

Mineral Import of Thailand 2001 - 2005

Quantity : Tonnes

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

Value : Million Baht

Mineral	2001		2002		2003		2004		2005	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Mineral Fuels and Energy										
Anthracite	234,887	353.5	581,254	827.6	532,863	829.8	355,132	720.9	490,485	1,406.7
Bituminous coal	2,796,546	4,328.6	3,562,159	4,918.4	5,349,888	6,016.9	4,912,897	8,356.0	6,206,915	11,221.7
Coke	57,056	312.2	70,653	316.2	64,748	405.2	66,385	1,001.5	70,958	823.0
Lignite	-	-	-	-	-	-	8	9.4	0*	0.1
Peat	2,226	13.3	2,853	18.7	3,820	28.5	4,026	31.8	3,158	25.7
Other coal	1,848,511	2,481.8	1,381,913	1,567.2	1,925,016	2,049.4	2,211,506	2,155.5	1,800,111	1,945.1
Total		7,489.4		7,648.1		9,329.8		12,275.1		15,422.3
%		34.55		42.32		45.91		43.00		45.20
Iron and Ferro Alloy										
Chromite ore	4,347	35.8	2,750	20.8	2,643	20.1	2,371	22.5	3,088	33.6
Copper	-	-	-	-	-	-	86,314	2,578.8	100,129	3,025.7
Cobalt ore	-	-	-	-	-	-	0*	0.0**	-	-
Iron ore	-	-	38	0.1	1	0.0**	83	1.5	49	2.2
Iron Pyrites	178	4.2	89	2.3	238	6.6	175	3.5	206	4.0
Manganese ore	6	0.1	176	2.2	138	3.0	696	25.1	527	14.1
Molybdenite ore	1	0.0**	14	0.4	25	0.7	29	1.0	23	1.1
Nickel ore	1	0.4	0.2	0.2	0.1	0.1	0*	0.1	0*	0.0**
Niobium and Vanadium ore	8,822	2,147.8	24,886	882.3	29,758	338.0	19,958	996.6	46,360	107.9
Struverite	11	7.1	-	-	-	-	-	-	-	-
Tantalite	437	627.6	194	214.8	581	794.0	1,090	1,610.8	961	1,344.5
Tungsten										
- Wolfram	30	2.2	-	-	-	-	-	-	-	-
- Other Tungsten	195	3.6	0*	0.0**	1	0.5	6	3.2	2	0.8
Total		2,828.8		1,123.1		1,163.0		5,243.1		4,533.9
%		13.05		6.21		5.72		18.37		13.29
Base Metals										
Aluminium ore	40,935	138.3	44,781	141.1	42,864	141.8	36,907	168.0	5,523,909	234.1
Antimony ore	-	-	29	5.3	72	9.7	105	1.3	253	3.4
Lead ore	13	2.9	4	0.9	0*	0.0**	2	0.3	0.7	0.5
Tin ore	40,147	4,004.8	26,578	2,274.4	18,409	2,179.4	12,753	2,670.5	20,018	3,937.9
Zinc ore	210,345	2,106.9	153,129	1,234.3	151,623	1,636.9	96,749	1,432.4	109,675	2,183.6
Total		6,252.9		3,656.0		3,967.8		4,272.5		6,359.5
%		28.85		20.23		19.52		14.97		18.64
Precious Metals and Precious Stone										
Emery	2,497	35.9	2,449	33.3	2,754	37.7	3,175	37.8	2,560	36.9
Silver ore	-	-	0*	0.0**	-	-	-	-	0*	0.1
Total		35.9		33.3		37.7		37.8		37.0
%		0.17		0.18		0.19		0.13		0.11
Light Metals and Rare Earth										
Titanium ore										
- Rutile	2,501	56.4	2,261	46.1	1,922	37.5	2,848	65.3	2,644	70.5
- Leucosene	5,324	99.2	5,240	89.8	5,700	106.5	6,636	125.4	7,047	153.9
- Other Titanium ore	60	1.2	100	2.0	100	2.0	20	0.4	2	0.0**
Zirconium ore	1,645	23.8	162	6.7	707	17.5	11,513	268.0	12,792	395.3
Total		180.6		144.6		163.5		459.1		619.7
%		0.83		0.80		0.80		1.61		1.82
Cement Industrial Minerals										
Anhydrite	4	0.1	4	0.1	-	-	-	-	18	0.2
Gypsum	137	1.8	181	2.0	353	4.0	218	3.1	39,349	14.3
Limestone	460	1.7	213	1.0	459	3.6	599	6.2	476	3.3
Total		3.6		3.1		7.6		9.3		17.8
%		0.02		0.02		0.04		0.03		0.05
Ceramic Industrial Minerals										
Andalusite, Kyannite and Sillimanite	523	12.4	905	12.6	1,084	15.2	1,591	20.4	1,483	19.6
Attapulgit	-	-	-	-	-	-	0.2	0.1	0.2	0.1
Ball Clay	7,790	40.7	4,375	24.1	7,742	39.3	17,455	66.3	16,623	71.1
Dolomite	909	7.7	1,059	8.7	1,227	10.6	1,400	15.2	869	13.3

