

Mineral Import of Thailand 2019 - 2020

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

Quantity : Tonnes Value : Million Baht

Mineral	2019		2020		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Aluminium ore	20,453	248.7	14,911	173.2	-27.10%	-30.35%
Andalusite, Kyannite and Sillimanite	4,402	48.9	2,566	30.3	-41.72%	-37.97%
Anhydrite	0	0.053	1	0.0	2531.58%	-81.19%
Anthracite	125,723	566.5	153,844	578.6	22.37%	2.13%
Antimony ore	3,989	60.5	1,361	52.8	-65.87%	-12.70%
Apatite (ground)	875	3.9	3,321	9.8	279.43%	153.10%
Asbestos	40,171	512.2	35,072	457.7	-12.69%	-10.66%
Attapulgit	32	0.5	-	-	-	-
Ball Clay	27,961	175.0	22,273	126.6	-20.34%	-27.63%
Barite	161,560	274.1	128,380	221.7	-20.54%	-19.11%
Basalt	131,889	131.9	28,604	119.0	-78.31%	-9.78%
Bentonite	137,667	763.2	122,247	683.7	-11.20%	-10.42%
Bituminous coal	8,146,105	21,748.6	8,201,652	19,369.4	0.68%	-10.94%
Calcite	1	0.0	47	0.0	4580.00%	3954.05%
Chalk	45	0.8	58	0.9	28.87%	18.63%
Chromite ore	1,289	19.8	1,583	16.3	22.74%	-17.78%
Coal Solid Fuels from Coal	13,009,892	22,297.6	15,378,874	21,537.8	18.21%	-3.41%
Cobalt ore	0	0.3	0	0.2	-4.06%	-38.75%
Coke	19,205	330.0	17,307	234.8	-9.88%	-28.86%
Columbite	357	167.4	216	70.7	-39.46%	-57.81%
Copper	142	1.2	3,403	11.4	2290.87%	862.43%
Dolomite	1,349	18.4	1,232	19.5	-8.70%	6.03%
Ecaussine	-	-	-	-	-	-
Emery	5,427	53.1	5,733	57.9	5.65%	9.12%
Epsomite	58	0.5	77	0.8	33.15%	39.08%
Fireclay	1,248	12.8	836	11.9	-33.04%	-7.09%
Flint	484,595	115.5	330,123	65.7	-31.88%	-43.10%
Fluorite	11,658	45.5	9,325	34.5	-20.02%	-24.10%
Granite	133,251	366.4	64,418	229.9	-51.66%	-37.25%
Graphite	6,626	147.2	6,509	102.2	-1.77%	-30.54%
Gypsum	340	6.6	288	5.9	-15.14%	-10.65%
Ilmenite ore	120	4.8	72	3.2	-40.05%	-32.76%
Iron Pyrites	1,647	11.8	835	7.0	-49.29%	-40.60%
Kaolin						
- Ceramic	28,916	176.0	27,496	170.5	-4.91%	-3.17%
- Paper	5,818	58.2	9,597	89.7	64.96%	54.09%
- Others	79,004	669.9	52,514	520.6	-33.53%	-22.30%
Kieserite	3,082	17.9	3,956	17.8	28.36%	-0.65%
