

Mineral Production of Thailand 2014-2015

Quantity : Tonnes
Value : Million Baht

Mineral	2014 (Jan. - Mar.)		2015 ^P (Jan. - Mar.)	
	Quantity	Value	Quantity	Value
Limestone				
- Industrial rock-cement	17,620,063	2,114.4	18,858,218	2,262.9
- Industrial rock-construction	21,655,345	2,273.8	17,950,238	1,884.8
- Industrial rock-others	1,531,464	183.8	1,620,372	194.4
Lignite	4,121,745	3,956.9	3,826,013	3,672.9
Gypsum (unground)	3,265,917	1,825.6	2,956,212	1,776.7
Zinc ore	47,731	659.8	59,949	843.3
Basalt (industrial rock)	4,069,975	549.5	2,824,646	381.3
Rock salt	339,795	373.8	220,092	242.1
Dolomite	633,336	221.7	566,432	198.3
Feldspar				
- Sodium (unground)	335,203	234.6	280,466	196.3
- Potassium (unground)	1,020	1.7	900	1.5
Shale (industrial rock-cement)	1,169,496	146.2	1,476,655	184.6
Cement Clay	1,051,851	94.7	1,004,109	90.4
Ceramic Clay	125,285	68.9	113,561	62.5
Granite				
- Industrial rock	1,560,277	210.6	997,350	134.6
- Dimension stone*	543.6	3.2	1,235.7	7.1
Barite				
- Drilling mud (ground)	7,919	30.9	30,950	120.6
- Chemical grade (ground)	1,014	5.9	1,090	6.4
- Unground	66,711	99.1	754	1.1
Anhydrite	315,260	176.0	200,100	120.3
Marble				
- Fragment*	118,131	38.4	276,029	89.7
- Dimension stone*	2,344	9.1	3,085	24.5
Glass sand	150,130	52.6	258,235	90.4
Kaolin				
- Unwashed	242,424	93.3	153,980	59.3
- Washed	28,756	27.6	13,788	13.2
Calcite	233,643	46.0	179,535	35.4
Iron ore	140,144	336.4	16,056	29.6
Andesite (industrial rock)	261,548	35.3	212,815	28.7
Graywacke (industrial rock-others)	218,290	22.9	268,432	28.2
Quartz (unground)	12,400	9.3	29,200	21.9
Ball clay	38,510	21.2	36,755	20.2
Rhyolite (industrial rock)	236,026	24.8	123,068	12.9
Tin concentrates	27	14.1	22	9.8
Sandstone (industrial rock)	66,639	6.7	96,321	9.6
Others		1,561.8		19.7
Total		15,530.6		12,875.2

Remark : * Quantity : Cubic metre, P=Primary data (not include Gold and Silver metal in 2015 due to data analysis)

Mineral Exports of Thailand 2014-2015

Quantity : Tonnes
Value : Million Baht

Mineral	2014 (Jan. - Mar.)		2015 ^P (Jan. - Mar.)	
	Quantity	Value	Quantity	Value
Gypsum				
- Unground	2,588,687	1,454.4	2,375,091	1,461.2
- Ground	1,096	3.8	140	0.4
Tin				
- Tin metal	4,237	3,179.8	5,099	1,097.7
- Tin-lead alloy	-	-	250	0.1
Anhydrite	325,520	184.2	222,445	134.3
Feldspar sodium (ground)	203,206	179.9	175,311	128.8
Dolomite				
- Unground	217,768	78.8	326,549	114.3
- Ground	25	0.2	-	-
Manganese (metallurgical grade)	5,126	19.3	64,486	86.3
Limestone				
- Industrial rock-construction	218,245	79.6	178,773	75.2
- Industrial rock-others	600	1.1	30	0.1
Barite chemical grade (ground)	1,644	12.6	2,270	44.5
Fluorite				
- Metallurgical grade	-	-	7,675	41.3
- Metallurgical grade-ground	600	3.2	115	0.6
- Metallurgical grade-unground	800	4.3	-	-
Zircon	744	17.5	1,302	36.4
Granite (industrial rock)	136,600	36.0	108,600	32.4
Antimony ore	2,359	78.8	733	29.6
Ball clay	5,686	24.6	5,986	25.9
Leucoxene	426	10.9	575	14.0
Struverite	-	-	64	12.6
Pyrophyllite	1,120	3.7	580	2.0
Kaolin (washed)	2,367	13.2	1,974	10.6
Tungsten Scheelite	20	2.0	18	10.5
Zinc metal	83	5.8	104	7.4
Others		1,598.1		11.1
Total		6,991.8		3,377.3

