78755	8992
1989-90	13	149457	74036	90335	7220
1990-91	13	147177	78484	93461	6655
1991-92	13	185875	82009	97590	6084
1992-93	13	186216	81381	99836	5853
1993-94	13	187257	89114	102341	5811
1994-95	13	184636	92746	80352	7800
1995-96	13	213648	108971	62464	9170

Year	(xii) Chemical fertilizers (Tonnes)					
	No. of reporting factories	Urea	Super-phosphate	Ammonium sulphate	Ammonium nitrate	Nitro phosphate
1982-83	9	1831819	104250	61182	339380	238352
1983-84	9	1797553	105690	72985	383011	316450
1984-85	9	1814666	105801	79009	406357	308306
1985-86	9	1820214	105760	92285	394255	321392
1986-87	9	1992644	107584	91615	413314	323449
1987-88	9	1985076	107809	98261	332723	333679
1988-89	10	2008601	140691	98108	350553	330768
1989-90	10	2108526	163850	94609	338065	333319
1990-91	10	2050342	175111	92278	318800	320961
1991-92	10	1897952	194019	92888	300029	309756
1992-93	10	2306075	205000	92890	302198	297337
1993-94	10	3103825	195100	82015	242724	251371
1994-95	10	3000213	147023	79615	313907	285002
1995-96	10	3257407	103740	83660	383492	336544

Contd.



## 5.2 Production of manufacturing items

Year	(xiii) Paints & varnishes		(xiv) Paints & varnishes		(xv) Cosmetics	
	No. of reporting factories	Production (Tonnes)	No. of reporting factories	Production (000 ltr.)	No. of reporting factories	Production (000 containers)
1982-83	...	10051	...	9909	92	25243
1983-84	...	8513	...	12449	89	35927
1984-85	111	11152	139	12286	94	37884
1985-86	89	11951	135	13630	107	49861
1986-87	103	12970	137	16500	99	48293
1987-88	109	12326	135	19346	91	56928
1988-89	112	11577	132	16882	94	49763
1989-90	123	11187	140	16420	101	45549
1990-91	117	14308	91	16829	53	49717
1991-92	83	18950	50	18553	69	14999
1992-93	72	16626	63	23323	100	17539
1993-94	49	9373	64	16112	64	29260
1994-95	36	6865	36	15524	70	43041
1995-96	31	7293	46	14848	68	93401

Year	(xvi) Soaps & Detergents							
	Toilet soap		Detergent		Detergent bars		Detergent liquid	
	No. of reporting factories	Production (tonnes)	No. of reporting factories	Production (tonnes)	No. of reporting factories	Production (tonnes)	No. of reporting factories	Production (tonnes)
1982-83	...	28895	...	...	...	...	...	...
1983-84	...	26208	...	12484	...	...	...	...
1984-85	22	31700	18	12011	7	3008	...	33
1985-86	30	29839	19	14311	8	4006	6	24
1986-87	39	33128	17	16157	13	7405	7	118
1987-88	37	31482	17	20835	9	7111	6	224
1988-89	41	56390	27	32000	16	14786	7	326
1989-90	33	35063	19	18054	14	6048	5	167
1990-91	32	46075	17	22381	11	6705	4	323
1991-92	32	55103	21	26664	10	4427	6	145
1992-93	34	58175	27	26304	11	4441	5	263
1993-94	26	53645	20	22250	15	6154	4	752
1994-95	33	53189	28	24030	20	6820	8	562
1995-96	25	57337	26	28366	18	9364	1	452

Sources: Central Board of Revenue.  
Contd.



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5.2 Production of manufacturing items

Year	(xvii) Cycle Tyres (a)		(xviii) Cycle tubes (a)		(xix) Motor tyres (b)		(xx) Motor tubes (b)	
	No. of reporting factories	Production (000 Nos.)	No. of reporting factories	Production (000 Nos.)	No. of reporting factories	Production (000 Nos.)	No. of reporting factories	Production (000 Nos.)
1982-83	10	3984	9	5226	1	217	...	134
1983-84	10	3735	9	6173	1	238	...	122
1984-85	10	4074	9	7040	1	307	1	87
1985-86	10	4147	9	6121	2	412	1	171
1986-87	9	4221	9	6307	2	382	1	117
1987-88	10	4476	9	5748	2	679	2	384
1988-89	10	4087	9	6157	4	907	4	521
1989-90	10	4000	9	5501	4	915	4	648
1990-91	10	3828	9	5468	2	952	3	646
1991-92	10	3751	10	5757	5	784	5	618
1992-93	11	3826	11	5612	6	712	6	550
1993-94	11	3872	11	6191	5	783	5	706
1994-95	11	3523	11	5146	6	912	6	833
1995-96	11	3989	11	5574	7	1002	6	909

Year	(xxi) Cement (C)		(xxii) Sewing machines	
	No. of reporting factories	Production (000 Tonnes)	No. of reporting factories	Production (Nos.)
1982-83	11	3938	3	63956
1983-84	13	4503	3	64878
1984-85	14	4732	3	67216
1985-86	17	5773	3	78612
1986-87	18	6508	3	84984
1987-88	20	7072	3	86046
1988-89	21	7125	3	83498
1989-90	23	7488	3	106736
1990-91	22	7762	3	81292
1991-92	22	8321	3	85112
1992-93	20	8558	3	72265
1993-94	20	8100	3	76677
1994-95	20	7913	3	68131
1995-96	20	9571	3	82822

Source: (a) Provincial Bureaus of Statistics, Punjab & Sindh.  
 (b) Central Board of Revenue.  
 (c) (i) Upto June, 95 from Stat. Cement Corporation.  
 (ii) Since July, 95 from Ministry of Industries.  
 Contd.