Lead ore	98	11.0	96	42.7	-2.56%	288.99%
Lignite	382,846	347.2	147,806	132.3	-61.39%	-61.90%
Limestone	1,527	14.2	1,807	20.4	18.30%	43.16%
Lucite, Nepheline and Nepheline Syenite	537	14.5	464	12.5	-13.48%	-13.59%
Magnesite	2,346	31.1	1,559	16.7	-33.54%	-46.42%
Manganese ore	135,616	203.8	73,199	117.8	-46.02%	-42.21%
Marble	45,128	598.7	22,066	319.7	-51.10%	-46.61%
Mica	5,835	150.7	5,118	130.1	-12.28%	-13.68%
Molybdenite ore	14,946	2,562.5	9,247	1,330.7	-38.13%	-48.07%
Mullite	2,040	34.0	1,727	27.1	-15.34%	-20.44%
Nickel ore	135	2.9	4	2.0	-97.29%	-31.74%
Niobium and Vanadium ore	22,344	1,242.7	61,478	1,148.9	175.15%	-7.55%
Orpiment	1,136	7.2	1,023	7.6	-9.91%	5.27%
Peat	18,164	132.8	20,748	161.0	14.23%	21.25%
Phosphate						
- Ground	-	-	-	-	-	-
- Unground	1	0.5	1	0.8	-35.84%	48.75%
Potash	-	0.0	-	-	-	-
Pumice stone	5,699	48.7	7,167	53.3	25.77%	9.46%
Pyrophyllite	20	0.1	120	0.8	500.00%	472.97%
Quartz	18,576	130.2	19,855	155.2	6.89%	19.22%
Rock salt	963	7.2	414	3.1	-57.02%	-56.99%
Sandstone	8,097	12.5	1,882	5.6	-76.76%	-55.59%
Serpentine	27	0.1	404	5.1	-	-
Silica sand	150,830	446.1	86,004	340.0	-42.98%	-23.77%
Silver ore	-	-	9	0.7	-	-
Slate	132	1.5	76	1.0	-42.74%	-31.18%
Steatite	855	12.7	756	11.0	-11.63%	-13.93%
Sulphur	70,509	338.1	118,976	399.8	68.74%	18.23%
Talc	145,985	1,627.7	119,903	1,219.7	-17.87%	-25.07%
Tantalite	495	695.6	550	691.5	11.20%	-0.59%
Thorium ore	-	-	-	-	-	-
Tin ore	10,559	3,586.3	16,136	4,782.2	52.82%	33.35%
Titanium ore						
- Rutile	4,937	210.5	4,687	214.6	-5.06%	1.94%
- Leucocoxene	5,760	225.4	401	16.1	-93.04%	-92.85%
- Ilmenite	1,400	17.7	421	5.0	-69.93%	-71.86%
- Other Titanium ore	864	43.3	304	13.5	-64.79%	-68.94%
Tungsten (other)	-	-	-	-	-	-
Vermiculite, Perlite and Chlorites	3,736	37.1	3,957	44.3	5.92%	19.31%
Witherite	125	2.1	50	0.7	-60.00%	-64.41%
Zinc ore	3,414	12.6	3,265	12.1	-4.35%	-4.68%
Zirconium ore	6,416	324.4	8,368	366.6	30.41%	13.02%
Total		62,189.9		56,843.7		-8.60%

