

## Mineral Import of Thailand 2021 - 2022 (Jan. - Jun.)

Source : Department of Primary Industries and Mines, in cooperation with the Customs Department.

Quantity : Tonnes    Value : Million Baht

Mineral	2021		2022		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Aluminium ore	14,916	194.1	12,417	199.0	-16.76%	2.55%
Andalusite, Kyannite and Sillimanite	2,175	27.0	1,876	33.2	-13.74%	22.90%
Anhydrite	-	-	-	-	-	-
Anthracite	61,986	248.8	56,148	697.6	-9.42%	180.41%
Antimony ore	4,722	517.8	1,785	211.7	-62.19%	-59.12%
Apatite (ground)	3,312	8.8	4,041	17.1	22.01%	94.54%
Asbestos	15,683	219.2	18,649	322.0	18.92%	46.90%
Attapulgitite	0	0.0	2	0.1	1283.33%	636.26%
Ball Clay	12,255	75.2	11,833	96.6	-3.45%	28.36%
Barite	41,104	82.2	57,201	122.4	39.16%	48.97%
Basalt	5,865	34.6	4,346	29.2	-25.91%	-15.52%
Bentonite	78,057	444.7	75,845	513.3	-2.83%	15.44%
Bituminous coal	4,501,053	10,267.4	2,873,722	10,627.1	-36.15%	3.50%
Calcite	-	-	-	-	-	-
Chalk	28	0.4	19	0.4	-34.03%	12.37%
Chromite ore	543	5.8	1,054	17.5	94.12%	201.26%
Coal Solid Fuels from Coal	7,350,252	12,702.6	7,049,555	27,385.7	-4.09%	115.59%
Cobalt ore	0	0.4	-	-	-	-
Coke	7,514	122.0	9,570	194.6	27.37%	59.50%
Columbite	-	-	136	109.7	-	-
Copper	4,260	16.3	1,337	6.8	-68.62%	-58.31%
Dolomite	253	2.8	1,553	17.9	513.54%	531.23%
Ecaussine	-	-	-	-	-	-
Emery	3,829	40.9	3,392	42.2	-11.41%	3.17%
Epsomite	21	0.2	22	0.4	4.88%	70.72%
Feldspar	-	-	-	-	-	-
- Potassium, Sodium Feldspar	18,560	66.4	9,903	45.5	-46.65%	-31.54%
- Other Feldspar	9,687	36.7	13,135	68.0	35.59%	85.35%
Fireclay	654	7.8	440	6.6	-32.75%	-15.30%
Flint	184,187	39.0	388,736	67.6	111.05%	73.51%
Fluorite	6,535	30.7	3,456	33.7	-47.11%	9.86%
Granite	24,670	106.7	16,546	110.1	-32.93%	3.24%
Graphite	3,264	76.3	1,382	56.3	-57.67%	-26.24%
Gypsum	124	2.8	322	6.4	159.26%	131.71%
ilmenite ore	104	4.7	52	3.5	-49.82%	-24.46%
Iron ore	558	4.4	1,390	16.4	149.00%	272.61%
Iron Pyrites	1,251	7.9	3,436	22.0	174.56%	178.18%
Kaolin	-	-	-	-	-	-
- Ceramic	19,041	136.7	24,280	239.3	27.52%	75.12%
- Paper	4,935	49.6	4,072	47.8	-17.49%	-3.67%
- Others	42,257	377.3	38,694	514.6	-8.43%	36.41%
Kieserite	8,495	45.2	3,316	28.2	-60.97%	-37.62%
Lead ore	101	37.0	129	25.3	28.15%	-31.80%
Lignite	129,005	123.6	136,131	139.1	5.52%	12.53%
Limestone	1,566	21.6	1,049	11.3	-33.00%	-47.61%
Lucite, Nepheline and Nepheline Syenite	345	10.0	326	6.5	-5.49%	-34.59%
Magnesite	2,902	42.4	1,629	24.7	-43.88%	-41.74%
Manganese ore	10,599	18.3	15,248	29.0	43.86%	58.45%
Marble	11,768	172.9	17,145	376.5	45.69%	117.78%
Mica	3,952	97.5	2,872	88.5	-27.33%	-9.21%
Molybdenite ore	3,525	666.9	1,909	345.9	-45.84%	-48.13%
Mullite	1,640	25.4	1,260	25.8	-23.20%	1.58%
Nickel ore	1	1.1	3	3.2	189.57%	200.31%
Niobium and Vanadium ore	34,037	794.1	13,854	822.7	-59.30%	3.60%
Orpiment	701	5.7	780	7.0	11.19%	24.06%
Peat	12,694	109.9	15,795	145.5	24.43%	32.36%
Phosphate	-	-	-	-	-	-
- Ground	-	-	4	0.7	-	-
- Unground	0	0.0	2	0.0	9935.00%	233.91%
Potash	-	-	-	-	-	-
Pumice stone	5,473	40.1	5,042	39.6	-7.88%	-1.25%
Pyrophyllite	100	0.7	3,280	22.0	3180.00%	3229.30%
Quartz	26,333	169.5	41,937	477.4	59.26%	181.59%
Rock salt	91	2.0	106	1.7	16.58%	-14.48%
Sandstone	405	5.4	284	3.8	-29.84%	-29.51%
Serpentine	55	0.7	-	-	-	-
Silica sand	38,743	225.0	113,501	614.2	192.96%	172.95%
Silver ore	4	0.3	8	0.8	100.00%	184.92%
Slate	23	0.3	119	2.0	425.62%	505.47%
Steatite	682	9.6	546	9.7	-20.00%	1.50%
Sulphur	63,273	356.2	56,033	731.4	-11.44%	105.31%
Talc	81,324	900.7	66,250	834.2	-18.54%	-7.38%
Tantalite	423	514.1	336	602.6	-20.47%	17.21%
Thorium ore	-	-	-	-	-	-
Tin ore	9,310	4,231.9	6,514	5,293.6	-30.03%	25.09%
Titanium ore	-	-	-	-	-	-
- Rutile	708	32.5	1,151	79.4	62.54%	144.83%
- Leucoxene	160	6.1	500	32.9	212.50%	441.71%
- Ilmenite	161	4.1	-	0.0	-	-
- Other Titanium ore	176	7.5	2,042	115.2	1059.18%	1438.68%
Tungsten (other)	-	-	-	-	-	-
Vermiculite, Perlite and Chlorites	2,290	22.4	4,874	37.7	112.79%	68.12%
Witherite	50	0.8	25	0.6	-50.00%	-15.82%
Xenotime	-	-	25	0.2	-	-
Zinc ore	4,759	12.1	7,755	45.2	62.95%	273.71%
Zirconium ore	15,969	390.9	2,632	195.6	-83.52%	-49.96%
<b>Total</b>		<b>35,062.2</b>		<b>53,102.0</b>		<b>51.45%</b>

