

Mineral Import of Thailand 2005 - 2006

Quantity : Tonnes
Value : Million Baht

Statistics Group, Information Technology and Communication Center, DPI&M. ,3/05/2007

Mineral	2005		2006		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Aluminium ore	5,523,909	234.1	41,835	210.0	-99.24%	-10.29%
Andalusite, Kyannite and Sillimanite	1,483	19.6	1,771	23.1	19.42%	17.86%
Anhydrite	18	0.2	448	3.7	2388.89%	1750.00%
Anthracite	490,485	1,406.7	553,489	1,236.5	12.85%	-12.10%
Antimony ore	253	3.4	570	10.8	125.30%	217.65%
Asbestos	175,977	2,029.9	140,861	1,709.8	-19.95%	-15.77%
Attapulgitite	0.2	0.1	-	-	-100.00%	-100.00%
Ball Clay	16,623	71.1	13,473	64.8	-18.95%	-8.86%
Barite	25,552	71.9	51,825	142.7	102.82%	98.47%
Basalt	18,480	81.9	17,181	76.4	-7.03%	-6.72%
Bentonite	49,661	288.1	49,656	278.7	-0.01%	-3.26%
Bituminous coal	6,206,915	11,221.7	5,707,606	10,952.1	-8.04%	-2.40%
Calcite	32	0.3	8	0.0**	-75.00%	-
Chalk	8	1.8	18	0.9	125.00%	-50.00%
Chromite ore	3,088	33.6	2,429	25.3	-21.34%	-24.70%
Coke	70,958	823.0	53,672	479.3	-24.36%	-41.76%
Copper	100,129	3,025.7	10,056	1,428.4	-89.96%	-52.79%
Dolomite	869	13.3	1,253	16.8	44.18%	26.32%
Ecaussine	4,210	8.1	227	1.9	-94.61%	-76.54%
Emery	2,560	36.9	3,316	42.5	29.53%	15.18%
Feldspar						
- Sodium	2,886	16.3	4,127	15.2	43.00%	-6.75%
- Potassium	20,478	78.3	16,935	46.6	-17.30%	-40.49%
- Other Feldspar	18,775	57.1	21,653	61.4	15.33%	7.53%
Fireclay	193	5.3	23	0.4	-88.08%	-92.45%
Flint	1,671	13.2	2,283	16.4	36.62%	24.24%
Fluorite	779	10.7	924	13.6	18.66%	27.10%
Granite	135,030	614.8	158,806	664.0	17.61%	8.00%
Graphite	855	48.6	745	42.3	-12.87%	-12.96%
Gypsum	39,349	14.3	3,745	6.3	-90.48%	-55.94%
Iron ore	49	2.2	2,356	14.9	4708.16%	577.27%
Iron Pyrites	206	4.0	188	2.9	-8.74%	-27.50%
Kaolin						
- Ceramic	23,033	165.3	27,764	248.3	20.54%	50.21%
- Paper	18,133	161.6	22,942	187.9	26.52%	16.27%
- Others	41,775	366.6	53,969	386.1	29.19%	5.32%
Kieserite and Epsomite	4,525	25.4	17,342	87.8	283.25%	245.67%
Lead ore	0.7	0.5	64	1.3	9042.86%	160.00%
Lignite	0*	0.1	11	0.0**	-	-
Limestone	476	3.3	416	2.5	-12.58%	-24.24%
Lucite, Nepheline and Nepheline Syenite	1,326	12.3	1,433	12.1	8.07%	-1.63%
Magnesite	32,702	350.9	6,535	89.3	-80.02%	-74.55%
Manganese ore	527	14.1	343	8.0	-34.91%	-43.26%
Marble	28,967	161.0	30,267	201.4	4.49%	25.09%
Mica	3,792	88.5	4,360	79.2	14.97%	-10.51%
Molybdenite ore	23	1.1	34	2.3	47.83%	109.09%
Mullite	2,373	33.8	2,549	34.1	7.42%	0.89%
Nickel ore	0*	0.0**	0*	0.2	-	-
Niobium and Vanadium ore	46,360	107.9	37,242	373.5	-19.67%	246.15%
Orpiment	64	1.4	86	1.8	34.38%	28.57%
Other coal	1,800,111	1,945.1	4,851,618	6,062.7	169.52%	211.69%
Peat	3,158	25.7	4,131	29.4	30.81%	14.40%
Phosphate						
- Ground	216,389	640.2	1,182	6.0	-99.45%	-99.06%
- Unground	10,400	28.8	20,250	56.2	94.71%	95.14%
Potash	0*	0.0**	0*	0.0**	-	-
Pumice stone	7,456	73.5	7,254	66.7	-2.71%	-9.25%
Quartz	5,059	37.3	2,549	7.1	-49.61%	-80.97%
Rock salt	8	0.1	23	0.3	187.50%	200.00%
Sandstone	449	4.9	992	10.4	120.94%	112.24%
Serpentine	-	-	124	1.1	-	-
Silica sand	29,563	103.7	33,472	96.4	13.22%	-7.04%
Silver ore	0*	0.1	0*	0.3	-	200.00%
Slate	86	1.4	99	1.0	15.12%	-28.57%
Steatite	10,760	96.7	14,100	128.4	31.04%	32.78%
Struverite	-	-	30	0.9	-	-
Sulphur	183,690	718.9	81,271	276.8	-55.76%	-61.50%
Talc	79,673	626.2	82,007	652.7	2.93%	4.23%
Tantalite	961	1,344.5	687	745.1	-28.51%	-44.58%
Tin ore	20,018	3,937.9	6,545	1,247.3	-67.30%	-68.33%
Titanium ore						
- Leucocoxene	7,047	153.9	3,527	76.2	-49.95%	-50.49%
- Rutile	2,644	70.5	1,951	49.8	-26.21%	-29.36%
- Other Titanium ore	2	0.0**	3	0.1	50.00%	-
- Ilmenite	-	-	782	5.6	-	-
Travertine	20	0.1	-	-	-100.00%	-100.00%
Tungsten						
- Wolfram	-	-	25	2.5	-	-
- Other Tungsten	2	0.8	0*	0.0**	-	-
Vermiculite, Perlite and Chlorites	306	2.9	491	5.1	60.46%	75.86%
Witherite	0.1	0.1	141	2.7	140900.00%	2600.00%
Zinc ore	109,675	2,183.6	101,866	5,273.5	-7.12%	141.50%
Zirconium ore	12,792	395.3	13,915	466.7	8.78%	18.06%
Total		34,122.2		34,574.5		1.33%

