

GOVERNMENT OF INDIA  
MINISTRY OF MINES  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 117**  
ANSWERED ON 02.02.2022

**MINES PRODUCTION**

117. SHRI MANNE SRINIVAS REDDY:

Will the Minister of MINES be pleased to state:

(a) Whether India's mines production has improved as compared to earlier years among other countries; and

(b) if so, the details and present status thereof and the further effective action taken in this regard?

**ANSWER**

THE MINISTER OF MINES, COAL AND PARLIAMENTARY AFFAIRS  
(SHRI PRALHAD JOSHI)

(a) & (b): As per the returns submitted under Mineral Conservation and Development Rules (MCDR) 2017, the production of few minerals viz. Garnet, Kyanite, Lead & Zinc ore, Lead Concentrate, Marl, Phosphorite, Rock salt, Siliceous earth, Silver, Tin Concentrate and Zinc Concentrate has improved during the year 2020-21 as compared to the previous year. The mineral wise production of minerals under MCDR 2017 during 2018-19 to 2020-21 is at **Annexure-I**.

India is among the top producers in the world of key minerals like bauxite, chromite, iron ore and manganese ore. The production of these minerals in the respective top ten countries during the period 2015-2019, as given in *World Mineral Production 2015-2019* of British Geological Survey, along with growth, contribution to world total (2019) and rank (in 2019) is at **Annexure-II**. The compound annual growth rate (CAGR) during 2015-2019 of iron ore production in India was the second highest among the top ten producers. The CAGR of both chromium ore & concentrates and manganese ore in India were higher than the global CAGR.

The Government has taken several policy reform measures to enhance production and increase the availability of minerals. The measures, *inter-alia*, include early auction and operationalization of expired mines; ease of doing business; seamless transfer of all valid rights and approvals; incentivizing for starting of mining operation and dispatch; transfer of mining leases; allowing captive mines to sell up to 50% of the minerals produced; enhancing exploration activities, etc.

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**Annexure-I**

**Annexure-I referred to in reply to LS USQ No. 117 answered on 02.02.2022 regarding 'MINES PRODUCTION'**

**Production of minerals under MCDR, 2017 during 2018-19 to 2020-21**

<b>Mineral</b>	<b>Unit</b>	<b>2018-19</b>	<b>2019-20(P)</b>	<b>2020-21(P)</b>
Bauxite	t	2,36,89,619	2,18,23,793	2,03,68,665
Chromite	t	39,70,691	39,29,260	28,63,869
Copper Concentrate	t	1,43,668	1,24,692	1,08,719
Copper Ore	t	41,34,702	39,52,418	33,77,850
Diamond	crt	38,437	28,816	13,917
Fluorite (Graded)	t	1,079	1,315	1,052
Garnet	t	1,23,404	552	9,307
Gold Ore	t	5,65,653	5,91,251	4,50,611
Gold Primary	kg	1,664	1,724	1,126
Graphite	t	39,030	31,991	30,168
Iolite	kg	73	90	16
Iron Ore	tht	2,06,495	2,46,081	2,04,482
Kyanite	t	4,889	3,497	4,925
Lead & Zinc Ore	t	1,37,52,295	1,44,79,032	1,54,55,343
Lead Concentrate	t	3,58,369	3,51,271	3,76,924
Limeshell	t	7,534	4,600	-
Limestone	tht	3,79,975	3,59,331	3,49,170
Magnesite	t	1,46,875	97,684	78,144
Manganese Ore	t	28,32,314	29,04,372	26,88,038
Marl	t	18,90,308	21,09,422	22,02,331
Moulding Sand	t	14,805	12,805	11,737
Phosphorite	t	14,21,086	14,00,186	14,55,627
Rock Salt	t	17	130	486
Selenite	t	2,906	2,290	202
Siliceous Earth	t	80,237	13,900	18,429
Sillimanite	t	69,919	13,236	11,110
Silver	kg	6,79,386	6,09,340	7,05,795
Sulphur	t	8,90,400	9,00,942	7,37,337
Tin Concentrate	kg	21,212	15,546	16,865
Vermiculite	t	2,992	2,774	1,260
Wollastonite	t	1,84,063	1,24,757	1,03,902
Zinc Concentrate	t	14,56,804	14,46,823	15,13,996

*Source: MCDR Returns, Indian Bureau of Mines*

*(P): Provisional; (t): tonne; (tht): thousand tonne; (crt): carat; (kg): kilogram*

## Annexure-II

**Annexure-II referred to in reply to LS USQ No. 117 answered on 02.02.2022 regarding 'MINES PRODUCTION'**

**Production of bauxite, iron ore, chromium ore & concentrate and manganese ore in the respective top ten countries during the period 2015-2019 along with growth, contribution to world total (2019) and rank (in 2019)**

