

Mineral Import of Thailand 2022 - 2023 (Jan. - Jun.)

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

Quantity : Tonnes Value : Million Baht

Mineral	2022		2023		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Aluminium ore	12,417	199.0	9,522	137.3	-23.32%	-31.01%
Andalusite, Kyannite and Sillimanite	1,876	33.2	949	20.2	-49.41%	-39.15%
Anhydrite	-	-	54	0.8	-	-
Anthracite	56,148	697.6	27,776	231.8	-50.53%	-66.77%
Antimony ore	1,785	211.7	27	0.2	-98.49%	-99.91%
Apatite (ground)	4,041	17.1	1	0.8	-99.98%	-95.49%
Asbestos	18,649	322.0	19,724	459.4	5.76%	42.69%
Attapulgitite	2	0.1	3	0.1	63.86%	98.01%
Ball Clay	11,833	96.6	4,244	44.5	-64.13%	-53.93%
Barite	57,201	122.4	77,408	151.2	35.33%	23.55%
Basalt	4,346	29.2	8,432	23.8	94.04%	-18.71%
Bentonite	75,845	513.3	83,999	661.8	10.75%	28.92%
Bituminous coal	2,873,722	10,627.1	3,119,282	13,300.1	8.55%	25.15%
Calcite	-	-	-	-	-	-
Chalk	19	0.4	18	0.4	-1.46%	-18.78%
Chromite ore	1,054	17.5	635	9.4	-39.73%	-46.37%
Coal Solid Fuels from Coal	7,049,555	27,385.7	6,231,548	22,200.6	-11.60%	-18.93%
Cobalt ore	-	-	0	0.3	-	-
Coke	9,570	194.6	22,162	281.1	131.58%	44.45%
Columbite	136	109.7	141	87.2	3.67%	-20.55%
Copper	1,337	6.8	3,487	16.5	160.85%	142.45%
Dolomite	1,553	17.9	219	3.2	-85.92%	-81.84%
Ecaussine	-	-	-	-	-	-
Emery	3,392	42.2	5,698	59.0	68.00%	39.87%
Epsomite	22	0.4	21	0.3	-4.65%	-7.95%
Feldspar	-	-	-	-	-	-
- Potassium, Sodium Feldspar	9,903	45.5	13,970	50.8	41.08%	11.85%
- Other Feldspar	13,135	68.0	9,816	76.2	-25.26%	12.15%
Fireclay	440	6.6	649	13.5	47.51%	103.60%
Flint	388,736	67.6	319,699	58.9	-17.76%	-12.94%
Fluorite	3,456	33.7	2,518	21.0	-27.15%	-37.62%
Granite	16,546	110.1	14,785	80.1	-10.65%	-27.29%
Graphite	1,382	56.3	2,424	69.3	75.46%	23.11%
Gypsum	322	6.4	123	2.7	-61.88%	-57.77%
Ilmenite ore	52	3.5	52	3.8	-0.41%	8.48%
Iron ore	1,390	16.4	6,733	24.6	384.32%	49.68%
Iron Pyrites	3,436	22.0	3,456	21.2	0.60%	-3.98%
Kaolin	-	-	-	-	-	-
- Ceramic	24,280	239.3	11,727	160.2	-51.70%	-33.04%
- Paper	4,072	47.8	5,540	63.6	36.05%	33.12%
