

## Mineral Import of Thailand 2022 - 2023 (Jan. - Sep.)

Source: Information and Communication Technology Center., DPIM, in cooperation with the Customs Department.

Quantity : Tonnes Value : Million Baht

Mineral	2022		2023		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Aluminium ore	19,551	315.5	12,330	178.4	-36.93%	-43.45%
Andalusite, Kyannite and Sillimanite	2,782	54.5	1,124	23.9	-59.59%	-56.24%
Anhydrite	-	-	99.00	1.462	-	-
Anthracite	70,978	897.4	98,747	611.9	39.12%	-31.82%
Antimony ore	1,813	212.3	27	0.2	-98.51%	-99.91%
Apatite (ground)	4,042	17.5	531	2.9	-86.85%	-83.21%
Asbestos	23,050	432.2	28,793	676.3	24.92%	56.48%
Attapulgitite	108	0.9	5	0.2	-95.54%	-76.24%
Ball Clay	14,518	130.5	7,052	69.0	-51.42%	-47.08%
Barite	81,503	172.0	102,796	215.3	26.12%	25.19%
Basalt	5,869	46.3	10,786	32.1	83.76%	-30.75%
Bentonite	110,476	786.4	114,286	857.5	3.45%	9.04%
Bituminous coal	4,440,728	16,720.1	4,618,051	18,272.3	3.99%	9.28%
Calcite	-	-	0	0.0	-	-
Chalk	25	0.5	26	0.6	7.15%	14.91%
Chromite ore	1,200	19.3	811	12.2	-32.38%	-36.91%
Coal Solid Fuels from Coal	11,463,742	48,751.6	9,198,267	29,481.0	-19.76%	-39.53%
Cobalt ore	-	-	0	0.3	-	-
Coke	15,775	337.7	30,404	371.1	92.74%	9.88%
Columbite	241	204.1	141	87.2	-41.49%	-57.29%
Copper	2,482	13.5	3,660	16.9	47.45%	25.57%
Dolomite	1,731	22.2	330	4.7	-80.92%	-78.93%
Ecaussine	-	-	-	-	-	-
Emery	5,790	69.8	7,527	85.7	29.98%	22.77%
Epsomite	355	2.4	42	0.6	-88.17%	-73.38%
Feldspar	-	-	-	-	-	-
- Potassium, Sodium Feldspar	15,167	69.3	19,860	73.5	30.94%	6.07%
- Other Feldspar	16,628	97.9	13,003	95.5	-21.80%	-2.48%
Fireclay	563	7.8	1,118	22.4	98.43%	186.31%
Flint	506,093	95.4	374,858	73.2	-25.93%	-23.34%
Fluorite	4,524	46.1	3,878	33.3	-14.28%	-27.83%
Granite	25,923	158.7	21,536	114.6	-16.92%	-27.78%
Graphite	2,574	94.2	2,875	97.8	11.71%	3.76%
Gypsum	394	7.9	129	3.0	-67.31%	-61.69%
ilmenite ore	52	3.5	52	3.8	-0.41%	8.58%
Iron ore	2,042	23.9	7,501	31.5	267.23%	31.87%
Iron Pyrites	5,065	34.1	4,146	26.3	-18.15%	-23.01%
Kaolin	-	-	-	-	-	-
- Ceramic	33,877	364.2	17,745	231.0	-47.62%	-36.59%
- Paper	7,410	94.8	7,848	84.7	5.91%	-10.58%
- Others	50,318	728.8	38,309	591.9	-23.87%	-18.78%