0* denoting the amount of less than 0.1 tonnes

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

Mineral Import of Thailand 2005 - 2006

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Statistics Group, Information Technology and Communication Center, DPI&M., 2/05/2007

Mineral	2005		2006		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Bituminous coal	6,206,915	11,221.7	5,707,606	10,952.1	-8.04%	-2.40%
Other coal	1,800,111	1,945.1	4,851,618	6,062.7	169.52%	211.69%
Zinc ore	109,675	2,183.6	101,866	5,273.5	-7.12%	141.50%
Asbestos	175,977	2,029.9	140,861	1,709.8	-19.95%	-15.77%
Copper	100,129	3,025.7	10,056	1,428.4	-89.96%	-52.79%
Tin ore	20,018	3,937.9	6,545	1,247.3	-67.30%	-68.33%
Anthracite	490,485	1,406.7	553,489	1,236.5	12.85%	-12.10%
Kaolin						
- Paper	18,133	161.6	22,942	187.9	26.52%	16.27%
- Ceramic	23,033	165.3	27,764	248.3	20.54%	50.21%
- Others	41,775	366.6	53,969	386.1	29.19%	5.32%
Tantalite	961	1,344.5	687	745.1	-28.51%	-44.58%
Granite	135,030	614.8	158,806	664.0	17.61%	8.00%
Talc	79,673	626.2	82,007	652.7	2.93%	4.23%
Coke	70,958	823.0	53,672	479.3	-24.36%	-41.76%
Zirconium ore	12,792	395.3	13,915	466.7	8.78%	18.06%
Niobium and Vanadium ore	46,360	107.9	37,242	373.5	-19.67%	246.15%
Bentonite	49,661	288.1	49,656	278.7	-0.01%	-3.26%
Sulphur	183,690	718.9	81,271	276.8	-55.76%	-61.50%
Aluminium ore	5,523,909	234.1	41,835	210.0	-99.24%	-10.29%
Marble	28,967	161.0	30,267	201.4	4.49%	25.09%
Barite	25,552	71.9	51,825	142.7	102.82%	98.47%
Titanium ore						
- Ilmenite	-	-	782	5.6	-	-
- Rutile	2,644	70.5	1,951	49.8	-26.21%	-29.36%
- Leucocoxene	7,047	153.9	3,527	76.2	-49.95%	-50.49%
- Other Titanium ore	2	0.0**	3	0.1	50.00%	-
Steatite	10,760	96.7	14,100	128.4	31.04%	32.78%
Feldspar						
- Sodium	2,886	16.3	4,127	15.2	43.00%	-6.75%
- Potassium	20,478	78.3	16,935	46.6	-17.30%	-40.49%
- Other Feldspar	18,775	57.1	21,653	61.4	15.33%	7.53%
Silica sand	29,563	103.7	33,472	96.4	13.22%	-7.04%
Magnesite	32,702	350.9	6,535	89.3	-80.02%	-74.55%
Kieserite and Epsomite	4,525	25.4	17,342	87.8	283.25%	245.67%