- Others	38,694	514.6	27,887	463.8	-27.93%	-9.87%
Kieserite	3,316	28.2	75	0.3	-97.74%	-98.95%
Lead ore	129	25.3	786	9.4	508.00%	-62.67%
Lignite	136,131	139.1	59,731	78.8	-56.12%	-43.32%
Limestone	1,049	11.3	823	15.8	-21.54%	39.59%
Lucite, Nepheline and Nepheline Syenite	326	6.5	458	12.3	40.53%	87.16%
Magnesite	1,629	24.7	2,305	27.3	41.55%	10.34%
Manganese ore	15,248	29.0	10	0.7	-99.94%	-97.73%
Marble	17,145	376.5	13,646	232.7	-20.41%	-38.20%
Mica	2,872	88.5	2,755	88.6	-4.08%	0.06%
Molybdenite ore	1,909	345.9	5,887	4,360.8	208.39%	1160.57%
Mullite	1,260	25.8	1,118	22.4	-11.28%	-13.00%
Nickel ore	3	3.2	35	0.4	1188.57%	-88.36%
Niobium and Vanadium ore	13,854	822.7	7,216	1,276.4	-47.91%	55.15%
Orpiment	780	7.0	352	2.8	-54.82%	-59.78%
Peat	15,795	145.5	13,674	129.4	-13.43%	-11.02%
Phosphate	-	-	-	-	-	-
- Ground	4	0.7	5	0.7	30.03%	13.77%
- Unground	2	0.0	0	0.0	-84.85%	-74.70%
Potash	-	-	-	-	-	-
Pumice stone	5,042	39.6	3,361	27.5	-33.34%	-30.54%
Pyrophyllite	3,280	22.0	20	0.2	-99.39%	-99.23%
Quartz	41,937	477.4	84,791	806.1	102.19%	68.85%
Rock salt	106	1.7	35	0.8	-67.27%	-49.87%
Sandstone	284	3.8	331	8.3	16.52%	117.13%
Serpentine	-	-	49	2.1	-	-
Silica sand	113,501	614.2	69,990	624.9	-38.33%	1.74%
Silver ore	8	0.8	6	0.7	-26.00%	-18.16%
Slate	119	2.0	107	0.9	-10.30%	-56.12%
Steatite	546	9.7	144	2.4	-73.62%	-75.76%
Sulphur	56,033	731.4	11,469	105.7	-79.53%	-85.54%
Talc	66,250	834.2	49,609	604.2	-25.12%	-27.57%
Tantalite	336	602.6	118	226.2	-65.00%	-62.46%
Thorium ore	-	-	-	-	-	-
Tin ore	6,514	5,293.6	5,288	2,470.0	-18.83%	-53.34%
Titanium ore	-	-	-	-	-	-
- Rutile	1,151	79.4	1,580	119.5	37.26%	50.42%
- Leucosene	500	32.9	814	57.5	62.80%	74.58%
- Ilmenite	-	0.0	-	-	-	-
- Other Titanium ore	2,042	115.2	1,471	103.3	-27.96%	-10.37%
Tungsten (other)	-	-	-	-	-	-
Vermiculite, Perlite and Chlorites	4,874	37.7	1,709	18.3	-64.94%	-51.31%
Witherite	25	0.6	25	0.5	0.00%	-22.13%
Xenotime	25	0.2	-	-	-	-
Zinc ore	7,755	45.2	8,189	41.7	5.59%	-7.63%
Zirconium ore	2,632	195.6	3,869	296.2	46.98%	51.41%
Total		53,102.0		50,575.3		-4.76%

