

Mineral Import of Thailand 2023 - 2024

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

Quantity : Tonnes Value : Million Baht

Mineral	2023		2024		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Aluminium ore	18,188	260.0	23,416	341.9	28.74%	31.50%
Andalusite, Kyanite and Sillimanite	1,348	29.0	1,965	42.9	45.77%	48.03%
Anhydrite	119	1.8	96	1.6	-19.31%	-9.93%
Anthracite	129,666	873.0	64,789	356.5	-50.03%	-59.16%
Antimony ore	76	14.1	42,217	2,864.6	55382.82%	20233.43%
Apatite (ground)	2,657	12.1	2	2.0	-99.94%	-83.49%
Asbestos	37,051	867.0	28,003	553.6	-24.42%	-36.15%
Attapulqite	5	0.2	600	9.2	12344.39%	4447.90%
Ball Clay	9,217	94.0	9,287	83.0	0.76%	-11.66%
Barite	143,181	313.7	206,180	570.0	44.00%	81.70%
Basalt	17,143	40.1	6,612	43.7	-61.43%	8.85%
Bentonite	146,794	1,072.8	122,254	825.5	-16.72%	-23.06%
Bituminous coal	6,058,718	23,608.1	6,076,092	26,369.1	0.29%	11.70%
Calcite	0	0.0	-	-	-	-
Chalk	38	0.8	58	0.9	51.48%	18.79%
Chromite ore	1,162	17.4	820	13.3	-29.42%	-23.65%
Coal Solid Fuels from Coal	11,716,771	35,922.8	12,214,764	31,171.6	4.25%	-13.23%
Cobalt ore	0	0.3	0	0.0	-99.20%	-99.79%
Coke	36,802	442.7	21,111	278.6	-42.64%	-37.07%
Columbite	141	87.2	84	70.1	-40.64%	-19.58%
Copper	3,711	17.4	1,049	9.6	-71.73%	-44.76%
Dolomite	424	5.7	1,673	12.0	294.59%	111.56%
Ecaussine	-	-	-	-	-	-
Emery	9,675	109.6	8,464	90.2	-12.51%	-17.68%
Epsomite	42	0.6	42	0.6	0.06%	-2.92%
Feldspar	-	-	-	-	-	-
- Potassium Feldspar	23,759	89.4	20,502	79.8	-13.71%	-10.76%
- Other Feldspar	15,053	106.2	15,091	72.4	0.26%	-31.80%
Fireclay	1,421	28.6	1,311	34.5	-7.75%	20.90%
Flint	434,665	87.1	234,980	56.5	-45.94%	-35.14%
Fluorite	5,693	49.5	4,843	49.9	-14.94%	0.87%
Granite	31,545	165.3	30,886	167.9	-2.09%	1.57%
Graphite	3,234	122.5	4,662	121.5	44.18%	-0.86%
Gypsum	164	4.0	476	9.2	190.56%	130.34%
Ilmenite ore	74	5.5	0	0.0	-99.83%	-99.70%
Iron ore	8,260	39.5	4,492	46.9	-45.62%	18.83%
Iron Pyrites	4,221	28.2	3,519	25.1	-16.63%	-11.01%
Kaolin	-	-	-	-	-	-
- Ceramic	24,925	315.6	34,991	444.8	40.39%	40.93%
- Paper	10,331	116.0	11,816	157.3	14.38%	35.63%
- Others	47,961	696.4	42,116	457.6	-12.19%	-34.29%
