

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

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

Quantity : Tonnes Value : Million Baht

Mineral	2021		2022		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Aluminium ore	16,856	224.1	19,551	315.5	15.98%	40.76%
Andalusite, Kyannite and Sillimanite	2,831	35.0	2,782	54.5	-1.74%	55.80%
Anhydrite	-	-	-	-	-	-
Anthracite	100,509	424.9	70,978	897.4	-29.38%	111.19%
Antimony ore	4,749	518.0	1,813	212.3	-61.82%	-59.01%
Apatite (ground)	3,313	9.0	4,042	17.5	22.01%	95.72%
Asbestos	25,673	359.8	23,050	432.2	-10.22%	20.14%
Attapulgitite	28	0.5	108	0.9	290.97%	71.45%
Ball Clay	22,170	143.1	14,518	130.5	-34.52%	-8.82%
Barite	63,891	129.2	81,503	172.0	27.57%	33.08%
Basalt	8,878	53.8	5,869	46.3	-33.89%	-13.92%
Bentonite	120,021	729.2	110,476	786.4	-7.95%	7.84%
Bituminous coal	7,157,428	18,092.5	4,440,728	16,720.1	-37.96%	-7.59%
Calcite	-	-	-	-	-	-
Chalk	38	0.6	25	0.5	-35.81%	-6.34%
Chromite ore	1,035	11.1	1,200	19.3	15.92%	74.60%
Coal Solid Fuels from Coal	11,559,133	22,973.2	11,463,742	48,751.6	-0.83%	112.21%
Cobalt ore	0	0.4	-	-	-	-
Coke	10,562	185.8	15,775	337.7	49.36%	81.79%
Columbite	-	-	241	204.1	-	-
Copper	7,463	30.0	2,482	13.5	-66.74%	-55.12%
Dolomite	405	4.9	1,731	22.2	327.17%	353.97%
Ecaussine	-	-	-	-	-	-
Emery	5,770	70.9	5,790	69.8	0.34%	-1.49%
Epsomite	63	0.6	355	2.4	463.51%	263.46%
Feldspar	-	-	-	-	-	-
- Potassium, Sodium Feldspar	27,131	101.8	15,167	69.3	-44.10%	-31.92%
- Other Feldspar	13,199	52.8	16,628	97.9	25.98%	85.56%
Fireclay	950	11.7	563	7.8	-40.71%	-33.00%
Flint	325,136	68.8	506,093	95.4	55.66%	38.68%
Fluorite	8,435	50.5	4,524	46.1	-46.36%	-8.75%
Granite	37,506	176.8	25,923	158.7	-30.88%	-10.23%
Graphite	5,773	122.5	2,574	94.2	-55.42%	-23.12%
Gypsum	177	3.8	394	7.9	123.02%	111.01%
Ilmenite ore	104	4.7	52	3.5	-49.82%	-24.49%
Iron ore	1,413	8.7	2,042	23.9	44.53%	174.66%
Iron Pyrites	2,379	14.2	5,065	34.1	112.93%	139.82%
Kaolin	-	-	-	-	-	-
- Ceramic	30,947	227.8	33,877	364.2	9.47%	59.87%
- Paper	6,920	72.3	7,410	94.8	7.09%	31.00%
- Others	53,465	525.7	50,318	728.8	-5.89%	38.64%
Kieserite	9,571	51.4	5,420	51.5	-43.37%	0.18%
Lead ore	136	80.9	162	30.9	18.77%	-61.81%
Lignite	210,637	202.7	169,367	180.5	-19.59%	-10.98%
Limestone	2,080	28.1	1,781	20.6	-14.36%	-26.52%
Lucite, Nepheline and Nepheline Syenite	641	19.1	563	13.7	-12.18%	-28.08%
Magnesite	3,337	47.8	2,349	33.8	-29.63%	-29.31%
Manganese ore	14,079	25.2	20,544	38.8	45.92%	53.85%
Marble	15,541	253.8	26,534	566.1	70.74%	123.03%
Mica	5,625	143.9	4,380	132.7	-22.13%	-7.82%
Molybdenite ore	5,346	1,301.9	3,535	1,227.0	-33.88%	-5.75%
Mullite	2,252	36.5	2,149	45.0	-4.59%	23.42%
Nickel ore	3	2.5	69	4.3	2176.40%	72.30%
Niobium and Vanadium ore	51,221	1,480.5	14,347	1,581.0	-71.99%	6.79%
Orpiment	1,056	8.6	1,027	9.2	-2.73%	6.93%
Peat	21,164	195.4	21,266	199.9	0.48%	2.32%
Phosphate	-	-	-	-	-	-
- Ground	-	-	6	0.9	-	-
- Unground	0	0.0	2	0.0	8262.50%	201.09%
Potash	-	-	-	-	-	-
Pumice stone	8,870	64.1	7,442	57.8	-16.09%	-9.82%
Pyrophyllite	160	1.1	3,340	22.5	1987.49%	1980.74%
Quartz	49,211	374.7	75,806	791.3	54.04%	111.16%
Rock salt	263	3.5	107	1.7	-59.22%	-49.79%
Sandstone	564	7.1	571	8.4	1.24%	16.83%
Serpentine	55	0.7	27	0.2	-51.64%	-67.53%
Silica sand	64,992	416.2	131,730	818.4	102.69%	96.64%
Silver ore	8	0.6	8	0.8	0.00%	33.62%
Slate	48	0.8	197	3.6	308.66%	375.64%
Steatite	919	13.2	702	12.7	-23.58%	-3.80%
Sulphur	94,541	612.1	70,099	961.0	-25.85%	57.00%
Talc	117,782	1,334.1	102,711	1,293.1	-12.80%	-3.07%
Tantalite	673	957.5	609	1,289.1	-9.55%	34.64%
Thorium ore	-	-	-	-	-	-
Tin ore	14,583	7,368.5	9,913	6,971.9	-32.03%	-5.38%
Titanium ore	-	-	-	-	-	-
- Rutile	1,094	52.6	1,712	129.1	56.43%	145.30%
- Leucosene	420	17.4	700	47.0	66.67%	170.74%
- Ilmenite	332	11.2	-	-	-	-
- Other Titanium ore	388	18.3	3,322	194.9	757.27%	966.26%
Tungsten (other)	-	-	-	-	-	-
Vermiculite, Perlite and Chlorites	3,239	34.2	5,528	45.0	70.65%	31.58%
Witherite	50	0.8	75	2.0	50.00%	156.17%
Xenotime	-	-	25	0.2	-	-
Zinc ore	5,468	14.6	10,364	57.3	89.54%	292.57%
Zirconium ore	18,099	510.2	4,028	319.9	-77.75%	-37.29%
<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