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 2022 - 2023 (Jan. - Jun.) by Group

Quantity : Tonnes

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

Value : Million Baht

Mineral	2022		2023		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Mineral Fuels and Energy						
Anthracite	56,148	697.6	27,776	231.8	-50.53%	-66.77%
Bituminous coal	2,873,722	10,627.1	3,119,282	13,300.1	8.55%	25.15%
Coal Solid Fuels from Coal	7,049,555	27,385.7	6,231,548	22,200.6	-11.60%	-18.93%
Coke	9,570	194.6	22,162	281.1	131.58%	44.45%
Lignite	136,131	139.1	59,731	78.8	-56.12%	-43.32%
Peat	15,795	145.5	13,674	129.4	-13.43%	-11.02%
Total		39,189.4		36,221.8		-7.57%
%		73.80		71.62		-2.95%
Iron and Ferro Alloy						
Chromite ore	1,054	17.5	635	9.4	-39.73%	-46.37%
Cobalt ore	-	-	0	0.3	-	-
Columbite	136	109.7	141	87.2	3.67%	-20.55%
Iron ore	1,390	16.4	6,733	24.6	384.32%	49.68%
Iron Pyrites	3,436	22.0	3,456	21.2	0.60%	-3.98%
Manganese ore	15,248	29.0	10	0.7	-99.94%	-97.73%
Molybdenite ore	1,909	345.9	5,887	4,360.8	208.39%	1160.57%
Nickel ore	3	3.2	35	0.4	1188.57%	-88.36%
Tungsten (other)	-	-	-	-	-	-
Total		543.8		4,504.4		728.26%
%		1.02		8.91		769.64%
Base Metals						
Aluminium ore	12,417	199.0	9,522	137.3	-23.32%	-31.01%
Antimony ore	1,785	211.7	27	0.2	-98.49%	-99.91%
Copper	1,337	6.8	3,487	16.5	160.85%	142.45%
Lead ore	129	25.3	786	9.4	508.00%	-62.67%
Tin ore	6,514	5,293.6	5,288	2,470.0	-18.83%	-53.34%
Zinc ore	7,755	45.2	8,189	41.7	5.59%	-7.63%
Total		5,781.5		2,675.1		-53.73%
%		10.89		5.29		-51.42%
Precious Metals and Precious Stone						
Emerald	3,392	42.2	5,698	59.0	68.00%	39.87%
Silver ore	8	0.8	6	0.7	-26.00%	-18.16%
Total		43.0		59.7		38.76%
%		0.08		0.12		45.69%
Light Metals and Rare Earth						
Ilmenite ore	52	3.5	52	3.8	-0.41%	8.48%
Niobium and Vanadium ore	13,854	822.7	7,216	1,276.4	-47.91%	55.15%
Tantalite	336	602.6	118	226.2	-65.00%	-62.46%
Thorium ore	-	-	-	-	-	-
Titanium ore						
- Rutile	1,151	79.4	1,580	119.5	37.26%	50.42%
- Leucoxene	500	32.9	814	57.5	62.80%	74.58%
- Ilmenite	-	0.0	-	-	-	-
- Other Titanium ore	2,042	115.2	1,471	103.3	-27.96%	-10.37%
Zirconium ore	2,632	195.6	3,869	296.2	46.98%	51.41%
Total		1,852.0		2,082.9		12.46%
%		3.49		4.12		18.08%
Cement Industrial Minerals						
Anhydrite	-	-	54	0.8	-	-
Gypsum	322	6.4	123	2.7	-61.88%	-57.77%
Limestone	1,049	11.3	823	15.8	-21.54%	39.59%
Total		17.7		19.3		8.83%
%		0.03		0.04		14.27%

