



MINING

MINING

The activity of mining and quarrying covers underground and surface mines, quarries and wells and includes extraction of minerals and also all the supplementary 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 10.1 and 10.2

These tables present number of reporting mines in India and 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 except 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 10.3

The Index of Mineral Production (base : 1993-94=100) covers all the minerals in the mining and quarrying sector except, 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 10.1 - 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
1	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
2005-06 (P)	107	2	1809	2	10	13	2	103	37	77	35
2005-06 (P)											
State :											
Andhra Pradesh	22	-	324	1	3	10	-	8	10	9	-
Arunachal Pradesh	-	-	0	-	-	-	-	-	-	-	-
Assam	-	-	4	-	-	-	-	-	-	-	-
Bihar	-	-	9	-	-	-	-	-	-	-	-
Chhattisgarh	-	2	61	-	-	-	-	18	-	-	-
Goa	4	-	0	-	-	-	-	-	-	-	-
Gujarat	-	-	312	-	-	-	-	15	-	19	3
Haryana	-	-	1	-	-	-	-	-	-	-	-
Himachal Pradesh	-	-	28	-	-	1	-	-	-	-	-
Jammu & Kashmir	-	-	4	-	-	-	-	-	-	-	1
Jharkhand	1	-	79	-	-	-	-	1	4	9	-
Karnataka	13	-	136	-	-	-	-	11	2	1	-
Kerala	-	-	33	-	-	-	-	-	-	-	-
Madhya Pradesh	21	-	196	-	-	-	2	37	-	14	-
Maharashtra	13	-	63	-	-	-	-	7	-	2	-
Manipur	-	-	0	-	-	-	-	-	-	-	-
Meghalaya	-	-	5	-	-	-	-	-	-	-	-
Orissa	33	-	67	-	-	-	-	6	-	6	-
Rajasthan	-	-	259	-	7	2	-	-	21	4	31
Sikkim	-	-	0	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	168	-	-	-	-	-	-	9	-
Uttar Pradesh	-	-	19	-	-	-	-	-	-	-	-
Uttanchal	-	-	30	-	-	-	-	-	-	-	-
West Bengal	-	-	11	1	-	-	-	-	-	4	-

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Table 10.1 - NUMBER OF REPORTING MINES IN INDIA-Concl'd.