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

Quantity : Tonnes

Source: Information and Communication Technology Center., DPIM, 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	100,509	424.9	70,978	897.4	-29.38%	111.19%
Bituminous coal	7,157,428	18,092.5	4,440,728	16,720.1	-37.96%	-7.59%
Coal Solid Fuels from Coal	11,559,133	22,973.2	11,463,742	48,751.6	-0.83%	112.21%
Coke	10,562	185.8	15,775	337.7	49.36%	81.79%
Lignite	210,637	202.7	169,367	180.5	-19.59%	-10.98%
Peat	21,164	195.4	21,266	199.9	0.48%	2.32%
Total		42,074.5		67,087.2		59.45%
%		68.8		76.1		10.51%
<b>Iron and Ferro Alloy</b>						
Chromite ore	1,035	11.1	1,200	19.3	15.92%	74.60%
Cobalt ore	0	0.4	-	-	-	-
Columbite	-	-	241	204.1	-	-
Iron ore	1,413	8.7	2,042	23.9	44.53%	174.66%
Iron Pyrites	2,379	14.2	5,065	34.1	112.93%	139.82%
Manganese ore	14,079	25.2	20,544	38.8	45.92%	53.85%
Molybdenite ore	5,346	1,301.9	3,535	1,227.0	-33.88%	-5.75%
Nickel ore	3	2.5	69	4.3	2176.40%	72.30%
Tungsten (other)	-	-	-	-	-	-
Total		1,364.0		1,551.6		13.75%
%		2.2		1.8		-21.16%
<b>Base Metals</b>						
Aluminium ore	16,856	224.1	19,551	315.5	15.98%	40.76%
Antimony ore	4,749	518.0	1,813	212.3	-61.82%	-59.01%
Copper	7,463	30.0	2,482	13.5	-66.74%	-55.12%
Lead ore	136	80.9	162	30.9	18.77%	-61.81%
Tin ore	14,583	7,368.5	9,913	6,971.9	-32.03%	-5.38%
Zinc ore	5,468	14.6	10,364	57.3	89.54%	292.57%
Total		8,236.0		7,601.3		-7.71%
%		13.5		8.6		-36.03%
<b>Precious Metals and Precious Stone</b>						
Emery	5,770	70.9	5,790	69.8	0.34%	-1.49%
Silver ore	8	0.6	8	0.8	0.00%	33.62%
Total		71.5		70.7		-1.18%
%		0.1		0.1		-31.51%
<b>Light Metals and Rare Earth</b>						
ilmenite ore	104	4.7	52	3.5	-49.82%	-24.49%
Niobium and Vanadium ore	51,221	1,480.5	14,347	1,581.0	-71.99%	6.79%
Tantalite	673	957.5	609	1,289.1	-9.55%	34.64%
Thorium ore	-	-	-	-	-	-
Titanium ore						
- Rutile	1,094	52.6	1,712	129.1	56.43%	145.30%
- Leucoxene	420	17.4	700	47.0	66.67%	170.74%
- Ilmenite	332	11.2	-	-	-	-
- Other Titanium ore	388	18.3	3,322	194.9	757.27%	966.26%
Zirconium ore	18,099	510.2	4,028	319.9	-77.75%	-37.29%
Total		3,052.4		3,564.7		16.78%
%		5.0		4.0		-19.06%
<b>Cement Industrial Minerals</b>						
Anhydrite	-	-	-	-	-	-
Gypsum	177	3.8	394	7.9	123.02%	111.01%
Limestone	2,080	28.1	1,781	20.6	-14.36%	-26.52%
Total		31.8		28.6		-10.25%
%		0.1		0.0		-37.79%

