

8. MINING

The activity of mining and quarrying covers underground and surface mines, quarries and wells and includes extraction of minerals and also all the supplemental activities such as dressing and beneficiation of ores, crushing, screening, washing, cleaning, grading, milling floatation, melting, palletising, topping and other preparations carried out at the mine site which are needed to render the material marketable.

This section presents data on quantity, value and Index Numbers of Mineral Production in India, which covers the entire production in the mining and quarrying sector except those minerals which are declared as prescribed substances under the Atomic Energy Act, 1962.

The primary sources of the data on production of minerals other than solid and fossil fuels, atomic minerals and minor minerals are the statutory returns submitted by mine owners to the Indian Bureau of Mines (IBM) under provisions of Rule 45 the Mineral Conservation and Development Rules, 1988. IBM obtains data on coal and lignite from the Office of the Coal Controller, Kolkata and that on petroleum and natural gas from the Ministry of Petroleum & Natural Gas, New Delhi and Sulphur from Fertilizer plants and oil refineries. Statistics relating to "minor minerals" are collected from State Governments.

Data on Minerals, Metals and Mineral Based Product:

Production statistics of natural gas and petroleum (crude) are shown separately for off-shore deposits

Table 8.1 and 8.2

These tables present consolidated data on production and value of minerals other than 'atomic minerals' covered under Atomic Energy Act, 1962 and are based on the basic data received through the statutory returns submitted by the mine owners to the Indian Bureau of Mines under Mineral Conservation and Development Rules (MCDR), 1988 framed under Mines and Minerals Development & Regulation (MMRD) Act, 1957 excepting for coal, lignite, petroleum and natural gas (utilized) and minor minerals. As regards coal & lignite, Coal Controller's Office, Kolkata provides all the basic information for all the States. Data on petroleum and natural gas are received from Ministry of Petroleum and Natural Gas, New Delhi and minor minerals from the various States Governments. Atomic minerals do not fall under the purview of MCDR, 1988 and no data are released for public use on these minerals.

Table 8.3

The Index of Mineral Production (base : 1993-94=100) covers all the minerals in the mining and quarrying sector excepting, atomic minerals. Minor minerals are also represented in the Index of Mineral Production. The Index includes 67 items and these have been classified according to the National Industrial Classification (NIC). In preparing the weighing diagram for the index in question the gross value added has been taken into account instead of the net value added which was employed for the index released previously.

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Table 8.1 - NUMBER OF REPORTING MINES IN INDIA-Contd.

Year/State/ Union Territory	Metallic Minerals-contd.		Non-Metallic Minerals								
	Mangan- ese Ore	Others	Total	Apatite	Asbes- tos	Barytes	Dia- mond	Dolo- mite	Fel- spar	Fire Clay	Gyp- -sum
	13	14	15	16	17	18	19	20	21	22	23
1994-95	171	3	2493	2	55	29	2	119	60	143	41
1997-98	149	2	2166	2	38	20	2	145	57	121	44
1998-99	152	2	2095	2	36	20	2	128	62	108	45
1999-00	133	1	2027	2	37	11	2	115	67	99	44
2000-01	129	1	2030	2	29	14	2	122	59	96	43
2001-02	131	1	2049	2	30	12	2	127	63	91	46
2002-03	133	1	1992	2	25	16	2	101	53	88	42
2003-04	122	2	1958	2	23	18	2	120	40	97	46
2004-05 (P)	118	2	1991	2	16	15	2	113	58	90	42
2004-05 (P)											
State :											
Andhra Pradesh	24	-	317	1	3	12	-	7	18	8	-
Arunachal Pradesh	-	-	0	-	-	-	-	-	-	-	-
Assam	-	-	3	-	-	-	-	-	-	-	-
Bihar	-	-	10	-	-	-	-	-	-	-	-
Chhattisgarh	-	2	62	-	-	-	-	18	-	-	-
Goa	7	-	0	-	-	-	-	-	-	-	-
Gujarat	-	-	338	-	-	-	-	17	-	20	4
Haryana	-	-	2	-	-	-	-	-	-	-	-
Himachal Pradesh	-	-	28	-	-	1	-	-	-	-	-
Jammu & Kashmir	-	-	4	-	-	-	-	-	-	-	1
Jharkhand	2	-	77	-	-	-	-	1	3	7	-
Karnataka	15	-	140	-	-	-	-	12	3	1	-
Kerala	-	-	35	-	-	-	-	-	-	-	-
Madhya Pradesh	19	-	207	-	-	-	2	44	-	16	-
Maharashtra	13	-	70	-	-	-	-	7	-	2	-
Manipur	-	-	0	-	-	-	-	-	-	-	-
Meghalaya	-	-	4	-	-	-	-	-	-	-	-
Orissa	38	-	76	-	-	-	-	5	-	8	-
Rajasthan	-	-	375	-	13	2	-	2	34	11	35
Sikkim	-	-	0	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	176	-	-	-	-	-	-	11	2
Uttar Pradesh	-	-	26	-	-	-	-	-	-	-	-
Uttranchal	-	-	28	-	-	-	-	-	-	-	-
West Bengal	-	-	13	1	-	-	-	-	-	6	-

