

Mineral Import of Thailand 2019 - 2020 (Jan. - Sep.)

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

Quantity : Tonnes Value : Million Baht

Mineral	2019		2020		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Aluminium ore	15,929	197.1	9,979	114.8	-37.35%	-41.77%
Andalusite, Kyannite and Sillimanite	3,122	34.6	2,081	24.4	-33.37%	-29.40%
Anhydrite	0	0.0	-	-	-	-
Anthracite	125,319	563.3	113,057	448.9	-9.78%	-20.31%
Antimony ore	3,935	60.2	1,029	23.7	-73.86%	-60.62%
Apatite (ground)	545	2.9	2,130	6.6	290.82%	124.52%
Asbestos	30,645	399.8	30,378	399.0	-0.87%	-0.19%
Attapulgit	28	0.4	-	-	-	-
Ball Clay	22,210	140.6	17,105	96.9	-22.99%	-31.08%
Barite	101,217	199.3	61,890	130.1	-38.85%	-34.69%
Basalt	108,885	95.5	22,028	90.1	-79.77%	-5.71%
Bentonite	101,016	552.7	97,545	529.4	-3.44%	-4.22%
Bituminous coal	6,749,660	18,260.8	6,513,453	15,676.1	-3.50%	-14.15%
Calcite	-	-	47	0.0	-	-
Chalk	22	0.4	21	0.3	-4.74%	-24.43%
Chromite ore	920	15.3	981	10.7	6.53%	-29.61%
Coal Solid Fuels from Coal	10,965,051	18,730.8	11,554,688	16,558.8	5.38%	-11.60%
Cobalt ore	0.3	0.32	0.3	0.21	5.60%	-34.17%
Coke	14,114	247.0	14,025	194.1	-0.63%	-21.40%
Columbite	332	159.2	216	70.7	-34.89%	-55.63%
Copper	101	0.9	1,258	3.5	1141.85%	309.75%
Dolomite	1,100	13.9	970	15.9	-11.80%	14.02%
Ecaussine	-	-	-	-	-	-
Emery	3,544	36.1	4,883	47.4	37.78%	31.23%
Epsomite	39	0.4	77	0.8	100.13%	108.87%
Fireclay	1,053	10.7	594	8.7	-43.59%	-18.27%
Flint	386,182	95.4	288,262	55.8	-25.36%	-41.47%
Fluorite	10,104	33.8	7,331	25.2	-27.44%	-25.46%
Granite	108,137	290.1	56,605	191.0	-47.65%	-34.17%
Graphite	5,618	115.3	5,480	77.5	-2.47%	-32.75%
Gypsum	298	5.5	236	5.0	-21.01%	-8.18%
Ilmenite ore	60	2.4	72	3.2	20.00%	37.98%
Iron Pyrites	681	6.5	785	6.3	15.31%	-3.80%
Kaolin	-	-	-	-	-	-
- Ceramic	20,290	127.7	20,877	129.1	2.90%	1.11%
- Paper	3,810	37.6	7,488	69.3	96.53%	84.33%
- Others	58,623	497.0	37,207	380.6	-36.53%	-23.42%
Kieserite	1,531	8.0	3,941	17.7	157.42%	121.40%