## MANUFACTURING

## 5.2 Production of manufacturing items

Year	(xxiii) Basic Steel Products (Tonnes)						
	Coke	Pig Iron	Billets	H.R. Sheets /Strips/ Plates/ coils	C.R. Sheets /Strips/ Plates/ coils	Galvanized Sheets	Formed Section
1982-83	369949	462625	40323	...	...	...	...
1983-84	369500	490856	179921	16348	...	...	...
1984-85	451245	706016	259121	196794	18870	...	4491
1985-86	610059	848438	253513	397362	83405	11345	3037
1986-87	636709	897242	253848	399613	122887	33394	1802
1987-88	642052	932694	271367	475621	154550	48308	4872
1988-89	672375	944518	236033	495422	143145	38879	4203
1989-90	668172	912915	279313	339305	128347	47317	--
1990-91	723571	1013138	332971	382930	112005	42110	--
1991-92	737188	1048127	306673	392176	134747	42358	--
1992-93	716365	1098204	338404	480619	164262	61573	--
1993-94	771596	1252682	403949	517282	165140	62478	--
1994-95	701455	1044710	343500	467642	170766	62818	--
1995-96	685614	1002238	332749	483091	154790	58076	--

Source: Pakistan Steel Mills Corporation.

Year	(xxiv) Air conditioners (a)		(xxv) Electric Motors(a)		(xxvi) Trans- formers (a)		(xxvii) Television (a)		(xxviii)pre-reco- rded Cassettes	
	No. of reporting factories	Produ- ction (Nos.)	No. of reporting factories	Produ- ction (Nos.)	No. of reporting factories	Produ- ction (Nos.)	No. of reporting factories	Produ- ction (Nos.)	No. of reporting factories	Produ- ction ("000" Nos.)
1982-83	9	20077	18	28071	10	21121	8	110523	2	6043
1983-84	9	17861	18	27560	10	16793	8	105582	2	8329
1984-85	9	12791	18	38167	10	16605	8	138238	2	8639
1985-86	9	6754	24	40030	11	23621	8	189231	2	7574
1986-87	9	7507	24	43609	11	30185	8	199082	2	8227
1987-88	9	14761	24	45601	11	22623	8	245694	2	8050
1988-89	9	19983	24	34938	11	22807	8	211178	2	9532
1989-90	9	20106	24	29294	11	22918	9	199806	2	9375
1990-91	9	18913	24	30670	11	21273	9	181685	2	6368
1991-92	8	13086	23	33056	10	21293	10	145468	2	6308
1992-93	9	14538	23	32822	10	21924	10	162176	2	3744
1993-94	10	11738	23	23777	10	17906	10	112532	2	4595
1994-95	10	5149	23	24225	10	23043	10	97261	2	756
1995-96	10	2790	23	23650	10	22681	10	99256	2	905

Source: (a) Provincial Bureaus of Statistics, Punjab & Sindh.  
Contd.



## MANUFACTURING

## 5.2 Production of manufacturing items

Year	(xxix) Electric bulbs		(xxx) Electric tubes	
	No. of reporting factories	Production (000 Nos.)	No. of reporting factories	Production (000 Nos.)
1982-83	8	23501	...	2489
1983-84	8	36775	...	3143
1984-85	8	44933	7	3222
1985-86	7	46394	8	3314
1986-87	6	46410	9	4702
1987-88	5	46389	6	6404
1988-89	6	53407	10	6567
1989-90	6	55690	9	7567
1990-91	8	49322	6	7728
1991-92	7	25391	5	5035
1992-93	2	41328	7	4205
1993-94	2	42720	6	5307
1994-95	1	41609	5	5352
1995-96	3	45826	1	5417

Source: i. Central Board of Revenue upto June, 92  
ii. Since July, 92 from Provincial Bureaus.

Year	(xxxi) Manufacture/Assembly of automobiles (Numbers)						(xxxii) Tractor (b)		(xxxiii) Bicycle (b)	
	Cars (a)	Jeeps (4x4)	Light Commercial vehicles	Trucks	Buses	Motor cycles/scooters/rickshaws (a)	No. of reporting Unit	Production (Numbers)	No. of reporting Unit	Production (Numbers)
1982-83	4120	2101	11532	3563	737	34452	..	..	6	448795
1983-84	9267	2160	11718	2883	624	54017	..	..	6	448218
1984-85	13146	1715	12458	2279	619	52905	..	..	6	462604
1985-86	15878	2323	11571	2285	616	79582	4	19153	6	447760
1986-87	13683	2121	10765	1835	618	69593	4	18111	5	593058
1987-88	19032	3502	11767	2238	732	68231	4	18584	5	654693
1988-89	19996	3340	11899	1857	777	72804	4	23638	5	560277
1989-90	25747	1581	11609	1715	626	92783	4	19376	5	530166
1990-91	25166	2796	11882	2059	826	98647	4	13753	5	428824
1991-92	28911	1774	11411	1627	1114	97162	4	9817	5	478407
1992-93	26945	1324	11478	2222	1177	95793	4	17127	5	573655
1993-94	19514	816	5128	1394	427	63958	4	14907	5	563687
1994-95	20955	1310	5154	703	312	60960	4	17144	5	474485
1995-96	30963	2274	6213	1430	282	95991	4	16208	5	545114