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	13,009,892	22,297.6	15,378,874	21,537.8	18.21%	-3.41%
Bituminous coal	8,146,105	21,748.6	8,201,652	19,369.4	0.68%	-10.94%
Tin ore	10,559	3,586.3	16,136	4,782.2	52.82%	33.35%
Molybdenite ore	14,946	2,562.5	9,247	1,330.7	-38.13%	-48.07%
Talc	145,985	1,627.7	119,903	1,219.7	-17.87%	-25.07%
Niobium and Vanadium ore	22,344	1,242.7	61,478	1,148.9	175.15%	-7.55%
Kaolin						
- Ceramic	28,916	176.0	27,496	170.5	-4.91%	-3.17%
- Paper	5,818	58.2	9,597	89.7	64.96%	54.09%
- Others	79,004	669.9	52,514	520.6	-33.53%	-22.30%
Tantalite	495	695.6	550	691.5	11.20%	-0.59%
Bentonite	137,667	763.2	122,247	683.7	-11.20%	-10.42%
Anthracite	125,723	566.5	153,844	578.6	22.37%	2.13%
Asbestos	40,171	512.2	35,072	457.7	-12.69%	-10.66%
Sulphur	70,509	338.1	118,976	399.8	68.74%	18.23%
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Marble	45,128	598.7	22,066	319.7	-51.10%	-46.61%
Titanium ore						
- Rutile	4,937	210.5	4,687	214.6	-5.06%	1.94%
- Leucocoxene	5,760	225.4	401	16.1	-93.04%	-92.85%
- Ilmenite	1,400	17.7	421	5.0	-69.93%	-71.86%
- Other Titanium ore	864	43.3	304	13.5	-64.79%	-68.94%
Coke	19,205	330.0	17,307	234.8	-9.88%	-28.86%
Granite	133,251	366.4	64,418	229.9	-51.66%	-37.25%
Barite	161,560	274.1	128,380	221.7	-20.54%	-19.11%
Aluminium ore	20,453	248.7	14,911	173.2	-27.10%	-30.35%
Peat	18,164	132.8	20,748	161.0	14.23%	21.25%
Quartz	18,576	130.2	19,855	155.2	6.89%	19.22%
Lignite	382,846	347.2	147,806	132.3	-61.39%	-61.90%
Mica	5,835	150.7	5,118	130.1	-12.28%	-13.68%
Ball Clay	27,961	175.0	22,273	126.6	-20.34%	-27.63%
Basalt	131,889	131.9	28,604	119.0	-78.31%	-9.78%
Manganese ore	135,616	203.8	73,199	117.8	-46.02%	-42.21%
Graphite	6,626	147.2	6,509	102.2	-1.77%	-30.54%
Columbite	357	167.4	216	70.7	-39.46%	-57.81%
Flint	484,595	115.5	330,123	65.7	-31.88%	-43.10%
Emery	5,427	53.1	5,733	57.9	5.65%	9.12%
Pumice stone	5,699	48.7	7,167	53.3	25.77%	9.46%
Antimony ore	3,989	60.5	1,361	52.8	-65.87%	-12.70%
Vermiculite, Perlite and Chlorites	3,736	37.1	3,957	44.3	5.92%	19.31%
Lead ore	98	11.0	96	42.7	-2.56%	288.99%
Fluorite	11,658	45.5	9,325	34.5	-20.02%	-24.10%
Andalusite, Kyannite and Sillimanite	4,402	48.9	2,566	30.3	-41.72%	-37.97%
Mullite	2,040	34.0	1,727	27.1	-15.34%	-20.44%
Limestone	1,527	14.2	1,807	20.4	18.30%	43.16%
Dolomite	1,349	18.4	1,232	19.5	-8.70%	6.03%
Kieserite	3,082	17.9	3,956	17.8	28.36%	-0.65%
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Zinc ore	3,414	12.6	3,265	12.1	-	-
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Copper	142	1.2	3,403	11.4	2290.87%	862.43%
Steatite	855	12.7	756	11.0	-11.63%	-13.93%
Apatite (ground)	875	3.9	3,321	9.8	279.43%	153.10%
Orpiment	1,136	7.2	1,023	7.6	-9.91%	5.27%
Iron Pyrites	1,647	11.8	835	7.0	-49.29%	-40.60%
Gypsum	340	6.6	288	5.9	-15.14%	-10.65%
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Serpentine	27	0.1	404	5.1	-	-
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Rock salt	963	7.2	414	3.1	-	-
Nickel ore	135	2.9	4	2.0	-97.29%	-31.74%
Slate	132	1.5	76	1.0	-42.74%	-31.18%
Chalk	45	0.8	58	0.9	28.87%	18.63%
Phosphate						
- Ground	-	-	-	-	-	-
- Unground	1	0.5	1	0.8	-35.84%	48.75%
Pyrophyllite	20	0.1	120	0.8	500.00%	472.97%
Epsomite	58	0.5	77	0.8	33.15%	39.08%
Witherite	125	2.1	50	0.7	-60.00%	-64.41%
Silver ore	0	-	9	0.7	-	-
Cobalt ore	0	0.3	0	0.2	-4.06%	-38.75%
Calcite	1	0.0	47	0.0	4580.00%	3954.05%
Anhydrite	0	0.1	1	0.0	2531.58%	-81.19%
Attapulgitite	32	0.5	-	-	-	-
Tungsten (other)	-	-	-	-	-	-
Thorium ore	-	-	-	-	-	-
Ecaussine	-	-	-	-	-	-
Potash	-	0.0	-	-	-	-
Total		62,189.9		56,843.7		-8.60%