Lead ore	83	7.9	51	20.2	-38.71%	156.52%
Lignite	260,868	238.4	113,192	102.1	-56.61%	-57.18%
Limestone	998	8.9	1,339	14.4	34.19%	61.46%
Lucite, Nepheline and Nepheline Syenite	411	11.3	405	10.9	-1.55%	-3.26%
Magnesite	2,149	28.2	889	10.6	-58.65%	-62.54%
Manganese ore	124,082	187.3	61,232	95.0	-50.65%	-49.30%
Marble	33,710	441.3	17,598	251.8	-47.80%	-42.94%
Mica	4,553	123.6	3,707	93.7	-18.58%	-24.16%
Molybdenite ore	11,637	1,891.2	7,339	982.6	-36.94%	-48.04%
Mullite	1,721	28.8	1,079	16.5	-37.26%	-42.82%
Nickel ore	135	2.9	4	1.9	-97.33%	-34.35%
Niobium and Vanadium ore	17,202	1,129.9	35,376	612.8	105.65%	-45.76%
Orpiment	951	6.0	688	5.1	-27.68%	-14.80%
Peat	13,200	98.4	16,248	127.1	23.09%	29.07%
Phosphate	-	-	-	-	-	-
- Ground	-	-	-	-	-	-
- Unground	1.3	0.5	0.8	0.8	-37.64%	49.40%
Potash	-	0.0	-	-	-	-
Pumice stone	4,145	35.5	5,230	37.5	26.16%	5.60%
Pyrophyllite	20	0.1	80	0.5	300.00%	284.43%
Quartz	13,849	96.7	14,493	115.8	4.65%	19.69%
Rock salt	539	4.1	266	1.9	-50.71%	-54.16%
Sandstone	8,044	11.3	1,744	3.5	-78.32%	-69.28%
Serpentine	27	0.1	211	2.5	681.68%	2194.34%
Silica sand	108,093	325.2	74,506	269.5	-31.07%	-17.11%
Silver ore	-	-	6	0.5	-	-
Slate	52	0.5	49	0.7	-6.03%	50.84%
Steatite	618	9.3	582	8.3	-5.94%	-10.97%
Sulphur	45,617	242.7	73,949	234.8	62.11%	-3.23%
Talc	114,808	1,291.4	86,905	843.8	-24.30%	-34.66%
Tantalite	452	641.2	269	377.6	-40.49%	-41.11%
Thorium ore	-	-	-	-	-	-
Tin ore	8,097	2,879.5	12,754	3,686.4	57.51%	28.02%
Titanium ore	-	-	-	-	-	-
- Rutile	3,446	145.9	3,745	172.7	8.68%	18.32%
- Leucosene	4,660	179.7	301	12.1	-93.54%	-93.28%
- Ilmenite	660	9.1	421	5.0	-36.22%	-45.40%
- Other Titanium ore	864	43.3	152	6.7	-82.41%	-84.43%
Tungsten (other)	-	-	-	-	-	-
Vermiculite, Perlite and Chlorites	2,823	27.8	2,895	33.5	2.56%	20.68%
Witherite	100	1.7	50	0.7	-50.00%	-57.42%
Zinc ore	2,300	8.8	1,669	5.1	-27.40%	-42.39%
Zirconium ore	5,097	261.8	6,323	277.5	24.06%	6.02%
Total		51,361.8		43,853.8		-14.62%

