

## Mineral Consumption of Thailand 2004 - 2005

Quantity : Tonnes

Statistics and Data Group, Bureau of Development and Promotion, DPI&amp;M, 12:22, 11/9/2006

Value : Million Baht

Mineral	2004		2005		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Andesite (industrial rock)	1,202,711	120.3	1,325,879	132.6	10.24%	10.22%
Anhydrite	515	0.3	1,901	1.0	269.17%	233.33%
Antimony ore	31	0.5	-	-	-	-
Ball clay	380,600	209.3	361,983	199.1	- 4.89%	- 4.87%
Barite						
- Chemical grade (ground)	-	-	938	6.0	-	-
- Drilling mud (ground)	-	-	6,300	24.5	-	-
Basalt (industrial rock)	8,848,356	884.8	10,083,681	1,008.4	13.96%	13.97%
Bentonite	1,400	0.8	10,000	6.0	614.29%	650.00%
Calcite	411,975	81.2	667,818	131.6	62.10%	62.07%
Diatomite	1,422	1.3	800	0.7	- 43.74%	- 46.15%
Dolomite (unground)	422,187	147.8	342,053	119.7	- 18.98%	- 19.01%
Feldspar						
- Potassium	7,550	12.8	4,845	8.2	- 35.83%	- 35.94%
- Sodium	179,097	125.4	86,066	60.3	- 51.94%	- 51.91%
- Sodium (ground)	321,396	449.9	359,867	503.8	11.97%	11.98%
Fluorite (metallurgical grade)	80	0.3	30	0.1	- 62.50%	- 66.67%
Gem stone (unit : gram)	182,270	n.a.	139,826	n.a.	- 23.29%	-
Glass sand	611,390	214.0	715,010	250.3	16.95%	16.96%
Gold ore (unit : gram)	2,075	1.1	2,058	1.1	- 0.82%	0.00%
Granite						
- Dimension stone	10,589*	50.0	10,741*	50.7	1.43%	1.40%
- Industrial rock	4,107,522	410.8	4,664,860	466.5	13.57%	13.56%
Graywacke (industrial rock - others)	241,340	16.9	344,250	24.1	42.64%	42.60%
Gypsum	2,219,322	1,073.9	2,524,257	1,319.2	13.74%	22.84%
Iron ore	1,250	0.5	4,100	1.6	228.00%	220.00%
Kaolin						
- Filler	13,580	25.8	9,209	17.5	- 32.19%	- 32.17%
- Unwashed	398,188	153.3	569,391	219.2	43.00%	42.99%
- Washed	157,862	151.5	152,623	146.5	- 3.32%	- 3.30%
Lead metal	236	3.1	192	2.5	- 18.74%	- 19.35%
Lignite	20,543,394	10,271.7	21,046,839	10,523.4	2.45%	2.45%
Limestone						
- Dimension stone	629	1.3	1,040	2.1	65.34%	61.54%
- Industrial rock-construction	72,594,907	5,081.6	81,818,300	5,727.3	12.71%	12.71%
- Industrial rock-cement	57,354,380	4,875.1	53,383,775	4,537.6	- 6.92%	- 6.92%
- Industrial rock-others	1,936,300	164.6	2,081,248	176.9	7.49%	7.47%
Manganese (metallurgical grade)	-	-	3,135	3.2	-	-
Marble						
- Dimension stone	19,296*	68.9	19,739*	70.5	2.30%	2.32%
- Fragment	233,720*	52.6	236,680*	53.3	1.27%	1.33%
Marl	112,850	9.6	66,800	5.7	- 40.81%	- 40.63%
Perlite (industrial rock)	9,800	6.9	13,172	9.3	34.41%	34.78%
Phosphate	2,695	1.1	2,928	1.2	8.65%	9.09%
Pyrophyllite	92,342	32.3	101,201	35.4	9.59%	9.60%
Quartz						
- Unground	6,864	5.1	3,244	2.4	- 52.74%	- 52.94%
- Industrial rock	30,680	2.1	-	-	-	-
Rhyolite (industrial rock)	604,352	42.3	860,275	60.2	42.35%	42.32%
Rock salt	1,032,702	516.4	1,070,068	535.0	3.62%	3.60%
Sand						
- Stone (dimension stone)	200	0.1	1,600	1.1	700.00%	1000.00%
- Stone (industrial rock)	174,889	8.7	132,672	6.6	- 24.14%	- 24.14%
Shale (industrial rock-cement)	3,631,565	326.8	3,905,637	351.5	7.55%	7.56%
Talc (unground)	12,592	7.6	9,888	5.9	- 21.47%	- 22.37%
Tin						
- Tin metal	5,807	1,993.9	4,337	1,296.8	- 25.31%	- 34.96%
- Tin-lead alloy	644	n.a.	732	n.a.	13.76%	-
Travertine (dimension stone)	3,790	7.6	2,603	5.2	- 31.32%	- 31.58%
Zinc						
- Zinc alloy	33,020	1,765.3	26,593	1,755.1	- 19.46%	- 0.58%
- Zinc metal	65,807	3,005.0	60,657	3,461.1	- 7.83%	15.18%
<b>Total</b>		<b>32,382.2</b>		<b>33,328.0</b>		<b>2.92%</b>

:- n.a. = not available :- \* = Cubic Meter