Kieserite	5,420	51.5	1,675	5.9	-69.10%	-88.59%
Lead ore	162	30.9	2,019	15.1	1146.76%	-51.23%
Lignite	169,367	180.5	114,387	163.7	-32.46%	-9.28%
Limestone	1,781	20.6	1,048	18.5	-41.15%	-10.16%
Lucite, Nepheline and Nepheline Syenite	563	13.7	474	12.6	-15.91%	-7.87%
Magnesite	2,349	33.8	3,410	39.3	45.21%	16.15%
Manganese ore	20,544	38.8	15	0.9	-99.93%	-97.80%
Marble	26,534	566.1	21,937	355.3	-17.32%	-37.24%
Mica	4,380	132.7	3,699	117.1	-15.54%	-11.72%
Molybdenite ore	3,535	1,227.0	8,632	5,798.6	144.20%	372.57%
Mullite	2,149	45.0	1,745	34.4	-18.78%	-23.54%
Nickel ore	69	4.3	37	2.2	-46.40%	-49.53%
Niobium and Vanadium ore	14,347	1,581.0	18,979	2,435.4	32.28%	54.04%
Orpiment	1,027	9.2	825	6.4	-19.66%	-30.14%
Peat	21,266	199.9	19,849	187.5	-6.67%	-6.21%
Phosphate	-	-	-	-	-	-
- Ground	6	0.9	9	1.2	64.30%	36.52%
- Unground	2	0.0	0	0.0	-84.85%	-74.70%
Potash	-	-	-	-	-	-
Pumice stone	7,442	57.8	5,035	38.7	-32.35%	-33.03%
Pyrophyllite	3,340	22.5	80	0.7	-97.60%	-97.09%
Quartz	75,806	791.3	138,880	1,347.7	83.20%	70.33%
Rock salt	107	1.7	71	1.4	-33.42%	-20.21%
Sandstone	571	8.4	579	10.8	1.50%	29.68%
Serpentine	27	0.2	77	4.1	187.66%	1681.31%
Silica sand	131,730	818.4	103,734	898.3	-21.25%	9.77%
Silver ore	8	0.8	8	0.9	-1.00%	9.09%
Slate	197	3.6	132	1.0	-33.13%	-73.66%
Steatite	702	12.7	164	2.7	-76.65%	-78.29%
Sulphur	70,099	961.0	17,462	150.1	-75.09%	-84.38%
Talc	102,711	1,293.1	79,003	974.3	-23.08%	-24.66%
Tantalite	609	1,289.1	118	226.2	-80.68%	-82.45%
Thorium ore	-	-	-	-	-	-
Tin ore	9,913	6,971.9	7,958	3,786.7	-19.72%	-45.69%
Titanium ore	-	-	-	-	-	-
- Rutile	1,712	129.1	2,018	151.1	17.91%	17.04%
- Leucosene	700	47.0	814	57.5	16.28%	22.25%
- Ilmenite	-	-	-	-	-	-
- Other Titanium ore	3,322	194.9	2,901	204.4	-12.67%	4.89%
Tungsten (other)	-	-	17	1.0	-	-
Vermiculite, Perlite and Chlorites	5,528	45.0	2,402	23.6	-56.55%	-47.46%
Witherite	75	2.0	75	1.5	0.00%	-23.71%
Xenotime	25	0.2	-	-	-	-
Zinc ore	10,364	57.3	10,105	53.7	-2.50%	-6.30%
Zirconium ore	4,028	319.9	5,640	429.7	40.03%	34.31%
<b>Total</b>		<b>88,197.6</b>		<b>70,044.7</b>		<b>-20.58%</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 2022 - 2023 (Jan. - Sep.) by Group