Source: (a) Data in respect of scooters, auto rickshaw is included upto December, 1986.  
(b) Provincial Bureau of Statistics, Punjab.



## 5.3 Number of reporting establishments in Pakistan

Group of Industries	1970-71	1975-76	1976-77	1977-78	1978-79
<b>ALL INDUSTRIES</b>	<b>3549</b>	<b>3248</b>	<b>3373</b>	<b>3676</b>	<b>3715</b>
Food manufacturing	489	363	374	462	471
Beverage industries	19	25	28	31	32
Tobacco industries	39	17	20	16	18
Manufacture of textile	719	850	902	924	902
Manufacture of wearing apparel (except footwear)	25	19	29	31	34
Manufacture of leather and leather products (except footwear & wearing apparel)	64	59	59	64	57
Manufacture of footwear (except rubber of plastic footwear)	30	17	17	11	18
Ginning, pressing & baling of fibre	174	43	48	187	208
Manufacture of wood and cork products (except furniture)	23	22	21	19	22
Manufacture of furniture & fixture (except primarily metal)	38	34	29	36	36
Manufacturing of paper and paper products	25	28	32	26	26
Printing, publishing allied industries	184	165	165	162	160
pharmaceutical products	105	93	84	90	89
Manufacture of industrial chemical	48	60	67	70	70
Manufacture of other chemical products	136	123	141	129	132
Petroleum refining	--	--	--	--	3
Manufacture of misc. products of petroleum and coal	--	4	7	9	7
Manufacture of rubber products	56	54	58	59	64
Manufacture of plastic products n.e.c.	30	26	33	35	35
Manufacture of pottery, china and earthenware	12	11	12	16	15
Manufacture of glass and glass products	24	19	24	23	27
Manufacture of non-metallic mineral products	69	66	70	69	74
Iron & Steel basic industries	145	153	164	171	176
Non-ferrous metal basic industries	8	10	10	13	18
Manufacture of fabricated metal products (except machinery and equipment)	396	326	316	322	311
Manufacture of machinery (except electrical)	296	281	285	298	302
Manufacture of electrical machinery	136	134	136	157	163
Manufacture of transport equipment	120	125	128	134	127
Manufacture of scientific measuring, photographic and optical goods	53	47	45	42	44
Manufacture of sports and athletic goods	9	7	5	5	--
Other manufacturing industries	21	17	16	16	18
All other industries	47	44	44	45	51
	9	6	4	4	5

Contd.



## MANUFACTURING

## 5.3 Number of reporting establishments in Pakistan

Group of Industries	1979-80	1980-81	1981-82	1982-83	1983-84
ALL INDUSTRIES	3750	3815	3882	3931	4047
Food manufacturing	464	494	581	675	720
Beverage industries	34	35	40	42	41
Tobacco industries	18	20	19	20	18
Manufacture of textile	948	914	921	908	899
Manufacture of wearing apparel (except footwear)	32	56	55	47	45
Manufacture of leather and leather products (except foot- wear & wearing apparel)	60	61	71	63	67
Manufacture of footwear(Except rubber or plastic footwear)	20	19	18	22	16
Ginning, pressing & baling of fibre	223	261	240	235	229
Manufacture of wood and cork products (except furniture)	14	22	28	24	29
Manufacture of furniture & fixture (except primarily metal)	36	35	36	40	47
Manufacturing of paper and paper products	31	38	33	38	40
Printing, publishing allied industries	151	139	136	131	141
pharmaceutical products	97	103	104	99	108
Manufacture of industrial chemical	80	80	86	89	86
Manufacture of other chemical products	132	148	137	134	146
Petroleum refining	3	3	3	3	3
Manufacture of misc. products of petroleum and coal	8	12	14	13	13
Manufacture of rubber products	57	52	53	52	53
Manufacture of plastic products n.e.c.	35	31	38	39	42
Manufacture of pottery, china and earthenware	18	17	18	18	21
Manufacture of glass and glass products	24	28	22	30	29
Manufacture of non-metallic mineral products	67	69	71	79	83
Iron & Steel basic industries	189	197	193	184	211
Non-ferrous metal basic industries	16	14	8	8	7
Manufacture of fabricated metal products (except machinery and equipment)	291	272	272	256	245
Manufacture of machinery (except electrical)	297	273	295	300	316
Manufacture of electrical machinery	174	185	178	183	173
Manufacture of transport equipment	117	122	103	94	112
Manufacture of scientific measuring, photographic and optical goods	47	52	44	40	52
Manufacture of sports and athletic goods	20	22	20	23	20
Other manufacturing industries	47	41	45	42	35
All other industries	--	--	--	--	--

Contd.



