

Mineral Import of Thailand (Fiscal) 2020 - 2021

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	14,503	166.3	21,788	282.5	50.23%	69.86%
Andalusite, Kyannite and Sillimanite	3,360	38.7	3,316	40.9	-1.32%	5.67%
Anhydrite	0	0.0	1	0.0	24900.00%	-38.62%
Anthracite	113,459	452.1	141,296	554.6	24.53%	22.68%
Antimony ore	1,083	24.0	5,082	547.0	369.37%	2179.88%
Apatite (ground)	2,460	7.5	4,504	12.1	83.08%	61.60%
Asbestos	39,903	511.5	30,367	418.4	-23.90%	-18.21%
Attapulgit	4	0.1	28	0.5	592.50%	276.19%
Ball Clay	22,856	131.3	27,338	172.8	19.61%	31.64%
Barite	122,234	205.0	130,380	220.8	6.67%	7.71%
Basalt	45,032	126.5	15,453	82.8	-65.68%	-34.53%
Bentonite	134,196	739.9	144,722	883.5	7.84%	19.41%
Bituminous coal	7,900,864	19,266.7	8,792,557	21,785.4	11.29%	13.07%
Calcite	48	0.0	-	-	-	-
Chalk	44	0.7	76	1.2	70.69%	71.83%
Chromite ore	1,350	15.3	1,637	16.6	21.32%	8.50%
Coal Solid Fuels from Coal	13,611,277	20,051.0	15,383,315	27,965.9	13.02%	39.47%
Cobalt ore	0	0.2	0	0.4	24.91%	60.62%
Coke	19,116	277.1	13,844	226.4	-27.58%	-18.30%
Columbite	241	78.9	-	-	-	-
Copper	1,299	3.8	9,608	37.9	639.54%	884.26%
Dolomite	1,219	20.4	667	8.6	-45.33%	-57.97%
Ecaussine	-	-	-	-	-	-
Emery	6,766	64.4	6,621	81.4	-2.14%	26.48%
Epsomite	96	0.9	63	0.6	-34.65%	-31.06%
Feldspar	-	-	-	-	-	-
- Potassium, Sodium Feldspar	20,245	79.0	33,925	123.5	67.57%	56.29%
- Other Feldspar	13,972	63.5	15,834	63.9	13.33%	0.65%
Fireclay	789	10.8	1,192	14.8	51.00%	36.96%
Flint	386,675	76.0	366,997	78.7	-5.09%	3.60%
Fluorite	8,886	36.9	10,428	59.8	17.36%	62.17%
Granite	81,719	267.2	45,319	215.7	-44.54%	-19.28%
Graphite	6,487	109.4	6,802	147.3	4.86%	34.58%
Gypsum	277	6.1	229	4.6	-17.24%	-24.58%
Ilmenite ore	132	5.7	104	4.7	-21.19%	-18.19%
Iron ore	577	7.3	1,763	10.6	205.83%	45.34%
Iron Pyrites	1,751	11.5	2,429	15.0	38.70%	29.78%
Kaolin	-	-	-	-	-	-
- Ceramic	29,504	177.4	37,566	269.2	27.32%	51.69%
- Paper	9,496	89.9	9,029	92.7	-4.92%	3.18%
- Others	57,588	553.5	68,771	665.6	19.42%	20.25%
Kieserite	5,492	27.6	9,586	51.4	74.55%	86.39%
Lead ore	66	23.3	181	103.4	174.08%	344.27%
Lignite	235,170	210.9	245,251	232.9	4.29%	10.44%
Limestone	1,868	19.7	2,547	34.1	36.31%	73.00%
Lucite, Nepheline and Nepheline Syenite	530	14.1	701	20.7	32.15%	46.29%
Magnesite	1,086	13.5	4,008	53.9	269.19%	300.09%
Manganese ore	72,765	111.5	26,046	48.1	-64.20%	-56.89%
Marble	29,016	409.2	20,009	321.7	-31.04%	-21.38%
Mica	4,989	120.9	7,036	180.4	41.02%	49.19%
Molybdenite ore	10,648	1,653.9	7,254	1,650.0	-31.87%	-0.23%
Mullite	1,399	21.7	2,900	47.1	107.34%	117.11%
Nickel ore	4	1.9	3	2.6	-14.57%	36.56%
Niobium and Vanadium ore	40,518	725.6	77,323	2,016.5	90.84%	177.89%
Orpiment	873	6.4	1,392	11.1	59.47%	75.16%
Peat	21,212	161.4	25,663	229.3	20.99%	42.10%
Phosphate	-	-	-	-	-	-
- Ground	-	-	-	-	-	-
- Unground	1	0.8	0	0.0	-93.43%	-97.82%
Potash	-	-	-	-	-	-
Pumice stone	6,783	50.6	10,807	79.9	59.32%	57.79%
Pyrophyllite	80	0.5	200	1.3	150.00%	158.14%
Quartz	19,220	149.2	54,572	414.2	183.94%	177.53%
Rock salt	690	5.0	411	4.7	-40.36%	-6.20%
Sandstone	1,797	4.7	702	9.2	-60.95%	97.04%
Serpentine	211	2.5	248	3.2	17.61%	27.63%
Silica sand	117,244	390.4	76,490	486.7	-34.76%	24.65%
Silver ore	6	0.5	11	0.8	85.30%	79.72%
Slate	129	1.7	75	1.1	-41.87%	-35.95%
Steatite	819	11.7	1,093	15.8	33.55%	34.87%
Sulphur	98,840	330.3	139,568	777.0	41.21%	135.25%
Talc	118,083	1,180.0	150,780	1,710.0	27.69%	44.92%
Tantalite	312	432.0	955	1,271.4	206.06%	194.29%
Thorium ore	-	-	-	-	-	-
Tin ore	15,215	4,393.2	17,966	8,464.3	18.08%	92.67%
Titanium ore	-	-	-	-	-	-
- Rutile	5,236	237.3	2,036	94.6	-61.11%	-60.13%
- Leucoxene	1,401	57.8	520	21.4	-62.88%	-62.97%
- Ilmenite	1,161	13.6	332	11.2	-71.38%	-17.39%
- Other Titanium ore	152	6.7	540	25.0	255.01%	270.25%
Tungsten (other)	0	0.0	-	-	-	-
Vermiculite, Perlite and Chlorites	3,808	42.9	4,301	45.0	12.96%	4.89%
Witherite	75	1.1	50	0.8	-33.33%	-27.58%
Zinc ore	2,783	8.9	7,064	21.6	-	-
Zirconium ore	7,642	340.2	20,144	599.3	163.58%	76.18%
Total		54,859.9		74,168.3		35.20%