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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Mineral	2019		2020		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Coal Solid Fuels from Coal	10,965,051	18,730.8	11,554,688	16,558.8	5.38%	-11.60%
Bituminous coal	6,749,660	18,260.8	6,513,453	15,676.1	-3.50%	-14.15%
Tin ore	8,097	2,879.5	12,754	3,686.4	57.51%	28.02%
Molybdenite ore	11,637	1,891.2	7,339	982.6	-36.94%	-48.04%
Talc	114,808	1,291.4	86,905	843.8	-24.30%	-34.66%
Niobium and Vanadium ore	17,202	1,129.9	35,376	612.8	105.65%	-45.76%
Kaolin						
- Ceramic	20,290	127.7	20,877	129.1	2.90%	1.11%
- Paper	3,810	37.6	7,488	69.3	96.53%	84.33%
- Others	58,623	497.0	37,207	380.6	-36.53%	-23.42%
Bentonite	101,016	552.7	97,545	529.4	-3.44%	-4.22%
Anthracite	125,319	563.3	113,057	448.9	-9.78%	-20.31%
Asbestos	30,645	399.8	30,378	399.0	-0.87%	-0.19%
Tantalite	452	641.2	269	377.6	-40.49%	-41.11%
Zirconium ore	5,097	261.8	6,323	277.5	24.06%	6.02%
Silica sand	108,093	325.2	74,506	269.5	-31.07%	-17.11%
Marble	33,710	441.3	17,598	251.8	-47.80%	-42.94%
Sulphur	45,617	242.7	73,949	234.8	62.11%	-3.23%
Titanium ore						
- Rutile	3,446	145.9	3,745	172.7	8.68%	18.32%
- Leucoxene	4,660	179.7	301	12.1	-93.54%	-93.28%
- Ilmenite	660	9.1	421	5.0	-36.22%	-45.40%
- Other Titanium ore	864	43.3	152	6.7	-82.41%	-84.43%
Coke	14,114	247.0	14,025	194.1	-0.63%	-21.40%
Granite	108,137	290.1	56,605	191.0	-47.65%	-34.17%
Barite	101,217	199.3	61,890	130.1	-38.85%	-34.69%
Peat	13,200	98.4	16,248	127.1	23.09%	29.07%
Quartz	13,849	96.7	14,493	115.8	4.65%	19.69%
Aluminium ore	15,929	197.1	9,979	114.8	-37.35%	-41.77%
Lignite	260,868	238.4	113,192	102.1	-56.61%	-57.18%
Ball Clay	22,210	140.6	17,105	96.9	-22.99%	-31.08%
Manganese ore	124,082	187.3	61,232	95.0	-50.65%	-49.30%
Mica	4,553	123.6	3,707	93.7	-18.58%	-24.16%
Basalt	108,885	95.5	22,028	90.1	-79.77%	-5.71%
Graphite	5,618	115.3	5,480	77.5	-2.47%	-32.75%
Columbite	332	159.2	216	70.7	-34.89%	-55.63%
Flint	386,182	95.4	288,262	55.8	-25.36%	-41.47%
Emery	3,544	36.1	4,883	47.4	37.78%	31.23%
Pumice stone	4,145	35.5	5,230	37.5	26.16%	5.60%
Vermiculite, Perlite and Chlorites	2,823	27.8	2,895	33.5	2.56%	20.68%
Fluorite	10,104	33.8	7,331	25.2	-27.44%	-25.46%
Andalusite, Kyannite and Sillimanite	3,122	34.6	2,081	24.4	-33.37%	-29.40%
Antimony ore	3,935	60.2	1,029	23.7	-73.86%	-60.62%
Lead ore	83	7.9	51	20.2	-38.71%	156.52%
Kieserite	1,531	8.0	3,941	17.7	157.42%	121.40%
Mullite	1,721	28.8	1,079	16.5	-37.26%	-42.82%
Dolomite	1,100	13.9	970	15.9	-11.80%	14.02%
Limestone	998	8.9	1,339	14.4	34.19%	61.46%
Lucite, Nepheline and Nepheline Syenite	411	11.3	405	10.9	-1.55%	-3.26%
Chromite ore	920	15.3	981	10.7	6.53%	-29.61%
Magnesite	2,149	28.2	889	10.6	-58.65%	-62.54%
Fireclay	1,053	10.7	594	8.7	-43.59%	-18.27%
Steatite	618	9.3	582	8.3	-5.94%	-10.97%
Apatite (ground)	545	2.9	2,130	6.6	290.82%	124.52%
Iron Pyrites	681	6.5	785	6.3	15.31%	-3.80%
Orpiment	951	6.0	688	5.1	-27.68%	-14.80%
Zinc ore	2,300	8.8	1,669	5.1	-27.40%	-42.39%
Gypsum	298	5.5	236	5.0	-21.01%	-8.18%
Copper	101	0.9	1,258	3.5	1141.85%	309.75%
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Serpentine	27	0.1	211.2	2.5	681.68%	2194.34%
Rock salt	539	4.1	266	1.9	-50.71%	-54.16%
Nickel ore	135	2.9	4	1.9	-97.33%	-34.35%
Phosphate						
- Ground	-	-	-	-	-	-
- Unground	1	0.5	0.8	0.8	-37.64%	49.40%
Epsomite	39	0	77	0.8	100.13%	108.87%
Witherite	100	1.7	50	0.7	-50.00%	-57.42%
Slate	52	0.5	49	0.7	-6.03%	50.84%
Pyrophyllite	20	0.1	80	0.5	300.00%	284.43%
Silver ore	-	-	6	0.5	-	-
Chalk	22	0.4	21	0.3	-4.74%	-24.43%
Cobalt ore	0.3	0.32	0.3	0.21	5.60%	-34.17%
Calcite	-	-	47	0.0	-	-
Anhydrite	0	0.0	-	-	-	-
Attapulgit	28	0.4	-	-	-	-
Ecaussine	-	-	-	-	-	-
Potash	-	0.0	-	-	-	-
Tungsten (other)	-	-	-	-	-	-
Thorium ore	-	-	-	-	-	-
Total		51,361.8		43,853.8		-14.62%

