

## Mineral Import of Thailand 2006 - 2007

Quantity : Tonnes

Value : Million Baht

Mineral	2006		2007		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<b><u>Mineral Fuels and Energy</u></b>						
Anthracite	553,489	1,236.5	305,460	836.4	-44.81%	-32.36%
Bituminous coal	5,707,606	10,952.1	7,607,862	15,426.9	33.29%	40.86%
Coke	53,672	479.3	66,317	663.8	23.56%	38.49%
Lignite	11	0.0**	1	0.7	-95.45%	-
Peat	4,131	29.4	214,289	3,329.6	5087.34%	11225.17%
Other coal	4,851,618	6,062.7	6,288,469	9,398.8	29.62%	55.03%
Total		18,760.0		29,656.2		58.08%
%		54.26		58.26		7.38%
<b><u>Iron and Ferro Alloy</u></b>						
Chromite ore	2,429	25.3	2,538	25.7	4.49%	1.58%
Copper	10,056	1,428.4	74,624	4,635.5	642.08%	224.52%
Iron ore	2,356	14.9	76	2.1	-96.77%	-85.91%
Iron Pyrites	188	2.9	231	3.8	22.87%	31.03%
Manganese ore	343	8.0	201	13.7	-41.40%	71.25%
Molybdenite ore	34	2.3	5	0.6	-85.29%	-73.91%
Nickel ore	0*	0.2	1,816	10.2	-	5000.00%
Niobium and Vanadium ore	37,242	373.5	11,409	400.7	-69.37%	7.28%
Struverite	30	0.9	-	-	-100.00%	-100.00%
Tantalite	687	745.1	348	213.3	-49.34%	-71.37%
Tungsten						
- Wolfram	25	2.5	-	-	-100.00%	-100.00%
- Other tungsten	0*	0.0**	0.1	0.1	-	-
Total		2,604.0		5,305.7		103.75%
%		7.53		10.42		38.40%
<b><u>Base Metals</u></b>						
Aluminium ore	41,835	210.0	31,749	150.1	-24.11%	-28.52%
Antimony ore	570	10.8	1,072	15.3	88.07%	41.67%
Lead ore	64	1.3	20	0.3	-68.75%	-76.92%
Tin ore	6,545	1,247.3	12,974	3,980.3	98.23%	219.11%
Zinc ore	101,866	5,273.5	169,623	6,204.2	66.52%	17.65%
Total		6,742.9		10,350.2		53.50%
%		19.50		20.34		4.29%
<b><u>Precious Metals and Precious Stone</u></b>						
Emery	3,316	42.5	3,704	40.9	11.70%	-3.76%
Silver ore	0*	0.3	8	2.0	-	566.67%
Total		42.8		42.9		0.23%
%		0.12		0.09		-27.30%
<b><u>Light Metals and Rare Earth</u></b>						
ilmenite ore	-	-	70	1.6	-	-
Titanium ore						
- Rutile	1,951	49.8	2,487	54.9	27.47%	10.24%
- Leucoxene	3,527	76.2	5,747	125.2	62.94%	64.30%
- Ilmenite	782	5.6	821	7.3	4.99%	30.36%
- Other Titanium ore	3	0.1	1,168	23.6	38833.33%	23500.00%
Uranium ore	-	-	1	0.3	-	-
Zirconium ore	13,915	466.7	8,885	268.5	-36.15%	-42.47%
Total		598.4		481.4		-19.55%
%		1.73		0.95		-45.36%
<b><u>Cement Industrial Minerals</u></b>						
Anhydrite	448	3.7	126	1.1	-71.88%	-70.27%
Gypsum	3,745	6.3	605	6.2	-83.85%	-1.59%
Limestone	416	2.5	441	3.7	5.98%	48.00%
Total		12.5		11.0		-12.00%
%		0.04		0.02		-40.23%

