

## Mineral Import of Thailand 2020 - 2021 (Jan. - Mar.)

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

Quantity : Tonnes      Value : Million Baht

Mineral	2020		2021		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Aluminium ore	2,958	32.9	5,152	66.9	74.17%	103.48%
Andalusite, Kyannite and Sillimanite	1,091	11.9	989	13.2	-9.31%	10.71%
Anhydrite	-	-	-	-	-	-
Anthracite	66,946	268.3	23,275	91.7	-65.23%	-65.84%
Antimony ore	728	18.3	3,109	290.8	326.92%	1492.35%
Apatite (ground)	998	3.0	3,204	8.1	220.96%	167.21%
Asbestos	5,738	80.6	2,364	29.2	-58.81%	-63.76%
Attapulgite	-	-	-	-	-	-
Ball Clay	7,324	41.7	5,523	32.3	-24.59%	-22.59%
Barite	47,343	62.7	27,193	43.6	-42.56%	-30.54%
Basalt	2,965	28.6	2,040	16.9	-31.18%	-41.01%
Bentonite	34,809	180.1	33,444	187.7	-3.92%	4.18%
Bituminous coal	2,508,314	6,162.4	2,117,900	4,701.6	-15.56%	-23.70%
Calcite	47	0.0	-	-	-	-
Chalk	9	0.1	16	0.2	77.69%	64.68%
Chromite ore	334	3.5	397	3.9	18.95%	12.52%
Coal Solid Fuels from Coal	4,346,770	6,308.0	3,934,633	6,458.7	-9.48%	2.39%
Cobalt ore	0	0.0	0	0.0	-28.57%	-24.93%
Coke	3,108	49.2	3,463	58.8	11.42%	19.63%
Columbite	92	30.8	-	-	-	-
Copper	41	0.3	1,861	6.9	4412.26%	2016.25%
Dolomite	341	5.0	90	0.7	-73.60%	-85.51%
Ecaussine	-	-	-	-	-	-
Emery	1,567	14.7	1,482	16.7	-5.39%	13.63%
Epsomite	19	0.2	-	-	-	-
Feldspar	-	-	-	-	-	-
- Potassium, Sodium Feldspar	4,352	18.6	9,579	32.3	120.10%	73.60%
- Other Feldspar	4,206	19.6	4,197	15.0	-0.22%	-23.32%
Fireclay	159	2.4	415	4.6	160.30%	92.30%
Flint	158,435	26.3	76,196	17.7	-51.91%	-32.85%
Fluorite	2,171	10.9	2,735	13.0	26.00%	19.30%
Granite	14,367	63.4	9,212	39.9	-35.88%	-37.07%
Graphite	2,730	31.2	1,412	39.0	-48.29%	24.77%
Gypsum	76	1.8	27	0.9	-64.28%	-52.77%
ilmenite ore	20	0.8	26	1.1	30.10%	34.10%
Iron ore	50	0.5	2	0.2	-97.01%	-59.85%
Iron Pyrites	583	2.9	647	4.1	10.88%	44.24%
Kaolin	-	-	-	-	-	-
- Ceramic	7,657	50.1	7,039	45.8	-8.07%	-8.73%
- Paper	2,208	19.0	2,529	25.6	14.54%	34.63%
- Others	13,599	128.3	23,000	196.8	69.13%	53.36%
Kieserite	439	2.1	57	0.5	-87.08%	-79.03%
Lead ore	21	9.4	55	21.1	158.26%	123.82%
Lignite	106,395	94.9	43,358	36.6	-59.25%	-61.40%
Limestone	383	4.5	483	6.8	25.99%	50.41%
Lucite, Nepheline and Nepheline Syenite	172	4.2	127	3.9	-26.23%	-6.46%
Magnesite	475	6.0	745	12.1	56.73%	102.44%
Manganese ore	18,525	28.7	7,989	13.7	-56.88%	-52.41%
Marble	7,682	110.8	5,838	79.5	-24.00%	-28.30%
Mica	1,407	36.2	1,917	46.8	36.26%	29.09%
Molybdenite ore	2,244	229.3	2,003	466.3	-10.74%	103.39%
Mullite	495	7.5	657	9.8	32.52%	29.60%
Nickel ore	3	1.3	0	0.4	-87.32%	-69.30%
Niobium and Vanadium ore	10,001	139.3	15,620	296.7	56.19%	113.08%
Orpiment	165	1.2	320	2.6	93.90%	122.18%
Peat	3,641	24.3	4,990	36.9	37.04%	52.26%
Phosphate	-	-	-	-	-	-
- Ground	-	-	-	-	-	-
- Unground	-	-	0	0.0	-	-
Potash	-	-	-	-	-	-
Pumice stone	1,616	13.2	2,845	20.2	76.02%	53.15%
Pyrophyllite	20	0.1	40	0.3	100.00%	96.37%
Quartz	4,991	37.5	9,747	60.3	95.29%	60.58%
Rock salt	237	1.3	9	0.7	-96.18%	-47.47%
Sandstone	1,530	0.5	78	1.8	-94.92%	226.71%
Serpentine	-	-	55	0.7	-	-
Silica sand	15,143	75.8	11,445	79.5	-24.42%	4.76%
Silver ore	4	0.3	-	-	-	-
Slate	22	0.2	23	0.2	2.32%	13.69%
Steatite	198	2.9	326	4.6	64.61%	57.68%
Sulphur	34,928	102.1	37,354	164.4	6.95%	61.09%
Talc	39,270	382.4	38,010	416.7	-3.21%	8.96%
Tantalite	62	81.0	318	341.4	415.97%	321.56%
Thorium ore	-	-	-	-	-	-
Tin ore	3,355	970.8	3,359	1,274.1	0.11%	31.25%
Titanium ore	-	-	-	-	-	-
- Rutile	911	39.7	396	16.9	-56.51%	-57.33%
- Leucoxene	200	8.0	100	3.8	-50.00%	-52.82%
- Ilmenite	400	4.4	40	0.5	-90.00%	-88.66%
- Other Titanium ore	-	-	104	4.6	-	-
Tungsten (other)	-	-	-	-	-	-
Vermiculite, Perlite and Chlorites	779	9.1	1,055	10.4	35.37%	13.97%
Witherite	50	0.7	50	0.8	0.00%	5.54%
Zinc ore	-	-	3,062	6.9	-	-
Zirconium ore	2,416	105.0	1,453	65.7	-39.85%	-37.41%
<b>Total</b>		<b>16,213.2</b>		<b>15,971.7</b>		<b>-1.49%</b>