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Value : Million Baht

Mineral	2019		2020		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Mineral Fuels and Energy						
Anthracite	125,319	563.3	113,057	448.9	-9.78%	-20.31%
Bituminous coal	6,749,660	18,260.8	6,513,453	15,676.1	-3.50%	-14.15%
Coal Solid Fuels from Coal	10,965,051	18,730.8	11,554,688	16,558.8	5.38%	-11.60%
Coke	14,114	247.0	14,025	194.1	-0.63%	-21.40%
Lignite	260,868	238.4	113,192	102.1	-56.61%	-57.18%
Peat	13,200	98.4	16,248	127.1	23.09%	29.07%
Total		38,138.7		33,107.1		-13.19%
%		74.26		75.49		1.67%
Iron and Ferro Alloy						
Chromite ore	920	15.3	981	10.7	6.53%	-29.61%
Cobalt ore	0.3	0.32	0.3	0.21	5.60%	-34.17%
Columbite	332	159.2	216	70.7	-34.89%	-55.63%
Iron Pyrites	681	6.5	785	6.3	15.31%	-3.80%
Manganese ore	124,082	187.3	61,232	95.0	-50.65%	-49.30%
Molybdenite ore	11,637	1,891.2	7,339	982.6	-36.94%	-48.04%
Nickel ore	134.9	2.9	4	1.9	-97.33%	-34.35%
Tungsten (other)	-	-	-	-	-	-
Total		2,262.7		1,167.3		-48.41%
%		4.41		2.66		-39.58%
Base Metals						
Aluminium ore	15,929	197.1	9,979	114.8	-37.35%	-41.77%
Antimony ore	3,935	60.2	1,029	23.7	-73.86%	-60.62%
Copper	101	0.9	1,258	3.5	1141.85%	309.75%
Lead ore	83	7.9	51	20.2	-38.71%	156.52%
Tin ore	8,097	2,879.5	12,754	3,686.4	57.51%	28.02%
Zinc ore	2,300	8.8	1,669	5.1	-27.40%	-42.39%
Total		3,154.3		3,853.6		22.17%
%		6.14		8.79		43.09%
Precious Metals and Precious Stone						
Emery	3,544	36.1	4,883	47.4	37.78%	31.23%
Silver ore	-	-	5.9	0.5	-	-
Total		36.1		47.9		32.52%
%		0.07		0.11		55.21%
Light Metals and Rare Earth						
ilmenite ore	60	2.4	72	3.2	20.00%	37.98%
Niobium and Vanadium ore	17,202	1,129.9	35,376	612.8	105.65%	-45.76%
Tantalite	452	641.2	269	377.6	-40.49%	-41.11%
Thorium ore	-	-	-	-	-	-
Titanium ore						
- Rutile	3,446	145.9	3,745	172.7	8.68%	18.32%
- Leucoxene	4,660	179.7	301	12.1	-93.54%	-93.28%
- Ilmenite	660	9.1	421	5.0	-36.22%	-45.40%
- Other Titanium ore	864	43.3	152	6.7	-82.41%	-84.43%
Zirconium ore	5,097	261.8	6,323	277.5	24.06%	6.02%
Total		2,413.3		1,467.7		-39.18%
%		4.70		3.35		-28.77%
Cement Industrial Minerals						
Anhydrite	0	0.0	-	-	-	-
Gypsum	298	5.5	236	5.0	-21.01%	-8.18%
Limestone	998	8.9	1,339	14.4	34.19%	61.46%
Total		14.4		19.4		34.63%
%		0.03		0.04		57.68%

