

## Mineral Import of Thailand (Fiscal) Year 2007 - 2008

Quantity : Tonnes  
Value : Million Baht

Mineral	2007		2008		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<b>Mineral Fuels and Energy</b>						
Anthracite	412,185.0	1,012.9	259,585.0	1,293.5	-37.02%	27.70%
Bituminous coal	7,403,682.0	14,494.3	7,541,736.0	17,160.0	1.86%	18.39%
Coke	66,075.7	623.5	54,935.5	1,075.9	-16.86%	72.56%
Lignite	0.2	0.9	3.3	0.2	1550.00%	-100.00%
Peat	213,859.0	3,326.1	4,947.0	44.8	-97.69%	-98.65%
Other coal	5,970,987.1	8,109.5	8,175,457.0	15,048.5	36.92%	85.57%
Total		27,567.2		34,622.9		25.59%
%		52.81		64.29		21.73%
<b>Iron and Ferro Alloy</b>						
Chromite ore	2,271.0	22.8	2,776.0	39.0	22.24%	71.05%
Iron ore	865.0	6.1	8,774.0	59.0	914.34%	867.21%
Iron Pyrites	241.0	3.6	208.0	3.9	-13.69%	8.33%
Manganese ore	182.0	10.6	511.0	10.2	180.77%	-3.77%
Molybdenite ore	17.0	1.8	1,374.2	238.6	7983.53%	13155.56%
Nickel ore	500.0	2.7	1,716.0	9.8	243.20%	262.96%
Tungsten						
- Other tungsten	0.2	0.1	-	-	-100.00%	-100.00%
Total		47.7		360.5		655.77%
%		0.09		0.67		632.53%
<b>Base Metals</b>						
Aluminium ore	44,441.0	202.7	42,914.0	362.9	-3.44%	79.03%
Antimony ore	672.0	11.0	1,022.0	13.9	52.08%	26.36%
Copper	74,635.0	5,579.0	16.0	0.2	-99.98%	-100.00%
Lead ore	20.0	0.3	26.0	0.4	30.00%	33.33%
Tin ore	11,283.0	3,184.6	17,323.0	5,618.3	53.53%	76.42%
Zinc ore	226,232.0	9,106.5	146,655.0	3,707.0	-35.17%	-59.29%
Total		18,084.1		9,702.7		-46.35%
%		34.64		18.02		-48.00%
<b>Precious Metals and Precious Stone</b>						
Emery	3,673.0	44.6	3,780.0	46.3	2.91%	3.81%
Silver ore	4.0	0.2	15.0	2.3	275.00%	1050.00%
Total		44.8		48.6		8.48%
%		0.09		0.09		5.15%
<b>Light Metals and Rare Earth</b>						
ilmenite ore	70.0	1.6	21,041.0	1.4	29958.57%	-12.50%
Niobium and Vanadium ore	27,321.0	706.2	12,398.0	258.0	-54.62%	-63.47%
Titanium ore						
- Rutile	2,236.0	50.5	5,676.0	84.8	153.85%	67.92%
- Leucoxene	4,640.0	101.9	8,141.0	177.5	75.45%	74.19%
- Ilmenite	783.0	7.0	860.0	7.7	9.83%	10.00%
- Other Titanium ore	985.0	20.2	473.0	10.9	-51.98%	-46.04%
Tantalite	494.0	240.0	11,000.0	48.5	2126.72%	-79.79%
Uranium ore	-	-	1.0	0.3	-	-
Zirconium ore	11,419.0	357.3	36,258.0	532.3	217.52%	48.98%
Total		1,484.7		1,121.4		-24.47%
%		2.84		2.08		-26.79%
<b>Cement Industrial Minerals</b>						
Anhydrite	255.0	2.2	0*	0.0**	-100.00%	-100.00%
Gypsum	575.0	5.7	484.0	7.3	-15.83%	28.07%
Limestone	415.1	3.6	719.0	2.5	73.21%	-30.56%
Total		11.5		9.8		-14.78%
%		0.02		0.02		-17.40%
<b>Ceramic Industrial Minerals</b>						
Andalusite, Kyannite and Sillimanite	1,607.0	19.6	2,741.0	32.9	70.57%	67.86%
Attapulgitite	3.0	0.1	116.0	1.2	3766.67%	1100.00%
Ball Clay	38,119.0	115.7	29,504.0	101.5	-22.60%	-12.27%
Dolomite	767.6	10.8	449.6	5.6	-41.43%	-48.61%
Feldspar						
- Potassium	32,058.0	64.6	31,520.0	94.1	-1.68%	45.67%
- Sodium	7,557.0	18.2	16,115.0	33.8	113.25%	85.71%
- Other Feldspar	21,933.0	60.3	15,750.0	54.2	-28.19%	-10.12%