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

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

# Mineral Import of Thailand 2021 - 2022 (Jan. - Jun.) by Group

Quantity : Tonnes

Source : Department of Primary Industries and Mines, in cooperation with the Customs Department.

Value : Million Baht

Mineral	2021		2022		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<b>Mineral Fuels and Energy</b>						
Anthracite	61,986	248.8	56,148	697.6	-9.42%	180.41%
Bituminous coal	4,501,053	10,267.4	2,873,722	10,627.1	-36.15%	3.50%
Coal Solid Fuels from Coal	7,350,252	12,702.6	7,049,555	27,385.7	-4.09%	115.59%
Coke	7,514	122.0	9,570	194.6	27.37%	59.50%
Lignite	129,005	123.6	136,131	139.1	5.52%	12.53%
Peat	12,694	109.9	15,795	145.5	24.43%	32.36%
Total		23,574.2		39,189.4		66.24%
%		67.24		73.80		9.76%
<b>Iron and Ferro Alloy</b>						
Chromite ore	543	5.8	1,054	17.5	94.12%	201.26%
Cobalt ore	0	0.4	-	-	-	-
Columbite	-	-	136	109.7	-	-
Iron ore	558	4.4	1,390	16.4	149.00%	272.61%
Iron Pyrites	1,251	7.9	3,436	22.0	174.56%	178.18%
Manganese ore	10,599	18.3	15,248	29.0	43.86%	58.45%
Molybdenite ore	3,525	666.9	1,909	345.9	-45.84%	-48.13%
Nickel ore	1	1.1	3	3.2	189.57%	200.31%
Tungsten (other)	-	-	-	-	-	-
Total		704.8		543.8		-22.84%
%		2.01		1.02		-49.05%
<b>Base Metals</b>						
Aluminium ore	14,916	194.1	12,417	199.0	-16.76%	2.55%
Antimony ore	4,722	517.8	1,785	211.7	-62.19%	-59.12%
Copper	4,260	16.3	1,337	6.8	-68.62%	-58.31%
Lead ore	101	37.0	129	25.3	28.15%	-31.80%
Tin ore	9,310	4,231.9	6,514	5,293.6	-30.03%	25.09%
Zinc ore	4,759	12.1	7,755	45.2	62.95%	273.71%
Total		5,009.3		5,781.5		15.42%
%		14.29		10.89		-23.79%
<b>Precious Metals and Precious Stone</b>						
Emery	3,829	40.9	3,392	42.2	-11.41%	3.17%
Silver ore	4	0.3	8	0.8	100.00%	184.92%
Total		41.2		43.0		4.45%
%		0.12		0.08		-31.03%
<b>Light Metals and Rare Earth</b>						
ilmenite ore	104	4.7	52	3.5	-49.82%	-24.46%
Niobium and Vanadium ore	34,037	794.1	13,854	822.7	-59.30%	3.60%
Tantalite	423	514.1	336	602.6	-20.47%	17.21%
Thorium ore	-	-	-	-	-	-
Titanium ore						
- Rutile	708	32.5	1,151	79.4	62.54%	144.83%
- Leucoxene	160	6.1	500	32.9	212.50%	441.71%
- Ilmenite	161	4.1	-	0.0	-	-
- Other Titanium ore	176	7.5	2,042	115.2	1059.18%	1438.68%
Zirconium ore	15,969	390.9	2,632	195.6	-83.52%	-49.96%
Total		1,753.8		1,852.0		5.60%
%		5.00		3.49		-30.28%
<b>Cement Industrial Minerals</b>						
Anhydrite	-	-	-	-	-	-
Gypsum	124	2.8	322	6.4	159.26%	131.71%
Limestone	1,566	21.6	1,049	11.3	-33.00%	-47.61%
Total		24.4		17.7		-27.28%
%		0.07		0.03		-51.99%