Quantity : Tonnes

Source: Information and Communication Technology Center., DPIM, in cooperation with the Customs Department.

Value : Million Baht

Mineral	2022		2023		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<b>Mineral Fuels and Energy</b>						
Anthracite	70,978	897.4	98,747	611.9	39.12%	-31.82%
Bituminous coal	4,440,728	16,720.1	4,618,051	18,272.3	3.99%	9.28%
Coal Solid Fuels from Coal	11,463,742	48,751.6	9,198,267	29,481.0	-19.76%	-39.53%
Coke	15,775	337.7	30,404	371.1	92.74%	9.88%
Lignite	169,367	180.5	114,387	163.7	-32.46%	-9.28%
Peat	21,266	199.9	19,849	187.5	-6.67%	-6.21%
Total		67,087.2		49,087.5		-26.83%
%		76.1		70.1		-7.87%
<b>Iron and Ferro Alloy</b>						
Chromite ore	1,200	19.3	811	12.2	-32.38%	-36.91%
Cobalt ore	-	-	0	0.3	-	-
Columbite	241	204.1	141	87.2	-41.49%	-57.29%
Iron ore	2,042	23.9	7,501	31.5	267.23%	31.87%
Iron Pyrites	5,065	34.1	4,146	26.3	-18.15%	-23.01%
Manganese ore	20,544	38.8	15	0.9	-99.93%	-97.80%
Molybdenite ore	3,535	1,227.0	8,632	5,798.6	144.20%	372.57%
Nickel ore	69	4.3	37	2.2	-46.40%	-49.53%
Tungsten (other)	-	-	17	1.0	-	-
Total		1,551.6		5,960.1		284.12%
%		1.8		8.5		383.67%
<b>Base Metals</b>						
Aluminium ore	19,551	315.5	12,330	178.4	-36.93%	-43.45%
Antimony ore	1,813	212.3	27	0.2	-98.51%	-99.91%
Copper	2,482	13.5	3,660	16.9	47.45%	25.57%
Lead ore	162	30.9	2,019	15.1	1146.76%	-51.23%
Tin ore	9,913	6,971.9	7,958	3,786.7	-19.72%	-45.69%
Zinc ore	10,364	57.3	10,105	53.7	-2.50%	-6.30%
Total		7,601.3		4,050.9		-46.71%
%		8.6		5.8		-32.90%
<b>Precious Metals and Precious Stone</b>						
Emery	5,790	69.8	7,527	85.7	29.98%	22.77%
Silver ore	8	0.8	8	0.9	-1.00%	9.09%
Total		70.7		86.6		22.61%
%		0.1		0.1		54.39%
<b>Light Metals and Rare Earth</b>						
ilmenite ore	52	3.5	52	3.8	-0.41%	8.58%
Niobium and Vanadium ore	14,347	1,581.0	18,979	2,435.4	32.28%	54.04%
Tantalite	609	1,289.1	118	226.2	-80.68%	-82.45%
Thorium ore	-	-	-	-	-	-
Titanium ore						
- Rutile	1,712	129.1	2,018	151.1	17.91%	17.04%
- Leucoxene	700	47.0	814	57.5	16.28%	22.25%
- Ilmenite	-	-	-	-	-	-
- Other Titanium ore	3,322	194.9	2,901	204.4	-12.67%	4.89%
Zirconium ore	4,028	319.9	5,640	429.7	40.03%	34.31%
Total		3,564.7		3,508.2		-1.58%
%		4.0		5.0		23.92%
<b>Cement Industrial Minerals</b>						
Anhydrite	-	-	99	1.5	-	-
Gypsum	394	7.9	129	3.0	-67.31%	-61.69%
Limestone	1,781	20.6	1,048	18.5	-41.15%	-10.16%
Total		28.6		23.0		-19.37%
%		0.0		0.0		1.53%

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. - Sep.) by Group

Quantity : Tonnes

Source: Information and Communication Technology Center., DPIM, in cooperation with the Customs Department.

