

Mineral Consumption of Thailand 2001 - 2005

Quantity : Tonnes

Statistics and Data Group, Bureau of Development and Promotion, DPI&M, 11:46, 11/9/2006

Value : Million Baht

Mineral	2001		2002		2003		2004		2005	
	Quantity	Value								
Andesite (industrial rock)	404,926	40.5	1,050,664	105.1	911,594	91.2	1,202,711	120.3	1,325,879	132.6
Anhydrite	962	0.5	1,026	0.5	2,105	1.0	515	0.3	1,901	1.0
Antimony ore	1	0.0**	-	-	80	1.2	31	0.5	-	-
Ball clay	319,301	169.2	237,297	130.5	285,430	157.0	380,600	209.3	361,983	199.1
Barite										
- Chemical grade (ground)	-	-	1,093	7.1	690	4.5	-	-	938	6.0
- Drilling mud (ground)	2,600	10.4	15,835	63.2	2,000	7.9	-	-	6,300	24.5
- Unground	700	1.0	80	0.1	18,345	27.2	-	-	-	-
Basalt (industrial rock)	4,686,101	468.6	8,030,441	803.0	8,271,369	827.1	8,848,356	884.8	10,083,681	1,008.4
Bentonite	1,050	0.6	1,200	0.7	900	0.5	1,400	0.8	10,000	6.0
Calcite	151,690	29.9	148,928	29.3	226,050	44.5	411,975	81.2	667,818	131.6
Diatomite	580	0.5	580	0.5	728	0.7	1,422	1.3	800	0.7
Dolomite (unground)	162,128	70.0	373,092	138.1	303,699	106.2	422,187	147.8	342,053	119.7
Dolomitic limestone (industrial rock)	-	-	-	-	80,611	5.6	-	-	-	-
Feldspar										
- Potassium	5,735	9.8	11,937	20.3	3,561	6.1	7,550	12.8	4,845	8.2
- Potassium (ground)	4,776	11.5	1,427	3.4	25	0.1	-	-	-	-
- Sodium	20,585	14.4	34,500	24.2	83,191	58.2	179,097	125.4	86,066	60.3
- Sodium (ground)	195,457	273.6	219,242	306.9	282,710	395.8	321,396	449.9	359,867	503.8
Fluorite (metallurgical grade)	200	0.8	500	2.0	-	-	80	0.3	30	0.1
Gem stone (unit : gram)	209,560	n.a.	319,450	n.a.	143,168	n.a.	182,270	n.a.	139,826	n.a.
Glass sand	504,652	176.6	622,100	217.7	1,228,813	430.1	611,390	214.0	715,010	250.3
Gold ore (unit : gram)	-	-	1,637	0.7	6,145	3.0	2,075	1.1	2,058	1.1
Granite										
- Dimension stone	9,078*	40.9	9,935*	44.7	8,917*	40.1	10,589*	50.0	10,741*	50.7
- Industrial rock	2,339,407	233.9	3,185,010	318.5	3,066,219	306.6	4,107,522	410.8	4,664,860	466.5
Graywacke (industrial rock - others)	-	-	-	-	-	-	241,340	16.9	344,250	24.1
Gypsum	1,744,229	839.0	1,982,953	940.3	2,166,781	1,016.8	2,219,322	1,073.9	2,524,257	1,319.2
Iron ore	-	-	10,000	4.0	10,715	4.3	1,250	0.5	4,100	1.6
Kaolin										
- Filler	13,673	26.0	13,867	26.4	13,218	25.1	13,580	25.8	9,209	17.5
- Unwashed	96,555	37.2	132,623	51.1	289,619	111.5	398,188	153.3	569,391	219.2
- Washed	152,527	146.4	126,916	121.8	126,703	121.6	157,862	151.5	152,623	146.5
Lead metal	1,596	20.7	2,405	31.1	605	7.8	236	3.1	192	2.5
Lignite	19,497,860	9,748.9	19,539,145	9,769.6	18,159,619	9,079.8	20,543,394	10,271.7	21,046,839	10,523.4
Limestone										
- Dimension stone	3,323	6.6	530	1.1	635	1.3	629	1.3	1,040	2.1
- Industrial rock-construction	36,672,795	2,567.1	52,949,788	3,706.5	64,406,145	4,508.4	72,594,907	5,081.6	81,818,300	5,727.3
- Industrial rock-cement	45,519,058	3,869.1	51,658,099	4,390.9	46,120,474	3,920.2	57,354,380	4,875.1	53,383,775	4,537.6
- Industrial rock-others	1,895,901	161.2	2,263,571	192.4	2,110,775	179.4	1,936,300	164.6	2,081,248	176.9
Manganese										
- Battery grade	121	0.5	-	-	-	-	-	-	-	-
- Metallurgical grade	-	-	-	-	-	-	-	-	3,135	3.2
Marble										
- Dimension stone	22,699*	79.4	14,700*	51.5	21,744*	76.1	19,296*	68.9	19,739*	70.5
- Fragment	293,000*	65.9	489,340*	110.1	310,124*	69.8	233,720*	52.6	236,680*	53.3
Marl	7,855	0.7	64,435	5.5	86,576	7.4	112,850	9.6	66,800	5.7
Mica	48	0.3	-	-	-	-	-	-	-	-
Perlite (industrial rock)	8,500	6.0	7,000	4.9	6,800	4.8	9,800	6.9	13,172	9.3
Phosphate	2,079	0.9	4,208	1.8	2,807	1.2	2,695	1.1	2,928	1.2
Pyrophyllite	55,902	19.6	54,463	19.1	71,622	25.1	92,342	32.3	101,201	35.4
Quartz										
- Unground	3,063	2.3	3,643	2.7	3,616	2.7	6,864	5.1	3,244	2.4
- Industrial rock	26,968	1.9	45,496	3.2	29,475	2.1	30,680	2.1	-	-
Rhyolite (industrial rock)	430,217	30.1	366,003	25.6	249,361	17.5	604,352	42.3	860,275	60.2
Rock salt	867,988	434.0	833,299	416.6	896,819	448.4	1,032,702	516.4	1,070,068	535.0
Sand										
- Stone (dimension stone)	-	-	-	-	-	-	200	0.1	1,600	1.1
- Stone (industrial rock)	103,853	5.2	127,783	6.4	159,270	8.0	174,889	8.7	132,672	6.6
Shale (industrial rock-cement)	3,183,096	286.5	6,179,167	556.1	2,641,279	237.7	3,631,565	326.8	3,905,637	351.5
Talc (unground)	5,784	3.5	1,400	0.8	5,531	3.3	12,592	7.6	9,888	5.9
Tin										
- Tin metal	4,115	806.7	4,809	841.4	4,667	945.8	5,807	1,993.9	4,337	1,296.8
- Tin-lead alloy	423	n.a.	464	n.a.	529	n.a.	644	n.a.	732	n.a.
Travertine (dimension stone)	-	-	-	-	1,650	3.3	3,790	7.6	2,603	5.2
Zinc										
- Zinc alloy	20,655	1,051.1	22,502	1,091.3	29,118	1,416.1	33,020	1,765.3	26,593	1,755.1
- Zinc metal	51,990	2,341.0	62,535	2,395.7	62,754	2,424.8	65,807	3,005.0	60,657	3,461.1
Total		24,110.5		26,984.4		27,184.9		32,382.2		33,328.0

:- n.a. = not available :- * = Cubic Meter :- 0.0** = denoting the amount of less than 0.05 million baht