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

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

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Quantity : Tonnes

Source : Department of Primary Industries and Mines, in cooperation with the Customs Department.

Value : Million Baht

Mineral	2021		2022		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<b>Ceramic Industrial Minerals</b>						
Andalusite, Kyannite and Sillimanite	2,175	27.0	1,876	33.2	-13.74%	22.90%
Attapulgit	0	0.0	2	0.1	1283.33%	636.26%
Ball Clay	12,255	75.2	11,833	96.6	-3.45%	28.36%
Dolomite	253	2.8	1,553	17.9	513.54%	531.23%
Feldspar						
- Potassium, Sodium Feldspar	18,560	66	9,903	45	-46.65%	-31.54%
- Other Feldspar	9,687	37	13,135	68	35.59%	85.35%
Kaolin						
- Ceramic	19,041	136.7	24,280	239.3	27.52%	75.12%
- Paper	4,935	49.6	4,072	47.8	-17.49%	-3.67%
- Others	42,257	377.3	38,694	514.6	-8.43%	36.41%
Lucite, Nepheline and Nepheline Syenite	345	10.0	326	6.5	-5.49%	-34.59%
Mullite	1,640	25.4	1,260	25.8	-23.20%	1.58%
Quartz	26,333	169.5	41,937	477.4	59.26%	181.59%
Silica sand	38,743	225.0	113,501	614.2	192.96%	172.95%
Total		1,201.6		2,186.7		81.99%
%		3.43		4.12		20.16%
<b>Dimension Stone</b>						
Ecaussine	-	-	-	-	-	-
Granite	24,670	106.7	16,546	110.1	-32.93%	3.24%
Marble	11,768	172.9	17,145	376.5	45.69%	117.78%
Sandstone	405	5.4	284	3.8	-29.84%	-29.51%
Serpentine	55	1	-	-	-	-
Slate	23	0.3	119	2.0	425.62%	505.47%
Total		286.0		492.4		72.18%
%		0.82		0.93		13.68%
<b>Industrial Rock</b>						
Basalt	5,865	34.6	4,346	29.2	-25.91%	-15.52%
Flint	184,187	39.0	388,736	67.6	111.05%	73.51%
Pumice stone	5,473	40.1	5,042	39.6	-7.88%	-1.25%
Vermiculite, Perlite and Chlorites	2,290	22.4	4,874	37.7	112.79%	68.12%
Total		136.1		174.1		27.95%
%		0.39		0.33		-15.52%
<b>Other Industrial Minerals</b>						
Apatite (ground)	3,312	8.8	4,041	17.1	22.01%	94.54%
Asbestos	15,683	219.2	18,649	322.0	18.92%	46.90%
Barite	41,104	82.2	57,201	122.4	39.16%	48.97%
Bentonite	78,057	444.7	75,845	513.3	-2.83%	15.44%
Calcite	-	-	-	-	-	-
Chalk	28	0.4	19	0.4	-34.03%	12.37%
Epsomite	21	0.2	22	0.4	4.88%	70.72%
Fireclay	654	7.8	440	6.6	-32.75%	-15.30%
Fluorite	6,535	30.7	3,456	33.7	-47.11%	9.86%
Graphite	3,264	76.3	1,382	56.3	-57.67%	-26.24%
Kieserite	8,495	45.2	3,316	28.2	-60.97%	-37.62%
Magnesite	2,902	42.4	1,629	24.7	-43.88%	-41.74%
Mica	3,952	97.5	2,872	88.5	-27.33%	-9.21%
Orpiment	701	5.7	780	7.0	11.19%	24.06%
Phosphate						
- Ground	-	-	4.0	0.7	-	-
- Unground	0	0.0	2	0.0	9935%	233.91%
Potash	-	-	-	-	-	-
Pyrophyllite	100	0.7	3,280	22	3180%	3229.30%
Rock salt	91	2.0	106	2	17%	-14.48%
Steatite	682	9.6	546	9.7	-20.00%	1.50%
Sulphur	63,273	356.2	56,033	731.4	-11.44%	105.31%
Talc	81,324	900.7	66,250	834.2	-18.54%	-7.38%
Witherite	50	0.8	25	0.6	-50.00%	-15.82%
Xenotime	-	-	25	0.2	-	-
Total		2,330.9		2,821.3		21.04%
%		6.65		5.31		-20.08%
<b>Total</b>		<b>35,062.2</b>		<b>53,102.0</b>		<b>51.45%</b>