Year/State/ Union Territory	Non-Metallic Minerals-Contd.											
	Kaolin	Kyanite	Lime Stone	Magne- site	Mica (Crude)	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
2005-06 (P)	110	10	549	12	32	5	-	1	4	164	3	640
2005-06 (P)												
State :												
Andhra Pradesh	9	-	86	-	22	-	-	-	-	37	2	127
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-	-	-
Assam	-	-	4	-	-	-	-	-	-	-	-	-
Bihar	-	-	5	-	-	-	-	-	-	1	-	3
Chhattisgarh	3	-	36	-	-	-	-	-	-	1	-	3
Goa	-	-	-	-	-	-	-	-	-	-	-	-
Gujarat	30	-	88	-	-	-	-	-	-	2	-	155
Haryana	-	-	-	-	-	-	-	-	-	-	-	1
Himachal Pradesh	-	-	26	-	-	-	-	1	-	-	-	-
Jammu & Kashmir	-	-	3	-	-	-	-	-	-	-	-	-
Jharkhand	14	2	20	-	4	-	-	-	-	-	-	25
Karnataka	4	3	57	3	-	-	-	-	-	1	-	54
Kerala	20	-	1	-	-	-	-	-	1	-	-	11
Madhya Pradesh	6	-	85	-	-	3	-	-	-	1	-	48
Maharashtra	1	5	23	-	-	-	-	-	2	-	-	23
Manipur	-	-	-	-	-	-	-	-	-	-	-	-
Meghalaya	-	-	5	-	-	-	-	-	-	-	-	-
Orissa	4	-	15	-	-	-	-	-	1	3	-	32
Rajasthan	14	-	20	-	6	2	-	-	-	89	-	63
Sikkim	-	-	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	75	7	-	-	-	-	-	1	1	75
Uttar Pradesh	-	-	-	-	-	-	-	-	-	-	-	19
Uttranchal	-	-	-	2	-	-	-	-	-	28	-	-
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 10.2 - 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
2005-06 (P)	838803504	614847844	407222	323543060	30049	21521104	31223	90407400
2005-06 (P)								
State:								
Andhra Pradesh	69390067	41805514	36141	35624544	-	-	1650	4950000
Arunachal Pradesh	575233	573710	-	-	-	-	-	-
Assam	30888808	30819876	1100	1798886	-	-	2238	4028400
Bihar	10925548	-	-	-	-	-	-	-
Chhattisgarh	64045800	46010640	76332	46010640	-	-	-	-
Goa	10697398	-	-	-	-	-	-	-
Gujarat	56312949	50900513	-	-	8932	4973873	3701	11103000
Haryana	1487198	-	-	-	-	-	-	-
Himachal Pradesh	803166	-	-	-	-	-	-	-
Jammu & Kashmir	343445	12889	19	12889	-	-	-	-
Jharkhand	76497767	70181013	85167	70181013	-	-	-	-
Karnataka	28293178	-	-	-	-	-	-	-
Kerala	2819310	-	-	-	-	-	-	-
Madhya Pradesh	61249053	52667130	55421	52667130	-	-	-	-
Maharashtra	38226845	33574316	36070	33574316	-	-	-	-
Manipur	2866	-	-	-	-	-	-	-
Meghalaya	8609059	8469165	5781	8469165	-	-	-	-
Mizoram	755	-	-	-	-	-	-	-
Nagaland	1774	-	-	-	-	-	-	-
Orissa	75062491	30634442	70327	30634442	-	-	-	-
Punjab	51174	-	-	-	-	-	-	-
Rajasthan	33780855	1214507	-	-	680	500507	238	714000
Sikkim	4038	-	-	-	-	-	-	-
Tamil Nadu	23835862	20795174	-	-	20437	16046724	868	2604000
Tripura	866421	864000	-	-	-	-	480	864000
Uttar Pradesh	27739845	12872306	15952	12872306	-	-	-	-
Uttaranchal	430982	-	-	-	-	-	-	-
West Bengal	32472471	31697729	24912	31697729	-	-	-	-
Union Territory:								
A. & N. Islands	46194	-	-	-	-	-	-	-
Chandigarh	2	-	-	-	-	-	-	-
D.& N. Haveli	-	-	-	-	-	-	-	-
Daman and Diu	375	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-
Pondicherry	1624	-	-	-	-	-	-	-
Bombay High	181754920	181754920	-	-	-	-	22048	66144000
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 10.2 - 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
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
2005-06 (P)	32204	179376280	114738035	12336	2860442	3422880	9778694
2005-06(P)							
State:							
Andhra Pradesh	221	1230970	1066991	-	-	-	-
Arunachal Pradesh	103	573710	-	-	-	-	-
Assam	4487	24992590	-	-	-	-	-
Bihar	-	-	-	-	-	-	-
Chhattisgarh	-	-	15246315	1349	384503	-	-
Goa	-	-	10364373	-	-	-	-
Gujarat	6252	34823640	376507	2897	376507	-	-
Haryana	-	-	-	-	-	-	-
Himachal Pradesh	-	-	-	-	-	-	-
Jammu & Kashmir	-	-	-	-	-	-	-
Jharkhand	-	-	5704669	1514	460361	-	-
Karnataka	-	-	26914625	57	5375	8817	33624
Kerala	-	-	1498	10	1498	-	-
Madhya Pradesh	-	-	3049254	100	23390	-	-
Maharashtra	-	-	2475609	1239	492690	-	-
Manipur	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-
Orissa	-	-	42638351	4871	1085578	3414063	9745070
Punjab	-	-	-	-	-	-	-
Rajasthan	-	-	6622538	-	-	-	-
Sikkim	-	-	4038	-	-	-	-
Tamil Nadu	385	2144450	30540	300	30540	-	-
Tripura	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-	-
Uttaranchal	-	-	-	-	-	-	-
West Bengal	-	-	-	-	-	-	-
Union Territory:							
A. & N. Islands	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-
Daman and Diu	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-
Bombay High	20756	115610920	-	-	-	-	-

