

Mineral Import of Thailand 2010 - 2011

Quantity : Tonnes
Value : Million Baht

Mineral	2010		2011		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Mineral Fuels and Energy						
Anthracite	367,817	1,539.6	210,701	1,407.3	-42.72%	-8.59%
Bituminous coal	6,619,170	15,548.3	4,484,690	13,077.7	-32.25%	-15.89%
Coke	208,729	2,922.0	108,164	1,667.5	-48.18%	-42.93%
Lignite	79	1.2	15	0.3	-80.93%	-75.00%
Peat	7,770	64.7	9,644	81.7	24.12%	26.28%
Other coal	9,700,720	19,286.5	11,459,285	25,973.6	18.13%	34.67%
Total		39,362.3		42,208.1		7.23%
%		70.14		71.37		1.76%
Iron and Ferro Alloy						
Chromite ore	2,785	37.6	2,202	40.4	-20.94%	7.45%
Columbite	-	-	196	81.0	-	-
Iron ore	457,508	1,689.8	161,427	770.2	-64.72%	-54.42%
Iron Pyrites	314	4.2	230	3.1	-26.84%	-26.19%
Manganese ore	4,530	17.8	18,633	42.8	311.30%	140.45%
Molybdenite ore	9,864	1,627.7	10,420	1,406.1	5.64%	-13.61%
Nickel ore	0.2	0.1	4	4.2	2566.67%	4100.00%
Tungsten						
- Wolfram	7	0.1	39	2.9	463.99%	2800.00%
- Other tungsten	0*	0.0*	-	0.0*	-	-
Total		3,377.3		2,350.7		-30.40%
%		6.02		3.98		-33.95%
Base Metals						
Aluminium ore	32,051	270.3	32,736	284.9	2.14%	5.40%
Antimony ore	4,356	134.6	8,803	263.1	102.08%	95.47%
Copper	374	4.9	352	4.1	-5.76%	-16.33%
Lead ore	283	5.5	32	0.7	-88.70%	-87.27%
Tin ore	3,432	685.0	2,716	257.2	-20.85%	-62.45%
Zinc ore	174,586	3,781.4	125,818	3,273.4	-27.93%	-13.43%
Total		4,881.7		4,083.4		-16.35%
%		8.70		6.90		-20.62%
Precious Metals and Precious Stone						
Emery	4,812	53.7	4,804	52.7	-0.16%	-1.86%
Silver ore	25	1.3	19	1.7	-25.08%	30.77%
Total		55.0		54.4		-1.09%
%		0.10		0.09		-6.14%
Light Metals and Rare Earth						
ilmenite ore	63	1.5	73	3.3	15.87%	120.00%
Niobium and Vanadium ore	11,863	1,101.8	8,075	686.1	-31.93%	-37.73%
Titanium ore						
- Rutile	7,276	77.9	6,684	181.5	-8.14%	132.96%
- Leucoxene	8,080	215.2	3,389	104.6	-58.06%	-51.41%
- Ilmenite	840	8.1	680	8.2	-19.05%	1.62%
- Other Titanium ore	1,003	27.7	1,035	67.3	3.20%	143.12%
Thorium ore	0.02	0.1	20,069	114.8	118052841.18%	114687.27%
Tantalite	-	-	483	946.8	-	-
Zirconium ore	47,451	493.1	46,633	1,351.6	-1.72%	174.11%
Total		1,925.4		3,464.2		79.92%
%		3.43		5.86		70.74%
Cement Industrial Minerals						
Anhydrite	25	0.7	-	0.0*	-100.00%	-99.08%
Gypsum	522	9.0	614	9.9	17.53%	9.77%
Limestone	76	2.4	16	0.1	-79.52%	-96.07%
Total		12.1		10.0		-17.52%
%		0.02		0.02		-21.73%
Ceramic Industrial Minerals						
Andalusite, Kyannite and Sillimanite	2,856	41.5	3,555	47.5	24.47%	14.55%
Attapulгите	146	1.1	412	3.2	181.66%	188.51%
Ball Clay	6,592	42.4	5,463	33.9	-17.13%	-20.18%
Dolomite	977	11.6	1,224	12.2	25.26%	5.49%