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 (Fiscal) 2020 - 2021 by Group

Quantity : Tonnes

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

Value : Million Baht

Mineral	2020		2021		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Mineral Fuels and Energy						
Anthracite	113,459	452.1	141,296	554.6	24.53%	22.68%
Bituminous coal	7,900,864	19,266.7	8,792,557	21,785.4	11.29%	13.07%
Coal Solid Fuels from Coal	13,611,277	20,051.0	15,383,315	27,965.9	13.02%	39.47%
Coke	19,116	277.1	13,844	226.4	-27.58%	-18.30%
Lignite	235,170	210.9	245,251	232.9	4.29%	10.44%
Peat	21,212	161.4	25,663	229.3	20.99%	42.10%
Total		40,419.2		50,994.6		26.16%
%		73.7		68.8		-6.68%
Iron and Ferro Alloy						
Chromite ore	1,350	15.3	1,637	16.6	21.32%	8.50%
Cobalt ore	0	0.2	0	0.4	24.91%	60.62%
Columbite	241	78.9	-	-	-	-
Iron ore	577	7.3	1,763	10.6	205.83%	45.34%
Iron Pyrites	1,751	11.5	2,429	15.0	38.70%	29.78%
Manganese ore	72,765	111.5	26,046	48.1	-64.20%	-56.89%
Molybdenite ore	10,648	1,653.9	7,254	1,650.0	-31.87%	-0.23%
Nickel ore	4	1.9	3	2.6	-14.57%	36.56%
Tungsten (other)	0	0.0	-	-	-	-
Total		1,880.6		1,743.3		-7.30%
%		3.4		2.4		-31.43%
Base Metals						
Aluminium ore	14,503	166.3	21,788	282.5	50.23%	69.86%
Antimony ore	1,083	24.0	5,082	547.0	369.37%	2179.88%
Copper	1,299	3.8	9,608	37.9	639.54%	884.26%
Lead ore	66	23.3	181	103.4	174.08%	344.27%
Tin ore	15,215	4,393.2	17,966	8,464.3	18.08%	92.67%
Zinc ore	2,783	8.9	7,064	21.6	153.79%	141.99%
Total		4,619.5		9,456.7		104.71%
%		8.4		12.8		51.42%
Precious Metals and Precious Stone						
Emery	6,766	64.4	6,621	81.4	-2.14%	26.48%
Silver ore	6	0.5	11	0.8	85.30%	79.72%
Total		64.8		82.2		26.86%
%		0.1		0.1		-6.16%
Light Metals and Rare Earth						
ilmenite ore	132	5.7	104	4.7	-21.19%	-18.19%
Niobium and Vanadium ore	40,518	725.6	77,323	2,016.5	90.84%	177.89%
Tantalite	312	432.0	955	1,271.4	206.06%	194.29%
Thorium ore	-	-	-	-	-	-
Titanium ore						
- Rutile	5,236	237.3	2,036	94.6	-61.11%	-60.13%
- Leucocoxene	1,401	57.8	520	21.4	-62.88%	-62.97%
- Ilmenite	1,161	13.6	332	11.2	-71.38%	-17.39%
- Other Titanium ore	152	6.7	540	25.0	255.01%	270.25%
Zirconium ore	7,642	340.2	20,144	599.3	163.58%	76.18%
Total		1,819.0		4,044.1		122.33%
%		3.3		5.5		64.45%
Cement Industrial Minerals						
Anhydrite	0	0.0	1	0.0	24900.00%	-38.62%
Gypsum	277	6.1	229	4.6	-17.24%	-24.58%
Limestone	1,868	19.7	2,547	34.1	36.31%	73.00%
Total		25.8		38.7		49.79%
%		0.0		0.1		10.80%

