

News and Highlights

Changes of China's various mineral resource reserves during the “Tenth-Five Year Plan” period from 2006 to 2010

Mineral	unit	2006	2007	2008	2009	2010
Energy						
Coal	bt	1159.78	1180.45	1246.40	1309.68	1340.83
Petroleum	bt	2.76	2.83	2.89	2.95	3.17
Natural gas	bcm	3000.90	3212.36	3460.00	3707.42	3779.32
Metallic ore						
Iron ore	Ore: bt	60.73	61.34	62.34	64.60	72.70
Manganese ore	Ore: Mt	767	793	847	870	886
Chromite	Ore: Mt	10.078	10.828	11.784	11.510	14.905
Ilmenite	TiO ₂ : Mt	700	710	700	720	720
Copper ore	Metal: Mt	70.478	71.569	77.090	80.263	80.407
Bauxite	Ore: bt	2.78	2.91	3.03	3.20	3.75
Lead ore	Metal: Mt	41.414	42.077	45.487	48.511	55.091
Zinc ore	Metal: Mt	97.109	100.493	103.930	106.953	115.962
Nickel ore	Metal: Mt	8.014	8.392	8.282	8.442	9.380
Cobalt ore	Metal: Mt	0.661	0.676	0.638	0.660	0.682
Tungsten ore	WO ₃ : Mt	5.584	5.516	5.612	5.710	5.910
Tin ore	Metal: Mt	4.769	4.837	4.843	4.983	4.319
Molybdenum ore	Metal: Mt	10.942	11.360	12.322	12.558	14.018
Antimony ore	Metal: Mt	2.251	2.461	2.515	2.668	2.550
Gold ore	Metal: t	4996.9	5541.3	5951.8	6327.9	6864.8
Silver ore	Metal: Mt	0.144	0.158	0.160	0.164	0.172
PEG ore	Metal: t	339.6	338.3	324.1	324.8	334.6
Strontium ore	Celestite: Mt	46.523	45.888	43.912	43.840	43.754
Magnesite	Ore: bt	3.59	3.82	3.80	3.95	3.64
Non-metallic ore						
Fluorite ore	Mineral: Mt	172	160	172	182	180
Fire-resistant clay	Ore: Mt	2340	2350	2380	2400	2460
Ferric sulfate	Ore: Mt	5410	5410	5360	5470	5690
Phosphorite	Ore: bt	16.982	17.49	17.76	17.86	18.63
Potassic salt	KCl: Mt	881	835	865	860	930
Borate	B ₂ O ₃ : Mt	72.757	72.600	71.348	70.567	73.092
Sodic salt	NaCl: bt	1312.61	1328.00	1317.26	1324.50	1333.77
Glauber's salt	Na ₂ SO ₄ : bt	20.77	59.96	61.17	61.19	93.42
Barite	Ore: Mt	383	388	389.8	379	1071
Limestone for cement	Ore: bt	78.95	81.73	86.49	93.84	102.10
Glass silica raw material	Ore: Mt	5340	5540	5610	5720	6470
Gypsum	Ore: bt	68.25	67.92	69.59	70.43	76.91
Kaolin	Ore: Mt	1830	2000	2030	2020	2100
Bentonite	Ore: Mt	2940	2780	2790	2800	2800
Diatomite	Ore: Mt	470	470	480	500	430
Finishing granite	bcm	2.15	2.15	2.20	2.29	2.32
Finishing marble	bcm	1.41	1.41	1.38	1.39	1.53
Diamond	Mineral: kg	3644.8	3666.0	3716.3	3705.7	3702.1
Crystalline graphite	Ore: Mt	164	184	196	185	185
Asbestos	Mineral: Mt	95.524	10.3033	93.923	93.847	89.753
Talc	Ore: Mt	258	257	259	268	267
Wollastonite	Ore: Mt	165	165	160	157	155

From 2006 to 2010, the remaining recoverable reserves for oil increased to 3170 Mt from 2670 Mt, with an increase of 14.9%; the remaining recoverable reserves for gas increased to 380 bcm from 300 Mt, with an increase of 25.9%; the remaining recoverable reserves for coal increased to 134 Mt from 116 Mt, with an increase of 15.6%.

Note: Mt stands for million tonnes, bt for billion tonnes and bcm for billion cubic meter.

(provided by Hao Ziguo, Fei Hongcai and Liu Lian on Dec. 1, 2011)