* The total value of Metallic Minerals for the year 2005-06 also includes the value 227870 Thousand Rupees for Silver and 14857 Thousand Rupees for Tin Conc.

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

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Table 10.2 - 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	Value	Quantity	Value	Quantity	Value	Quantity	Value
	(th.tonne)	(1)	(Kilogram)		(th.tonne)		(tonne)	
1	17	18	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
2005-06(P)	123	2245556	2883	1959179	154436	86905259	97572	708169
2005-06(P)								
State:								
Andhra Pradesh	-	-	-	-	3958	984840	-	-
Arunachal Pradesh	-	-	-	-	-	-	-	-
Assam	-	-	-	-	-	-	-	-
Bihar	-	-	-	-	-	-	-	-
Chhattisgarh	-	-	-	-	24750	14861812	-	-
Goa	-	-	-	-	23744	10360320	-	-
Gujarat	-	-	-	-	-	-	-	-
Haryana	-	-	-	-	-	-	-	-
Himachal Pradesh	-	-	-	-	-	-	-	-
Jammu & Kashmir	-	-	-	-	-	-	-	-
Jharkhand	-	-	34	23064	17435	5220725	-	-
Karnataka	-	-	2849	1936115	33669	24678285	-	-
Kerala	-	-	-	-	-	-	-	-
Madhya Pradesh	61	1284685	-	-	465	39233	-	-
Maharashtra	-	-	-	-	517	77863	-	-
Manipur	-	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-
Orissa	-	-	-	-	49880	30680736	-	-
Punjab	-	-	-	-	-	-	-	-
Rajasthan	63	956833	-	-	18	1445	97572	708169
Sikkim	-	4038	-	-	-	-	-	-
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 10.2 - PRODUCTION OF MINERALS AND ORES BY SELECTED ITEMS-Contd.

Year/State/ Union Territory	Metallic minerals-Contd.				(Value: Rs./'000)		
	Manganese ore		Zinc concentrates		Total Value	Non-Metallic Minerals Apatite	
	Quantity (th.tonne)	Value	Quantity (Tonne)	Value		Quantity (Tonne)	Value
	1	25	26	27	28	29	30
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
2005-06(P)	2003	5081918	893287	4956091	25886506	9053	17399
2005-06(P)							
State:							
Andhra Pradesh	86	82151	-	-	3914233	3899	8379
Arunachal Pradesh	-	-	-	-	-	-	-
Assam	-	-	-	-	62550	-	-
Bihar	-	-	-	-	75274	-	-
Chhattisgarh	-	-	-	-	2085471	-	-
Goa	5	4053	-	-	-	-	-
Gujarat	-	-	-	-	2043536	-	-
Haryana	-	-	-	-	-	-	-
Himachal Pradesh	-	-	-	-	638666	-	-
Jammu & Kashmir	-	-	-	-	69068	-	-
Jharkhand	1	519	-	-	612085	-	-
Karnataka	342	261226	-	-	1155936	-	-
Kerala	-	-	-	-	1393498	-	-
Madhya Pradesh	423	1701946	-	-	3213617	-	-
Maharashtra	511	1905056	-	-	998050	-	-
Manipur	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	97014	-	-
Mizoram	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-
Orissa	636	1126967	-	-	932931	-	-
Punjab	-	-	-	-	-	-	-
Rajasthan	-	-	893287	4956091	6059902	-	-
Sikkim	-	-	-	-	-	-	-
Tamil Nadu	-	-	-	-	2401177	-	-
Tripura	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-	-
Uttaranchal	-	-	-	-	85660	-	-
West Bengal	-	-	-	-	47838	5154	9020
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.