Mineral Import of Thailand 2010 - 2011

Quantity : Tonnes
Value : Million Baht

Mineral	2010		2011		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Ceramic Industrial Minerals						
Feldspar						
- Potassium	25,928	81.4	33,342	104.6	28.60%	28.49%
- Sodium	3,010	11.1	3,772	13.8	25.33%	24.53%
- Other Feldspar	3,891	24.0	3,935	22.1	1.13%	-7.99%
Kaolin						
- Ceramic	13,880	147.3	16,907	141.9	21.80%	-3.65%
- Paper	5,918	62.5	4,423	42.8	-25.26%	-31.60%
- Others	65,956	536.9	65,691	543.5	-0.40%	1.23%
Lucite, Nepheline and Nepheline Syenite	1,489	15.1	1,535	14.5	3.10%	-3.73%
Mullite	1,771	26.1	1,671	23.3	-5.65%	-10.90%
Quartz	2,572	23.5	3,127	14.0	21.58%	-40.59%
Silica sand	28,195	94.6	27,943	120.3	-0.90%	27.19%
Total		1,119.1		1,137.6		1.65%
%		2.00		1.92		300.00%
Dimension Stone						
Basalt	268,767	102.3	57,184	103.5	-78.72%	1.16%
Ecaussine	2	0.0*	3	0.7	79.04%	-
Marble	45,010	322.0	49,532	364.0	10.05%	13.04%
Granite	138,476	476.9	136,495	482.9	-1.43%	1.26%
Travertine	0.1	0.0*	0.1	0.1	-52.17%	-
Sandstone	0*	0.0*	-	-	-100.00%	-
Slate	346	4.4	21	0.3	-93.87%	-94.26%
Total		905.6		951.5		5.07%
%		1.61		1.61		-0.30%
Industrial Rock						
Flint	6,503	15.2	45,200	22.9	595.06%	50.92%
Pumice stone	5,286	56.5	5,077	58.7	-3.96%	3.80%
Vermiculite, Perlite and Chlorites	1,944	14.9	3,133	28.8	61.16%	93.18%
Total		86.6		110.4		27.45%
%		0.15		0.19		20.94%
Other Industrial Minerals						
Apatite						
- Ground	3,140	39.5	2,705	17.8	-13.85%	-54.90%
- Unground	-	-	2	0.0*	-	-
Asbestos	79,250	1,121.5	81,411	1,111.9	2.73%	-0.86%
Barite	78,862	274.1	94,650	399.2	20.02%	45.65%
Bentonite	65,096	408.2	103,555	505.9	59.08%	23.92%
Chalk	31	1.2	62	1.6	103.52%	37.12%
Fireclay	4,688	61.6	1,621	20.6	-65.42%	-66.49%
Fluorite	508	9.8	1,022	18.0	101.26%	83.17%
Kieserite	2,847	17.1	8,062	57.6	183.20%	236.65%
Mica	5,504	125.3	4,860	128.8	-11.70%	2.79%
Orpiment	0.1	0.0*	1	0.0*	1244.00%	-
Phosphate						
- Ground	356	3.0	71	0.7	-80.21%	-75.37%
- Unground	11,000	25.0	1	0.1	-100.00%	-99.58%
Graphite	1,372	75.9	1,397	98.2	1.83%	29.38%
Magnesite	3,530	48.9	4,429	62.7	25.47%	28.28%
Steatite	2,295	11.6	1,451	10.1	-36.77%	-13.31%
Rock salt	1	0.0*	5	0.1	406.90%	-
Sulphur	132,199	713.9	125,722	937.7	-4.90%	31.35%
Talc	135,219	1,452.9	126,254	1,380.8	-6.63%	-4.96%
Witherite	501	4.8	1,149	16.6	129.34%	246.24%
Total		4,394.3		4,768.4		8.51%
%		7.83		8.06		2.97%
Total		56,119.4		59,138.7		6.92%

0* denoting the amount of less than 0.1 metric tonnes

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