

## Mineral Import of Thailand 2008 - 2009

Quantity : Tonnes

Value : Million Baht

Mineral	2008 (Jan.- Jun.)		2009 (Jan.- Jun.)		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<b>Mineral Fuels and Energy</b>						
Anthracite	148,802	615.5	281,338	922.4	89.07%	49.86%
Bituminous coal	3,914,344	8,611.4	3,613,456	8,842.5	-7.69%	2.68%
Coke	33,580	650.7	14,125	249.8	-57.94%	-61.61%
Lignite	1	0.0**	3	0.1	200.00%	-
Peat	1,860	16.6	2,256	13.8	21.29%	-16.87%
Other coal	4,308,826	7,601.2	3,730,393	7,623.0	-13.42%	0.29%
Total		17,495.4		17,651.6		0.89%
%		66.12		64.64		-2.24%
<b>Iron and Ferro Alloy</b>						
Chromite ore	1,296	18.8	99	1.6	-92.36%	-91.49%
Cobalt ore	-	-	0*	0.1	-	-
Columbite	-	-	123	95.8	-	-
Iron ore	5,132	31.8	19,995,073	179.3	389515.61%	463.84%
Iron Pyrites	99	2.0	95	1.7	-4.04%	-15.00%
Manganese ore	89	2.8	50	1.6	-43.82%	-42.86%
Molybdenite ore	1,068	19.7	711	10.1	-33.42%	-48.73%
Nickel ore	400	2.3	1	0.1	-99.75%	-95.65%
Tungsten (Wolfram)	-	-	4	0.3	-	-
Total		77.4		290.6		275.45%
%		0.29		1.06		263.80%
<b>Base Metals</b>						
Aluminium ore	33,688.0	268.9	13,130	109.7	-61.02%	-59.20%
Antimony ore	401.0	5.3	778	11.6	94.01%	118.87%
Copper	0.7	0.0**	0.2	0.0**	-71.43%	-
Lead ore	26.0	0.4	0.2	0.0**	-99.23%	-
Tin ore	9,443.0	2,617.4	8,673	1,840.6	-8.15%	-29.68%
Zinc ore	83,443.0	1,921.3	82,616	937.2	-0.99%	-51.22%
Total		4,813.3		2,899.1		-39.77%
%		18.19		10.62		-41.64%
<b>Precious Metals and Precious Stone</b>						
Emery	2,084.0	26.7	1,801	22.3	-13.58%	-16.48%
Silver ore	7.0	0.4	11	0.5	57.14%	25.00%
Total		27.1		22.8		-15.87%
%		0.10		0.08		-18.48%
<b>Light Metals and Rare Earth</b>						
Ilmenite ore	41.0	0.9	21	0.5	-48.78%	-44.44%
Niobium and Vanadium ore	12,261	109.1	6,341	22.7	-48.28%	-79.19%
Titanium ore						
- Rutile	1,214.0	27.4	4,829	36.0	297.78%	31.39%
- Leucocoxene	3,540.0	75.7	1,546	39.1	-56.33%	-48.35%
- Ilmenite	400.0	3.6	160	1.5	-60.00%	-58.33%
- Other Titanium ore	209.0	4.4	147	1.8	-29.67%	-59.09%
Tantalite	10,977	23.5	-	-	-100.00%	-100.00%
Zirconium ore	9,733.0	160.1	902	32.5	-90.73%	-79.70%
Total		404.7		134.1		-66.86%
%		1.53		0.49		-67.89%
<b>Cement Industrial Minerals</b>						
Anhydrite	0.5	0.0**	-	-	-	-
Gypsum	247	3.8	194	3.8	-21.46%	0.00%
Limestone	484	1.0	1,674	2.4	245.87%	140.00%
Total		4.8		6.2		29.17%
%		0.02		0.02		25.16%
<b>Ceramic Industrial Minerals</b>						
Andalusite, Kyannite and Sillimanite	1,137	13.5	830	11.8	-27.00%	-12.59%
Attapulgite	116	1.2	0.3	0.1	-99.74%	-91.67%
Ball Clay	18,478	60.0	16,401	38.5	-11.24%	-35.83%
Dolomite	207	2.4	181	2.5	-12.69%	2.88%
Feldspar						
- Potassium	10,160	28.1	6,979	24.6	-31.31%	-12.46%
- Sodium	9,040	17.6	6,383	13.6	-29.39%	-22.73%
- Other Feldspar	7,974	22.2	1,882	11.1	-76.40%	-50.00%

