

## Mineral Import of Thailand 2007 - 2008

Quantity : Tonnes  
Value : Million Baht

Mineral	2007		2008		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<b>Mineral Fuels and Energy</b>						
Anthracite	305,460	836.4	242,197	1,280.4	-20.71%	53.08%
Bituminous coal	7,607,862	15,426.9	7,299,492	17,465.6	-4.05%	13.22%
Coke	66,317	663.8	52,593	1,040.3	-20.69%	56.72%
Lignite	0.5	0.7	6	0.1	1100.00%	-85.71%
Peat	214,289	3,329.6	4,874	45.0	-97.73%	-98.65%
Other coal	6,288,470	9,398.8	8,379,841	16,624.7	33.26%	76.88%
Total		29,656.2		36,456.1		22.93%
%		58.26		64.19		10.17%
<b>Iron and Ferro Alloy</b>						
Chromite ore	2,538	25.7	2,235	35.9	-11.94%	39.69%
Columbite	-	-	25	21.9	-	-
Iron ore	76	2.1	10,216	69.5	13342.11%	3209.52%
Iron Pyrites	231	3.8	243	4.5	5.19%	18.42%
Manganese ore	201	13.7	694	9.5	245.27%	-30.66%
Molybdenite ore	5	0.6	1,427	277.1	28434.00%	46083.33%
Nickel ore	1,816	10.2	400	2.3	-77.97%	-77.45%
Tungsten (other tungsten)	0.2	0.1	-	-	-100.00%	-100.00%
Total		56.2		420.7		648.58%
%		0.11		0.74		570.89%
<b>Base Metals</b>						
Aluminium ore	31,749	150.1	51,779	480.4	63.09%	220.05%
Antimony ore	1,072	15.3	1,218	22.0	13.62%	43.79%
Copper	74,624	4,635.5	16	0.2	-99.98%	-100.00%
Lead ore	20	0.3	26	0.4	30.00%	33.33%
Tin ore	12,974	3,980.3	18,771	5,865.6	44.68%	47.37%
Zinc ore	169,623	6,204.2	193,809	3,499.3	14.26%	-43.60%
Total		14,985.7		9,867.9		-34.15%
%		20.34		16.56		-18.58%
<b>Precious Metals and Precious Stone</b>						
Emery	3,704	40.9	4,411	55.1	19.09%	34.72%
Silver ore	8	2.0	13	0.6	62.50%	-70.00%
Total		42.9		55.7		29.84%
%		0.09		0.10		8.97%
<b>Light Metals and Rare Earth</b>						
ilmenite ore	70	1.6	21,041	1.4	29958.57%	-12.50%
Niobium and Vanadium ore	11,409	400.7	17,591	346.6	54.19%	-13.50%
Titanium ore						
- Rutile	2,487	54.9	6,779	94.4	172.58%	71.95%
- Leucoxene	5,747	125.2	7,371	165.5	28.26%	32.19%
- Ilmenite	821	7.3	920	8.6	12.06%	17.81%
- Other Titanium ore	1,168	23.6	371	9.4	-68.24%	-60.17%
Tantalite	348	213.3	11,043	91.8	3073.28%	-56.96%
Uranium ore	1	0.3	-	-	-100.00%	-100.00%
Zirconium ore	8,885	268.5	48,724	623.9	448.38%	132.36%
Total		1,095.4		1,341.6		22.48%
%		2.15		2.36		9.77%
<b>Cement Industrial Minerals</b>						
Anhydrite	126	1.1	0*	0.0**	100.00%	-100.00%
Gypsum	605	6.2	470	7.2	-22.31%	16.13%
Limestone	441	3.7	2,072	2.2	369.84%	-40.54%
Total		11.0		9.4		-14.55%
%		0.02		0.02		-23.41%
<b>Ceramic Industrial Minerals</b>						
Andalusite, Kyannite and Sillimanite	1,791	21.1	2,858	36.0	59.58%	70.62%
Attapulgit	3	0.1	116	1.2	3766.67%	1100.00%
Ball Clay	33,579	111.8	28,981	94.3	-13.69%	-15.65%
Dolomite	505	6.2	502	6.3	-0.63%	2.44%
Feldspar						
- Potassium	34,448	70.9	32,446	100.9	-5.81%	42.31%
- Sodium	7,098	16.8	16,592	35.8	133.76%	113.10%
- Other Feldspar	15,598	47.3	14,339	49.4	-8.07%	4.44%