Table 10.2 - 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
2005-06(P)	7341	6579	170378	19019764	351495	488552
2005-06(P)						
State:						
Andhra Pradesh	-	-	31372	3118670	-	-
Arunachal Pradesh	-	-	-	-	-	-
Assam	-	-	406	62550	-	-
Bihar	-	-	313	74871	-	-
Chhattisgarh	-	-	14826	1838530	-	-
Goa	-	-	-	-	-	-
Gujarat	-	-	18911	1963299	-	-
Haryana	-	-	-	-	-	-
Himachal Pradesh	-	-	7585	634998	-	-
Jammu & Kashmir	-	-	228	52074	-	-
Jharkhand	5388	5191	1488	322013	-	-
Karnataka	453	246	13163	1096053	8277	8760
Kerala	-	-	585	174244	-	-
Madhya Pradesh	-	-	26016	2886274	-	-
Maharashtra	1500	1142	10118	973761	-	-
Manipur	-	-	-	-	-	-
Meghalaya	-	-	550	97014	-	-
Mizoram	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-
Orissa	-	-	2596	500947	-	-
Punjab	-	-	-	-	-	-
Rajasthan	-	-	26666	3265553	-	-
Sikkim	-	-	-	-	-	-
Tamil Nadu	-	-	15555	1958913	287058	436016
Tripura	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-
Uttranchal	-	-	-	-	56160	43776
West Bengal	-	-	-	-	-	-
Union Territory:						
A. & N. Islands	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-
D.& N. Haveli	-	-	-	-	-	-
Daman and Diu	-	-	-	-	-	-
Delhi	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-
Bombay High	-	-	-	-	-	-

MINING

Table 10.2 - PRODUCTION OF MINERALS AND ORES BY SELECTED ITEMS-Concl.d.

(Value: Rs.'000)

Year/State/ Union Territory	Non-Metallic minerals-Concl.d.						Minor* minerals Value
	Sillimanite		Steatite		Vermiculite		
	Quantity (tonne)	Value	Quantity (tonne)	Value	Quantity (tonne)	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
2005-06 (P)	32278	170546	627216	291057	4774	4657	83331119
2005-06(P)							
State:							
Andhra Pradesh	-	-	71099	20002	2429	1201	22603329
Arunachal Pradesh	-	-	-	-	-	-	1523
Assam	-	-	-	-	-	-	6382
Bihar	-	-	2669	403	-	-	10850274
Chhattisgarh	-	-	-	-	-	-	703374
Goa	-	-	-	-	-	-	333025
Gujarat	-	-	365	36	-	-	2992393
Haryana	-	-	-	-	-	-	1487198
Himachal Pradesh	-	-	-	-	-	-	164500
Jammu & Kashmir	-	-	-	-	-	-	261488
Jharkhand	-	-	-	-	-	-	-
Karnataka	-	-	925	92	-	-	222617
Kerala	10713	73859	-	-	-	-	1424314
Madhya Pradesh	-	-	2700	270	-	-	2319052
Maharashtra	8358	7466	-	-	-	-	1178870
Manipur	-	-	-	-	-	-	2866
Meghalaya	-	-	-	-	-	-	42880
Mizoram	-	-	-	-	-	-	755
Nagaland	-	-	-	-	-	-	1774
Orissa	13207	89221	8883	1026	-	-	856767
Punjab	-	-	-	-	-	-	51174
Rajasthan	-	-	441663	227231	929	93	19883908
Sikkim	-	-	-	-	-	-	-
Tamil Nadu	-	-	750	113	1416	3363	608971
Tripura	-	-	-	-	-	-	2421
Uttar Pradesh	-	-	-	-	-	-	14867539
Uttaranchal	-	-	98162	41884	-	-	345322
West Bengal	-	-	-	-	-	-	726904
Union Territory:							
A. & N. Islands	-	-	-	-	-	-	46194
Chandigarh	-	-	-	-	-	-	2
D. & N. Haveli	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	375
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 includes value 28426164 the value 28426164 thousand Rupees for 2005-06 also includes 1343304 thousands rupees for Agate, Ball Clay, Calcite, Chalk, Clay (others), Corundum, Diaspore, Dunite, Felsite, Fluorite (graded), Fluorite (conc.), Garnet (abrasive), Garnet Gem, Graphite (r.o.m.), Jasper, Laterite, Limekankar, Limeshell, Ochre, Perlite, Pyrophyllite, Pyroxenite, Quartz, Quartzite, Silica Sand, Sand (others), Silver, Shale, Slate, Selenite, Sulphur, Wollastonite.