0* denoting the amount of less than 0.1 metric tonnes

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Value : Million Baht

Mineral	2020		2021		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Ceramic Industrial Minerals						
Andalusite, Kyannite and Sillimanite	3,360	38.7	3,316	40.9	-1.32%	5.67%
Attapulgit	4	0.1	28	0.5	592.50%	276.19%
Ball Clay	22,856	131.3	27,338	172.8	19.61%	31.64%
Dolomite	1,219	20.4	667	8.6	-45.33%	-57.97%
Feldspar						
- Potassium, Sodium Feldspar	20,245	79.0	33,925	123.5	67.57%	56.29%
- Other Feldspar	13,972	63.5	15,834	63.9	13.33%	0.65%
Kaolin						
- Ceramic	29,504	177.4	37,566	269.2	27.32%	51.69%
- Paper	9,496	89.9	9,029	92.7	-4.92%	3.18%
- Others	57,588	553.5	68,771	665.6	19.42%	20.25%
Lucite, Nepheline and Nepheline Syenite	530	14.1	701	20.7	32.15%	46.29%
Mullite	1,399	21.7	2,900	47.1	107.34%	117.11%
Quartz	19,220	149.2	54,572	414.2	183.94%	177.53%
Silica sand	117,244	390.4	76,490	486.7	-34.76%	24.65%
Total		1,729.3		2,406.3		39.15%
%		3.2		3.2		2.92%
Dimension Stone						
Ecaussine	-	-	-	-	-	-
Granite	81,719	267.2	45,319	215.7	-44.54%	-19.28%
Marble	29,016	409.2	20,009	321.7	-31.04%	-21.38%
Sandstone	1,797	4.7	702	9.2	-60.95%	97.04%
Serpentine	211	2.5	248	3.2	17.61%	27.63%
Slate	129	1.7	75	1.1	-41.87%	-35.95%
Total		685.3		551.0		-19.61%
%		1.2		0.7		-40.54%
Industrial Rock						
Basalt	45,032	126.5	15,453	82.8	-65.68%	-34.53%
Flint	386,675	76.0	366,997	78.7	-5.09%	3.60%
Pumice stone	6,783	50.6	10,807	79.9	59.32%	57.79%
Vermiculite, Perlite and Chlorites	3,808	42.9	4,301	45.0	12.96%	4.89%
Total		295.9		286.4		-3.24%
%		0.5		0.4		-28.43%
Other Industrial Minerals						
Apatite (ground)	2,460	7.5	4,504	12.1	83.08%	61.60%
Asbestos	39,903	511.5	30,367	418.4	-23.90%	-18.21%
Barite	122,234	205.0	130,380	220.8	6.67%	7.71%
Bentonite	134,196	739.9	144,722	883.5	7.84%	19.41%
Calcite	48	0.0	-	-	-	-
Chalk	44	0.7	76	1.2	70.69%	71.83%
Epsomite	96	0.9	63	0.6	-34.65%	-31.06%
Fireclay	789	10.8	1,192	14.8	51.00%	36.96%
Fluorite	8,886	36.9	10,428	59.8	17.36%	62.17%
Graphite	6,487	109.4	6,802	147.3	4.86%	34.58%
Kieserite	5,492	27.6	9,586	51.4	74.55%	86.39%
Magnesite	1,086	13.5	4,008	53.9	269.19%	300.09%
Mica	4,989	120.9	7,036	180.4	41.02%	49.19%
Orpiment	873	6.4	1,392	11.1	59.47%	75.16%
Phosphate						
- Ground	-	-	-	-	-	-
- Unground	1	0.8	0	0.0	-93.43%	-97.82%
Potash	-	-	-	-	-	-
Pyrophyllite	80	0.5	200	1.3	150.00%	158.14%
Rock salt	690	5.0	411	4.7	-40.36%	-6.20%
Steatite	819	11.7	1,093	15.8	33.55%	34.87%
Sulphur	98,840	330.3	139,568	777.0	41.21%	135.25%
Talc	118,083	1,180.0	150,780	1,710.0	27.69%	44.92%
Witherite	75	1.1	50	0.8	-33.33%	-27.58%
Total		3,320.4		4,565.1		37.49%
%		6.1		6.2		1.69%
Total		54,859.9		74,168.3		35.20%

