

Mineral Production of Thailand 2013-2014

Quantity : Tonnes
Value : Million Baht

Mineral	2013		2014 ^P	
	Quantity	Value	Quantity	Value
Limestone				
- Industrial rock-construction	86,749,513	9,108.7	81,398,317	8,546.8
- Industrial rock-cement	68,586,434	8,230.4	70,711,284	8,485.4
- Industrial rock-others	6,103,618	732.4	5,932,882	711.9
Lignite	18,110,763	17,386.3	17,991,362	17,271.7
Gypsum (unground)	12,382,648	6,358.7	12,356,000	7,150.7
Gold metal (unit : gram)	4,418,889	6,105.7	4,433,579	5,845.1
Zinc ore	172,578	2,080.2	226,893	3,312.5
Basalt (industrial rock)	10,873,590	1,467.9	14,469,210	1,953.3
Rock salt	1,300,156	1,430.2	1,381,067	1,519.2
Feldspar				
- Sodium (unground)	1,067,798	747.5	1,368,208	957.7
- Potassium (unground)	4,858	8.3	45,220	76.9
Granite				
- Industrial rock	7,068,234	954.2	7,275,007	982.1
- Dimension stone	2,950*	17.4	3,152*	18.6
Dolomite	2,487,135	870.5	2,436,706	852.8
Iron ore	389,620	907.3	347,918	739.7
Shale (industrial rock-cement)	4,307,440	538.4	5,408,521	676.1
Silver metal (unit : gram)	32,381,264	747.5	30,976,172	617.2
Anhydrite	1,264,077	648.7	953,420	551.5
Cement Clay	2,534,097	228.1	3,959,814	356.4
Ceramic Clay	77,358	42.6	312,963	172.1
Kaolin				
- Unwashed	631,133	243.0	755,913	291.0
- Washed	119,512	114.7	124,094	119.1
Barite				
- Drilling mud (ground)	40,693	158.5	48,540	189.1
- Unground	62,855	93.3	81,996	121.8
- Chemical grade (ground)	3,889	22.8	4,425	25.9
Glass sand	876,085	306.6	855,591	299.5
Marble				
- Fragment*	484,202	157	639,259	207.8
- Dimension stone*	8,167	32	12,104	47.2
Calcite	841,746	165.8	1,080,606	212.9
Graywacke (industrial rock-others)	861,450	90.5	1,054,821	110.8
Andesite (industrial rock)	1,109,138	149.7	671,627	90.7
Others		567.0		540.3
Total		60,712.2		63,053.8

Note : * Quantity : Cubic metre

P = Preliminary

Mineral Exports of Thailand 2013-2014

Quantity : Tonnes
Value : Million Baht

Mineral	2013		2014 ^P	
	Quantity	Value	Quantity	Value
Tin				
- Tin metal	19,721	13,483.4	13,890	9,150.4
- Hard head	45	16.1	158	53.3
- Final slag	40	8.0	113	18.5
- Tin-lead alloy	25	9.8	2	1.0
Gold metal (unit : gram)	4,396,092	6,076.8	4,433,579	5,865.8
Gypsum				
- Unground	8,186,862	4,342.0	9,041,755	5,092.7
- Ground	4,106	15.8	3,211	11.2
Feldspar - Sodium (ground)	735,693	596.0	883,072	770.5
Anhydrite	1,171,407	611.4	1,111,151	630.0
Silver metal (unit : gram)	32,378,984	775.5	30,627,265	609.5
Dolomite (unground)	866,630	292.5	1,247,850	469.9
Iron ore	296,662	597.8	167,355	312.7
Limestone (construction)	475,446	185.9	823,086	296.6
Zircon	8,681	277.8	10,738	273.7
Zinc metal	1,086	87.7	2,569	199.4
Ball clay	19,733	87.7	23,514	190.5
Monazite	210	9.3	3,150	147.2
Granite (industrial rock)	331,474	85.9	505,714	140.8
Antimony ore	6,145	147.4	3,536	107.4
Manganese (metallurgical grade)	10,640	31.6	30,368	96.1
Kaolin (washed)	11,489	53.1	13,312	69.8
Barite - Chemical grade (ground)	5,535	43.3	6,690	52.5
Leucocoxene	1,729	46.3	1,447	35.9
Fluorite				
- Metallurgical grade-ground	1,450	7.8	3,285	24.9
- Metallurgical grade-unground	1,120	6.0	1,590	10.5
Others		98.7		83.4
Total		27,993.6		24,714.2