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	2022		2023		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Ceramic Industrial Minerals						
Andalusite, Kyannite and Sillimanite	1,876	33.2	949	20.2	-49.41%	-39.15%
Attapulgit	2	0.1	3	0.1	63.86%	98.01%
Ball Clay	11,833	96.6	4,244	44.5	-64.13%	-53.93%
Dolomite	1,553	17.9	219	3.2	-85.92%	-81.84%
Feldspar						
- Potassium, Sodium Feldspar	9,903	45	13,970	51	41.08%	11.85%
- Other Feldspar	13,135	68	9,816	76	-25.26%	12.15%
Kaolin						
- Ceramic	24,280	239.3	11,727	160.2	-51.70%	-33.04%
- Paper	4,072	47.8	5,540	63.6	36.05%	33.12%
- Others	38,694	514.6	27,887	463.8	-27.93%	-9.87%
Lucite, Nepheline and Nepheline Syenite	326	6.5	458	12.3	40.53%	87.16%
Mullite	1,260	25.8	1,118	22.4	-11.28%	-13.00%
Quartz	41,937	477.4	84,791	806.1	102.19%	68.85%
Silica sand	113,501	614.2	69,990	624.9	-38.33%	1.74%
Total		2,186.7		2,348.4		7.40%
%		4.12		4.64		12.76%
Dimension Stone						
Ecaussine	-	-	-	-	-	-
Granite	16,546	110.1	14,785	80.1	-10.65%	-27.29%
Marble	17,145	376.5	13,646	232.7	-20.41%	-38.20%
Sandstone	284	3.8	331	8.3	16.52%	117.13%
Serpentine	-	-	49	2	-	-
Slate	119	2.0	107	0.9	-10.30%	-56.12%
Total		492.4		323.9		-34.21%
%		0.93		0.64		-30.93%
Industrial Rock						
Basalt	4,346	29.2	8,432	23.8	94.04%	-18.71%
Flint	388,736	67.6	319,699	58.9	-17.76%	-12.94%
Pumice stone	5,042	39.6	3,361	27.5	-33.34%	-30.54%
Vermiculite, Perlite and Chlorites	4,874	37.7	1,709	18.3	-64.94%	-51.31%
Total		174.1		128.5		-26.21%
%		0.33		0.25		-22.52%
Other Industrial Minerals						
Apatite (ground)	4,041	17.1	1	0.8	-99.98%	-95.49%
Asbestos	18,649	322.0	19,724	459.4	5.76%	42.69%
Barite	57,201	122.4	77,408	151.2	35.33%	23.55%
Bentonite	75,845	513.3	83,999	661.8	10.75%	28.92%
Calcite	-	-	-	-	-	-
Chalk	19	0.4	18	0.4	-1.46%	-18.78%
Epsomite	22	0.4	21	0.3	-4.65%	-7.95%
Fireclay	440	6.6	649	13.5	47.51%	103.60%
Fluorite	3,456	33.7	2,518	21.0	-27.15%	-37.62%
Graphite	1,382	56.3	2,424	69.3	75.46%	23.11%
Kieserite	3,316	28.2	75	0.3	-97.74%	-98.95%
Magnesite	1,629	24.7	2,305	27.3	41.55%	10.34%
Mica	2,872	88.5	2,755	88.6	-4.08%	0.06%
Orpiment	780	7.0	352	2.8	-54.82%	-59.78%
Phosphate						
- Ground	4	0.7	5.2	0.7	30%	13.77%
- Unground	2	0.0	0	0.0	-85%	-74.70%
Potash	-	-	-	-	-	-
Pyrophyllite	3,280	22.0	20	0	-99%	-99.23%
Rock salt	106	1.7	35	1	-67%	-49.87%
Steatite	546	9.7	144	2.4	-73.62%	-75.76%
Sulphur	56,033	731.4	11,469	105.7	-79.53%	-85.54%
Talc	66,250	834.2	49,609	604.2	-25.12%	-27.57%
Witherite	25	0.6	25	0.5	0.00%	-22.13%
Xenotime	25	0.2	-	-	-	-
Total		2,821.3		2,211.2		-21.62%
%		5.31		4.37		-17.71%
Total		53,102.0		50,575.3		-4.76%