Kieserite	2,755	12.8	3,879	21.1	40.80%	64.68%
Lead ore	3,733	22.9	12,334	70.3	230.44%	206.90%
Lignite	170,154	231.7	77,300	62.0	-54.57%	-73.25%
Limestone	1,210	21.1	2,423	22.5	100.27%	6.83%
Lucite, Nepheline and Nepheline Syenite	652	16.1	1,657	26.0	154.31%	61.59%
Magnesite	4,253	48.7	4,893	59.9	15.06%	23.11%
Manganese ore	20,789	47.8	12,659	31.3	-39.11%	-34.51%
Marble	29,383	487.3	28,463	473.0	-3.13%	-2.93%
Mica	5,166	166.2	4,288	152.7	-16.99%	-8.12%
Molybdenite ore	13,027	8,206.7	14,912	7,466.1	14.47%	-9.02%
Monazite	0	0.0	-	-	-	-
Mullite	2,232	44.0	2,162	44.1	-3.15%	0.21%
Nickel ore	37	2.2	54	3.3	44.56%	50.58%
Niobium and Vanadium ore	34,572	2,709.8	51,517	1,538.0	49.01%	-43.25%
Orpiment	1,156	8.8	597	5.0	-48.36%	-42.48%
Peat	25,002	234.2	32,440	297.3	29.75%	26.93%
Phosphate	-	-	-	-	-	-
- Ground	11	1.5	168	4.1	1395.60%	176.25%
- Unground	0	0.0	0	0.0	-3.93%	411.60%
Potash	-	-	-	-	-	-
Pumice stone	6,583	50.1	6,214	47.5	-5.61%	-5.06%
Pyrophyllite	7,619	33.5	80	0.7	-98.95%	-98.03%
Quartz	199,407	2,063.3	252,778	3,185.3	26.76%	54.38%
Rock salt	96	2.1	229	2.6	138.06%	23.09%
Sandstone	962	16.5	991	22.3	3.05%	34.65%
Serpentine	117	5.3	27	0.5	-76.81%	-90.34%
Silica sand	131,557	1,113.1	102,646	702.3	-21.98%	-36.90%
Silver ore	10	1.1	869	9.2	8656.54%	707.00%
Slate	211	1.7	189	5.3	-10.28%	215.21%
Steatite	276	4.8	774	14.3	180.25%	199.16%
Sulphur	39,432	279.7	69,015	381.7	75.02%	36.44%
Talc	105,566	1,317.4	114,196	1,457.9	8.17%	10.67%
Tantalite	118	226.2	15	25.6	-86.87%	-88.68%
Thorium ore	-	-	-	-	-	-
Tin ore	11,579	5,169.6	14,654	7,260.5	26.55%	40.44%
Titanium ore	-	-	-	-	-	-
- Rutile	2,732	202.8	2,239	147.0	-18.06%	-27.51%
- Leucoxene	2,014	143.6	830	51.3	-58.79%	-64.24%
- Ilmenite	-	-	-	-	-	-
- Other Titanium ore	3,702	258.2	1,055	61.1	-71.50%	-76.32%
Travertine	-	0.0	-	-	-	-
Tungsten (Wolfram)	-	-	3	0.4	-	-
Tungsten (other)	17	1.0	18	1.5	10.17%	46.49%
Uranium ores	-	-	-	-	-	-
Vermiculite, Perlite and Chlorites	3,435	32.9	3,277	25.5	-4.59%	-22.64%
Witherite	100	2.0	100	2.3	0.00%	15.26%
Zinc ore	11,301	56.2	2,874	29.2	-74.57%	-48.04%
Zirconium ore	6,438	491.0	10,126	450.2	57.29%	-8.29%
Total		89,378.0		89,595.0		0.24%