MINING

Table 10.3 - INDEX OF MINERAL PRODUCTION
(Quantum Index)

(Base: 1993-94 = 100)

Mineral	Weight	2000-01	2003-04	2004-05	2005-06 P
1	2	3	4	5	6
All minerals	1000.000	131.15	146.93	154.15	155.40
1. Fuel Minerals	857.180	130.39	142.21	146.57	147.36
1.1 Coal Mining	324.628	126.59	145.78	154.62	163.91
1.1.1 Coal	307.610	126.14	145.26	153.85	163.75
1.1.2 Lignite	17.018	134.65	155.25	168.46	166.86
1.2 Petroleum & Natural Gas	532.552	132.71	140.03	141.67	137.27
1.2.1 Natural Gas utilised	134.182	170.50	189.16	188.62	191.08
1.2.2 Petroleum (Crude)	398.370	119.98	123.48	125.86	119.15
2 Minerals under MCDR'88	123.092	134.41	180.36	208.55	213.24
2. 1 Metallic Minerals	80.765	130.49	187.31	221.07	228.16
2.1.1 Bauxite	3.877	144.41	197.38	216.16	222.86
2.1.2 Chromite	11.017	185.20	272.83	340.14	321.49
2.1.3 Copper Ore	8.352	69.84	57.95	58.48	52.76
2.1.4 Gold	5.363	126.02	166.60	169.93	146.99
2.1.5 Iron Ore	38.428	135.11	205.95	244.68	258.93
2.1.6 Lead Concentrates	1.650	101.18	135.69	151.67	181.19
2.1.7 Manganese Ore	6.122	94.07	104.72	140.70	118.12
2.1.8 Tin Concentrates	0.055	10.19	12.23	18.46	77.54
2.1.9 Tungsten	0.004	0.00	0.00	0.00	0.00
2.1.10 Zinc concentrates	5.897	126.17	203.44	229.68	307.87
2.2 Non-metallic minerals	42.327	141.89	167.10	184.66	184.79
2.2.1 Agate	0.002	16.55	7.59	3.45	0.69
2.2.2 Apatite	0.053	90.07	84.65	69.65	73.35
2.2.3 Asbestos	0.069	36.90	24.22	15.32	5.67
2.2.4 Ball Clay	0.184	125.65	227.95	173.31	95.51
2.2.5 Barytes	1.084	160.54	137.38	220.20	226.06
2.2.6 Calcareous Sand	0.089	0.00	0.00	0.00	0.00
2.2.7 Calcite	0.080	85.10	172.80	94.62	103.59
2.2.8 Chalk	0.105	118.04	107.12	118.44	1133.78
2.2.9 Clay (others)	0.006	559.85	1867.71	2933.16	2606.98
2.2.10 Corundum	0.010	32.40	565.12	89.62	280.07
2.2.11 Corundum (Ruby)	0.002	0.00	0.00	0.00	0.00
2.2.12 Diamond	0.471	298.65	370.72	407.43	229.79
2.2.13 Diaspore	0.059	77.85	121.71	185.62	209.57
2.2.14 Dolomite	3.082	88.07	117.66	126.02	128.60
2.2.15 Dunitite	0.037	972.42	179.54	120.05	215.83