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Bituminous coal	7,900,864	19,266.7	8,792,557	21,785.4	11.29%	13.07%
Tin ore	15,215	4,393.2	17,966	8,464.3	18.08%	92.67%
Niobium and Vanadium ore	40,518	725.6	77,323	2,016.5	90.84%	177.89%
Talc	118,083	1,180.0	150,780	1,710.0	27.69%	44.92%
Molybdenite ore	10,648	1,653.9	7,254	1,650.0	-31.87%	-0.23%
Tantalite	312	432.0	955	1,271.4	206.06%	194.29%
Kaolin						
- Ceramic	29,504	177.4	37,566	269.2	27.32%	51.69%
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Zirconium ore	7,642	340.2	20,144	599.3	163.58%	76.18%
Anthracite	113,459	452.1	141,296	554.6	24.53%	22.68%
Antimony ore	1,083	24.0	5,082	547.0	369.37%	2179.88%
Silica sand	117,244	390.4	76,490	486.7	-34.76%	24.65%
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Basalt	45,032	126.5	15,453	82.8	-65.68%	-34.53%
Emery	6,766	64.4	6,621	81.4	-2.14%	26.48%
Pumice stone	6,783	50.6	10,807	79.9	59.32%	57.79%
Flint	386,675	76.0	366,997	78.7	-5.09%	3.60%
Fluorite	8,886	36.9	10,428	59.8	17.36%	62.17%
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Copper	1,299	3.8	9,608	37.9	639.54%	884.26%
Limestone	1,868	19.7	2,547	34.1	36.31%	73.00%
Zinc ore	2,783	8.9	7,064	21.6	153.79%	141.99%
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Steatite	819	11.7	1,093	15.8	33.55%	34.87%
Iron Pyrites	1,751	11.5	2,429	15.0	38.70%	29.78%
Fireclay	789	10.8	1,192	14.8	51.00%	36.96%
Apatite (ground)	2,460	8	4,504	12.1	83.08%	61.60%
Orpiment	873	6.4	1,392	11.1	59.47%	75.16%
Iron ore	577	7.3	1,763	10.6	205.83%	45.34%
Sandstone	1,797	4.7	702	9.2	-60.95%	97.04%
Dolomite	1,219	20.4	667	8.6	-45.33%	-57.97%
Ilmenite ore	132	5.7	104	4.7	-21.19%	-18.19%
Rock salt	690	5	411	4.7	-40.36%	-6.20%
Gypsum	277	6.1	229	4.6	-17.24%	-24.58%
Serpentine	211	2.5	248	3.2	17.61%	27.63%
Nickel ore	4	1.9	3	2.6	-14.57%	36.56%
Pyrophyllite	80	0.5	200	1.3	150.00%	158.14%
Chalk	44	0.7	76	1.2	70.69%	71.83%
Slate	129	1.7	75	1.1	-41.87%	-35.95%
Silver ore	6	0.5	11	0.8	85.30%	79.72%
Witherite	75	1.1	50	0.8	-33.33%	-27.58%
Epsomite	96	0.9	63	0.6	-34.65%	-31.06%
Attapulgit	4	0	28	0.5	592.50%	276.19%
Cobalt ore	0	0.2	0	0.4	24.91%	60.62%
Phosphate						
- Ground	-	-	-	-	-	-
- Unground	1	0.8	0	0.0	-93.43%	-97.82%
Anhydrite	0	0.0	1	0.0	24900.00%	-38.62%
Calcite	48	0.0	-	-	-	-
Columbite	241	78.9	-	-	-	-
Ecaussine	-	-	-	-	-	-
Potash	-	-	-	-	-	-
Thorium ore	-	-	-	-	-	-
Tungsten (other)	0	0.0	-	-	-	-
Total		54,859.9		74,168.3		35.20%

0* denoting the amount of less than 0.1 metric tonnes

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