Remark : P=Primary data (not include Gold and Silver metal in 2015 due to data analysis)

Values of mineral *Production* in the first quarter of 2015 is 12,875.2 million baht, decreasing from the same period of 2014 by 8.42% (% not include gold and silver metal)

Values of mineral *Exports* in the first quarter of 2015 is 3,377.3 million baht, decreasing from the same period of 2014 by 38.91% (% not include gold and silver metal)

Values of mineral *Consumption* in the first quarter of 2015 is 11,777.7 million baht, decreasing from the same period of 2014 by 1,122.8 million baht or 8.70%

Values of mineral *Import* in the first quarter of 2015 is 15,342.5 million baht, increasing from the same period of 2014 by 519.2 million baht or 3.50%

Mineral Consumption of Thailand 2014-2015

Quantity : Tonnes
Value : Million Baht

Mineral	2014 (Jan. - Mar.)		2015 ^P (Jan. - Mar.)	
	Quantity	Value	Quantity	Value
Limestone				
- Industrial rock-construction	21,114,181	2,216.9	19,140,763	2,009.8
- Industrial rock-cement	18,075,156	2,169.0	16,701,336	2,004.2
- Industrial rock-others	1,545,352	185.4	1,387,253	166.5
Lignite	4,245,289	4,075.5	3,867,519	3,712.8
Zinc				
- Zinc alloy	6,601	500.1	7,024	560.2
- Zinc metal	7,261	495.6	5,546	401.8
Tin metal	745	549.1	915	548.5
Gypsum (unground)	998,253	557.9	854,520	513.6
Basalt (industrial rock)	3,931,183	530.7	2,794,728	377.3
Rock salt	355,710	391.3	233,105	256.4
Shale (industrial rock-cement)	1,239,480	154.9	1,416,910	177.1
Granite				
- Industrial rock	1,664,891	224.8	1,022,599	138.1
- Dimension stone*	799	4.7	811	4.6
Barite				
- Drilling mud (ground)	7,919	30.8	31,010	120.8
- Unground	-	-	3,000	4.5
Marble				
- Fragment*	121,161	39.4	276,029	89.7
- Dimension stone*	2,588	10.1	4,400	34.9
Cement clay (industrial rock)	1,071,851	96.5	1,066,037	95.9
Dolomite	358,421	125.4	257,126	90.0
Glass sand	280,072	98.0	231,545	81.0
Kaolin				
- Unwashed	150,896	58.1	124,728	48.0
- Washed	34,439	33.1	28,583	27.4
Feldspar				
- Potassium (unground)	2,500	4.3	900	1.5
- Sodium (ground)	48,843	68.4	29,750	41.7
- Sodium (unground)	72,365	50.7	37,612	26.3
Ceramic clay (industrial rock)	15,285	8.4	98,925	54.4
Ball clay	69,034	37.9	69,886	38.4
Calcite	212,479	41.9	179,633	35.4
Andesite (industrial rock)	252,366	34.1	206,722	27.9
Graywacke(industrial rock-others)	241,028	25.3	244,997	25.7
Quartz (unground)	40,550	30.4	29,340	22.0
Rhyolite (industrial rock)	198,408	20.8	194,331	20.4
Sand stone (industrial rock)	76,350	7.6	97,638	9.8
Others		23.4		11.1
Total		12,900.5		11,777.7