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 2023 - 2024 by Group

Quantity : Tonnes

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

Value : Million Baht

Mineral	2023		2024		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Mineral Fuels and Energy						
Anthracite	129,666	873.0	64,789	356.5	-50.03%	-59.16%
Bituminous coal	6,058,718	23,608.1	6,076,092	26,369.1	0.29%	11.70%
Coal Solid Fuels from Coal	11,716,771	35,922.8	12,214,764	31,171.6	4.25%	-13.23%
Coke	36,802	442.7	21,111	278.6	-42.64%	-37.07%
Lignite	170,154	231.7	77,300	62.0	-54.57%	-73.25%
Peat	25,002	234.2	32,440	297.3	29.75%	26.93%
Total		61,312.6		58,535.0		-4.53%
%		68.60		65.33		-4.76%
Iron and Ferro Alloy						
Chromite ore	1,162	17.4	820	13.3	-29.42%	-23.65%
Cobalt ore	0	0.3	0	0.0	-99.20%	-99.79%
Columbite	141	87.2	84	70.1	-40.64%	-19.58%
Iron ore	8,260	39.5	4,492	46.9	-45.62%	18.83%
Iron Pyrites	4,221	28.2	3,519	25.1	-16.63%	-11.01%
Manganese ore	20,789	47.8	12,659	31.3	-39.11%	-34.51%
Molybdenite ore	13,027	8,206.7	14,912	7,466.1	14.47%	-9.02%
Nickel ore	37	2.2	54	3.3	44.56%	50.58%
Tungsten (Wolfram)	0	0.0	3	0.4	-	-
Tungsten (other)	17	1.0	18	1.5	10.17%	46.49%
Total		8,430.1		7,657.9		-9.16%
%		9.43		8.55		-9.38%
Base Metals						
Aluminium ore	18,188	260.0	23,416	341.9	28.74%	31.50%
Antimony ore	76	14.1	42,217	2,864.6	55382.82%	20233.43%
Copper	3,711	17.4	1,049	9.6	-71.73%	-44.76%
Lead ore	3,733	22.9	12,334	70.3	230.44%	206.90%
Tin ore	11,579	5,169.6	14,654	7,260.5	26.55%	40.44%
Zinc ore	11,301	56.2	2,874	29.2	-74.57%	-48.04%
Total		5,540.2		10,576.1		90.90%
%		6.20		11.80		90.43%
Precious Metals and Precious Stone						
Emery	9,675	109.6	8,464	90.2	-12.51%	-17.68%
Silver ore	10	1.1	869	9.2	8656.54%	707.00%
Total		110.7		99.4		-10.26%
%		0.12		0.11		-10.48%
Light Metals and Rare Earth						
ilmenite ore	74	5.5	0	0.0	-99.83%	-99.70%
Monazite	0	0	-	-	-	-
Niobium and Vanadium ore	34,572	2,709.8	51,517	1,538.0	49.01%	-43.25%
Tantalite	118	226.2	15	25.6	-86.87%	-88.68%
Thorium ore	-	-	-	-	-	-
Titanium ore						
- Rutile	2,732	202.8	2,239	147.0	-18.06%	-27.51%
- Leucoxene	2,014	143.6	830	51.3	-58.79%	-64.24%
- Ilmenite	-	-	-	-	-	-
- Other Titanium ore	3,702	258.2	1,055	61.1	-71.50%	-76.32%
Uranium ores	-	-	-	-	-	-
Zirconium ore	6,438	491.0	10,126	450.2	57.29%	-8.29%
Total		4,037.0		2,273.3		-43.69%
%		4.52		2.54		-43.83%
Cement Industrial Minerals						
Anhydrite	119	1.8	96	1.6	-19.31%	-9.93%
Gypsum	164	4.0	476	9.2	190.56%	130.34%
Limestone	1,210	21.1	2,423	22.5	100.27%	6.83%
Total		26.9		33.3		24.02%
%		0.03		0.04		23.71%