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<b>Kaolin</b>						
- Ceramic	18,061	169.0	12,204	149.7	-32.43%	-11.42%
- Paper	7,202	63.4	11,989	105.0	66.47%	65.62%
- Others	52,856	412.1	59,004	468.2	11.63%	13.61%
Lucite, Nepheline and Nepheline Syenite	1,224	9.7	2,786	22.8	127.61%	135.05%
Mullite	1,740	27.6	1,466	25.1	-15.75%	-9.06%
Quartz	3,499	11.3	1,884	8.4	-46.16%	-25.66%
Silica sand	58,251	168.4	66,685	258.3	14.48%	53.38%
Total		1,135.7		1,361.4		19.88%
%		2.23		2.40		7.44%
<b>Dimension Stone</b>						
Basalt	18,992	95.8	20,857	112.4	9.82%	17.33%
Ecaussine	392	2.8	104	0.9	-73.47%	-67.86%
Marble	32,166	231.9	39,215	301.0	21.91%	29.80%
Granite	258,084	555.0	138,162	538.7	-46.47%	-2.94%
Travertine	0.3	0.0**	-	-	-100.00%	-100.00%
Sandstone	3,779	19.6	939	9.2	-75.15%	-53.06%
Slate	637	2.0	179	2.7	-71.90%	35.00%
Total		907.1		964.9		6.37%
%		1.78		1.65		-7.41%
<b>Industrial Rock</b>						
Flint	3,123	14.5	1,929	16.2	-38.23%	11.72%
Pumice stone	5,520	47.1	5,194	50.4	-5.91%	7.01%
Vermiculite, Perlite and Chlorites	1,017	8.0	1,437	11.2	41.30%	40.00%
Total		69.6		77.8		11.78%
%		0.14		0.14		0.18%
<b>Other Industrial Minerals</b>						
Apatite						
- Ground	-	-	1,611	14.4	-	-
- Unground	19.0	0.2	-	-	-100.00%	-100.00%
Asbestos	86,525	920.7	94,278	1,071.6	8.96%	16.39%
Barite	78,408	228.6	96,433	391.6	22.99%	71.30%
Bentonite	39,345	207.9	54,345	378.4	38.12%	82.01%
Calcite	1,672	5.4	1,109	3.5	-33.67%	-35.19%
Chalk	16	0.7	13	0.6	-18.75%	-14.29%
Fireclay	28	0.7	81	1.4	189.29%	100.00%
Fluorite	619	12.7	841	11.2	35.78%	-11.81%
Kieserite	19,238	86.9	29,768	269.2	54.74%	209.78%
Epsomite	481	2.5	-	-	-100.00%	-100.00%
Mica	5,176	98.4	4,904	107.2	-5.26%	8.94%
Monazite	2	0.0**	-	-	-100.00%	-100.00%
Orpiment	773	7.1	20	0.2	-97.41%	-97.18%
Phosphate						
- Ground	11,920	34.8	10,530	46.2	-11.66%	32.76%
- Unground	0.5	0.3	-	-	-100.00%	-100.00%
Graphite	760	43.4	1,792	66.9	135.79%	54.15%
Magnesite	5,808	95.8	10,538	193.7	81.44%	102.19%
Steatite	5,602	37.9	4,705	67.0	-16.01%	76.78%
Pyrophyllite	187	1.1	-	-	-100.00%	-100.00%
Rock salt	5	0.1	700	10.9	13900.00%	10800.00%
Sulphur	71,184	361.2	119,862	2,581.6	68.38%	614.73%
Talc	98,735	791.9	116,906	1,033.8	18.40%	30.55%
Witherite	391	4.4	698	6.4	78.52%	45.45%
Total		2,942.7		6,241.4		112.10%
%		5.78		10.99		90.09%
<b>Total</b>		<b>50,902.5</b>		<b>56,811.3</b>		<b>11.58%</b>

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

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