## 5.3 Number of reporting establishments in Pakistan

Group of Industries	1984-85	1985-86	1986-87	1987-88	1988-89	1990-91
<b>ALL INDUSTRIES</b>	<b>4423</b>	<b>4349</b>	<b>4594</b>	<b>4753</b>	<b>4820</b>	<b>4792</b>
Food manufacturing	848	730	831	822	860	858
Beverage industries	51	51	50	52	54	47
Tobacco industries	18	18	19	15	24	19
Manufacture of textile	895	980	1013	1045	1105	1135
Manufacture of wearing apparel (except footwear)	55	76	94	105	119	153
Manufacture of leather and leather products (except footwear & wearing apparel)	73	81	83	86	98	80
Manufacture of footwear (Except rubber of plastic footwear)	20	21	33	35	35	24
Ginning, pressing & baling of fibre	303	283	250	302	305	343
Manufacture of wood and cork products (except furniture)	29	32	33	38	37	39
Manufacture of furniture & fixture (except primarily metal)	50	46	53	54	45	59
Manufacturing of paper and paper products	47	49	47	56	61	74
Printing, publishing and allied industries	137	143	148	151	135	110
Manufacture of drugs & pharmaceutical products	119	123	133	129	135	146
Manufacture of industrial chemical	93	89	97	94	98	120
Manufacture of other chemical products	162	161	168	166	166	134
Petroleum refining	3	3	3	3	3	3
Manufacture of misc. products of petroleum and coal	12	14	16	15	16	17
Manufacture of rubber products	49	44	50	49	53	49
Manufacture of plastic products n.e.c.	48	52	64	64	70	67
Manufacture of pottery, china and earthenware	18	12	17	25	25	20
Manufacture of glass and glass products	29	22	28	27	32	31
Manufacture of non-metallic mineral products	96	103	100	111	115	110
Iron & Steel basic industries	186	200	198	218	217	187
Non-ferrous metal basic industries	10	7	8	11	10	14
Manufacture of fabricated metal products (except machinery and equipment)	252	231	256	260	234	211
Manufacture of machinery (except electrical)	376	343	360	367	348	259
Manufacture of electrical machinery	198	179	178	191	207	220
Manufacture of transport equipment	120	127	136	140	137	130
Manufacture of scientific measuring, photographic and optical goods	57	52	55	55	18	59
Manufacture of sports and athletic goods	27	26	28	30	25	37
Other manufacturing industries	42	51	45	37	33	37
All other industries	--	--	--	--	--	--

Note:- The result for 1990-91 CMI was retained on priority basis by skipping 1988-89 and 1989-90.



## MANUFACTURING

## 5.4 Industrial cost by industry major groups

(Million rupees)					
Group of Industries	1970-71	1975-76	1976-77	1977-78	1978-79
ALL INDUSTRIES	8075	19702	25073	31269	36521
Food manufacturing	2057	4399	6353	7843	8120
Beverage industries	27	160	202	281	315
Tobacco industries	361	403	519	658	701
Manufacture of textile	1713	4871	5963	6158	7708
Manufacture of wearing apparel (except footwear)	8	60	129	152	158
Manufacture of leather and leather products (except footwear & wearing apparel)	148	422	645	639	1128
Manufacture of footwear (Except rubber of plastic footwear)	29	34	58	46	113
Ginning, pressing & baling of fibre	1296	393	691	3015	2985
Manufacture of wood and cork products (except furniture)	10	41	37	24	49
Manufacture of furniture & fixture (except primarily metal)	9	19	13	17	20
Manufacturing of paper and paper products	140	304	264	278	272
Printing, publishing and allied industries	78	144	184	223	283
Manufacture of drugs & pharmaceutical products	178	503	575	801	898
Manufacture of industrial chemical	197	750	816	888	1047
Manufacture of other chemical products	209	533	568	599	728
Petroleum refining	--	--	--	--	4509
Manufacture of misc. products of petroleum and coal	--	93	188	263	186
Manufacture of rubber products	97	356	358	371	533
Manufacture of plastic products n.e.c.	15	26	66	84	162
Manufacture of pottery, china and earthenware	7	11	20	34	36
Manufacture of glass and glass products	27	34	62	63	84
Manufacture of non-metallic mineral products	188	552	687	793	738
Iron & Steel basic industries	295	1039	1176	1162	1539
Non-ferrous metal basic industries	12	14	16	47	34
Manufacture of fabricated metal products (except machinery and equipment)	162	323	355	387	596
Manufacture of machinery (except electrical)	82	555	362	458	616
Manufacture of electrical machinery	174	563	660	935	1044
Manufacture of transport equipment	226	927	1052	1135	1706
Manufacture of scientific, measuring photographic and optical goods	14	47	50	55	68
Manufacture of sports and athletic goods	3	4	2	18	--
Other manufacturing industries	9	21	19	26	40
All other industries	34	65	51	68	101
	270	2036	2932	3748	4

Contd.