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Mineral	2022		2023		Percentage	
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Coal Solid Fuels from Coal	7,049,555	27,385.7	6,231,548	22,200.6	-11.60%	-18.93%
Bituminous coal	2,873,722	10,627.1	3,119,282	13,300.1	8.55%	25.15%
Molybdenite ore	1,909	345.9	5,887	4,360.8	208.39%	1160.57%
Tin ore	6,514	5,293.6	5,288	2,470.0	-18.83%	-53.34%
Niobium and Vanadium ore	13,854	822.7	7,216	1,276.4	-47.91%	55.15%
Quartz	41,937	477.4	84,791	806.1	102.19%	68.85%
Kaolin						
- Ceramic	24,280	239.3	11,727	160.2	-51.70%	-33.04%
- Paper	4,072	47.8	5,540	63.6	36.05%	33.12%
- Others	38,694	514.6	27,887	463.8	-27.93%	-9.87%
Bentonite	75,845	513.3	83,999	661.8	10.75%	28.92%
Silica sand	113,501	614.2	69,990	624.9	-38.33%	1.74%
Talc	66,250	834.2	49,609	604.2	-25.12%	-27.57%
Asbestos	18,649	322.0	19,724	459.4	5.76%	42.69%
Zirconium ore	2,632	195.6	3,869	296.2	46.98%	51.41%
Coke	9,570	194.6	22,162	281.1	131.58%	44.45%
Titanium ore						
- Rutile	1,151	79.4	1,580	119.5	37.26%	50.42%
- Leucocoxene	500	32.9	814	57.5	62.80%	74.58%
- Ilmenite	-	0.0	-	-	-	-
- Other Titanium ore	2,042	115.2	1,471	103.3	-27.96%	-10.37%
Marble	17,145	376.5	13,646	232.7	-20.41%	-38.20%
Anthracite	56,148	697.6	27,776	231.8	-50.53%	-66.77%
Tantalite	336	602.6	118	226.2	-65.00%	-62.46%
Barite	57,201	122.4	77,408	151.2	35.33%	23.55%
Aluminium ore	12,417	199.0	9,522	137.3	-23.32%	-31.01%
Peat	15,795	145.5	13,674	129.4	-13.43%	-11.02%
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Columbite	136	109.7	141	87.2	3.67%	-20.55%
Granite	16,546	110.1	14,785	80.1	-10.65%	-27.29%
Lignite	136,131	139.1	59,731	78.8	-56.12%	-43.32%
Graphite	1,382	56.3	2,424	69.3	75.46%	23.11%
Emery	3,392	42.2	5,698	59.0	68.00%	39.87%
Flint	388,736	67.6	319,699	58.9	-17.76%	-12.94%
Ball Clay	11,833	96.6	4,244	44.5	-64.13%	-53.93%
Zinc ore	7,755	45.2	8,189	41.7	5.59%	-7.63%
Pumice stone	5,042	39.6	3,361	27.5	-33.34%	-30.54%
Magnesite	1,629	24.7	2,305	27.3	41.55%	10.34%
Iron ore	1,390	16.4	6,733	24.6	384.32%	49.68%
Basalt	4,346	29.2	8,432	23.8	94.04%	-18.71%
Mullite	1,260	25.8	1,118	22.4	-11.28%	-13.00%
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Vermiculite, Perlite and Chlorites	4,874	37.7	1,709	18.3	-64.94%	-51.31%
Copper	1,337	6.8	3,487	16.5	160.85%	142.45%
Limestone	1,049	11.3	823	15.8	-21.54%	39.59%
Fireclay	440	6.6	649	13.5	47.51%	103.60%
Lucite, Nepheline and Nepheline Syenite	326	6.5	458	12.3	40.53%	87.16%
Lead ore	129	25.3	786	9.4	508.00%	-62.67%
Chromite ore	1,054	17.5	635	9.4	-39.73%	-46.37%
Sandstone	284	3.8	331	8.3	16.52%	117.13%
ilmenite ore	52	3.5	52	3.8	-0.41%	8.48%
Dolomite	1,553	17.9	219	3.2	-85.92%	-81.84%
Orpiment	780	7.0	352	2.8	-54.82%	-59.78%
Gypsum	322	6.4	123	2.7	-61.88%	-57.77%
Steatite	546	9.7	144	2.4	-73.62%	-75.76%
Serpentine	-	-	49	2.1	-	-
Slate	119	2.0	107	0.9	-10.30%	-56.12%
Rock salt	106	1.7	35	0.8	-26.00%	-18.16%
Anhydrite	-	-	54	0.8	-	-
Apatite (ground)	4,041	17.1	1	0.8	-99.98%	-95.49%
Phosphate						
- Ground	4	0.7	5	0.7	30.03%	13.77%
- Unground	2	0.0	0	0.0	-84.85%	-74.70%
Silver ore	8	0.8	6	0.7	-26.00%	-18.16%
Manganese ore	15,248	29.0	10	0.7	-99.94%	-97.73%
Witherite	25	0.6	25	0.5	0.00%	-22.13%
Nickel ore	3	3.2	35	0.4	1188.57%	-88.36%
Chalk	19	0.4	18	0.4	-1.46%	-18.78%
Epsomite	22	0.4	21	0.3	-4.65%	-7.95%
Kieserite	3,316	28.2	75	0.3	-97.74%	-98.95%
Cobalt ore	-	-	0	0.3	-	-
Antimony ore	1,785	211.7	27	0.2	-98.49%	-99.91%
Pyrophyllite	3,280	22.0	20	0.2	-99.39%	-99.23%
Attapulqite	2	0.1	3	0.1	63.86%	98.01%
Calcite	-	-	-	-	-	-
Ecaussine	-	-	-	-	-	-
Potash	-	-	-	-	-	-
Thorium ore	-	-	-	-	-	-
Tungsten (other)	-	-	-	-	-	-
Xenotime	25	0.2	-	-	-	-
Total		53,102.0		50,575.3		-4.76%

0* denoting the amount of less than 0.1 metric tonnes

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