

# Mineral Import of Thailand 2004 - 2005

Quantity : Tonnes

Value : Million Baht

Bureau of Development and Promotion, Department of Primary Industries and Mines

Mineral	2004		2005		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<b>Mineral Fuels and Energy</b>						
Anthracite	355,132	720.9	490,485	1,406.7	38.11%	95.13%
Bituminous coal	4,912,897	8,356.0	6,206,915	11,221.7	26.34%	34.30%
Coke	66,385	1,001.5	70,958	823.0	6.89%	-17.82%
Lignite	8	9.4	0*	0.1	-	-98.94%
Peat	4,026	31.8	3,158	25.7	-21.56%	-19.18%
Other coal	2,211,506	2,155.5	1,800,111	1,945.1	-18.60%	-9.76%
Total		12,275.1		15,422.3		25.64%
%		43.00		45.20		5.11%
<b>Iron and Ferro Alloy</b>						
Chromite ore	2,371	22.5	3,088	33.6	30.24%	49.33%
Copper	86,314	2,578.8	100,129	3,025.7	16.01%	17.33%
Cobalt ore	0*	0.0**	-	-	-	-
Iron ore	83	1.5	49	2.2	-40.96%	46.67%
Iron Pyrites	175	3.5	206	4.0	17.71%	14.29%
Manganese ore	696	25.1	527	14.1	-24.28%	-43.82%
Molybdenite ore	29	1.0	23	1.1	-20.69%	10.00%
Nickel ore	0*	0.1	0*	0.0**	-	-
Niobium and Vanadium ore	19,958	996.6	46,360	107.9	132.29%	-89.17%
Tantalite	1,090	1,610.8	961	1,344.5	-11.83%	-16.53%
Tungsten (Other tungsten)	6	3.2	2	0.8	-66.67%	-75.00%
Total		5,243.1		4,533.9		-13.53%
%		18.37		13.29		-27.66%
<b>Base Metals</b>						
Aluminium ore	36,907	168.0	5,523,909	234.1	14867.10%	39.35%
Antimony ore	105	1.3	253	3.4	140.95%	161.54%
Lead ore	2	0.3	0.7	0.5	-65.00%	66.67%
Tin ore	12,753	2,670.5	20,018	3,937.9	56.97%	47.46%
Zinc ore	96,749	1,432.4	109,675	2,183.6	13.36%	52.44%
Total		4,272.5		6,359.5		48.85%
%		14.97		18.64		24.52%
<b>Precious Metals and Precious Stone</b>						
Emerald	3,175	37.8	2,560	36.9	-19.37%	-2.38%
Silver ore	-	-	0*	0.1	-	-
Total		37.8		37.0		-2.12%
%		0.13		0.11		-18.11%
<b>Light Metals and Rare Earth</b>						
Titanium ore						
- Rutile	2,848	65.3	2,644	70.5	-7.16%	7.96%
- Leucosene	6,636	125.4	7,047	153.9	6.19%	22.73%
- Other Titanium ore	20	0.4	2	0.0**	-90.00%	-
Zirconium ore	11,513	268.0	12,792	395.3	11.11%	47.50%
Total		459.1		619.7		34.98%
%		1.61		1.82		12.92%
<b>Cement Industrial Minerals</b>						
Anhydrite	-	-	18	0.2	-	-
Gypsum	218	3.1	39,349	14.3	17950.00%	361.29%
Limestone	599	6.2	476	3.3	-20.53%	-46.77%
Total		9.3		17.8		91.40%
%		0.03		0.05		60.12%
<b>Ceramic Industrial Minerals</b>						
Andalusite, Kyannite and Sillimanite	1,591	20.4	1,483	19.6	-6.79%	-3.92%
Attapulgit	0.2	0.1	0.2	0.1	0.00%	0.00%
Ball Clay	17,455	66.3	16,623	71.1	-4.77%	7.24%
Dolomite	1,400	15.2	869	13.3	-37.91%	-12.50%
Feldspar						
- Potassium	18,979	62.7	20,478	78.3	7.90%	24.88%
- Sodium	2,471	10.3	2,886	16.3	16.79%	58.25%
- Other Feldspar	10,566	35.5	18,775	57.1	77.69%	60.85%

