

# Mineral Consumption of Thailand 2011 - 2012

Quantity : Tonnes

Statistics Group, Information Technology and communication Center, DPI&M., 13:31, 27/8/2013

Value : Million Baht

Mineral	2011		2012		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Andesite (industrial rock)	799,192	107.9	918,429	123.9	14.92%	14.83%
Anhydrite	3,240	1.6	25,150	12.4	676.23%	675.00%
Ball clay	324,283	178.4	227,150	124.9	- 29.95%	- 29.99%
Barite						
- Drilling mud (ground)	-	-	13,956	54.4	-	-
- Unground	21,229	31.5	-	-	-	-
Basalt (industrial rock)	10,985,713	1,483.1	10,450,773	1,410.9	- 4.87%	- 4.87%
Bentonite	40,000	24.0	30,000	18.0	- 25.00%	- 25.00%
Calcite	439,759	86.6	803,377	158.3	82.69%	82.79%
Cement clay (industrial rock)	6,525,005	587.3	1,622,039	145.9	- 75.14%	- 75.16%
Ceramic clay (industrial rock)	276,466	152.1	67,847	37.3	- 75.46%	- 75.48%
Copper metal	1,824	515.3	1,128	289.9	- 38.12%	- 43.74%
Diatomite	11,300	10.2	27,060	24.4	139.47%	139.22%
Dolomite	1,194,362	418.0	970,750	339.8	- 18.72%	- 18.71%
Feldspar						
- Potassium (unground)	13,935	23.7	2,618	4.5	- 81.21%	- 81.01%
- Sodium (ground)	165,403	231.6	162,716	227.8	- 1.62%	- 1.64%
- Sodium (unground)	214,211	150.0	175,272	122.7	- 18.18%	- 18.20%
Fluorite (metallurgical grade)	2,832	11.5	1,423	5.9	- 49.75%	- 48.70%
Glass sand	196,778	68.9	393,269	137.6	99.85%	99.71%
Gneiss (dimension stone)	60	0.2	40	0.2	- 33.33%	0.00%
Granite						
- Dimension stone	6,069*	30.9	5,383*	27.5	- 11.30%	- 11.00%
- Industrial rock	5,013,445	676.8	5,293,829	714.7	5.59%	5.60%
Grawacke(industrial rock-others)	934,171	91.1	810,849	85.1	- 13.20%	- 6.59%
Gypsum (unground)	3,240,627	1,604.1	3,577,011	1,770.6	10.38%	10.38%
Kaolin						
- Filler	4,029	7.7	300	0.6	- 92.55%	- 92.21%
- Unwashed	634,639	244.3	962,495	370.6	51.66%	51.70%
- Washed	148,741	142.8	154,594	148.4	3.93%	3.92%
Lignite	20,256,989	19,446.7	18,198,546	17,470.6	- 10.16%	- 10.16%
Limestone						
- Dimension stone	12	0.0**	60	0.1	400.00%	-
- Industrial rock-construction	71,141,814	7,469.9	78,234,119	8,214.6	9.97%	9.97%
- Industrial rock-cement	62,530,873	7,503.7	63,783,890	7,654.1	2.00%	2.00%
- Industrial rock-others	4,304,560	516.6	5,137,747	616.5	19.36%	19.34%
Manganese (metallurgical grade)	-	-	1,118	4.3	-	-
Marble						
- Dimension stone	128,512*	475.5	26,457*	97.9	- 79.41%	- 79.41%
- Fragment	535,439*	174.0	221,766*	72.1	- 58.58%	- 58.56%
Marl	69,000	5.9	113,100	9.6	63.91%	62.71%
Perlite (industrial rock)	13,796	9.7	12,687	7.7	- 8.04%	- 20.62%
Phosphate	344	0.1	1,799	0.7	423.69%	600.00%
Pyrophyllite	5,300	1.9	33,000	11.6	522.64%	510.53%
Quartz						
- Ground	4,706	3.5	3,237	2.4	- 31.22%	- 31.43%
- Unground	64,300	48.2	47,190	35.4	- 26.61%	- 26.56%
- Industrial rock	15,576	1.6	194,460	20.4	1148.46%	1175.00%
Rhyolite (industrial rock)	647,913	68.0	609,717	64.0	- 5.90%	- 5.88%
Rock salt	1,351,073	1,486.2	1,344,162	1,478.6	- 0.51%	- 0.51%
Sand stone						
- Dimension stone	2,883	2.0	1,498	1.0	- 48.04%	- 50.00%
- Industrial rock	301,811	30.2	322,860	32.3	6.97%	6.95%
Shale (industrial rock-cement)	4,343,767	543.0	4,698,855	587.4	8.17%	8.18%
Talc (unground)	3,024	1.8	5,732	3.4	89.55%	88.89%
Tin						
- Tin metal	3,321	2,648.3	3,321	2,176.1	0.00%	- 17.83%
- Tin-lead alloy	985	n.a.	833	n.a.	- 15.45%	-
Travertine (dimension stone)	900	1.8	900	1.8	0.00%	0.00%
Zinc						
- Zinc alloy	8,970	714.5	-	-	-	-
- Zinc metal	80,601	5,631.4	86,695	5,447.6	7.56%	- 3.26%
<b>Total</b>		<b>53,664.1</b>		<b>50,366.5</b>		<b>- 6.14%</b>

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