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Ceramic Industrial Minerals						
Andalusite, Kyannite and Sillimanite	3,122	34.6	2,081	24.4	-33.37%	-29.40%
Attapulgite	28	0.4	-	-	-	-
Ball Clay	22,210	140.6	17,105	96.9	-22.99%	-31.08%
Dolomite	1,100	13.9	970	15.9	-11.80%	14.02%
Kaolin						
- Ceramic	20,290	127.7	20,877	129.1	2.90%	1.11%
- Paper	3,810	37.6	7,488	69.3	96.53%	84.33%
- Others	58,623	497.0	37,207	380.6	-36.53%	-23.42%
Lucite, Nepheline and Nepheline Syenite	411	11.3	405	10.9	-1.55%	-3.26%
Mullite	1,721	28.8	1,079	16.5	-37.26%	-42.82%
Quartz	13,849	96.7	14,493	115.8	4.65%	19.69%
Silica sand	108,093	325.2	74,506	269.5	-31.07%	-17.11%
Total		1,313.8		1,128.9		-14.07%
%		2.56		2.574204569		0.64%
Dimension Stone						
Ecaussine	-	-	-	-	-	-
Granite	108,137	290.1	56,604.6	191.0	-47.65%	-34.17%
Marble	33,710	441.3	17,598	251.8	-47.80%	-42.94%
Sandstone	8,044	11.3	1,744	3.5	-78.32%	-69.28%
Serpentine	27	0.1	211	2.5	681.68%	2194.34%
Slate	52	0.5	49	0.7	-6.03%	50.84%
Total		743.3		449.5		-39.53%
%		1.45		1.03		-29.17%
Industrial Rock						
Basalt	108,885	95.5	22,028	90.1	-79.77%	-5.71%
Flint	386,182	95.4	288,262	55.8	-25.36%	-41.47%
Pumice stone	4,145	35.5	5,230	37.5	26.16%	5.60%
Vermiculite, Perlite and Chlorites	2,823	27.8	2,895	33.5	2.56%	20.68%
Total		254.2		216.9		-14.67%
%		0.49		0.49		-0.06%
Other Industrial Minerals						
Apatite (ground)	545	2.9	2,130	6.6	290.82%	124.52%
Asbestos	30,645	399.8	30,378	399.0	-0.87%	-0.19%
Barite	101,217	199.3	61,890	130.1	-38.85%	-34.69%
Bentonite	101,016	552.7	97,545	529.4	-3.44%	-4.22%
Calcite	-	-	47	0.0	-	-
Chalk	22	0.4	21	0.3	-4.74%	-24.43%
Epsomite	39	0.4	77	0.8	100.13%	108.87%
Fireclay	1,053	10.7	594	8.7	-43.59%	-18.27%
Fluorite	10,104	33.8	7,331	25.2	-27.44%	-25.46%
Graphite	5,618	115.3	5,480	77.5	-2.47%	-32.75%
Kieserite	1,531	8.0	3,941	17.7	157.42%	121.40%
Magnesite	2,149	28.2	889	10.6	-58.65%	-62.54%
Mica	4,553	123.6	3,707	93.7	-18.58%	-24.16%
Orpiment	951	6.0	688	5.1	-27.68%	-14.80%
Phosphate						
- Ground	-	-	-	-	-	-
- Unground	1.3	0.5	0.8	0.8	-37.64%	49.40%
Potash	-	0.0	-	-	-	-
Pyrophyllite	20	0.1	80	0.5	300.00%	284.43%
Rock salt	539	4.1	266	1.9	-50.71%	-54.16%
Steatite	618	9.3	582	8.3	-5.94%	-10.97%
Sulphur	45,617	242.7	73,949	234.8	62.11%	-3.23%
Talc	114,808	1,291.4	86,905	843.8	-24.30%	-34.66%
Witherite	100	1.7	50	0.7	-50.00%	-57.42%
Total		3,030.9		2,395.6		-20.96%
%		5.90		5.46		-7.43%
Total		51,361.8		43,853.8		-14.62%

0* denoting the amount of less than 0.1 metric tonnes

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