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

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Value : Million Baht

Mineral	2021		2022		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<b>Ceramic Industrial Minerals</b>						
Andalusite, Kyannite and Sillimanite	2,831	35.0	2,782	54.5	-1.74%	55.80%
Attapulgite	28	0.5	108	0.9	290.97%	71.45%
Ball Clay	22,170	143.1	14,518	130.5	-34.52%	-8.82%
Dolomite	405	4.9	1,731	22.2	327.17%	353.97%
Feldspar						
- Potassium, Sodium Feldspar	27,131	101.8	15,167	69.3	-44.10%	-31.92%
- Other Feldspar	13,199	52.8	16,628	97.9	25.98%	85.56%
Kaolin						
- Ceramic	30,947	227.8	33,877	364.2	9.47%	59.87%
- Paper	6,920	72.3	7,410	94.8	7.09%	31.00%
- Others	53,465	525.7	50,318	728.8	-5.89%	38.64%
Lucite, Nepheline and Nepheline Syenite	641	19.1	563	13.7	-12.18%	-28.08%
Mullite	2,252	36.5	2,149	45.0	-4.59%	23.42%
Quartz	49,211	374.7	75,806	791.3	54.04%	111.16%
Silica sand	64,992	416.2	131,730	818.4	102.69%	96.64%
Total		2,010.3		3,231.4		60.74%
%		3.3		3.7		11.41%
<b>Dimension Stone</b>						
Ecaussine	-	-	-	-	-	-
Granite	37,506	176.8	25,923	158.7	-30.88%	-10.23%
Marble	15,541	253.8	26,534	566.1	70.74%	123.03%
Sandstone	564	7.1	571	8.4	1.24%	16.83%
Serpentine	55	0.7	27	0.2	-51.64%	-67.53%
Slate	48	0.8	197	3.6	308.66%	375.64%
Total		439.3		737.1		67.79%
%		0.7		0.8		16.29%
<b>Industrial Rock</b>						
Basalt	8,878	53.8	5,869	46.3	-33.89%	-13.92%
Flint	325,136	68.8	506,093	95.4	55.66%	38.68%
Pumice stone	8,870	64.1	7,442	57.8	-16.09%	-9.82%
Vermiculite, Perlite and Chlorites	3,239	34.2	5,528	45.0	70.65%	31.58%
Total		221.0		244.6		10.69%
%		0.4		0.3		-23.28%
<b>Other Industrial Minerals</b>						
Apatite (ground)	3,313	9.0	4,042	17.5	22.01%	95.72%
Asbestos	25,673	359.8	23,050	432.2	-10.22%	20.14%
Barite	63,891	129.2	81,503	172.0	27.57%	33.08%
Bentonite	120,021	729.2	110,476	786.4	-7.95%	7.84%
Calcite	-	-	-	-	-	-
Chalk	38	0.6	25	0.5	-35.81%	-6.34%
Epsomite	63	0.6	355	2.4	463.51%	263.46%
Fireclay	950	11.7	563	7.8	-40.71%	-33.00%
Fluorite	8,435	50.5	4,524	46.1	-46.36%	-8.75%
Graphite	5,773	122.5	2,574	94.2	-55.42%	-23.12%
Kieserite	9,571	51.4	5,420	51.5	-43.37%	0.18%
Magnesite	3,337	47.8	2,349	33.8	-29.63%	-29.31%
Mica	5,625	143.9	4,380	132.7	-22.13%	-7.82%
Orpiment	1,056	8.6	1,027	9.2	-2.73%	6.93%
Phosphate						
- Ground	-	-	6	0.9	-	-
- Unground	0	0.0	2	0.0	8262.50%	201.09%
Potash	-	-	-	-	-	-
Pyrophyllite	160	1.1	3,340	22.5	1987.49%	1980.74%
Rock salt	263	3.5	107	1.7	-59.22%	-49.79%
Steatite	919	13.2	702	12.7	-23.58%	-3.80%
Sulphur	94,541	612.1	70,099	961.0	-25.85%	57.00%
Talc	117,782	1,334.1	102,711	1,293.1	-12.80%	-3.07%
Witherite	50	0.8	75	2.0	50.00%	156.17%
Xenotime	-	-	25	0.2	-	-
Total		3,629.5		4,080.4		12.42%
%		5.9		4.6		-22.08%
<b>Total</b>		<b>61,130.3</b>		<b>88,197.6</b>		<b>44.28%</b>