Value : Million Baht

Mineral	2022		2023		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<b>Ceramic Industrial Minerals</b>						
Andalusite, Kyannite and Sillimanite	2,782	54.5	1,124	23.9	-59.59%	-56.24%
Attapulgite	108	0.9	5	0.2	-95.54%	-76.24%
Ball Clay	14,518	130.5	7,052	69.0	-51.42%	-47.08%
Dolomite	1,731	22.2	330	4.7	-80.92%	-78.93%
Feldspar						
- Potassium, Sodium Feldspar	15,167	69.3	19,860	73.5	30.94%	6.07%
- Other Feldspar	16,628	97.9	13,003	95.5	-21.80%	-2.48%
Kaolin						
- Ceramic	33,877	364.2	17,745	231.0	-47.62%	-36.59%
- Paper	7,410	94.8	7,848	84.7	5.91%	-10.58%
- Others	50,318	728.8	38,309	591.9	-23.87%	-18.78%
Lucite, Nepheline and Nepheline Syenite	563	13.7	474	12.6	-15.91%	-7.87%
Mullite	2,149	45.0	1,745	34.4	-18.78%	-23.54%
Quartz	75,806	791.3	138,880	1,347.7	83.20%	70.33%
Silica sand	131,730	818.4	103,734	898.3	-21.25%	9.77%
Total		3,231.4		3,467.5		7.31%
%		3.7		5.0		35.12%
<b>Dimension Stone</b>						
Ecaussine	-	-	-	-	-	-
Granite	25,923	158.7	21,536	114.6	-16.92%	-27.78%
Marble	26,534	566.1	21,937	355.3	-17.32%	-37.24%
Sandstone	571	8.4	579	10.8	1.50%	29.68%
Serpentine	27	0.2	77	4.1	187.66%	1681.31%
Slate	197	3.6	132	1.0	-33.13%	-73.66%
Total		737.1		485.8		-34.08%
%		0.8		0.7		-17.00%
<b>Industrial Rock</b>						
Basalt	5,869	46.3	10,786	32.1	83.76%	-30.75%
Flint	506,093	95.4	374,858	73.2	-25.93%	-23.34%
Pumice stone	7,442	57.8	5,035	38.7	-32.35%	-33.03%
Vermiculite, Perlite and Chlorites	5,528	45.0	2,402	23.6	-56.55%	-47.46%
Total		244.6		167.6		-31.47%
%		0.3		0.2		-13.71%
<b>Other Industrial Minerals</b>						
Apatite (ground)	4,042	17.5	531	2.9	-86.85%	-83.21%
Asbestos	23,050	432.2	28,793	676.3	24.92%	56.48%
Barite	81,503	172.0	102,796	215.3	26.12%	25.19%
Bentonite	110,476	786.4	114,286	857.5	3.45%	9.04%
Calcite	-	-	0	0.0	-	-
Chalk	25	0.5	26	0.6	7.15%	14.91%
Epsomite	355	2.4	42	0.6	-88.17%	-73.38%
Fireclay	563	7.8	1,118	22.4	98.43%	186.31%
Fluorite	4,524	46.1	3,878	33.3	-14.28%	-27.83%
Graphite	2,574	94.2	2,875	97.8	11.71%	3.76%
Kieserite	5,420	51.5	1,675	5.9	-69.10%	-88.59%
Magnesite	2,349	33.8	3,410	39.3	45.21%	16.15%
Mica	4,380	132.7	3,699	117.1	-15.54%	-11.72%
Orpiment	1,027	9.2	825	6.4	-19.66%	-30.14%
Phosphate						
- Ground	6	0.9	9	1.2	64.30%	36.52%
- Unground	2	0.0	0	0.0	-84.85%	-74.70%
Potash	-	-	-	-	-	-
Pyrophyllite	3,340	22.5	80	0.7	-97.60%	-97.09%
Rock salt	107	1.7	71	1.4	-33.42%	-20.21%
Steatite	702	12.7	164	2.7	-76.65%	-78.29%
Sulphur	70,099	961.0	17,462	150.1	-75.09%	-84.38%
Talc	102,711	1,293.1	79,003	974.3	-23.08%	-24.66%
Witherite	75	2.0	75	1.5	0.00%	-23.71%
Xenotime	25	0.2	-	-	-	-
Total		4,080.4		3,207.3		-21.40%
%		4.6		4.6		-1.03%
<b>Total</b>		<b>88,197.6</b>		<b>70,044.7</b>		<b>-20.58%</b>