## Mineral Import of Thailand (Fiscal) Year 2007 - 2008

Quantity : Tonnes  
Value : Million Baht

Mineral	2007		2008		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<b>Ceramic Industrial Minerals</b>						
Kaolin						
- Ceramic	24,825.0	198.3	13,305.0	167.8	-46.40%	-15.38%
- Paper	11,119.0	91.0	9,805.0	86.0	-11.82%	-5.49%
- Others	53,477.0	405.2	63,231.0	468.1	18.24%	15.52%
Lucite, Nepheline and Nepheline Sy	1,017.0	9.0	2,544.0	19.1	150.15%	112.22%
Mullite	1,791.0	27.0	1,732.0	28.8	-3.29%	6.67%
Quartz	4,542.0	13.2	1,859.0	8.5	-59.07%	-35.61%
Silica sand	47,127.0	113.6	54,025.0	182.2	14.64%	60.39%
Total		1,146.6		1,283.8		11.96%
%		2.20		2.38		8.52%
<b>Dimension Stone</b>						
Basalt	18,411.0	90.0	19,929.0	102.7	8.25%	14.11%
Ecaussine	439.0	3.3	235.0	1.9	-46.47%	-42.42%
Marble	33,950.2	238.5	36,988.3	293.3	8.95%	22.98%
Granite	143,714.2	595.5	263,879.5	528.6	83.61%	-11.23%
Travertine	0.3	0.0**	-	0.0**	-100.00%	-
Sandstone	3,777.0	19.6	1,188.3	11.5	-68.54%	-41.33%
Serpentine	124.0	1.1	-	-	-	-
Slate	637.0	2.0	95.0	2.0	-85.09%	0.00%
Total		950.0		940.0		-1.05%
%		1.82		1.74		-4.39%
<b>Industrial Rock</b>						
Flint	2,276.0	14.0	2,975.0	16.8	30.71%	20.00%
Pumice stone	5,945.0	52.0	5,043.0	45.5	-15.17%	-12.50%
Vermiculite, Perlite and Chlorites	727.0	6.2	1,447.0	10.5	99.04%	69.35%
Total		72.2		72.8		0.83%
%		0.14		0.14		-2.27%
<b>Other Industrial Minerals</b>						
Apatite						
- Unground	-	-	19.0	0.2	-	-
Asbestos	90,330.0	971.1	96,377.0	1,051.8	6.69%	8.31%
Barite	74,481.0	210.3	79,757.0	309.2	7.08%	47.03%
Bentonite	30,406.0	180.4	57,910.0	354.1	90.46%	96.29%
Calcite	940.0	3.1	1,729.0	5.4	83.94%	74.19%
Chalk	19.0	0.8	11.0	0.5	-42.11%	-37.50%
Fireclay	36.0	0.7	52.0	1.0	44.44%	42.86%
Fluorite	758.0	11.2	734.0	12.7	-3.17%	13.39%
Kieserite	10,813.0	51.3	24,705.0	162.7	128.47%	217.15%
Epsomite	420.0	2.1	61.0	0.4	-85.48%	-80.95%
Mica	4,453.0	89.5	5,650.0	113.7	26.88%	27.04%
Monazite	2.0	0.0**	-	0.0**	-100.00%	-
Orpiment	813.0	7.7	21.0	0.3	-97.42%	-96.10%
Phosphate						
- Ground	6,775.0	21.1	15,730.0	60.6	132.18%	187.20%
- Unground	6,450.3	17.8	0.2	0.2	-100.00%	-98.88%
Graphite	917.0	43.3	1,686.0	62.4	83.86%	44.11%
Magnesite	5,817.0	87.2	10,712.0	198.3	84.15%	127.41%
Steatite	7,221.0	51.4	5,272.0	60.8	-26.99%	18.29%
Pyrophyllite	187.0	1.1	-	-	-100.00%	-100.00%
Rock salt	0.5	0.0**	4.5	0.1	800.00%	-
Sulphur	77,584.0	307.3	118,756.0	2,326.9	53.07%	657.21%
Talc	92,750.0	728.6	114,183.0	965.2	23.11%	32.47%
Witherite	344.0	4.7	723.0	6.5	110.17%	38.30%
Total		2,790.7		5,693.0		104.00%
%		5.35		10.57		97.73%
<b>Total</b>		<b>52,199.5</b>		<b>53,855.5</b>		<b>3.17%</b>

0\* denoting the amount of less than 0.1 metric tonnes

0.0\*\* denoting the amount of less than 0.05 million baht