Values of mineral *Production* in 2014 is 63,053.8 million baht, increasing from the same period of 2013 by 2,341.6 million baht or 3.86%

Values of mineral *Exports* in 2014 is 24,714.2 million baht, decreasing from the same period of 2013 by 3,279.4 million baht or 11.71%

Values of mineral *Consumption* in 2014 is 52,028.0 million baht, increasing from the same period of 2013 by 684.6 million baht or 1.33%

Values of mineral *Import* in 2014 is 63,383.4 million baht, increasing from the same period of 2013 by 7,935.0 million baht or 14.31%

Mineral Consumption of Thailand 2013-2014

Quantity : Tonnes
Value : Million Baht

Mineral	2013		2014 ^P	
	Quantity	Value	Quantity	Value
Lignite	18,926,159	18,169.1	18,457,189	17,718.9
Limestone				
- Industrial rock-construction	86,400,163	9,072.0	80,377,389	8,439.6
- Industrial rock-cement	65,731,000	7,887.7	66,287,764	7,954.5
- Industrial rock-others	5,816,898	698.0	6,262,694	751.5
Zinc				
- Zinc alloy	32,493	2,134.8	29,833	2,379.2
- Zinc metal	33,168	2,039.5	28,638	2,079.0
Tin metal	3,012	2,044.3	3,257	2,313.0
Gypsum (unground)	3,990,108	2,052.4	3,883,504	2,250.2
Basalt (industrial rock)	10,223,704	1,380.2	13,980,299	1,887.3
Rock salt	1,312,516	1,443.8	1,372,904	1,510.2
Granite				
- Industrial rock	7,601,333	1,026.2	5,970,650	806.0
- Dimension stone	4,210*	24.8	2,709*	16.0
Shale (industrial rock-cement)	4,028,571	503.6	5,313,821	664.2
Cement clay (industrial rock)	3,793,366	341.4	4,359,509	398.2
Ceramic clay (industrial rock)	138,723	76.3	220,093	121.1
Dolomite	1,163,580	407.3	1,319,185	461.7
Feldspar				
- Sodium (ground)	172,043	240.8	212,094	296.9
- Sodium (unground)	100,401	70.3	154,867	108.4
- Potassium (unground)	1,856	3.1	10,950	17.0
Kaolin				
- Unwashed	574,731	221.3	657,605	253.2
- Washed	143,966	128.7	144,738	138.9
Marble				
- Fragment*	484,188	157	621,327	201.9
- Dimension stone*	32,920	128	7,338	28.6
Glass sand	568,904	199.1	625,190	218.8
Barite - drilling mud (ground)	21,707	84.5	48,540	189.1
Calcite	839,246	165.3	890,610	175.5
Ball clay	328,729	180.8	295,379	162.5
Quartz				
- Unground	66,560	49.9	155,587	116.7
- Industrial rock	226,585	23.8	95,665	10.0
Grawacke(industrial rock-others)	769,942	80.8	1,018,120	106.9
Others		307.8		253.0
Total		51,343.4		52,028.0