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Bituminous coal	4,440,728	16,720.1	4,618,051	18,272.3	3.99%	9.28%
Molybdenite ore	3,535	1,227.0	8,632	5,798.6	144.20%	372.57%
Tin ore	9,913	6,971.9	7,958	3,786.7	-19.72%	-45.69%
Niobium and Vanadium ore	14,347	1,581.0	18,979	2,435.4	32.28%	54.04%
Quartz	75,806	791.3	138,880	1,347.7	83.20%	70.33%
Talc	102,711	1,293.1	79,003	974.3	-23.08%	-24.66%
Kaolin						
- Ceramic	33,877	364.2	17,745	231.0	-47.62%	-36.59%
- Paper	7,410	94.8	7,848	84.7	5.91%	-10.58%
- Others	50,318	728.8	38,309	591.9	-23.87%	-18.78%
Silica sand	131,730	818.4	103,734	898.3	-21.25%	9.77%
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- Other Titanium ore	3,322	194.9	2,901	204.4	-12.67%	4.89%
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Marble	26,534	566.1	21,937	355.3	-17.32%	-37.24%
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Mica	4,380	132.7	3,699	117.1	-15.54%	-11.72%
Granite	25,923	158.7	21,536	114.6	-16.92%	-27.78%
Graphite	2,574	94.2	2,875	97.8	11.71%	3.76%
Columbite	241	204.1	141	87.2	-41.49%	-57.29%
Emery	5,790	69.8	7,527	85.7	29.98%	22.77%
Flint	506,093	95.4	374,858	73.2	-25.93%	-23.34%
Ball Clay	14,518	130.5	7,052	69.0	-51.42%	-47.08%
Zinc ore	10,364	57.3	10,105.2	53.7	-2.50%	-6.30%
Magnesite	2,349	33.8	3,410	39.3	45.21%	16.15%
Pumice stone	7,442	57.8	5,035	38.7	-32.35%	-33.03%
Mullite	2,149	45.0	1,745	34.4	-18.78%	-23.54%
Fluorite	4,524	46.1	3,878	33.3	-14.28%	-27.83%
Basalt	5,869	46.3	10,786	32.1	83.76%	-30.75%
Iron ore	2,042	23.9	7,501	31.5	267.23%	31.87%
Iron Pyrites	5,065	34.1	4,146	26.3	-18.15%	-23.01%
Andalusite, Kyannite and Sillimanite	2,782	54.5	1,124	23.9	-59.59%	-56.24%
Vermiculite, Perlite and Chlorites	5,528	45.0	2,402	23.6	-56.55%	-47.46%
Fireclay	563	7.8	1,118	22.4	98.43%	186.31%
Limestone	1,781	20.6	1,048	18.5	-41.15%	-10.16%
Copper	2,482	13.5	3,660	16.9	47.45%	25.57%
Lead ore	162	30.9	2,019	15.1	1146.76%	-51.23%
Lucite, Nepheline and Nepheline Syenite	563	13.7	474	12.6	-15.91%	-7.87%
Chromite ore	1,200	19.3	811	12.2	-32.38%	-36.91%
Sandstone	571	8.4	579	10.8	1.50%	29.68%
Orpiment	1,027	9.2	825	6.4	-19.66%	-30.14%
Kieserite	5,420	51.5	1,675	5.9	-69.10%	-88.59%
Dolomite	1,731	22.2	330	4.7	-80.92%	-78.93%
Serpentine	27	0.2	77	4.1	187.66%	1681.31%
ilmenite ore	52	3.5	52	3.8	-0.41%	8.58%
Gypsum	394	7.9	129	3.0	-67.31%	-61.69%
Apatite (ground)	4,042	17.5	531	2.9	-86.85%	-83.21%
Steatite	702	12.7	164	2.7	-76.65%	-78.29%
Nickel ore	69	4.3	37	2.2	-46.40%	-49.53%
Witherite	75	2.0	75	1.5	0.00%	-23.71%
Anhydrite	-	-	99	1.5	-	-
Rock salt	107	1.7	71	1.4	-33.42%	-20.21%
Phosphate						
- Ground	6	0.9	9	1.2	64.30%	36.52%
- Unground	2	0.0	0	0.0	-84.85%	-74.70%
Tungsten (other)	-	-	17	1.0	-	-
Slate	197	3.6	132	1.0	-33.13%	-73.66%
Silver ore	8	0.8	8	0.9	-1.00%	9.09%
Manganese ore	20,544	38.8	15	0.9	-99.93%	-97.80%
Pyrophyllite	3,340	22.5	80	0.7	-97.60%	-97.09%
Epsomite	355	2.4	42	0.6	-88.17%	-73.38%
Chalk	25	0.5	26	0.6	7.15%	14.91%
Cobalt ore	-	-	0	0.3	-	-
Attapulgit	108	0.9	5	0.2	-95.54%	-76.24%
Antimony ore	1,813	212.3	27	0.2	-98.51%	-99.91%
Calcite	-	-	0	0.0	-	-
Ecaussine	-	-	-	-	-	-
Potash	-	-	-	-	-	-
Thorium ore	-	-	-	-	-	-
Xenotime	25	0.2	-	-	-	-
<b>Total</b>		<b>61,130.3</b>		<b>88,197.6</b>		<b>44.28%</b>

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

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