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Bituminous coal	4,501,053	10,267.4	2,873,722	10,627.1	-36.15%	3.50%
Tin ore	9,310	4,231.9	6,514	5,293.6	-30.03%	25.09%
Talc	81,324	900.7	66,250	834.2	-18.54%	-7.38%
Niobium and Vanadium ore	34,037	794.1	13,854	822.7	-59.30%	3.60%
Kaolin						
- Ceramic	19,041	136.7	24,280	239.3	27.52%	75.12%
- Paper	4,935	49.6	4,072	47.8	-17.49%	-3.67%
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Silica sand	38,743	225.0	113,501	614.2	192.96%	172.95%
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Quartz	26,333	169.5	41,937	477.4	59.26%	181.59%
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Zirconium ore	15,969	390.9	2,632	195.6	-83.52%	-49.96%
Coke	7,514	122.0	9,570	194.6	27.37%	59.50%
Peat	12,694	109.9	15,795	145.5	24.43%	32.36%
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Emery	3,829	40.9	3,392	42.2	-11.41%	3.17%
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Lead ore	101	37.0	129	25.3	28.15%	-31.80%
Magnesite	2,902	42.4	1,629	24.7	-43.88%	-41.74%
Iron Pyrites	1,251	7.9	3,436	22.0	174.56%	178.18%
Pyrophyllite	100	0.7	3,280	22.0	3180.00%	3229.30%
Dolomite	253	2.8	1,553	17.9	513.54%	531.23%
Chromite ore	543	5.8	1,054	17.5	94.12%	201.26%
Apatite (ground)	3,312	8.8	4,041	17.1	22.01%	94.54%
Iron ore	558	4.4	1,390	16.4	149.00%	272.61%
Limestone	1,566	21.6	1,049	11.3	-33.00%	-47.61%
Steatite	682	9.6	546	9.7	-20.00%	1.50%
Orpiment	701	5.7	780	7.0	11.19%	24.06%
Copper	4,260	16.3	1,337	6.8	-68.62%	-58.31%
Fireclay	654	7.8	440	6.6	-32.75%	-15.30%
Lucite, Nepheline and Nepheline Syenite	345	10.0	326	6.5	-5.49%	-34.59%
Gypsum	124	2.8	322	6.4	159.26%	131.71%
Sandstone	405	5.4	284	3.8	-29.84%	-29.51%
ilmenite ore	104	4.7	52	3.5	-49.82%	-24.46%
Nickel ore	1	1.1	3	3.2	1.90	2.00
Slate	23	0.3	119	2.0	425.62%	505.47%
Rock salt	91	2.0	106	1.7	16.58%	-14.48%
Silver ore	4	0.3	8	0.8	100.00%	184.92%
Phosphate						
- Ground	-	-	4	0.7	-	-
- Unground	0	0.0	2	0.0	99.35	2.34
Witherite	50	0.8	25	0.6	-50.00%	-15.82%
Chalk	28	0.4	19	0.4	-34.03%	12.37%
Epsomite	21	0.2	22	0.4	4.88%	70.72%
Xenotime	-	-	25	0.2	-	-
Attapulgit	0	0.0	2	0.1	1283.33%	636.26%
Anhydrite	-	-	-	-	-	-
Calcite	-	-	-	-	-	-
Cobalt ore	0	0.4	-	-	-	-
Ecaussine	-	-	-	-	-	-
Potash	-	-	-	-	-	-
Serpentine	55	0.7	-	-	-	-
Thorium ore	-	-	-	-	-	-
Tungsten (other)	-	-	-	-	-	-
<b>Total</b>		<b>35,062.21</b>		<b>53,102.0</b>		<b>51.45%</b>

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

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