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	2019		2020		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<b>Mineral Fuels and Energy</b>						
Anthracite	66,946	268.3	23,275	91.7	-65.23%	-65.84%
Bituminous coal	2,508,314	6,162.4	2,117,900	4,701.6	-15.56%	-23.70%
Coal Solid Fuels from Coal	4,346,770	6,308.0	3,934,633	6,458.7	-9.48%	2.39%
Coke	3,108	49.2	3,463	58.8	11.42%	19.63%
Lignite	106,395	94.9	43,358	36.6	-59.25%	-61.40%
Peat	3,641	24.3	4,990	36.9	37.04%	52.26%
Total		12,907.0		11,384.4		-11.80%
%		79.61		71.28		-10.46%
<b>Iron and Ferro Alloy</b>						
Chromite ore	334	3.5	397	3.9	18.95%	12.52%
Cobalt ore	0.0	0.0	0	0.0	-28.57%	-24.93%
Columbite	92	30.8	-	-	-	-
Iron ore	50	1	2	0	-97.01%	-59.85%
Iron Pyrites	583	2.9	647	4.1	10.88%	44.24%
Manganese ore	18,525	28.7	7,989	13.7	-56.88%	-52.41%
Molybdenite ore	2,244	229.3	2,003	466.3	-10.74%	103.39%
Nickel ore	3.08	1.3	0.39	0.4	-87.32%	-69.30%
Tungsten (other)	-	-	-	-	-	-
Total		297.0		488.7		64.52%
%		1.83		3.06		67.01%
<b>Base Metals</b>						
Aluminium ore	2,958	32.9	5,152	66.9	74.17%	103.48%
Antimony ore	728	18.3	3,109	290.8	326.92%	1492.35%
Copper	41	0.3	1,861	6.9	4412.26%	2016.25%
Lead ore	21	9.4	55	21.1	158.26%	123.82%
Tin ore	3,355	970.8	3,359	1,274.1	0.11%	31.25%
Zinc ore	-	-	3,062	6.9	-	-
Total		1,031.7		1,666.7		61.56%
%		6.37		10.44		63.74%
<b>Precious Metals and Precious Stone</b>						
Emerald	1,567	14.7	1,482	16.7	-5.39%	13.63%
Silver ore	4	0.3	-	-	-	-
Total		15.0		16.7		11.28%
%		0.09		0.10		12.96%
<b>Light Metals and Rare Earth</b>						
Ilmenite ore	20	0.8	26	1.1	30.10%	34.10%
Niobium and Vanadium ore	10,001	139.3	15,620	296.7	56.19%	113.08%
Tantalite	62	81.0	318	341.4	415.97%	321.56%
Thorium ore	-	-	-	-	-	-
Titanium ore						
- Rutile	911	39.7	396	16.9	-56.51%	-57.33%
- Leucocoxene	200	8.0	100	3.8	-50.00%	-52.82%
- Ilmenite	400	4.4	40	0.5	-90.00%	-88.66%
- Other Titanium ore	-	-	104	4.6	-	-
Zirconium ore	2,416	105.0	1,453	65.7	-39.85%	-37.41%
Total		378.1		730.7		93.26%
%		2.33		4.57		96.18%
<b>Cement Industrial Minerals</b>						
Anhydrite	-	-	-	-	-	-
Gypsum	76	1.8	27	0.9	-64.28%	-52.77%
Limestone	383	4.5	483	6.8	25.99%	50.41%
Total		6.4		7.7		20.63%
%		0.04		0.05		22.46%