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<b>Ceramic Industrial Minerals</b>						
Kaolin						
- Ceramic	26,451	172.9	23,033	165.3	-12.92%	-4.40%
- Paper	23,479	193.1	18,133	161.6	-22.77%	-16.31%
- Others	58,653	418.3	41,775	366.6	-28.78%	-12.36%
Lucite, Nepheline and Nepheline Syenite	716	8.0	1,326	12.3	85.20%	53.75%
Mullite	2,272	32.4	2,373	33.8	4.45%	4.32%
Quartz	1,956	44.5	5,059	37.3	158.63%	-16.18%
Silica sand	20,339	126.1	29,563	103.7	45.35%	-17.76%
Total		1,205.8		1,136.4		-5.76%
%		4.22		3.33		-21.16%
<b>Dimension Stone</b>						
Basalt	19,996	96.1	18,480	81.9	-7.58%	-14.78%
Ecaussine	383	2.8	4,210	8.1	999.22%	189.29%
Marble	34,769	165.3	28,967	161.0	-16.69%	-2.60%
Granite	118,967	533.7	135,030	614.8	13.50%	15.20%
Travertine	0.1	0.0**	20	0.1	19900.00%	-
Sandstone	550	7.2	449	4.9	-18.36%	-31.94%
Slate	158	2.1	86	1.4	-45.57%	-33.33%
Total		807.2		872.2		8.05%
%		2.83		2.55		-9.82%
<b>Industrial Rock</b>						
Flint	2,944	22.8	1,671	13.2	-43.24%	-42.11%
Pumice stone	7,200	75.8	7,456	73.5	3.56%	-3.03%
Vermiculite, Perlite and Chlorites	515	3.6	306	2.9	-40.58%	-19.44%
Total		102.2		89.6		-12.33%
%		0.36		0.26		-26.66%
<b>Other Industrial Minerals</b>						
Asbestos	166,075	1,799.7	175,977	2,029.9	5.96%	12.79%
Barite	32,479	83.4	25,552	71.9	-21.33%	-13.79%
Bentonite	49,462	254.6	49,661	288.1	0.40%	13.16%
Calcite	102	0.6	32	0.3	-68.63%	-50.00%
Chalk	33	2.3	8	1.8	-75.76%	-21.74%
Fireclay	17	0.8	193	5.3	1035.29%	562.50%
Fluorite	806	10.9	779	10.7	-3.39%	-1.83%
Kieserite and Epsomite	5,113	23.4	4,525	25.4	-11.50%	8.55%
Mica	3,851	68.8	3,792	88.5	-1.51%	28.63%
Orpiment	122	2.4	64	1.4	-47.54%	-41.67%
Phosphate						
- Ground	164,872	464.8	216,389	640.2	31.25%	37.74%
- Unground	10,575	45.0	10,400	28.8	-1.65%	-36.00%
Graphite	869	39.7	855	48.6	-1.61%	22.42%
Magnesite	43,473	391.0	32,702	350.9	-24.78%	-10.26%
Steatite	11,242	97.3	10,760	96.7	-4.29%	-0.62%
Potash	0*	0.0**	0*	0.0**	-	-
Rock salt	6	0.1	8	0.1	33.33%	0.00%
Sulphur	81,145	309.8	183,690	718.9	126.37%	132.05%
Talc	80,770	539.5	79,673	626.2	-1.36%	16.07%
Witherite	0*	0.0**	0.1	0.1	-	-
Total		4,134.1		5,033.8		21.76%
%		14.48		14.75		1.87%
<b>Total</b>		<b>28,546.2</b>		<b>34,122.2</b>		<b>19.53%</b>

0\* denoting the amount of less than 0.1 tonnes

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