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Tin ore	14,583	7,368.5	9,913	6,971.9	-32.03%	-5.38%
Niobium and Vanadium ore	51,221	1,480.5	14,347	1,581.0	-71.99%	6.79%
Talc	117,782	1,334.1	102,711	1,293.1	-12.80%	-3.07%
Tantalite	673	957.5	609	1,289.1	-9.55%	34.64%
Molybdenite ore	5,346	1,301.9	3,535	1,227.0	-33.88%	-5.75%
Kaolin						
- Ceramic	30,947	227.8	33,877	364.2	9.47%	59.87%
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Iron ore	1,413	8.7	2,042.5	23.9	44.53%	174.66%
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Dolomite	405	4.9	1,731	22.2	327.17%	353.97%
Limestone	2,080	28.1	1,781	20.6	-14.36%	-26.52%
Chromite ore	1,035	11.1	1,200	19.3	15.92%	74.60%
Apatite (ground)	3,313	9.0	4,042	17.5	22.01%	95.72%
Lucite, Nepheline and Nepheline Syenite	641	19.1	563	13.7	-12.18%	-28.08%
Copper	7,463	30.0	2,482	13.5	-66.74%	-55.12%
Steatite	919	13.2	702	12.7	-23.58%	-3.80%
Orpiment	1,056	8.6	1,027	9.2	-2.73%	6.93%
Sandstone	564	7.1	571	8.4	1.24%	16.83%
Gypsum	177	3.8	394	7.9	123.02%	111.01%
Fireclay	950	11.7	563	7.8	-40.71%	-33.00%
Nickel ore	3	2.5	69	4.3	2176.40%	72.30%
Slate	48	0.8	197	3.6	308.66%	375.64%
ilmenite ore	104	4.7	52	3.5	-49.82%	-24.49%
Epsomite	63	0.6	355	2.4	463.51%	263.46%
Witherite	50	0.8	75	2.0	50.00%	156.17%
Rock salt	263	3.5	107	1.7	-59.22%	-49.79%
Phosphate						
- Ground	-	-	6	0.9	-	-
- Unground	0	0.0	2	0.0	8262.50%	201.09%
Attapulgitite	28	0.5	108	0.9	290.97%	71.45%
Silver ore	8	0.6	8	0.8	0.00%	33.62%
Chalk	38	0.6	25	0.5	-35.81%	-6.34%
Serpentine	55	0.7	27	0.2	-51.64%	-67.53%
Xenotime	-	-	25	0.2	-	-
Anhydrite	-	-	-	-	-	-
Calcite	-	-	-	-	-	-
Cobalt ore	0	0.4	-	-	-	-
Ecaussine	-	-	-	-	-	-
Potash	-	-	-	-	-	-
Thorium ore	-	-	-	-	-	-
Tungsten (other)	-	-	-	-	-	-
<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