Mica	3,792	88.5	4,360	79.2	14.97%	-10.51%
Basalt	18,480	81.9	17,181	76.4	-7.03%	-6.72%
Pumice stone	7,456	73.5	7,254	66.7	-2.71%	-9.25%
Ball Clay	16,623	71.1	13,473	64.8	-18.95%	-8.86%
Phosphate						
- Ground	216,389	640.2	1,182	6.0	-99.45%	-99.06%
- Unground	10,400	28.8	20,250	56.2	94.71%	95.14%
Emery	2,560	36.9	3,316	42.5	29.53%	15.18%
Graphite	855	48.6	745	42.3	-12.87%	-12.96%
Mullite	2,373	33.8	2,549	34.1	7.42%	0.89%
Peat	3,158	25.7	4,131	29.4	30.81%	14.40%
Chromite ore	3,088	33.6	2,429	25.3	-21.34%	-24.70%
Andalusite, Kyannite and Sillimanite	1,483	19.6	1,771	23.1	19.42%	17.86%
Dolomite	869	13.3	1,253	16.8	44.18%	26.32%
Flint	1,671	13.2	2,283	16.4	36.62%	24.24%
Iron ore	49	2.2	2,356	14.9	4708.16%	577.27%
Fluorite	779	10.7	924	13.6	18.66%	27.10%
Lucite, Nepheline and Nepheline Syenite	1,326	12.3	1,433	12.1	8.07%	-1.63%
Antimony ore	253	3.4	570	10.8	125.30%	217.65%
Sandstone	449	4.9	992	10.4	120.94%	112.24%
Manganese ore	527	14.1	343	8.0	-34.91%	-43.26%
Quartz	5,059	37.3	2,549	7.1	-49.61%	-80.97%
Gypsum	39,349	14.3	3,745	6.3	-90.48%	-55.94%
Vermiculite, Perlite and Chlorites	306	2.9	491	5.1	60.46%	75.86%
Anhydrite	18	0.2	448	3.7	2388.89%	1750.00%
Iron Pyrites	206	4.0	188	2.9	-8.74%	-27.50%
Witherite	0.1	0.1	141	2.7	140900.00%	2600.00%
Limestone	476	3.3	416	2.5	-12.58%	-24.24%
Tungsten						
- Wolfram	-	-	25	2.5	-	-
- Other Tungsten	2	0.8	0*	0.0**	-	-
Molybdenite ore	23	1.1	34	2.3	47.83%	109.09%
Ecaussine	4,210	8.1	227	1.9	-94.61%	-76.54%
Orpiment	64	1.4	86	1.8	34.38%	28.57%
Lead ore	0.7	0.5	64	1.3	9042.86%	160.00%
Serpentine	-	-	124	1.1	-	-
Slate	86	1.4	99	1.0	15.12%	-28.57%
Chalk	8	1.8	18	0.9	125.00%	-50.00%
Struverite	-	-	30	0.9	-	-
Fireclay	193	5.3	23	0.4	-88.08%	-92.45%
Rock salt	8	0.1	23	0.3	187.50%	200.00%
Silver ore	0*	0.1	0*	0.3	-	200.00%
Nickel ore	0*	0.0**	0*	0.2	-	-
Calcite	32	0.3	8	0.0**	-75.00%	-
Lignite	0*	0.1	11	0.0**	-	-
Potash	0*	0.0**	0*	0.0**	-	-
Attapulgite	0.2	0.1	-	-	-100.00%	-100.00%
Travertine	20	0.1	-	-	-100.00%	-100.00%
Total		34,122.2		34,574.5		1.33%