## MANUFACTURING

## 5.4 Industrial cost by Industry major groups

Group of Industries	(Million rupees)				
	1979-80	1980-81	1981-82	1982-83	1983-84
ALL INDUSTRIES	46064	55596	69302	82182	95250
Food manufacturing	9379	11760	16456	17851	20828
Beverage industries	394	470	620	631	646
Tobacco industries	846	1045	1074	1072	1402
Manufacture of textile	8893	10068	12365	16058	19272
Manufacture of wearing apparel (except footwear)	198	353	427	658	611
Manufacture of leather and leather products (except footwear & wearing apparel)	957	890	914	1228	1846
Manufacture of footwear (Except rubber or plastic footwear)	135	330	106	152	180
Ginning, pressing & baling of fibre	4197	4914	5064	5907	5543
Manufacture of wood and cork products (except furniture)	81	121	125	137	247
Manufacture of furniture & fixture (except primarily metal)	37	41	48	81	78
Manufacturing of paper and paper products	316	684	640	751	832
Printing, publishing and allied industries	236	339	472	637	753
Manufacture of drugs & pharmaceutical products	1185	1419	1734	1893	2519
Manufacture of industrial chemical	1621	1701	2186	2739	3885
Manufacture of other chemical products	966	1288	1169	1525	1925
Petroleum refining	7308	10533	13495	15308	15158
Manufacture of misc. products of petroleum and coal	182	335	610	813	873
Manufacture of rubber products	520	511	766	928	1534
Manufacture of plastic products n.e.c.	242	139	339	408	439
Manufacture of pottery, china and earthenware	43	47	65	118	131
Manufacture of glass and glass products	101	101	195	219	241
Manufacture of non-metallic mineral products	965	1041	1363	1553	2392
Iron & Steel basic industries	2057	2166	2855	4282	3989
Non-ferrous metal basic industries	85	42	9	12	16
Manufacture of fabricated metal products (except machinery and equipment)	877	621	637	640	745
Manufacture of machinery (except electrical)	790	933	1417	1407	2640
Manufacture of electrical machinery	1243	1661	1999	2136	2754
Manufacture of transport equipment	1907	1711	1882	2643	3276
Manufacture of scientific, measuring photographic and optical goods	102	136	132	162	225
Manufacture of sports and athletic goods	60	62	56	131	142
Other manufacturing industries	141	134	82	102	128
All other industries	--	--	--	--	--

Contd.



## MANUFACTURING

## 5.4 Industrial cost by industry major groups

(Million rupees)

Group of Industries	1984-85	1985-86	1986-87	1987-88	1988-89	1990-91
ALL INDUSTRIES	109816	115826	132884	156576	181772	263852
Food manufacturing	21947	23386	27308	31937	38849	46635
Beverage industries	811	1071	904	1046	1180	1534
Tobacco industries	1578	1505	1689	1587	1119	1718
Manufacture of textile	17955	19747	24651	27466	34059	62485
Manufacture of wearing apparel (except footwear)	1269	1498	2214	2985	4020	5506
Manufacture of leather and leather products (except foot- wear & wearing apparel)	2418	2625	4527	5581	6124	7474
Manufacture of footwear (Except rubber of plastic footwear)	197	241	939	980	1308	1590
Ginning, pressing & baling of fibre	8984	8973	8804	11004	11186	18546
Manufacture of wood and cork products (except furniture)	210	289	332	408	357	496
Manufacture of furniture & fixture (except primarily metal)	148	77	180	216	189	388
Manufacturing of paper and paper products	1133	1198	1185	2124	2784	3831
Printing, publishing and allied industries	843	948	1076	1240	1010	1239
Manufacture of drugs & pharmaceutical products	2889	2901	3564	4730	6201	8962
Manufacture of industrial chemical Manufacture of other chemical products	4418	4988	5941	6299	7398	11473
Petroleum refining	2312	2301	3934	3277	4281	5588
Manufacture of misc. products of petroleum and coal	18449	16690	12006	15473	14996	28094
Manufacture of rubber products	870	861	967	869	1068	1403
Manufacture of plastic products n.e.c.	1376	1310	1165	1345	1604	1968
Manufacture of pottery, china and earthenware	669	663	903	997	1040	1378
Manufacture of glass and glass products	152	174	152	212	263	307
Manufacture of non-metallic mineral products	317	390	520	601	673	768
Iron & Steel basic industries	2628	3150	3582	4429	4437	6542
Non-ferrous metal basic industries	5373	7407	8611	11285	12990	15722
Manufacture of fabricated metal products (except machinery and equipment)	17	17	36	55	64	117
Manufacture of machinery (except electrical)	795	751	1165	1338	1628	2370
Manufacture of electrical machinery	4074	3625	4277	4243	6193	5953
Manufacture of transport equipment	3110	3339	5354	6241	6931	7847
Manufacture of scientific, measuring photographic and optical goods	4181	4957	6031	7489	8943	11655
Manufacture of sports and athletic goods	322	315	403	504	227	794
Other manufacturing industries	196	233	271	377	391	1068
All other industries	175	196	193	238	259	401
	--	--	--	--	--	--

Note:- The result for 1990-91 CMI was retained on priority basis by skipping 1988-89 and 1989-90.