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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Value : Million Baht

Mineral	2019		2020		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<b>Ceramic Industrial Minerals</b>						
Andalusite, Kyannite and Sillimanite	1,091	11.9	989	13.2	-9.31%	10.71%
Attapulgit	-	-	-	-	-	-
Ball Clay	7,324	41.7	5,523	32.3	-24.59%	-22.59%
Dolomite	341	5.0	90	0.7	-73.60%	-85.51%
Feldspar						
- Potassium, Sodium Feldspar	4,352	18.6	9,579	32.3		
- Other Feldspar	4,206	19.6	4,197	15.0		
Kaolin						
- Ceramic	7,657	50.1	7,039	45.8	-8.07%	-8.73%
- Paper	2,208	19.0	2,529	25.6	14.54%	34.63%
- Others	13,599	128.3	23,000	196.8	69.13%	53.36%
Lucite, Nepheline and Nepheline Syenite	172	4.2	127	3.9	-26.23%	-6.46%
Mullite	495	7.5	657	9.8	32.52%	29.60%
Quartz	4,991	37.5	9,747	60.3	95.29%	60.58%
Silica sand	15,143	75.8	11,445	79.5	-24.42%	4.76%
Total		419.4		515.0		22.81%
%		2.59		3.23		25.05%
<b>Dimension Stone</b>						
Ecaussine	-	-	-	-	-	-
Granite	14,367	63.4	9,212.5	39.9	-35.88%	-37.07%
Marble	7,682	110.8	5,838	79.5	-24.00%	-28.30%
Sandstone	1,530	0.5	78	1.8	-94.92%	226.71%
Serpentine	-	-	55	1	-	-
Slate	22	0.2	23	0.2	2.32%	13.69%
Total		175.0		122.1		-30.23%
%		1.08		0.76		-29.17%
<b>Industrial Rock</b>						
Basalt	2,965	28.6	2,040	16.9	-31.18%	-41.01%
Flint	158,435	26.3	76,196	17.7	-51.91%	-32.85%
Pumice stone	1,616	13.2	2,845	20.2	76.02%	53.15%
Vermiculite, Perlite and Chlorites	779	9.1	1,055	10.4	35.37%	13.97%
Total		77.3		65.2		-15.64%
%		0.48		0.41		-14.37%
<b>Other Industrial Minerals</b>						
Apatite (ground)	998	3.0	3,204	8.1	220.96%	167.21%
Asbestos	5,738	80.6	2,364	29.2	-58.81%	-63.76%
Barite	47,343	62.7	27,193	43.6	-42.56%	-30.54%
Bentonite	34,809	180.1	33,444	187.7	-3.92%	4.18%
Calcite	47	0.0	-	-	-	-
Chalk	9	0.1	16	0.2	77.69%	64.68%
Epsomite	19	0.2	-	-	-	-
Fireclay	159	2.4	415	4.6	160.30%	92.30%
Fluorite	2,171	10.9	2,735	13.0	26.00%	19.30%
Graphite	2,730	31.2	1,412	39.0	-48.29%	24.77%
Kieserite	439	2.1	57	0.5	-87.08%	-79.03%
Magnesite	475	6.0	745	12.1	56.73%	102.44%
Mica	1,407	36.2	1,917	46.8	36.26%	29.09%
Orpiment	165	1.2	320	2.6	93.90%	122.18%
Phosphate						
- Ground	-	-	-	-	-	-
- Unground	-	-	0	0.0	-	-
Potash	-	-	-	-	-	-
Pyrophyllite	20	0.1	40	0.3	100.00%	96.37%
Rock salt	237	1.3	9	0.7	-96.18%	-47.47%
Steatite	198	2.9	326	4.6	64.61%	57.68%
Sulphur	34,928	102.1	37,354	164.4	6.95%	61.09%
Talc	39,270	382.4	38,010	416.7	-3.21%	8.96%
Witherite	50	0.7	50	0.8	0.00%	5.54%
Total		906.3		974.5		7.52%
%		5.59		6.10		9.14%
<b>Total</b>		<b>16,213.2</b>		<b>15,971.7</b>		<b>-1.49%</b>