Remark : * Quantity : Cubic metre, P=Primary data

Mineral Royalty Revenues of Thailand 2014-2015

Value : Million Baht

Mineral	2014 (Jan-Mar)	2015 ^P (Jan-Mar)	% change
Limestone			
- Industrial rock-cement	173.36	128.25	-26.02%
- Industrial rock-construction	95.27	98.42	3.31%
- Industrial rock-others	9.07	10.72	18.19%
Lignite	163.02	148.00	-9.21%
Gypsum (unground)	81.78	80.55	-1.50%
Rock salt	15.18	15.84	4.35%
Basalt (industrial rock)	23.04	15.06	-34.64%
Zinc metal	8.93	11.71	31.13%
Granite			
- Dimension stone	0.39	0.39	-
- Industrial rock	10.19	10.28	0.88%
Shale (industrial rock-cement)	12.79	10.39	-18.76%
Dolomite	10.35	9.97	-3.67%
Feldspar			
- Potassium (ground)	0.02	0.04	100.00%
- Potassium (unground)	0.17	0.06	
- Sodium (ground)	3.03	1.76	-41.91%
- Sodium (unground)	5.77	7.19	24.61%
Anhydrite	8.99	6.22	-30.81%
Cement Clay	4.54	4.96	9.25%
Fluorite	5.29	3.60	-31.95%
Glass sand	3.67	3.53	-3.81%
Kaolin			
- Unwashed	2.31	2.00	-13.42%
- Washed	1.35	1.18	-12.59%
- Filler	0.22	0.30	36.36%
Marble			
- Dimension stone	0.40	0.74	85.00%
- Fragment	1.52	2.50	64.47%
Barite			
- Drilling mud (ground)	0.69	2.53	266.67%
- Chemical grade (ground)	0.12	0.14	16.67%
- Unground	5.91	0.31	-94.75%
Calcite	1.68	2.30	36.90%
Ceramic Clay	0.45	2.12	371.11%
Ball clay	2.12	1.63	-23.11%
Andesite (industrial rock)	1.47	1.30	-11.56%
Tin	1.00	1.24	24.00%
Others	137.6	4.3	-96.90%
Total	791.71	589.49	-25.54%

Remark : P=Primary data (not include Gold and Silver metal in 2015 due to data analysis)

Mineral Royalty Revenues in the first quarter of of 2015 is 589.49 million baht , decreasing from the same period of 2014 by 77.81 million baht or 11.66% (% not include gold and silver metal)

Mineral Import of Thailand 2014-2015

Quantity : Tonnes, Value : Million Baht

Mineral	2014 (Jan. - Mar.)		2015 (Jan. - Mar.)	
	Quantity	Value	Quantity	Value
Bituminous coal	2,537,143	7,172.2	2,347,150	5,652.8
Coal Solid Fuels from Coal	2,433,904	4,244.5	2,630,716	4,610.8
Zinc ore	12,205	252.2	26,137	605.5
Tin ore	736	336.2	1,444	494.9
Copper	1,422	6.8	8,867	448.2
Talc	33,267	406.1	33,166	413.8
Niobium and Vanadium ore	127	198.3	6,672	318.6
Tantalite	8	14.7	143	281.1
Molybdenite ore	2,922	229.5	3,705	279.1
Zirconium ore	7,151	120.5	12,937	204.3
Kaolin				
- Ceramic	3,246	37.9	51,669	32.9
- Paper	1,218	11.6	706	6.8
- Others	12,555	145.5	14,728	159.7
Sulphur	28,453	169.3	29,440	185.6
Bentonite	20,964	133.6	26,892	169.1
Antimony ore	2,182	67.9	2,433	161.9
Asbestos	9,371	149.9	8,115	147.2
Others		1,126.6		1,170.2
Total		14,823.3		15,342.5

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

Number of Workers Employed in Mines & Operating Mine

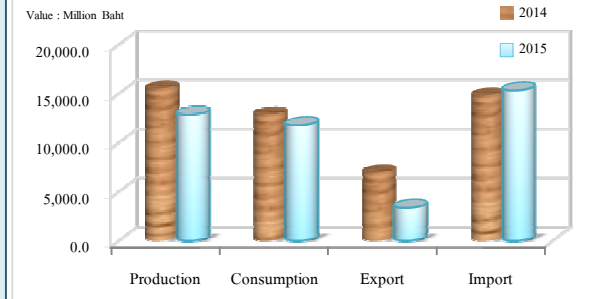
Mineral (Unit : Number)	March			
	Operating Mines		Workers	
	2014	2015 ^P	2014	2015 ^P
Limestone - Construction	193	154	3,863	3,352
- Cement industry	16	16	876	875
- Other industries	14	11	356	317
Lignite	6	5	1,940	1,688
Gypsum (unground)	46	45	875	901
Basalt (industrial rock)	30	26	598	678
Granite - Industrial rock	18	10	311	444
- Dimension stone	20	16	219	216
Iron ore	13	10	389	352
Ball clay	5	4	351	351
Cement clay	10	13	265	320
Marble	12	11	233	276
Feldspar	19	20	297	268
Dolomite	18	20	236	261
Tin ore	3	3	264	259
Others	119	89	2,380	1,662
Total	542	453	13,453	12,220

Remark : P=Primary data (not include Gold and Silver metal in 2015 due to data analysis)



Mineral Statistics of Thailand 2014 - 2015 (Jan. - Mar.)

Minerals Value of Thailand in 2014-2015
(First Quarter)



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