## Mineral Import of Thailand 2006 - 2007

Quantity : Tonnes

Value : Million Baht

Mineral	2006		2007		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<b><u>Ceramic Industrial Minerals</u></b>						
Andalusite, Kyannite and Sillimanite	1,771	23.1	1,791	21.1	1.13%	-8.66%
Attapulgitite	-	-	3	0.1	-	-
Ball Clay	13,473	64.8	33,579	111.8	149.23%	72.53%
Dolomite	1,253	16.8	505	6.2	-59.67%	-63.39%
Feldspar						
- Potassium	16,935	46.6	34,448	70.9	103.41%	52.15%
- Sodium	4,127	15.2	7,098	16.8	71.99%	10.53%
- Other Feldspar	21,653	61.4	15,598	47.3	-27.96%	-22.96%
<b><u>Ceramic Industrial Minerals</u></b>						
Kaolin						
- Ceramic	27,764	248.3	18,061	169.0	-34.95%	-31.94%
- Paper	22,942	187.9	7,202	63.4	-68.61%	-66.26%
- Others	53,969	386.1	52,856	412.1	-2.06%	6.73%
Lucite, Nepheline and Nepheline Syenite	1,433	12.1	1,224	9.7	-14.58%	-19.83%
Mullite	2,549	34.1	1,740	27.6	-31.74%	-19.06%
Quartz	2,549	7.1	3,499	11.3	37.27%	59.15%
Silica sand	33,472	96.4	58,251	168.4	74.03%	74.69%
Total		1,199.9		1,135.7		-5.35%
%		3.47		2.23		-35.71%
<b><u>Dimension Stone</u></b>						
Basalt	17,181	76.4	18,992	95.8	10.54%	25.39%
Ecaussine	227	1.9	392	2.8	72.69%	47.37%
Marble	30,267	201.4	31,666	231.9	4.62%	15.14%
Granite	158,806	664.0	258,084	555.0	62.52%	-16.42%
Travertine	-	-	0.3	0.0**	-	-
Sandstone	992	10.4	3,779	19.6	280.98%	88.46%
Serpentine	124	1.1	-	-	-100.00%	-100.00%
Slate	99	1.0	637	2.0	543.43%	100.00%
Total		956.2		907.1		-5.13%
%		2.77		1.78		-35.56%
<b><u>Industrial Rock</u></b>						
Flint	2,283	16.4	3,123	14.5	36.79%	-11.59%
Pumice stone	7,254	66.7	5,520	47.1	-23.90%	-29.39%
Vermiculite, Perlite and Chlorites	491	5.1	1,017	8.0	107.13%	56.86%
Total		88.2		69.6		-21.09%
%		0.26		0.14		-46.40%
<b><u>Other Industrial Minerals</u></b>						
Apatite						
- Unground	-	-	19	0.2	-	-
Asbestos	140,861	1,709.8	86,525	920.7	-38.57%	-46.15%
Barite	51,825	142.7	78,408	228.6	51.29%	60.20%
Bentonite	49,656	278.7	39,345	207.9	-20.76%	-25.40%
Calcite	8	0.0**	1,672	5.4	20800.00%	-
Chalk	18	0.9	16	0.7	-11.11%	-22.22%
Cryolite and Chiolite						
Fireclay	23	0.4	28	0.7	21.74%	75.00%
Fluorite	924	13.6	619	12.7	-33.01%	-6.62%
Kieserite	16,995	85.6	19,238	86.9	13.20%	1.52%
Epsomite	347	2.2	481	2.5	38.62%	13.64%
Mica	4,360	79.2	5,176	98.4	18.72%	24.24%
Monazite	-	-	2	0.0**	-	-
Orpiment	86	1.8	773	7.1	798.84%	294.44%
Phosphate						
- Ground	1,182	6.0	11,920	34.8	908.46%	480.00%
- Unground	20,250	56.2	1	0.3	-100.00%	-99.47%
Graphite	745	42.3	760	43.4	2.01%	2.60%

## Mineral Import of Thailand 2006 - 2007

Quantity : Tonnes

Value : Million Baht

Mineral	2006		2007		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<b><u>Other Industrial Minerals</u></b>						
Magnesite	6,535	89.3	5,808	95.8	-11.12%	7.28%
Steatite	14,100	128.4	5,602	37.9	-60.27%	-70.48%
Potash	0*	0.0**	-	-	-	-
Pyrophyllite	-	-	187	1.1	-	-
Rock salt	23	0.3	5	0.1	-78.26%	-66.67%
Sulphur	81,271	276.8	71,184	361.2	-12.41%	30.49%
Talc	82,007	652.7	98,735	791.9	20.40%	21.33%
Witherite	141	2.7	391	4.4	177.30%	62.96%
Total		3,569.6		2,942.7		-17.56%
%		10.32		5.78		-44.01%
<b>Total</b>		<b>34,574.5</b>		<b>50,902.5</b>		<b>47.23%</b>

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

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