## Mineral Import of Thailand 2008 - 2009

Quantity : Tonnes

Value : Million Baht

Mineral	2008 (Jan.- Jun.)		2009 (Jan.- Jun.)		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Kaolin						
- Ceramic	5,757	75.0	3,167	35.0	-44.99%	-53.33%
- Paper	6,115	47.3	1,570	21.5	-74.33%	-54.55%
- Others	36,313	231.9	26,232	170.9	-27.76%	-26.30%
Lucite, Nepheline and Nepheline Syenite	1,884	13.3	484	4.5	-74.31%	-66.17%
Mullite	1,001	17.3	260	5.9	-74.03%	-65.90%
Quartz	1,245	6.1	1,265	4.9	1.63%	-20.20%
Silica sand	13,668	42.0	13,716	48.1	0.35%	14.52%
Total		578.0		393.0		-32.00%
%		2.19		2.19		0.00%
<b>Dimension Stone</b>						
Basalt	8,228	42.3	8,704	55.2	5.79%	30.50%
Ecaussine	55	0.5	-	-	-100.00%	-100.00%
Marble	17,806	141.4	18,843	151.1	5.83%	6.86%
Granite	68,308	249.7	67,865	281.5	-0.65%	12.74%
Sandstone	677	5.9	225	3.0	-66.77%	-49.15%
Slate	32	0.3	-	-	-100.00%	-100.00%
Total		440.1		490.8		11.52%
%		1.66		1.80		8.06%
<b>Industrial Rock</b>						
Flint	926	7.4	666	5.3	-28.08%	-28.38%
Pumice stone	2,494	22.7	882	12.1	-64.64%	-46.70%
Vermiculite, Perlite and Chlorites	864	6.4	764	6.2	-11.57%	-3.13%
Total		36.5		23.6		-35.34%
%		0.14		0.09		-37.35%
<b>Other Industrial Minerals</b>						
Apatite						
- Ground	140	0.4	885	12.4	532.14%	3000.00%
- Unground	38.0	0.4	-	-	-100.00%	-100.00%
Asbestos	46,008	472.3	40,270	577.7	-12.47%	22.32%
Barite	32,417	122.9	19,315	62.8	-40.42%	-48.90%
Bentonite	23,969	165.2	11,827	98.2	-50.66%	-40.56%
Calcite	986	3.0	-	-	-100.00%	-100.00%
Chalk	8	0.2	5	0.3	-37.50%	50.00%
Fireclay	24	0.5	45	0.7	87.50%	40.00%
Fluorite	530	5.7	192	4.1	-63.77%	-28.07%
Kieserite	7,300	47.0	1,339	6.9	-81.66%	-85.32%
Mica	2,714	52.4	988	34.7	-63.60%	-33.78%
Phosphate (Ground)	9,700	42.0	11,650	66.4	20.10%	58.10%
Graphite	1,255	32.3	304	15.7	-75.78%	-51.39%
Magnesite	7,450	128.4	188	3.9	-97.48%	-96.96%
Steatite	3,360	35.7	604	3.7	-82.02%	-89.64%
Potash	-	-	0*	0.0**	-	-
Rock salt	-	-	2	0.0**	-	-
Sulphur	53,275	1,013.2	8,316	46.4	-84.39%	-95.42%
Talc	55,150	456.0	39,887	4,458.7	-27.68%	877.79%
Witherite	473	4.2	225	2.1	-52.43%	-50.00%
Total		2,581.8		5,394.7		108.95%
%		9.76		19.76		102.47%
<b>Total</b>		<b>26,459.1</b>		<b>27,306.5</b>		<b>3.20%</b>

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

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