<b>Production of Bauxite (Million Tonne)</b>									
#	Country	2015	2016	2017	2018	2019	CAGR (%) 2015-2019	Contribution 2019 (%)	Rank 2019
1	Australia	80.91	83.52	89.42	95.95	105.54	6.87	30.41	1
2	Brazil	37.06	39.24	39.24	38.12	31.94	-3.65	9.20	4
3	China	60.79	66.16	69.00	70.75	62.00	0.49	17.86	3
4	Guinea	20.91	32.42	0.57	59.57	70.17	35.36	20.22	2
5	<b>India</b>	<b>28.12</b>	<b>24.75</b>	<b>22.79</b>	<b>23.69</b>	<b>21.82</b>	<b>-6.14</b>	<b>6.29</b>	<b>5</b>
6	Indonesia	0.61	1.49	4.20	13.24	16.59	128.28	4.78	6
7	Jamaica	9.63	8.54	8.24	10.06	9.02	-1.61	2.60	7
8	Kazakhstan	4.68	4.80	4.85	5.74	3.81	-5.01	1.10	10
9	Russia	5.40	5.43	5.52	5.65	5.57	0.81	1.61	8
10	Saudi Arabia	3.02	4.77	4.12	4.32	4.78	12.15	1.38	9
	<b>World</b>	<b>293.50</b>	<b>28.93</b>	<b>316.20</b>	<b>343.00</b>	<b>347.10</b>	<b>4.28</b>	<b>-</b>	<b>-</b>

<b>Production of Iron Ore (Million Tonne)</b>									
#	Country	2015	2016	2017	2018	2019	CAGR (%) 2015-2019	Contribution 2019 (%)	Rank 2019
1	Australia	809.88	858.03	885.36	907.82	918.73	3.20	30.22	1
2	Brazil	430.84	424.20	453.70	450.39	396.84	-2.03	13.05	3
3	China	1381.29	1280.89	1229.37	763.37	844.36	-11.58	27.77	2
4	Canada	46.67	49.00	51.84	52.36	59.01	6.04	1.94	9
5	<b>India</b>	<b>158.11</b>	<b>194.58</b>	<b>201.43</b>	<b>206.50</b>	<b>246.08</b>	<b>11.69</b>	<b>8.09</b>	<b>4</b>
6	Iran	58.49	65.00	75.84	93.37	93.37	12.40	3.07	6
7	Russia	101.00	101.00	95.00	96.10	97.50	-0.88	3.21	5
8	South Africa	73.22	66.46	74.64	74.26	72.43	-0.27	2.38	7
9	Ukraine	66.90	62.88	60.57	60.55	63.20	-1.41	2.08	8
10	USA	46.10	41.80	47.90	49.50	46.80	0.38	1.54	10
	<b>World</b>	<b>3359.00</b>	<b>3319.00</b>	<b>3360.00</b>	<b>2945.00</b>	<b>3040.00</b>	<b>-2.46</b>	<b>-</b>	<b>-</b>

Production of chromium ores and concentrates (Million Tonne)									
#	Country	2015	2016	2017	2018	2019	CAGR (%) 2015-2019	Contribution 2019 (%)	Rank 2019
1	Albania	0.64	0.73	0.81	1.14	1.20	17.02	3.11	6
2	Brazil	0.53	0.50	0.54	0.57	0.51	-0.76	1.32	10
3	Finland	0.95	1.07	0.97	1.10	1.18	5.76	3.07	7
4	<b>India</b>	<b>2.92</b>	<b>3.73</b>	<b>3.48</b>	<b>3.97</b>	<b>3.93</b>	<b>7.74</b>	<b>10.18</b>	<b>3</b>
5	Kazakhstan	5.38	5.54	6.31	6.89	7.02	6.86	18.18	2
6	Oman	0.44	0.45	0.63	0.88	0.61	8.25	1.57	9
7	Russia	0.50	0.49	0.43	0.47	0.70	8.54	1.81	8
8	South Africa	15.68	14.71	16.59	17.83	17.66	3.02	45.76	1
9	Turkey	2.52	2.02	2.55	2.90	3.36	7.54	8.71	4
10	Zimbabwe	0.21	0.11	0.69	0.89	1.55	65.16	4.02	5
	<b>World</b>	<b>30.50</b>	<b>30.10</b>	<b>33.90</b>	<b>37.50</b>	<b>38.60</b>	<b>6.06</b>	-	-

Production of Manganese ore (Million Tonne)									
#	Country	2015	2016	2017	2018	2019	CAGR (%) 2015-2019	Contribution 2019 (%)	Rank 2019
1	Australia	6.28	5.33	6.17	7.21	6.65	1.43	11.75	3
2	Brazil	2.82	2.88	3.27	3.20	3.20	3.24	5.65	6
3	China	13.01	15.48	11.33	7.98	6.50	-15.93	11.48	4
4	Gabon	4.18	3.42	5.08	6.54	7.19	14.48	12.70	2
5	Ghana	1.56	2.02	3.00	4.55	5.38	36.23	9.51	5
6	<b>India</b>	<b>2.17</b>	<b>2.40</b>	<b>2.60</b>	<b>2.83</b>	<b>2.90</b>	<b>7.60</b>	<b>5.13</b>	<b>7</b>
7	Ivory Coast	0.29	0.20	0.47	0.79	1.20	42.03	2.12	9
8	Malaysia	0.48	0.70	1.23	1.26	1.13	23.84	2.00	10
9	South Africa	15.98	13.74	14.14	14.92	17.01	1.57	30.05	1
10	Ukraine	1.48	1.33	1.76	1.85	1.85	5.85	3.28	8
	<b>World</b>	<b>51.60</b>	<b>50.80</b>	<b>52.30</b>	<b>54.60</b>	<b>56.60</b>	<b>2.34</b>	-	-

Source: World Mineral Production (WMP) 2015-2019 of British Geological Survey

Note: Production figures of India pertain to respective financial years i.e. 2015-16 for 2015, 2016-17 for 2016 and so on. For 2019, up-dated figure of FY 2019-20 from MCDR returns of Indian Bureau of Mines used.