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Mineral Import of Thailand 2019 - 2020 by Group

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Value : Million Baht

Mineral	2019		2020		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Mineral Fuels and Energy						
Anthracite	125,723	566.5	153,844	578.6	22.37%	2.13%
Bituminous coal	8,146,105	21,748.6	8,201,652	19,369.4	0.68%	-10.94%
Coal Solid Fuels from Coal	13,009,892	22,297.6	15,378,874	21,537.8	18.21%	-3.41%
Coke	19,205	330.0	17,307	234.8	-9.88%	-28.86%
Lignite	382,846	347.2	147,806	132.3	-61.39%	-61.90%
Peat	18,164	132.8	20,748	161.0	14.23%	21.25%
Total		45,422.7		42,013.8		-7.50%
%		73.04		73.91		1.19%
Iron and Ferro Alloy						
Chromite ore	1,289	19.8	1,583	16.3	22.74%	-17.78%
Cobalt ore	0	0.3	0	0.2	-4.06%	-38.75%
Columbite	357	167.4	216	70.7	-39.46%	-57.81%
Iron Pyrites	1,647	11.8	835	7.0	-49.29%	-40.60%
Manganese ore	135,616	203.8	73,199	117.8	-46.02%	-42.21%
Molybdenite ore	14,946	2,562.5	9,247	1,330.7	-38.13%	-48.07%
Nickel ore	135	2.9	4	2.0	-97.29%	-31.74%
Tungsten (other)	-	-	-	-	-	-
Total		2,968.7		1,544.6		-47.97%
%		4.77		2.72		-43.08%
Base Metals						
Aluminium ore	20,453	248.7	14,911	173.2	-27.10%	-30.35%
Antimony ore	3,989	60.5	1,361	52.8	-65.87%	-12.70%
Copper	142	1.2	3,403	11.4	2290.87%	862.43%
Lead ore	98	11.0	96	42.7	-2.56%	288.99%
Tin ore	10,559	3,586.3	16,136	4,782.2	52.82%	33.35%
Zinc ore	3,414	12.6	3,265	12.1	-4.35%	-4.68%
Total		3,920.2		5,074.3		29.44%
%		6.30		8.93		41.61%
Precious Metals and Precious Stone						
Emery	5,427	53.1	5,733	57.9	5.65%	9.12%
Silver ore	-	-	9	0.7	-	-
Total		53.1		58.6		10.42%
%		0.09		0.10		20.80%
Light Metals and Rare Earth						
ilmenite ore	120	4.8	72	3.2	-40.05%	-32.76%
Niobium and Vanadium ore	22,344	1,242.7	61,478	1,148.9	175.15%	-7.55%
Tantalite	495	695.6	550	691.5	11.20%	-0.59%
Thorium ore	-	-	-	-	-	-
Titanium ore						
- Rutile	4,937	210.5	4,687	214.6	-5.06%	1.94%
- Leucoxene	5,760	225.4	401	16.1	-93.04%	-92.85%
- Ilmenite	1,400	17.7	421	5.0	-69.93%	-71.86%
- Other Titanium ore	864	43.3	304	13.5	-64.79%	-68.94%
Zirconium ore	6,416	324.4	8,368	366.6	30.41%	13.02%
Total		2,764.5		2,459.4		-11.04%
%		4.45		4.33		-2.67%
Cement Industrial Minerals						
Anhydrite	0	0.1	1	0.0	2531.58%	-81.19%
Gypsum	340	6.6	288	5.9	-15.14%	-10.65%
Limestone	1,527	14.2	1,807	20.4	18.30%	43.16%
Total		20.8		26.2		25.88%
%		0.03		0.05		37.72%