0* denoting the amount of less than 0.1 tonnes

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

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Mineral	2005		2006		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<u>Mineral Fuels and Energy</u>						
Anthracite	490,485	1,406.7	553,489	1,236.5	12.85%	-12.10%
Bituminous coal	6,206,915	11,221.7	5,707,606	10,952.1	-8.04%	-2.40%
Coke	70,958	823.0	53,672	479.3	-24.36%	-41.76%
Lignite	0*	0.1	11	0.0**	-	-
Peat	3,158	25.7	4,131	29.4	30.81%	14.40%
Other coal	1,800,111	1,945.1	4,851,618	6,062.7	169.52%	211.69%
Total		15,422.3		18,760.0		21.64%
%		45.20		54.26		20.05%
<u>Iron and Ferro Alloy</u>						
Chromite ore	3,088	33.6	2,429	25.3	-21.34%	-24.70%
Copper	100,129	3,025.7	10,056	1,428.4	-89.96%	-52.79%
Iron ore	49	2.2	2,356	14.9	4708.16%	577.27%
Iron Pyrites	206	4.0	188	2.9	-8.74%	-27.50%
Manganese ore	527	14.1	343	8.0	-34.91%	-43.26%
Molybdenite ore	23	1.1	34	2.3	47.83%	109.09%
Nickel ore	0*	0.0**	0*	0.2	-	-
Niobium and Vanadium ore	46,360	107.9	37,242	373.5	-19.67%	246.15%
Struverite	-	-	30	0.9	-	-
Tantalite	961	1,344.5	687	745.1	-28.51%	-44.58%
Tungsten						
- Wolfram	-	-	25	2.5	-	-
- Other tungsten	2	0.8	0*	0.0**	-	-
Total		4,533.9		2,604.0		-42.57%
%		13.29		7.53		-43.32%
<u>Base Metals</u>						
Aluminium ore	5,523,909	234.1	41,835	210.0	-99.24%	-10.29%
Antimony ore	253	3.4	570	10.8	125.30%	217.65%
Lead ore	0.7	0.5	64	1.3	9042.86%	160.00%
Tin ore	20,018	3,937.9	6,545	1,247.3	-67.30%	-68.33%
Zinc ore	109,675	2,183.6	101,866	5,273.5	-7.12%	141.50%
Total		6,359.5		6,742.9		6.03%
%		18.64		19.50		4.64%
<u>Precious Metals and Precious Stone</u>						
Emery	2,560	36.9	3,316	42.5	29.53%	15.18%
Silver ore	0*	0.1	0*	0.3	-	200.00%
Total		37.0		42.8		15.68%
%		0.11		0.12		14.16%
<u>Light Metals and Rare Earth</u>						
Titanium ore						
- Rutile	2,644	70.5	1,951	49.8	-26.21%	-29.36%
- Leucoxene	7,047	153.9	3,527	76.2	-49.95%	-50.49%
- Ilmenite	-	-	782	5.6	-	-
- Other Titanium ore	2	0.0**	3	0.1	50.00%	-
Zirconium ore	12,792	395.3	13,915	466.7	8.78%	18.06%
Total		619.7		598.4		-3.44%
%		1.82		1.73		-4.70%
<u>Cement Industrial Minerals</u>						
Anhydrite	18	0.2	448	3.7	2388.89%	1750.00%
Gypsum	39,349	14.3	3,745	6.3	-90.48%	-55.94%
Limestone	476	3.3	416	2.5	-12.58%	-24.24%
Total		17.8		12.5		-29.78%
%		0.05		0.04		-30.69%
<u>Ceramic Industrial Minerals</u>						
Andalusite, Kyannite and Sillimanite	1,483	19.6	1,771	23.1	19.42%	17.86%
Attapulgate	0.2	0.1	-	-	-100.00%	-100.00%
Ball Clay	16,623	71.1	13,473	64.8	-18.95%	-8.86%
Dolomite	869	13.3	1,253	16.8	44.18%	26.32%