## MANUFACTURING

## 5.5 Value of production by industry major groups

(Million rupees)

Group of Industries	1970-71	1975-76	1976-77	1977-78	1978-79
<b>ALL INDUSTRIES</b>	<b>13336</b>	<b>30674</b>	<b>39074</b>	<b>48277</b>	<b>55135</b>
Food manufacturing	2912	6829	9587	11321	11668
Beverage industries	67	327	419	562	634
Tobacco industries	934	1312	2207	2893	2942
Manufacture of textile	3307	7541	9065	9532	11020
Manufacture of wearing apparel (except footwear)	14	92	182	227	224
Manufacture of leather and leather products (except footwear & wearing apparel)	210	538	805	854	1572
Manufacture of footwear (Except rubber of plastic footwear)	46	49	78	72	141
Ginning, pressing & baling of fibre	1471	490	797	3277	3498
Manufacture of wood and cork products (except furniture)	17	59	61	42	77
Manufacture of furniture & fixture (except primarily metal)	21	33	23	32	35
Manufacturing of paper and paper products	225	486	461	501	518
Printing, publishing and allied industries	165	269	332	403	487
Manufacture of drugs & pharmaceutical products	406	842	1001	1470	1620
Manufacture of industrial chemical	445	1287	1614	1749	2028
Manufacture of other chemical products	311	744	904	970	1150
Petroleum refining	--	--	--	--	5425
Manufacture of misc. products of petroleum and coal	--	498	862	1197	271
Manufacture of rubber products	167	493	608	622	892
Manufacture of plastic products n.e.c.	23	48	109	135	243
Manufacture of pottery, china and earthenware	18	28	53	77	80
Manufacture of glass and glass products	54	59	104	141	158
Manufacture of non-metallic mineral products	366	944	1000	1586	1611
Iron & Steel basic industries	419	1402	1719	1649	2434
Non-ferrous metal basic industries	15	21	23	62	46
Manufacture of fabricated metal products (except machinery and equipment)	254	498	637	608	880
Manufacture of machinery (except electrical)	133	873	672	773	1014
Manufacture of electrical machinery	364	908	1105	1546	1679
Manufacture of transport equipment	362	1631	1383	1659	2444
Manufacture of scientific measuring, photographic and optical goods	34	98	91	97	120
Manufacture of sports and athletic goods	4	8	4	26	--
Other manufacturing industries	16	38	40	50	65
All other industries	55	109	85	124	153
	501	2120	3043	4020	6

Contd.



## MANUFACTURING

## 5.5 Value of production by industry major groups

Group of Industries	(Million rupees)				
	1979-80	1980-81	1981-82	1982-83	1983-84
ALL INDUSTRIES	70725	84288	103856	119634	140271
Food manufacturing	13644	17532	23537	25575	28685
Beverage industries	841	994	1382	1524	1608
Tobacco industries	3817	4850	4988	6013	7143
Manufacture of textile	13230	14639	17865	22098	25669
Manufacture of wearing apparel (except footwear)	269	608	705	858	883
Manufacture of leather and leather products (except footwear & wearing apparel)	1360	1195	1338	1828	2533
Manufacture of footwear (Except rubber of plastic footwear)	178	558	142	194	233
Ginning, pressing & baling of fibre	4646	5678	5553	6379	6136
Manufacture of wood and cork products (except furniture)	120	200	208	225	355
Manufacture of furniture & fixture (except primarily metal)	64	85	79	148	130
Manufacturing of paper and paper products	605	1109	1048	1238	1292
Printing, publishing and allied industries	477	555	799	1077	1214
Manufacture of drugs & pharmaceutical products	2199	2655	3162	3368	4287
Manufacture of industrial chemical products	2877	3290	4056	5474	8278
Manufacture of other chemical products	1493	1995	2022	2501	3324
Petroleum refining	8874	12505	15681	15634	16653
Manufacture of misc. products of petroleum and coal	270	481	778	1056	1091
Manufacture of rubber products	795	789	1264	1537	2260
Manufacture of plastic products n.e.c.	361	225	503	615	692
Manufacture of pottery, china and earthenware	92	102	127	209	231
Manufacture of glass and glass products	208	196	403	451	403
Manufacture of non-metallic mineral products	2657	2738	3458	4589	5350
Iron & Steel basic industries	3038	3309	5569	6197	6287
Non-ferrous metal basic industries	99	55	13	24	26
Manufacture of fabricated metal products (except machinery and equipment)	1604	924	993	1081	1321
Manufacture of machinery (except electrical)	1219	1424	2047	2298	4111
Manufacture of electrical machinery	2012	2656	3117	3316	4532
Manufacture of transport equipment	3196	2419	2623	3586	4831
Manufacture of scientific measuring, photographic and optical goods	165	221	195	225	322
Manufacture of sports and athletic goods	88	89	75	155	176
Other manufacturing industries	227	212	126	161	215
All other industries	--	--	--	--	--

Contd.