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Table 8.1 - NUMBER OF REPORTING MINES IN INDIA

Year/State/ Union Territory	Non-Metallic Minerals-Contd.											
	Kaolin	Kyanite	Lime Stone	Magne- site (Crude)	Mica	Phosp- horite	Pyrites	Salt- rock	Silli- manite	Stea- tite	Vermi- culite	Others
1	24	25	26	27	28	29	30	31	32	33	34	35
1994-95	173	7	664	17	95	12	2	2	4	209	10	847
1997-98	166	4	543	15	58	10	1	1	4	174	7	755
1998-99	156	3	534	18	54	10	1	1	4	178	6	728
1999-00	154	3	527	16	37	9	1	1	4	153	8	808
2000-01	137	6	544	15	38	9	1	1	4	162	6	740
2001-02	126	6	568	16	33	11	1	1	4	181	4	725
2002-03	117	5	556	19	32	10	-	1	4	186	3	730
2003-04	118	8	552	15	31	8	-	2	4	168	2	702
2004-05 (P)	120	8	571	17	35	8	-	1	4	175	2	712
2004-05 (P)												
State :												
Andhra Pradesh	11	-	79	-	21	-	-	-	-	33	1	123
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-	-	-
Assam	-	-	3	-	-	-	-	-	-	-	-	-
Bihar	-	-	5	-	1	-	-	-	-	1	-	3
Chhattisgarh	3	-	37	-	-	-	-	-	-	1	-	3
Goa	-	-	-	-	-	-	-	-	-	-	-	-
Gujarat	30	-	114	-	-	-	-	-	-	2	-	151
Haryana	-	-	-	-	-	-	-	-	-	-	-	2
Himachal Pradesh	-	-	26	-	-	-	-	1	-	-	-	-
Jammu & Kashmir	-	-	3	-	-	-	-	-	-	-	-	-
Jharkhand	16	1	19	-	6	-	-	-	-	-	-	24
Karnataka	4	3	59	3	-	-	-	-	-	1	-	54
Kerala	21	-	1	-	-	-	-	-	1	-	-	12
Madhya Pradesh	8	-	80	-	-	3	-	-	-	2	-	52
Maharashtra	1	4	28	-	-	-	-	-	2	-	-	26
Manipur	-	-	-	-	-	-	-	-	-	-	-	-
Meghalaya	-	-	4	-	-	-	-	-	-	-	-	-
Orissa	4	-	14	-	-	-	-	-	1	2	-	42
Rajasthan	17	-	24	3	7	5	-	-	-	107	-	115
Sikkim	-	-	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	74	9	-	-	-	-	-	1	1	78
Uttar Pradesh	-	-	-	-	-	-	-	-	-	-	-	26
Uttranchal	-	-	1	2	-	-	-	-	-	25	-	-
West Bengal	5	-	-	-	-	-	-	-	-	-	-	1

Source : Indian Bureau of Mines, Ministry of Mines

Notes:

1. "All minerals" excludes data for atomic and minor minerals, natural gas and petroleum (crude).
2. Data in respect of Union Territories is nil/negligible.

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Table 8.2 - PRODUCTION OF MINERALS AND ORES BY SELECTED ITEMS

(Value: Rs.'000)