MINING

Table 10.3 - INDEX OF MINERAL PRODUCTION - Concl.
(Quantum Index)

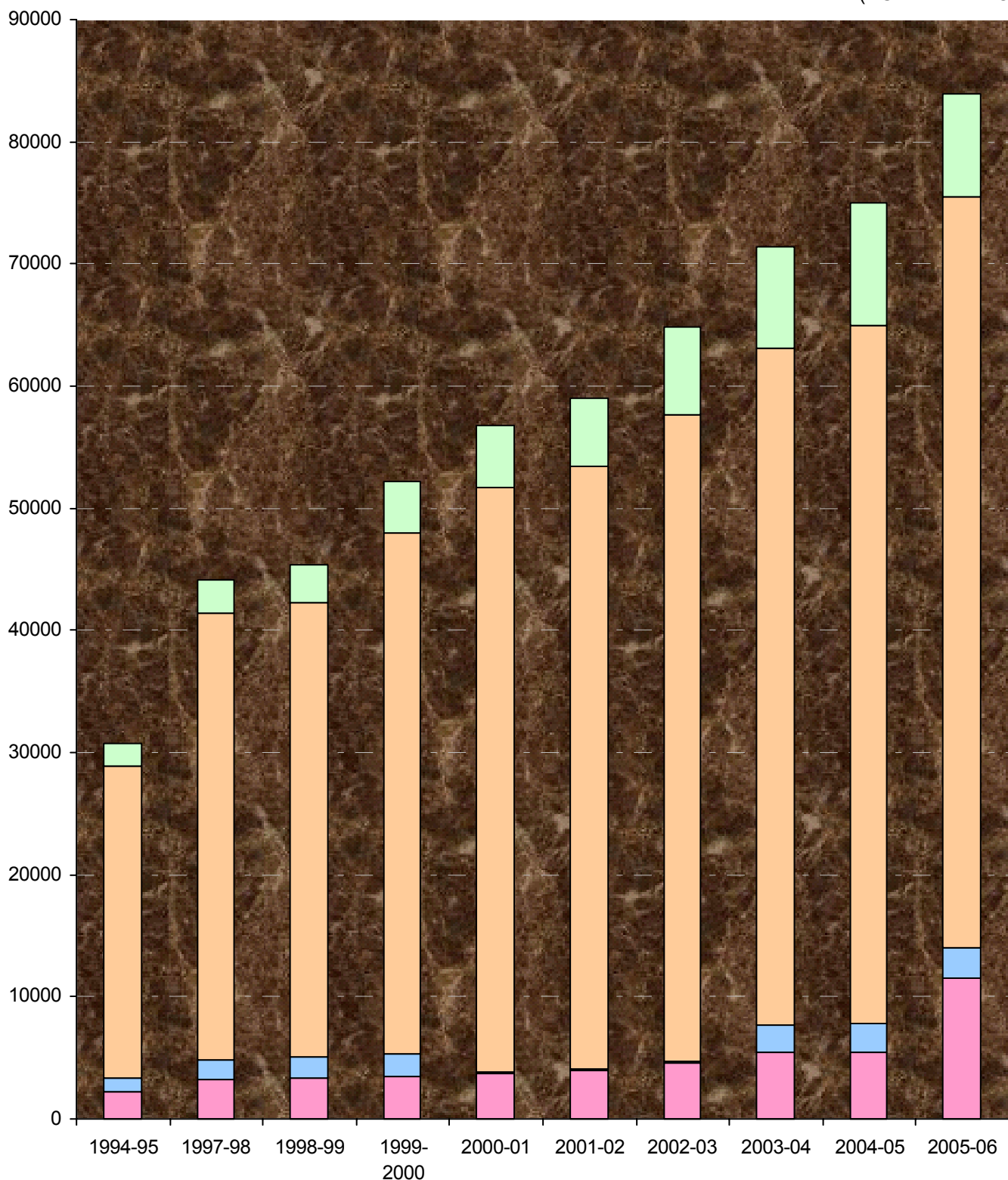
(Base: 1993-94 = 100)