Note : * Quantity : Cubic metre

P = Preliminary

Mineral Royalty Revenues of Thailand 2013-2014

Value : Million Baht

Mineral	2013	2014 ^P	% change
Limestone			
- Construction	386.79	380.27	-1.69%
- Cement industry	520.65	590.59	13.43%
- Other industries	30.12	36.42	20.92%
Lignite	726.75	708.76	-2.48%
Gold ore	518.73	477.04	-8.04%
Gypsum	255.42	296.90	16.24%
Silver ore	74.52	61.70	-17.20%
Rock salt	58.12	57.20	-1.58%
Zinc metal	32.31	54.95	70.07%
Shale (industrial rock-cement)	35.31	50.28	42.40%
Basalt (industrial rock)	62.09	43.35	-30.18%
Dolomite	32.50	42.78	31.63%
Granite			
- Industrial rock	45.68	38.80	24.36%
- Dimension stone	0.78	0.97	-15.06%
Feldspar			
- Sodium (unground)	20.93	24.00	15.36%
- Sodium (ground)	10.94	12.62	14.67%
Iron ore	22.90	24.90	8.73%
Anhydrite	20.34	24.73	21.58%
Fluorite (metallurgical grade)	8.36	18.40	120.10%
Kaolin			
- Unwashed	9.46	10.50	10.99%
- Washed	5.75	4.87	-15.30%
- Filler	1.27	0.87	-31.50%
Cement Clay	10.61	15.93	50.14%
Barite			
- Unground	6.06	6.01	-0.83%
- Drilling mud (ground)	1.94	4.20	116.49%
- Chemical grade (ground)	0.37	0.51	37.84%
Glass sand	9.16	9.61	4.91%
Marble			
- Fragment	6.89	6.88	-0.15%
- Dimension stone	1.17	1.87	59.83%
Calcite	7.10	7.91	11.36%
Others	41.61	42.72	2.68%
Total	2,964.63	3,056.54	3.10%

Note : P = Preliminary

Mineral Royalty Revenues in 2014 is 3,056.54 million baht,
decreasing from the same period of 2013 by 91.91 million baht or 3.10%

Mineral Import of Thailand 2013-2014

Quantity : Tonnes Value : Million Baht

Mineral	2013		2014	
	Quantity	Value	Quantity	Value
Bituminous coal	8,308,880	21,464.0	10,731,867	28,802.4
Coal Solid Fuels from Coal	9,559,821	19,086.6	9,931,740	17,664.0
Tin ore	648	280.4	5,851	2,385.5
Talc	143,049	1,751.1	137,228	1,662.8
Molybdenite ore	7,144	426.1	13,594	1,660.1
Niobium and Vanadium ore	12,810	1,656.3	14,050	1,084.7
Zinc ore	119,896	2,451.5	41,747	999.0
Kaolin				
- Ceramic	17,240	133.2	68,240	182.7
- Paper	3,166	29.6	7,486	74.7
- Others	69,061	639.9	66,833	697.6
Anthracite	101,683	570.0	184,231	833.9
Sulphur	137,587	685.0	115,426	715.5
Asbestos	53,130	826.9	42,625	684.0
Bentonite	103,228	639.3	101,284	665.3
Zirconium ore	35,696	506.8	51,545	629.1
Others		4,808.5		5,271.2
Total		55,448.4		63,383.4

Number of Workers Employed in Mines & Operating Mine

Unit : Number

Mineral	Operating Mines		Workers	
	2013	2014 ^P	2013	2014 ^P
Limestone				
- Construction	192	194	3,598	3,879
- Cement industry	14	16	1,114	874
- Other industries	13	15	308	354
Lignite	7	6	1,921	1,884
Gypsum	46	44	933	865
Basalt	26	32	544	686
Granite				
- Industrial rock	18	18	354	456
- Dimension stone	22	21	221	224
Gold metal	4	4	383	437
Iron ore	14	14	407	380
Ball Clay	6	5	354	351
Cement Clay	9	16	123	332
Kaolin	29	27	344	326
Marble	17	17	295	309
Others	130	128	2,546	2,498
Total	547	557	13,445	13,855



Mineral Statistics of Thailand 2013 - 2014

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