Year/State/ Union Territory	All minerals		Fuels					
	Value **	Total value ***	Coal		Lignite		Natural gas	
			Quantity (th.tonne)	Value	Quantity (th.tonne)	Value	Quantity (1)	Value
1	2	3	4	5	6	7	8	9
1994-95	307363198	255258079	257770	113521920	19256	7384968	17339	32185800
1997-98	441927997	364977958	296656	177241570	23052	9558436	23168	57076774
1998-99	454075632	372382189	296508	188502640	23419	11118437	25705	59248494
1999-00	523066212	426761654	304103	197413300	22124	10510245	26885	71454117
2000-01	587652535	479010302	313696	203519700	24247	14175382	27860	80702400
2001-02	609308233	493240240	327787	216479600	24813	16951200	28038	81391200
2002-03	647846528	530428948	341272	241873900	26018	17426768	29964	87073200
2003-04	713818869	554806920	361156	258877700	27958	20383610	30908	89658000
2004-05 (P)	750181419	572279591	382137	271568047	30341	21846794	30820	89401200
2004-05 (P)								
State:								
Andhra Pradesh	62226082	39534936	35302	33188116	-	-	1696	5088000
Arunachal Pradesh	408133	406610	-	-	-	-	-	-
Assam	30999446	30928062	628	919982	-	-	2053	3695400
Bihar	8644995	-	-	-	-	-	-	-
Chhattisgarh	50458737	37468163	69081	37468163	-	-	-	-
Goa	8287991	-	-	-	-	-	-	-
Gujarat	54562076	49670357	-	-	8226	4509467	3585	10755000
Haryana	1487198	-	-	-	-	-	-	-
Himachal Pradesh	762463	-	-	-	-	-	-	-
Jammu & Kashmir	232894	15663	24	15663	-	-	-	-
Jharkhand	57572357	52483259	78028	52483259	-	-	-	-
Karnataka	21094011	-	-	-	-	-	-	-
Kerala	2528896	-	-	-	-	-	-	-
Madhya Pradesh	51792567	44960726	52683	44960726	-	-	-	-
Maharashtra	33471787	28103498	34529	28103498	-	-	-	-
Manipur	2866	-	-	-	-	-	-	-
Meghalaya	7963014	7830372	5345	7830372	-	-	-	-
Mizoram	8847	-	-	-	-	-	-	-
Nagaland	1774	-	-	-	-	-	-	-
Orissa	58077863	27292362	66080	27292362	-	-	-	-
Punjab	51174	-	-	-	-	-	-	-
Rajasthan	28732244	1036350	-	-	548	403350	211	633000
Sikkim	3040	-	-	-	-	-	-	-
Tamil Nadu	23889739	20995847	-	-	21567	16933977	628	1884000
Tripura	895534	892800	-	-	-	-	496	892800
Uttar Pradesh	25050867	12061361	16803	12061361	-	-	-	-
Uttaranchal	73679	-	-	-	-	-	-	-
West Bengal	28018393	27244545	23634	27244545	-	-	-	-
Union Territory:								
A. & N. Islands	92803	-	-	-	-	-	-	-
Chandigarh	45	-	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-	-
Daman and Diu	381	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-
Pondicherry	1624	-	-	-	-	-	-	-
Bombay High	191354680	191354680	-	-	-	-	22151	66453000
Pvt. & Joint Vent.Cos.	-	-	-	-	-	-	-	-

(1) In million cubic metres (Gas Utilised).

Note: "All Minerals" excludes the value output of 'atomic minerals'.

For notes, please refer to next page.

**It consists of corresponding figures in col nos.(3),(12),(29) and(68)

***It consists of corresponding figures in col nos.(5),(7),(9) and(11)

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Table 8.2 - PRODUCTION OF MINERALS AND ORES BY SELECTED ITEMS-Contd.

(Value: Rs.'000)