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Ceramic Industrial Minerals										
Feldspar										
- Potassium	11,407	44.0	13,487	50.2	21,654	64.3	18,979	62.7	20,478	78.3
- Sodium	1,007	6.2	2,388	12.1	1,889	8.0	2,471	10.3	2,886	16.3
- Other Feldspar	1,848	17.2	3,292	21.8	3,649	21.1	10,566	35.5	18,775	57.1
Kaolin										
- Ceramic	19,502	164.7	22,157	172.7	16,127	155.0	26,451	172.9	23,033	165.3
- Paper	22,312	215.3	21,565	197.7	23,265	201.2	23,479	193.1	18,133	161.6
- Others	19,541	186.0	26,940	245.8	52,043	344.0	58,653	418.3	41,775	366.6
Lucite, Nepheline and Nepheline Syenite	316	4.3	471	6.1	619	7.2	716	8.0	1,326	12.3
Mullite	895	21.2	1,609	33.7	1,460	23.0	2,272	32.4	2,373	33.8
Quartz	81	5.0	230	9.8	368	16.8	1,956	44.5	5,059	37.3
Silica sand	17,371	52.8	15,868	64.1	15,871	68.9	20,339	126.1	29,563	103.7
Total		777.5		859.4		974.6		1,205.8		1,136.4
%		3.59		4.76		4.80		4.22		3.33
Dimension Stone										
Basalt	1,008	5.4	5,354	18.9	7,707	31.9	19,996	96.1	18,480	81.9
Ecaussine	133	0.9	216	1.4	160	1.3	383	2.8	4,210	8.1
Marble	0*	0.1	369	1.7	10,925	55.7	34,769	165.3	28,967	161.0
Granite	76,950	221.9	111,842	344.9	114,482	516.5	118,967	533.7	135,030	614.8
Travertine	-	-	-	-	-	-	0.1	0.0**	20	0.1
Sandstone	2,037	17.1	748	10.8	892	8.5	550	7.2	449	4.9
Slate	3	0.1	-	-	39	0.3	158	2.1	86	1.4
Total		245.5		377.7		614.2		807.2		872.2
%		1.13		2.09		3.02		2.83		2.55
Industrial Rock										
Flint	4,074	28.8	3,189	20.6	2,395	18.5	2,944	22.8	1,671	13.2
Pumice stone	4,789	53.4	5,968	67.7	6,930	80.0	7,200	75.8	7,456	73.5
Vermiculite, Perlite and Chlorites	791	5.8	541	4.7	1,027	7.6	515	3.6	306	2.9
Total		88.0		93.0		106.1		102.2		89.6
%		0.41		0.51		0.52		0.36		0.26
Other Industrial Minerals										
Asbestos	623,224	1,784.6	181,348	2,145.2	166,483	1,925.2	166,075	1,799.7	175,977	2,029.9
Barite	23,577	25.9	18,808	33.2	28,378	56.4	32,479	83.4	25,552	71.9
Bentonite	27,364	163.3	31,125	156.1	38,417	192.0	49,462	254.6	49,661	288.1
Calcite	45	0.1	-	-	161	0.8	102	0.6	32	0.3
Chalk	0.2	0.2	9	0.4	35	0.9	33	2.3	8	1.8
Cryolite and Chiolite	407.0	1.7	-	-	-	-	-	-	-	-
Fireclay	18	1.4	34	0.7	35	1.2	17	0.8	193	5.3
Fluorite	2,226	15.0	533	6.1	565	7.3	806	10.9	779	10.7
Kieserite and Epsomite	1,107	5.8	1,304	5.6	2,191	9.6	5,113	23.4	4,525	25.4
Mica	1,291	41.8	1,498	41.0	2,522	49.9	3,851	68.8	3,792	88.5
Orpiment	1,238	21.1	83	1.6	161	2.6	122	2.4	64	1.4
Phosphate										
- Ground	281,410	712.7	255,847	577.7	154,755	366.5	164,872	464.8	216,389	640.2
- Unground	20,350	47.9	7,006	29.5	35,195	76.6	10,575	45.0	10,400	28.8
Graphite	779	30.4	748	28.2	960	41.0	869	39.7	855	48.6
Magnesite	25,317	247.9	27,658	256.3	28,158	268.4	43,473	391.0	32,702	350.9
Steatite	1,417	14.6	4,296	40.4	14,138	121.2	11,242	97.3	10,760	96.7
Potash	20	0.4	-	-	-	-	0*	0.0**	0*	0.0**
Pyrophyllite	2	0.0**	-	-	-	-	-	-	-	-
Rock salt	6	0.1	-	-	3	0.1	6	0.1	8	0.1
Sulphur	111,891	204.0	139,081	356.2	95,851	398.4	81,145	309.8	183,690	718.9
Talc	67,666	455.4	69,245	455.0	66,999	441.1	80,770	539.5	79,673	626.2
Witherite	0*	0.0**	22	0.4	-	-	0*	0.0**	0.1	0.1
Total		3,774.3		4,133.6		3,959.2		4,134.1		5,033.8
%		17.41		22.87		19.48		14.48		14.75
Total		21,676.5		18,071.9		20,323.5		28,546.2		34,122.2

0* denoting the amount of less than 0.1 tonnes

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