## MANUFACTURING

## 5.5 Value of production by industry major groups

(Million rupees)

Group of Industries	1984-85	1985-86	1986-87	1987-88	1988-89	1990-91
<b>ALL INDUSTRIES</b>	<b>161388</b>	<b>171124</b>	<b>200555</b>	<b>230886</b>	<b>259215</b>	<b>374859</b>
Food manufacturing	31183	33146	36682	43791	52458	62235
Beverage industries	1986	2292	1930	2379	2890	3092
Tobacco industries	7498	7117	11465	9074	6161	8767
Manufacture of textile	26157	28342	35538	40361	50460	91736
Manufacture of wearing apparel (except footwear)	1553	2123	2830	4152	5036	7019
Manufacture of leather and leather products (except footwear & wearing apparel)	2971	3568	4920	6027	6718	8682
Manufacture of footwear (Except rubber of plastic footwear)	245	359	1272	1525	1885	2100
Ginning, pressing & baling of fibre	9732	10120	9436	12095	11976	19838
Manufacture of wood and cork products (except furniture)	354	445	469	662	580	792
Manufacture of furniture & fixture (except primarily metal)	238	120	261	305	292	563
Manufacturing of paper and paper products	1659	1820	1777	2952	3840	5576
Printing, publishing and allied industries	1416	1570	1834	1947	2042	3752
Manufacture of drugs & pharmaceutical products	4944	5270	5907	7532	9998	14102
Manufacture of industrial chemical	8888	9584	11328	11484	13333	20186
Manufacture of other chemical products	3923	4243	6038	5875	6811	8425
Petroleum refining	19169	20605	17545	19852	16657	30367
Manufacture of misc. products of petroleum and coal	1138	1088	1305	1420	1699	2431
Manufacture of rubber products	2024	2171	1874	2040	2693	3035
Manufacture of plastic products n.e.c.	995	981	1302	1340	1462	1985
Manufacture of pottery, china and earthenware	272	305	326	473	523	599
Manufacture of glass and glass products	590	741	904	1110	1230	1540
Manufacture of non-metallic mineral products	5795	6747	8785	10140	9418	13895
Iron & Steel basic industries	10814	9601	13662	16112	18353	21868
Non-ferrous metal basic industries	28	29	59	75	85	145
Manufacture of fabricated metal products (except machinery and equipment)	1318	1219	1729	2109	2484	3326
Manufacture of machinery (except electrical)	5343	4966	5540	5562	8351	8754
Manufacture of electrical machinery	4668	5196	7055	8668	9849	12408
Manufacture of transport equipment	5505	6341	7627	10195	10665	14529
Manufacture of scientific measuring, photographic and optical goods	443	395	493	706	343	1056
Manufacture of sports and athletic goods	252	302	375	518	527	1489
Other manufacturing industries	287	318	287	405	396	567
All other industries	--	--	--	--	--	--

Note:- The result for 1990-91 CMI was retained on priority basis by skipping 1988-89 and 1989-90.



# MANUFACTURING

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## 5.6 Census value added by industry major groups

(Million rupees)

Group of Industries	1970-71	1975-76	1976-77	1977-78	1978-79
<b>ALL INDUSTRIES</b>	<b>5261</b>	<b>10972</b>	<b>14002</b>	<b>17008</b>	<b>18614</b>
Food manufacturing	855	2430	3234	3479	3548
Beverage industries	40	167	217	280	319
Tobacco industries	572	909	1688	2235	2241
Manufacture of textile	1595	2670	3102	3374	3312
Manufacture of wearing apparel (except footwear)	7	32	53	75	66
Manufacture of leather and leather products (except foot- wear & wearing apparel)	62	116	160	215	444
Manufacture of footwear(Except rubber or plastic footwear)	17	14	20	26	28
Ginning, pressing & baling of fibre	175	98	106	262	513
Manufacture of wood and cork products (except furniture)	8	18	24	18	28
Manufacture of furniture & fixture (except primarily metal)	11	14	10	15	15
Manufacturing of paper and paper products	86	180	197	223	246
Printing, publishing and allied industries	87	124	149	180	204
Manufacture of drugs & pharmaceutical products	228	339	426	670	722
Manufacture of industrial chemical products	248	538	798	860	981
Manufacture of other chemical products	102	211	336	371	422
Petroleum refining	--	--	--	--	916
Manufacture of misc. products of petroleum and coal	--	405	674	934	85
Manufacture of rubber products	69	137	250	251	359
Manufacture of plastic products n.e.c.	8	22	43	51	81
Manufacture of pottery, china and earthenware	10	17	33	43	44
Manufacture of glass and glass products	27	26	42	78	74
Manufacture of non-metallic mineral products	178	392	313	793	873
Iron & Steel basic industries	124	363	543	487	895
Non-ferrous metal basic industries	3	7	7	16	12
Manufacture of fabricated metal products (except machinery and equipment)	92	175	281	221	284
Manufacture of machinery (except electrical)	51	318	309	315	398
Manufacture of electrical machinery	190	346	445	611	635
Manufacture of transport equipment	136	704	331	524	738
Manufacture of scientific measuring, photographic and optical goods	21	50	41	41	52
Manufacture of sports and athletic goods	1	5	1	8	--
Other manufacturing industries	6	17	22	24	25
All other industries	21	44	35	56	52
	231	84	112	272	2

Contd.