Year/State/ Union Territory	Fuels-Contd.			Metallic minerals			
	Petroleum (crude)		Total value*	Bauxite		Chromite	
	Quantity (th.tonne)	Value		Quantity (th.tonne)	Value	Quantity (tonne)	Value
1	10	11	12	13	14	15	16
1994-95	32239	102165391	22113677	4913	894787	1132398	2522328
1997-98	33858	117453402	32841093	6108	1103578	1515286	3045535
1998-99	32722	113512618	33101729	6610	1216754	1418119	2823367
1999-00	31949	147383992	35003275	7054	1301741	1737985	3467169
2000-01	32426	180612820	37285566	7993	1787493	1971806	3649795
2001-02	32032	178418240	39874890	8689	1923096	1548900	2660411
2002-03	33044	184055080	45405837	9867	2175649	3068631	4672625
2003-04	33373	185887610	54861384	10925	2279612	2904809	4321241
2004-05(P)	34015	189463550	54654427	11697	2646750	3639848	6762548
2004-05(P)							
State:							
Andhra Pradesh	226	1258820	549263	-	-	-	-
Arunachal Pradesh	73	406610	-	-	-	-	-
Assam	4724	26312680	-	-	-	-	-
Bihar	-	-	-	-	-	-	-
Chhattisgarh	-	-	10709129	1108	490008	-	-
Goa	-	-	8232904	-	-	-	-
Gujarat	6177	34405890	389139	2351	389139	-	-
Haryana	-	-	-	-	-	-	-
Himachal Pradesh	-	-	-	-	-	-	-
Jammu & Kashmir	-	-	-	-	-	-	-
Jharkhand	-	-	4727934	1509	415069	-	-
Karnataka	-	-	18444502	68	8223	11638	31424
Kerala	-	-	2655	16	2655	-	-
Madhya Pradesh	-	-	2165907	186	45075	-	-
Maharashtra	-	-	1508996	1410	288972	3	12
Manipur	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-
Orissa	-	-	29620439	4748	976696	3628207	6731112
Punjab	-	-	-	-	-	-	-
Rajasthan	-	-	5469508	-	-	-	-
Sikkim	-	-	3040	-	-	-	-
Tamil Nadu	391	2177870	30913	299	30913	-	-
Tripura	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-	-
Uttaranchal	-	-	-	-	-	-	-
West Bengal	-	-	-	-	-	-	-
Union Territory:							
A. & N. Islands	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-
Daman and Diu	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-
Bombay High	22424	124901680	-	-	-	-	-

* The total value of Metallic Minerals for the year 2004-05 also includes the value 84447 Thousand Rupees for Silver and 3525 Thousand Rupees for Tin Conc.

Note: "All Minerals" excludes the value output of atomic minerals'.

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Table 8.2 - PRODUCTION OF MINERALS AND ORES BY SELECTED ITEMS-Contd.

(Value: Rs.'000)

Year/State/ Union Territory	Metallic minerals-Contd.							
	Copper Conc.		Gold		Iron ore		Lead concentrate	
	Quantity (th.tonne)	Value (1)	Quantity (Kilogram)	Value	Quantity (th.tonne)	Value	Quantity (tonne)	Value
	(1)	(1)	19	20	21	22	23	24
1994-95	4767	2089190	2373	1140752	64507	11862407	52724	454657
1997-98	223	3859748	2846	1529751	75723	18197018	60881	688445
1998-99	199	3377249	2683	1726935	72230	18559485	62842	705352
1999-00	165	3105642	2586	1557613	77604	19737556	62899	904011
2000-01	164	3243259	2615	1234926	80587	21179513	54487	797994
2001-02	164	2789293	2810	1281082	86226	24969189	52386	649855
2002-03	152	2184409	3153	1658736	99072	29648653	59107	515245
2003-04	143	2067351	3457	1864804	122838	46497470	73069	546210
2004-05(P)	146	1985554	3526	2145243	142711	59883133	81635	669902
2004-05(P)								
State:								
Andhra Pradesh	-	-	-	-	2680	471282	-	-
Arunachal Pradesh	-	-	-	-	-	-	-	-
Assam	-	-	-	-	-	-	-	-
Bihar	-	..	-	-	-	-	-	-
Chhattisgarh	-	..	-	-	23118	10219121	-	-
Goa	-	-	-	-	22309	8227988	-	-
Gujarat	-	-	-	-	-	-	-	-
Haryana	-	-	-	-	-	-	-	-
Himachal Pradesh	-	-	-	-	-	-	-	-
Jammu & Kashmir	-	-	-	-	-	-	-	-
Jharkhand	-	-	25	15545	16087	4294573	-	-
Karnataka	-	-	3501	2129698	37176	16014935	-	-
Kerala	-	-	-	-	-	-	-	-
Madhya Pradesh	81	1197215	-	-	201	14431	-	-
Maharashtra	-	-	-	-	554	46407	-	-
Manipur	-	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-
Orissa	-	-	-	-	40567	20592848	-	-
Punjab	-	-	-	-	-	-	-	-
Rajasthan	64	785333	-	-	19	1548	81601	669868
Sikkim	-	3006	-	-	-	-	34	34
Tamil Nadu	-	-	-	-	-	-	-	-
Tripura	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-	-	-
Uttaranchal	-	-	-	-	-	-	-	-
West Bengal	-	-	-	-	-	-	-	-
Union Territory:								
A. & N. Islands	-	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-	-
Daman and Diu	-	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-	-
Bombay High	-	-	-	-	-	-	-	-

1. Data is for copper ore up to 1996-97

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Table 8.2 - PRODUCTION OF MINERALS AND ORES BY SELECTED ITEMS-Contd.