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Feldspar						
- Potassium	20,478	78.3	16,935	46.6	-17.30%	-40.49%
- Sodium	2,886	16.3	4,127	15.2	43.00%	-6.75%
- Other Feldspar	18,775	57.1	21,653	61.4	15.33%	7.53%
Kaolin						
- Ceramic	23,033	165.3	27,764	248.3	20.54%	50.21%
- Paper	18,133	161.6	22,942	187.9	26.52%	16.27%
- Others	41,775	366.6	53,969	386.1	29.19%	5.32%
Lucite, Nepheline and Nepheline Syenite	1,326	12.3	1,433	12.1	8.07%	-1.63%
Mullite	2,373	33.8	2,549	34.1	7.42%	0.89%
Quartz	5,059	37.3	2,549	7.1	-49.61%	-80.97%
Silica sand	29,563	103.7	33,472	96.4	13.22%	-7.04%
Total		1,136.4		1,199.9		5.59%
%		3.33		3.47		4.21%
Dimension Stone						
Basalt	18,480	81.9	17,181	76.4	-7.03%	-6.72%
Ecaussine	4,210	8.1	227	1.9	-94.61%	-76.54%
Marble	28,967	161.0	30,267	201.4	4.49%	25.09%
Granite	135,030	614.8	158,806	664.0	17.61%	8.00%
Travertine	20	0.1	-	-	-100.00%	-100.00%
Sandstone	449	4.9	992	10.4	120.94%	112.24%
Serpentine	-	-	124	1.1	-	-
Slate	86	1.4	99	1.0	15.12%	-28.57%
Total		872.2		956.2		9.63%
%		2.56		2.77		8.20%
Industrial Rock						
Flint	1,671	13.2	2,283	16.4	36.62%	24.24%
Pumice stone	7,456	73.5	7,254	66.7	-2.71%	-9.25%
Vermiculite, Perlite and Chlorites	306	2.9	491	5.1	60.46%	75.86%
Total		89.6		88.2		-1.56%
%		0.26		0.26		-2.85%
Other Industrial Minerals						
Asbestos	175,977	2,029.9	140,861	1,709.8	-19.95%	-15.77%
Barite	25,552	71.9	51,825	142.7	102.82%	98.47%
Bentonite	49,661	288.1	49,656	278.7	-0.01%	-3.26%
Calcite	32	0.3	8	0.0**	-75.00%	-
Chalk	8	1.8	18	0.9	125.00%	-50.00%
Cryolite and Chiolite						
Fireclay	193	5.3	23	0.4	-88.08%	-92.45%
Fluorite	779	10.7	924	13.6	18.66%	27.10%
Kieserite and Epsomite	4,525	25.4	17,342	87.8	283.25%	245.67%
Mica	3,792	88.5	4,360	79.2	14.97%	-10.51%
Orpiment	64	1.4	86	1.8	34.38%	28.57%
Phosphate						
- Ground	216,389	640.2	1,182	6.0	-99.45%	-99.06%
- Unground	10,400	28.8	20,250	56.2	94.71%	95.14%
Graphite	855	48.6	745	42.3	-12.87%	-12.96%
Magnesite	32,702	350.9	6,535	89.3	-80.02%	-74.55%
Steatite	10,760	96.7	14,100	128.4	31.04%	32.78%
Potash	0*	0.0**	0*	0.0**	-	-
Rock salt	8	0.1	23	0.3	187.50%	200.00%
Sulphur	183,690	718.9	81,271	276.8	-55.76%	-61.50%
Talc	79,673	626.2	82,007	652.7	2.93%	4.23%
Witherite	0.1	0.1	141	2.7	140900.00%	2600.00%
Total		5,033.8		3,569.6		-29.09%
%		14.75		10.32		-30.02%
Total		34,122.2		34,574.5		1.33%

0* denoting the amount of less than 0.1 tonnes

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