## MANUFACTURING

## 5.6 Census value added by industry major groups

(Million rupees)

Group of Industries	1979-80	1980-81	1981-82	1982-83	1983-84
ALL INDUSTRIES	24661	28692	34554	37451	45021
Food manufacturing	4265	5772	7082	7723	7858
Beverage industries	447	524	761	893	962
Tobacco industries	2971	3805	3914	4941	5741
Manufacture of textile	4337	4571	5499	6040	6398
Manufacture of wearing apparel (except footwear)	71	255	278	200	273
Manufacture of leather and leather products (except foot- wear & wearing apparel)	403	305	424	600	686
Manufacture of footwear(Except rubber or plastic footwear)	43	228	35	42	53
Ginning, pressing & baling of fibre	448	764	489	471	592
Manufacture of wood and cork products (except furniture)	40	79	83	88	108
Manufacture of furniture & fixture (except primarily metal)	27	44	30	66	51
Manufacturing of paper and paper products	288	425	408	488	459
Printing, publishing and allied industries	241	216	327	440	461
Manufacture of drugs & pharmaceutical products	1014	1236	1428	1474	1769
Manufacture of industrial chemical products	1257	1589	1870	2736	4393
Petroleum refining	527	707	853	976	1399
Manufacture of misc. products of petroleum and coal	1566	1972	2187	326	1495
Manufacture of rubber products	88	146	167	243	218
Manufacture of plastic products n.e.c.	275	278	498	608	726
Manufacture of pottery, china and earthenware	119	86	165	208	253
Manufacture of glass and glass products	49	55	62	91	101
Manufacture of non-metallic mineral products	107	95	208	233	162
Iron & Steel basic industries	1691	1697	2095	3036	2958
Non-ferrous metal basic industries	981	1143	2714	1916	2299
Manufacture of fabricated metal products (except machinery and equipment)	13	13	4	12	10
Manufacture of machinery (except electrical)	727	303	355	440	576
Manufacture of electrical machinery	430	491	631	891	1471
Manufacture of transport equipment	770	995	1119	1181	1777
Manufacture of scientific measuring, photographic and optical goods	1289	708	741	943	1554
Manufacture of sports and athletic goods	63	85	64	62	97
Other manufacturing industries	28	27	18	24	34
All other industries	86	78	45	59	87
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Contd.



## MANUFACTURING

## 5.6 Census value added by industry major groups

(Million rupees)

Group of Industries	1984-85	1985-86	1986-87	1987-88	1988-89	1990-91
<b>ALL INDUSTRIES</b>	<b>51571</b>	<b>55298</b>	<b>67671</b>	<b>74310</b>	<b>77443</b>	<b>111006</b>
Food manufacturing	9236	9760	9375	11854	13608	15600
Beverage industries	1176	1221	1026	1333	1711	1558
Tobacco industries	5920	5612	9776	7488	5042	7050
Manufacture of textile	8202	8596	10887	12895	16401	29251
Manufacture of wearing apparel (except footwear)	283	625	616	1167	1016	1512
Manufacture of leather and leather products (except foot- wear & wearing apparel)	554	944	393	446	594	1208
Manufacture of footwear(Except rubber of plastic footwear)	48	118	334	545	576	510
Ginning, pressing & baling of fibre	747	1147	632	1091	790	1292
Manufacture of wood and cork products (except furniture)	144	156	137	254	223	296
Manufacture of furniture & fixture (except primarily metal)	89	44	80	89	103	174
Manufacturing of paper and paper products	526	622	592	828	1056	1744
Printing, publishing and allied industries	573	622	758	707	1032	2513
Manufacture of drugs & pharmaceutical products	2055	2369	2343	2802	3797	5141
Manufacture of industrial chemical products	4469	4596	5388	5185	5934	8713
Manufacture of other chemical products	1611	1942	2103	2598	2530	2838
Petroleum refining	719	3914	5539	4379	1662	2273
Manufacture of misc. products of petroleum and coal	268	227	338	550	631	1028
Manufacture of rubber products	648	861	709	695	1088	1068
Manufacture of plastic products n.e.c.	327	318	398	344	422	607
Manufacture of pottery, china and earthenware	120	131	174	261	261	291
Manufacture of glass and glass products	272	351	383	509	557	772
Manufacture of non-metallic mineral products	3167	3597	5203	5710	4981	7353
Iron & Steel basic industries	5441	2194	5051	4827	5362	6146
Non-ferrous metal basic industries	11	12	23	20	22	28
Manufacture of fabricated metal products (except machinery and equipment)	523	468	564	770	856	956
Manufacture of machinery (except electrical)	1269	1340	1263	1319	2158	2801
Manufacture of electrical machinery	1558	1857	1702	2428	2919	4561
Manufacture of transport equipment	1324	1384	1596	2706	1722	2875
Manufacture of scientific measuring, photographic and optical goods	121	80	90	202	115	261
Manufacture of sports and athletic goods	57	69	104	141	137	420
Other manufacturing industries	113	121	94	167	137	166
All other industries	--	--	--	--	--	--

Note:-The result for 1990-91 CMI was retained on priority basis by skipping 1988-89 and 1989-90.