

Mineral Consumption of Thailand 2009 - 2010

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Quantity : Tonnes

Value : Million Baht

Mineral	2009		2010		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Andesite (industrial rock)	765,806	103.4	1,230,985	166.2	60.74%	60.74%
Anhydrite	-	-	32,634	16.5	-	-
Antimony ore	-	-	56	1.2	-	-
Ball clay	221,472	121.8	253,292	139.3	14.37%	14.37%
Barite						
- Chemical grade (ground)	49	0.3	-	-	-	-
- Unground	10,420	15.5	9,334	13.9	- 10.42%	- 10.32%
Basalt (industrial rock)	10,878,292	1,468.6	12,164,953	1,642.3	11.83%	11.83%
Bentonite	10,000	6.0	10,000	6.0	0.00%	0.00%
Calcite	477,732	94.1	578,500	113.9	21.09%	21.04%
Cement clay (industrial rock)	4,876,744	438.9	6,833,705	615.0	40.13%	40.12%
Ceramic clay (industrial rock)	226,849	124.8	233,286	128.3	2.84%	2.80%
Copper metal	441	76.9	833	193.5	88.97%	151.63%
Diatomite	5,730	5.2	7,625	6.9	33.07%	32.69%
Dolomite	786,973	275.4	722,216	252.8	- 8.23%	- 8.21%
Feldspar						
- Potassium (ground)	52	0.1	-	-	-	-
- Potassium (unground)	2,906	4.9	3,330	5.7	14.59%	16.33%
- Sodium (ground)	170,723	239.0	171,233	239.7	0.30%	0.29%
- Sodium (unground)	139,750	97.8	239,877	167.9	71.65%	71.68%
Fluorite (metallurgical grade)	7,622	30.9	1,412	5.7	- 81.47%	- 81.55%
Gem stone (unit : gram)	610	n.a.	240	n.a.	- 60.66%	-
Glass sand	355,133	124.3	364,215	127.5	2.56%	2.57%
Gneiss (dimension stone)	46	0.2	100	0.4	116.92%	100.00%
Granite						
- Dimension stone	6,102*	31.1	54,553*	278.2	793.97%	794.53%
- Industrial rock	4,865,279	656.8	4,199,593	566.9	- 13.68%	- 13.69%
Grawacke(industrial rock-others)	765,450	80.4	914,307	96.0	19.45%	19.40%
Gypsum (unground)	2,363,350	1,312.2	3,271,973	1,685.1	38.45%	28.42%
Iron ore	96,500	120.1	16,000	22.8	- 83.42%	- 81.02%
Kaolin						
- Filler	3,774	7.2	3,837	7.3	1.67%	1.39%
- Unwashed	471,121	181.4	404,635	155.8	- 14.11%	- 14.11%
- Washed	135,265	129.9	165,187	158.6	22.12%	22.09%
Lignite	17,842,528	15,376.6	18,117,685	17,393.0	1.54%	13.11%
Limestone						
- Dimension stone	41	0.1	34	0.1	- 17.07%	0.00%
- Industrial rock-construction	62,552,086	6,567.9	69,205,206	7,266.5	10.64%	10.64%
- Industrial rock-cement	54,882,205	6,585.9	60,614,383	7,273.7	10.44%	10.44%
- Industrial rock-others	3,266,563	392.0	3,383,776	406.1	3.59%	3.60%
Manganese (metallurgical grade)	11,500	33.4	54,415	157.8	373.17%	372.46%
Marble						
- Dimension stone	68,994*	255.3	182,996*	677.1	165.23%	165.22%
- Fragment	851,561*	191.6	1,078,912*	350.6	26.70%	82.99%
Marl	86,550	7.4	69,550	5.9	- 19.64%	- 20.27%
Perlite (industrial rock)	11,350	8.0	11,634	8.2	2.50%	2.50%
Phosphate	12,506	5.2	2,316	1.0	- 81.48%	- 80.77%
Pyrophyllite	5,630	2.0	2,205	0.8	- 60.83%	- 60.00%
Quartz						
- Ground	2,494	1.9	2,908	2.2	16.60%	15.79%
- Unground	4,250	3.2	29,433	22.1	592.54%	590.63%
- Industrial rock	-	-	200	0.0**	-	-
Rhyolite (industrial rock)	243,270	25.5	334,891	35.2	37.66%	38.04%
Rock salt	1,380,363	1,518.4	1,396,015	1,535.6	1.13%	1.13%
Sand Stone						
- Dimension stone	640	0.4	2,642	1.8	312.88%	350.00%
- Industrial rock	116,885	11.7	187,048	18.7	60.03%	59.83%
Shale (industrial rock-cement)	4,078,561	509.8	4,126,822	515.9	1.18%	1.20%
Talc (unground)	488	0.3	647	0.4	32.48%	33.33%
Tin						
- Tin metal	2,603	1,216.5	3,707	2,346.8	42.41%	92.91%
- Tin-lead alloy	697	n.a.	1,037	n.a.	48.75%	-
Travertine (dimension stone)	2,910	5.8	1,720	3.4	- 40.89%	- 41.38%
Zinc						
- Zinc alloy	24,045	1,517.6	30,873	2,380.1	28.40%	56.83%
- Zinc metal	55,817	3,205.9	61,142	4,390.3	9.54%	36.94%
Total		43,189.6		51,606.7		19.49%

:- n.a. = not available :- 0* = denoting the amount of less than 0.1 metric tonnes :- 0.0** = denoting the amount of less than 0.05 million baht :- * = cubic meter