Year/State/ Union Territory	(Value: Rs.'000)						
	Metallic minerals-Contd.				Non-Metallic Minerals		
	Manganese ore		Zinc concentrates		Total Value	Apatite	
	Quantity (th.tonne)	Value	Quantity (Tonne)	Value		Quantity (Tonne)	Value
1	25	26	27	28	29	30	31
1994-95	1681	1450570	268813	1396568	11436406	11066	10396
1997-98	1642	1777792	292524	2238754	15912703	7150	8128
1998-99	1538	1738334	349934	2515441	17231979	14031	17225
1999-00	1586	1930972	360138	3067935	18443248	11642	13573
2000-01	1595	1977538	366095	3054820	954074	11117	17815
2001-02	1587	2038908	398837	3052895	1092223	12138	22280
2002-03	1678	2391045	486162	3091248	1143880	11426	21051
2003-04	1776	2793069	590276	3294113	21895769	10448	18320
2004-05(P)	2379	3748440	666972	4012759	23271831	8596	16250
2004-05(P)							
State:							
Andhra Pradesh	102	77981	-	-	3502219	3646	7587
Arunachal Pradesh	-	-	-	-	-	-	-
Assam	-	-	-	-	65002	-	-
Bihar	-	-	-	-	57158	-	-
Chhattisgarh	-	-	-	-	1808045	-	-
Goa	8	4916	-	-	-	-	-
Gujarat	-	-	-	-	1782539	-	-
Haryana	-	-	-	-	-	-	-
Himachal Pradesh	-	-	-	-	578253	-	-
Jammu & Kashmir	-	-	-	-	64498	-	-
Jharkhand	6	2747	-	-	361164	-	-
Karnataka	387	260222	-	-	1102448	-	-
Kerala	-	-	-	-	1101927	-	-
Madhya Pradesh	447	909186	-	-	3308467	-	-
Maharashtra	559	1173605	-	-	930496	-	-
Manipur	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	89762	-	-
Mizoram	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-
Orissa	871	1319783	-	-	716714	-	-
Punjab	-	-	-	-	-	-	-
Rajasthan	-	-	666972	4012759	5463762	-	-
Sikkim	-	-	-	-	-	-	-
Tamil Nadu	-	-	-	-	2218754	-	-
Tripura	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-	-
Uttaranchal	-	-	-	-	73679	-	-
West Bengal	-	-	-	-	46944	4950	8663
Union Territory:							
A. & N. Islands	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-
Daman and Diu	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-
Bombay High	-	-	-	-	-	-	-

Note: Total value for Non-Metallic minerals excludes the value of atomic minerals. It may not tally with that of the details which are for selected items only.

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Table 8.2 - PRODUCTION OF MINERALS AND ORES BY SELECTED ITEMS-Contd.

(Value: Rs.'000)

Year/State/ Union Territory	Non-Metallic minerals-Contd.					
	Kyanite		Lime-stone		Magnesite	
	Quantity (tonne)	Value	Quantity (th.tonne)	Value	Quantity (tonne)	Value
1	48	49	50	51	52	53
1994-95	4564	2052	93207	7362124	334487	256157
1997-98	6068	3208	110417	10367500	373520	379984
1998-99	6134	4081	110968	11077239	349852	386127
1999-00	6191	4746	128762	12611150	325764	377830
2000-01	4865	3578	127338	13474522	317763	380172
2001-02	4225	3146	130912	13848395	287985	350526
2002-03	5327	4643	155744	15569625	278267	350404
2003-04	9057	8494	153390	15933681	323977	411592
2004-05(P)	7710	6585	161462	16768728	381327	529723
2004-05(P)						
State:						
Andhra Pradesh	-	-	28601	2656459	-	-
Arunachal Pradesh	-	-	-	-	-	-
Assam	-	-	422	65002	-	-
Bihar	-	-	242	57024	-	-
Chhattisgarh	-	-	14772	1561479	-	-
Goa	-	-	-	-	-	-
Gujarat	-	-	18166	1723528	-	-
Haryana	-	-	-	-	-	-
Himachal Pradesh	-	-	7083	573124	-	-
Jammu & Kashmir	-	-	201	48671	-	-
Jharkhand	5446	5272	822	164634	-	-
Karnataka	1355	624	12897	1030404	26523	23592
Kerala	-	-	544	162258	-	-
Madhya Pradesh	-	-	24938	2879705	-	-
Maharashtra	909	689	10293	912281	-	-
Manipur	-	-	-	-	-	-
Meghalaya	-	-	444	89762	-	-
Mizoram	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-
Orissa	-	-	2198	368410	-	-
Punjab	-	-	-	-	-	-
Rajasthan	-	-	25182	2738436	171	286
Sikkim	-	-	-	-	-	-
Tamil Nadu	-	-	14636	1735565	308808	473493
Tripura	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-
Uttranchal	-	-	21	1986	45825	32352
West Bengal	-	-	-	-	-	-
Union Territory:						
A. & N. Islands	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-
Daman and Diu	-	-	-	-	-	-
Delhi	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-
Bombay High	-	-	-	-	-	-