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 2023 - 2024 by Group

Quantity : Tonnes

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

Value : Million Baht

Mineral	2023		2024		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Ceramic Industrial Minerals						
Andalusite, Kyannite and Sillimanite	1,348	29.0	1,965	42.9	45.77%	48.03%
Attapulgit	5	0.2	600	9.2	12344.39%	4447.90%
Ball Clay	9,217	94.0	9,287	83.0	0.76%	-11.66%
Dolomite	424	5.7	1,673	12.0	294.59%	111.56%
Feldspar						
- Potassium, Sodium Feldspar	23,759	89.4	20,502	79.8	-13.71%	-10.76%
- Other Feldspar	15,053	106.2	15,091	72.4	0.26%	-31.80%
Kaolin						
- Ceramic	24,925	315.6	34,991	444.8	40.39%	40.93%
- Paper	10,331	116.0	11,816	157.3	14.38%	35.63%
- Others	47,961	696.4	42,116	457.6	-12.19%	-34.29%
Lucite, Nepheline and Nepheline Syenite	652	16.1	1,657	26.0	154.31%	61.59%
Mullite	2,232	44.0	2,162	44.1	-3.15%	0.21%
Quartz	199,407	2,063.3	252,778	3,185.3	26.76%	54.38%
Silica sand	131,557	1,113.1	102,646	702.3	-21.98%	-36.90%
Total		4,689.0		5,316.9		13.39%
%		5.25		5.93		13.12%
Dimension Stone						
Ecaussine	-	-	-	-	-	-
Granite	31,545	165.3	30,886	167.9	-2.09%	1.57%
Marble	29,383	487.3	28,463	473.0	-3.13%	-2.93%
Sandstone	962	16.5	991	22.3	3.05%	34.65%
Serpentine	117	5.3	27	0.5	-76.81%	-90.34%
Slate	211	1.7	189	5.3	-10.28%	215.21%
Travertine	-	0	-	-	-	-
Total		676.1		669.0		-1.05%
%		0.76		0.75		-1.29%
Industrial Rock						
Basalt	17,143	40.1	6,612	43.7	-61.43%	8.85%
Flint	434,665	87.1	234,980	56.5	-45.94%	-35.14%
Pumice stone	6,583	50.1	6,214	47.5	-5.61%	-5.06%
Vermiculite, Perlite and Chlorites	3,435	32.9	3,277	25.5	-4.59%	-22.64%
Total		210.3		173.2		-17.62%
%		0.24		0.19		-17.82%
Other Industrial Minerals						
Apatite (ground)	2,657	12.1	2	2.0	-99.94%	-83.49%
Asbestos	37,051	867.0	28,003	553.6	-24.42%	-36.15%
Barite	143,181	313.7	206,180	570.0	44.00%	81.70%
Bentonite	146,794	1,072.8	122,254	825.5	-16.72%	-23.06%
Calcite	0	0.0	-	-	-	-
Chalk	38	0.8	58	0.9	51.48%	18.79%
Epsomite	42	0.6	42	0.6	0.06%	-2.92%
Fireclay	1,421	28.6	1,311	34.5	-7.75%	20.90%
Fluorite	5,693	49.5	4,843	49.9	-14.94%	0.87%
Kieserite	2,755	12.8	3,879	21.1	40.80%	64.68%
Graphite	3,234	122.5	4,662	121.5	44.18%	-0.86%
Magnesite	4,253	48.7	4,893	59.9	15.06%	23.11%
Mica	5,166	166.2	4,288	152.7	-16.99%	-8.12%
Orpiment	1,156	8.8	597	5.0	-48.36%	-42.48%
Phosphate						
- Ground	11	1.5	168	4.1	1395.60%	176.25%
- Unground	0	0.0	0	0.0	-3.93%	411.60%
Potash	-	-	-	-	-	-
Pyrophyllite	7,619	33.5	80	0.7	-98.95%	-98.03%
Rock salt	96	2.1	229	2.6	138.06%	23.09%
Steatite	276	4.8	774	14.3	180.25%	199.16%
Sulphur	39,432	279.7	69,015	381.7	75.02%	36.44%
Talc	105,566	1,317.4	114,196	1,457.9	8.17%	10.67%
Witherite	100	2.0	100	2.3	0.00%	15.26%
Total		4,345.1		4,260.9		-1.94%
%		4.86		4.76		-2.17%
Total		89,378.0		89,595.0		0.24%