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Ceramic Industrial Minerals						
Andalusite, Kyannite and Sillimanite	4,402	48.9	2,566	30.3	-41.72%	-37.97%
Attapulgit	32	0.5	-	-	-100.00%	-100.00%
Ball Clay	27,961	175.0	22,273	126.6	-20.34%	-27.63%
Dolomite	1,349	18.4	1,232	19.5	-8.70%	6.03%
Kaolin						
- Ceramic	28,916	176.0	27,496	170.5	-4.91%	-3.17%
- Paper	5,818	58.2	9,597	89.7	64.96%	54.09%
- Others	79,004	669.9	52,514	520.6	-33.53%	-22.30%
Lucite, Nepheline and Nepheline Syenite	537	14.5	464	12.5	-13.48%	-13.59%
Mullite	2,040	34.0	1,727	27.1	-15.34%	-20.44%
Quartz	18,576	130.2	19,855	155.2	6.89%	19.22%
Silica sand	150,830	446.1	86,004	340.0	-42.98%	-23.77%
Total		1,771.7		1,492.0		-15.79%
%		2.85		2.62		-7.87%
Dimension Stone						
Ecaussine	-	-	-	-	-	-
Granite	133,251	366.4	64,418	229.91	-51.66%	-37.25%
Marble	45,128	598.7	22,066	319.7	-51.10%	-46.61%
Sandstone	8,097	12.5	1,882	5.6	-76.76%	-55.59%
Serpentine	27	0	404	5	-	-
Slate	132	1.5	76	1.0	-42.74%	-31.18%
Total		979.2		561.2		-42.69%
%		1.57		0.99		-37.30%
Industrial Rock						
Basalt	131,889	131.9	28,604	119.0	-78.31%	-9.78%
Flint	484,595	115.5	330,123	65.7	-31.88%	-43.10%
Pumice stone	5,699	48.7	7,167	53.3	25.77%	9.46%
Vermiculite, Perlite and Chlorites	3,736	37.1	3,957	44.3	5.92%	19.31%
Total		333.2		282.3		-15.28%
%		0.54		0.50		-7.32%
Other Industrial Minerals						
Apatite (ground)	875	3.9	3,321	9.8	279.43%	153.10%
Asbestos	40,171	512.2	35,072	457.7	-12.69%	-10.66%
Barite	161,560	274.1	128,380	221.7	-20.54%	-19.11%
Bentonite	137,667	763.2	122,247	683.7	-11.20%	-10.42%
Calcite	1	0.0	47	0.0	4580.00%	3954.05%
Chalk	45	0.8	58	0.9	28.87%	18.63%
Epsomite	58	0.5	77	0.8	33.15%	39.08%
Fireclay	1,248	12.8	836	11.9	-33.04%	-7.09%
Fluorite	11,658	45.5	9,325	34.5	-20.02%	-24.10%
Kieserite	3,082	17.9	3,956	17.8	28.36%	-0.65%
Graphite	6,626	147.2	6,509	102.2	-1.77%	-30.54%
Magnesite	2,346	31.1	1,559	16.7	-33.54%	-46.42%
Mica	5,835	150.7	5,118	130.1	-12.28%	-13.68%
Orpiment	1,136	7.2	1,023	7.6	-9.91%	5.27%
Phosphate						
- Ground	-	-	-	-	-	-
- Unground	1	0.5	1	0.8	-35.84%	48.75%
Potash	-	0.0	-	-	-	-
Pyrophyllite	20	0.1	120	0.8	500.00%	472.97%
Rock salt	963	7	414	3	-	-
Steatite	855	12.7	756	11.0	-11.63%	-13.93%
Sulphur	70,509	338.1	118,976	399.8	68.74%	18.23%
Talc	145,985	1,627.7	119,903	1,219.7	-17.87%	-25.07%
Witherite	125	2.1	50	0.7	-60.00%	-64.41%
Total		3,955.7		3,331.2		-15.79%
%		6.36		5.86		-7.87%
Total		62,189.9		56,843.7		-8.60%

0* denoting the amount of less than 0.1 metric tonnes

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