Mineral	Weight	2000-01	2003-04	2004-05	2005-06 P
1	2	3	4	5	6
2.2.16 Felsite	0.003	96.27	98.24	70.85	73.65
2.2.17 Felspar	0.042	206.04	381.18	434.92	370.52
2.2.18 Fireclay	0.170	113.91	153.59	154.88	113.54
2.2.19 Fluorite (concentrates)	0.643	14.28	25.64	33.89	16.53
2.2.20 Fluorite (Graded)	0.056	85.92	148.91	142.91	40.30
2.2.21 Fusch. Quartzite	0.000	0.00	0.00	0.00	0.00
2.2.22 Garnet (Abrasive)	0.044	480.04	1014.60	1327.59	1404.83
2.2.23 Garnet (Gem)	0.000	59.69	64.68	10.70	0.00
2.2.24 Graphite	0.113	148.64	103.87	128.82	1433.16
2.2.25 Gypsum	1.199	158.20	164.57	218.61	186.12
2.2.26 Jasper	0.005	90.73	45.59	22.77	10.44
2.2.27 Kaolin	1.539	135.31	139.03	144.73	169.99
2.2.28 Kyanite	0.023	45.31	84.36	76.45	68.38
2.2.29 Laterite	0.102	133.15	182.09	208.87	204.76
2.2.30 Limekankar	0.036	185.67	290.74	381.62	278.87
2.2.31 Limeshell	0.083	86.42	137.39	139.71	110.95
2.2.32 Limestone	25.010	153.13	184.47	199.32	204.88
2.2.33 Magnesite	1.127	84.83	86.49	102.50	93.83
2.2.34 Mica (Crude)	0.078	54.28	50.61	60.02	59.22
2.2.35 Ochre	0.073	192.89	474.14	454.05	454.83
2.2.36 Perlite	0.001	107.87	109.84	131.89	48.03
2.2.37 Phosphorite	4.488	130.44	138.67	166.39	132.59
2.2.38 Pyrites	0.073	0.00	0.00	0.00	0.00
2.2.39 Pyrophyllite	0.063	160.59	190.81	293.62	196.30
2.2.40 Quartz	0.092	170.52	161.70	179.61	141.16
2.2.41 Quartzite	0.087	58.85	70.92	103.25	114.89
2.2.42 Salt (Rock)	0.009	81.61	58.48	99.13	60.35
2.2.43 Sand (Others)	0.192	125.79	82.49	103.55	81.86
2.2.44 Shale	0.021	430.45	986.19	1152.48	1417.36
2.2.45 Silica Sand	0.620	124.27	133.39	103.13	123.25
2.2.46 Sillimanite	0.120	126.13	160.57	249.95	262.70
2.2.47 Slate	0.008	100.19	113.50	58.09	19.01
2.2.48 Steatite	0.731	141.46	172.44	162.48	148.89
2.2.49 Vermiculite	0.010	215.46	193.50	145.43	205.60
2.2.50 Wollastonite	0.133	196.51	243.13	274.54	207.29
3.Minor Menerals	19.728	143.76	143.76	143.76	143.76
3.1 Granite	9.790	126.75	126.75	126.75	126.75
3.2 Marble	9.008	169.06	169.06	169.06	169.06
3.3 Slate	0.930	77.67	77.67	77.67	77.67

Source: Indian Bureau of Mines,
Ministry of Mines

TABLE NUMBER 10.2
VALUE OF MINERAL PRODUCTION

(RS.TEN MILLION)



■ METALLIC MINERALS

■ NON-METALLIC MINERALS

■ FUELS

■ MINOR MINERALS

TABLE NUMBER 10.3

INDEX OF MINERAL PRODUCTION (QUANTUM INDEX)

(BASE:1993-94=100)