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 2023 - 2024 by Value

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Mineral	2023		2024		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Coal Solid Fuels from Coal	11,716,771	35,922.8	12,214,764	31,171.6	4.25%	-13.23%
Bituminous coal	6,058,718	23,608.1	6,076,092	26,369.1	0.29%	11.70%
Molybdenite ore	13,027	8,206.7	14,912	7,466.1	14.47%	-9.02%
Tin ore	11,579	5,169.6	14,654	7,260.5	26.55%	40.44%
Quartz	199,407	2,063.3	252,778	3,185.3	26.76%	54.38%
Antimony ore	76	14.1	42,217	2,864.6	55382.82%	20233.43%
Niobium and Vanadium ore	34,572	2,709.8	51,517	1,538.0	49.01%	-43.25%
Talc	105,566	1,317.4	114,196	1,457.9	8.17%	10.67%
Kaolin						
- Ceramic	24,925	315.6	34,991	444.8	40.39%	40.93%
- Paper	10,331	116.0	11,816	157.3	14.38%	35.63%
- Others	47,961	696.4	42,116	457.6	-12.19%	-34.29%
Bentonite	146,794	1,072.8	122,254	825.5	-16.72%	-23.06%
Silica sand	131,557	1,113.1	102,646	702.3	-21.98%	-36.90%
Barite	143,181	313.7	206,180	570.0	44.00%	81.70%
Asbestos	37,051	867.0	28,003	553.6	-24.42%	-36.15%
Marble	29,383	487.3	28,463	473.0	-3.13%	-2.93%
Zirconium ore	6,438	491.0	10,126	450.2	57.29%	-8.29%
Sulphur	39,432	279.7	69,015	381.7	75.02%	36.44%
Anthracite	129,666	873.0	64,789	356.5	-50.03%	-59.16%
Aluminium ore	18,188	260.0	23,416	341.9	28.74%	31.50%
Peat	25,002	234.2	32,440	297.3	29.75%	26.93%
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- Ilmenite	-	-	-	-	-	-
- Other Titanium ore	3,702	258.2	1,055	61.1	-71.50%	-76.32%
Granite	31,545	165.3	30,886	167.9	-2.09%	1.57%
Mica	5,166	166.2	4,288	152.7	-16.99%	-8.12%
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Graphite	3,234	122.5	4,662	121.5	44.18%	-0.86%
Emery	9,675	109.6	8,464	90.2	-12.51%	-17.68%
Ball Clay	9,217	94.0	9,287	83.0	0.76%	-11.66%
Lead ore	3,733	22.9	12,334	70.3	230.44%	206.90%
Columbite	141	87.2	84	70.1	-40.64%	-19.58%
Lignite	170,154	231.7	77,300	62.0	-54.57%	-73.25%
Maqnesite	4,253	48.7	4,893	59.9	15.06%	23.11%
Flint	434,665	87.1	234,980	56.5	-45.94%	-35.14%
Fluorite	5,693	49.5	4,843	49.9	-14.94%	0.87%
Pumice stone	6,583	50.1	6,214	47.5	-5.61%	-5.06%
Iron ore	8,260	39.5	4,492	46.9	-45.62%	18.83%
Mullite	2,232	44.0	2,162	44.1	-3.15%	0.21%
Basalt	17,143	40.1	6,612	43.7	-61.43%	8.85%
Andalusite, Kyannite and Sillimanite	1,348	29.0	1,965	42.9	45.77%	48.03%
Fireclay	1,421	28.6	1,311	34.5	-7.75%	20.90%
Manganese ore	20,789	47.8	12,659	31.3	-39.11%	-34.51%
Zinc ore	11,301	56.2	2,874	29.2	-74.57%	-48.04%
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Tantalite	118	226.2	15	25.6	-86.87%	-88.68%
Vermiculite, Perlite and Chlorites	3,435	32.9	3,277	25.5	-4.59%	-22.64%
Iron Pyrites	4,221	28.2	3,519	25.1	-16.63%	-11.01%
Limestone	1,210	21.1	2,423	22.5	100.27%	6.83%
Sandstone	962	16.5	991	22.3	3.05%	34.65%
Kieserite	2,755	12.8	3,879	21.1	40.80%	64.68%
Steatite	276	4.8	774	14.3	180.25%	199.16%
Chromite ore	1,162	17.4	820	13.3	-29.42%	-23.65%
Dolomite	424	5.7	1,673	12.0	294.59%	111.56%
Copper	3,711	17.4	1,049	9.6	-71.73%	-44.76%
Attapulgitite	5	0.2	600	9.2	12344.39%	4447.90%
Gypsum	164	4.0	476	9.2	190.56%	130.34%
Silver ore	10	1.1	869	9.2	8656.54%	707.00%
Slate	211	1.7	189	5.3	-10.28%	215.21%
Orpiment	1,156	8.8	597	5.0	-48.36%	-42.48%
Phosphate						
- Ground	11	1.5	168	4.1	1395.60%	176.25%
- Unaround	0	0.0	0	0.0	-3.93%	411.60%
Nickel ore	37	2.2	54	3.3	44.56%	50.58%
Rock salt	96	2.1	229	2.6	1.38	0.23
Witherite	100	2.0	100	2.3	0.00%	15.26%
Apatite (ground)	2,657	12.1	2	2.0	-99.94%	-83.49%
Tungsten (Wolfram)	-	-	3	0.4	-	-
Tungsten (other)	17	1.0	18	1.5	10.17%	46.49%
Anhydrite	119	1.8	96	1.6	-19.31%	-9.93%
Chalk	38	0.8	58	0.9	51.48%	18.79%
Pyrophyllite	7,619	33.5	80	0.7	-98.95%	-98.03%
Epsomite	42	0.6	42	0.6	0.06%	-2.92%
Serpentine	117	5.3	27	0.5	-76.81%	-90.34%
ilmenite ore	74	5.5	0	0.0	-99.83%	-99.70%
Cobalt ore	0	0.3	0	0.0	-99.20%	-99.79%
Calcite	0	0.0	-	-	-	-
Monazite	0	0.0	-	-	-	-
Travertine	-	0.0	-	-	-	-
Ecaussine	-	-	-	-	-	-
Potash	-	-	-	-	-	-
Thorium ore	-	-	-	-	-	-
Uranium ores	-	-	-	-	-	-
Total		89,378.0		89,595.0		0.24%

0* denoting the amount of less than 0.1 metric tonnes

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