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Bituminous coal	2,508,314	6,162.4	2,117,900	4,701.6	-15.56%	-23.70%
Tin ore	3,355	970.8	3,359	1,274.1	0.11%	31.25%
Molybdenite ore	2,244	229.3	2,003	466.3	-10.74%	103.39%
Talc	39,270	382.4	38,010	416.7	-3.21%	8.96%
Tantalite	62	81.0	318	341.4	415.97%	321.56%
Niobium and Vanadium ore	10,001	139.3	15,620	296.7	56.19%	113.08%
Antimony ore	728	18.3	3,109	290.8	326.92%	1492.35%
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Gypsum	76	1.8	27	0.9	-64.28%	-52.77%
Witherite	50	0.7	50	0.8	-	0.06
Dolomite	341	5.0	90	0.7	-73.60%	-85.51%
Serpentine	-	-	55	0.7	-	-
Rock salt	237	1.3	9	0.7	-96.18%	-47.47%
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Pvrophyllite	20	0.1	40	0.3	100.00%	96.37%
Slate	22	0.2	23	0.2	2.32%	13.69%
Iron ore	50	0.5	2	0.2	-97.01%	-59.85%
Chalk	9	0.1	16	0.2	77.69%	64.68%
Cobalt ore	0	0.0	0	0.0	-28.57%	-24.93%
Columbite	92	30.8	-	-	-	-
Calcite	47	0.0	-	-	-	-
Epsomite	19	0.2	-	-	-	-
Silver ore	4	0.3	-	-	-	-
Phosphate						
- Ground	-	-	-	-	-	-
- Unground	-	-	0	0.0	-	-
Anhydrite	-	-	-	-	-	-
Attapulgitite	-	-	-	-	-	-
Ecaussine	-	-	-	-	-	-
Potash	-	-	-	-	-	-
Thorium ore	-	-	-	-	-	-
Tungsten (other)	-	-	-	-	-	-
<b>Total</b>		<b>16,213.2</b>		<b>15,971.7</b>		<b>-1.49%</b>

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

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