MINING

Table 8.2 - PRODUCTION OF MINERALS AND ORES BY SELECTED ITEMS-Concl'd.

(Value: Rs.'000)

Year/State/ Union Territory	Non-Metallic minerals-Concl'd.						Minor* minerals
	Sillimanite		Steatite		Vermiculite		
	Quantity (tonne)	Value	Quantity (tonne)	Value	Quantity (tonne)	Value	Value
1	62	63	64	65	66	67	68
1994-95	9982	23574	408754	187457	1475	2024	18555036
1997-98	12458	44875	474541	340476	4699	3368	28196243
1998-99	12123	48089	481554	345489	4274	3773	31359735
1999-00	14938	56306	557112	322120	3123	3315	42264839
2000-01	15498	58688	595909	377485	5003	5074	51012222
2001-02	14720	54319	598366	362937	5097	7031	55805654
2002-03	13290	44832	688135	393672	5499	6483	70867863
2003-04	19729	67697	726398	335126	4493	4686	82254796
2004-05(P)	28761	122559	749969	358520	3273	4529	99975570
2004-05(P)							
State:							
Andhra Pradesh	-	-	54628	13984	1007	677	18639664
Arunachal Pradesh	-	-	-	-	-	-	1523
Assam	-	-	-	-	-	-	6382
Bihar	-	-	846	127	-	-	8587837
Chhattisgarh	-	-	-	-	-	-	473400
Goa	-	-	-	-	-	-	55087
Gujarat	-	-	142	15	-	-	2720041
Haryana	-	-	-	-	-	-	1487198
Himachal Pradesh	-	-	-	-	-	-	184210
Jammu & Kashmir	-	-	-	-	-	-	152733
Jharkhand	-	-	-	-	-	-	-
Karnataka	-	-	1845	203	-	-	1547061
Kerala	7157	41005	-	-	-	-	1424314
Madhya Pradesh	-	-	520	52	-	-	1357467
Maharashtra	8475	6150	-	-	-	-	2928797
Manipur	-	-	-	-	-	-	2866
Meghalaya	-	-	-	-	-	-	42880
Mizoram	-	-	-	-	-	-	8847
Nagaland	-	-	-	-	-	-	1774
Orissa	13129	75404	6318	734	-	-	448348
Punjab	-	-	-	-	-	-	51174
Rajasthan	-	-	581151	303555	411	33	16762624
Sikkim	-	-	-	-	-	-	-
Tamil Nadu	-	-	3180	509	1855	3819	644225
Tripura	-	-	-	-	-	-	2734
Uttar Pradesh	-	-	-	-	-	-	12989506
Uttanchal	-	-	101339	39341	-	-	-
West Bengal	-	-	-	-	-	-	726904
Union Territory:							
A. & N. Islands	-	-	-	-	-	-	92803
Chandigarh	-	-	-	-	-	-	45
D. & N. Haveli	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	381
Delhi	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	1624
Bombay High	-	-	-	-	-	-	-

Source : Indian Bureau of Mines, Ministry of Mines

*Note: Minor minerals value for 2002-03 also includes value 1793589 for 2003-04 also includes value 10912347 for 2004-05 also include value 28426164 thousand Rupees for Agate,BallClay,Calcite,Chalk,Clay(others)

,Corundum,Diaspore,Dunite,Felsite,Flourite(graded),Flourite(conc.),Garnet (abrasive),Garnet Gem,Graphite(r.o.m),Jasper,Laterite,Li Limeshell,Ochre,Perlite,Pyrophyllite,Pyroxenite,Quartz,Quartzite,Silica Sand,Sand(others), Silver,Shale,Slate,Selenite,Sulphur,Wolla:

TABLE NUMBER 8.2
VALUE OF MINERAL PRODUCTION

(Rs.Crore)



TABLE NUMBER 8.3

INDEX OF MINERAL PRODUCTION (QUANTUM INDEX) (BASE:1993-94=100)

