

Mineral Production of Thailand (Fiscal Year) 2013-2014

Quantity : Tonnes
Value : Million Baht

Mineral	2013		2014	
	Quantity	Value	Quantity	Value
Limestone				
- Industrial rock-construction	84,343,549	8,856.1	81,360,927	8,542.9
- Industrial rock-cement	70,226,971	8,427.2	69,399,057	8,327.9
- Industrial rock-others	5,834,592	700.2	6,303,017	756.4
Lignite	17,890,211	17,174.6	18,166,899	17,440.2
Gypsum (unground)	12,285,028	6,210.3	11,232,583	6,270.1
Gold metal (unit : gram)	4,357,989	6,427.0	4,291,068	5,704.9
Zinc ore	160,684	1,934.3	208,619	2,891.6
Basalt (industrial rock)	10,245,951	1,383.2	14,514,516	1,959.5
Rock salt	1,330,822	1,463.9	1,347,677	1,482.4
Iron ore	341,155	765.4	531,566	1,153.2
Feldspar				
- Sodium (unground)	1,021,380	714.9	1,308,415	915.9
- Potassium (unground)	5,207	8.8	44,210	75.2
Granite				
- Industrial rock	7,008,569	946.2	6,941,716	937.1
- Dimension stone	3,164*	17.8	3,579*	21.1
Dolomite	2,669,783	934.4	2,355,327	824.4
Silver metal (unit : gram)	31,020,967	799.9	31,909,416	667.9
Shale (industrial rock-cement)	4,709,158	588.6	5,007,991	626.0
Anhydrite	1,078,249	544.2	1,068,320	592.7
Cement Clay	2,343,018	210.8	3,642,420	327.8
Ceramic Clay	75,256	41.4	274,801	151.1
Kaolin				
- Unwashed	673,721	259.4	744,477	286.6
- Washed	148,111	142.2	137,626	132.1
Glass sand	697,312	244.1	962,576	336.9
Barite				
- Drilling mud (ground)	33,000	128.5	44,033	171.5
- Unground	57,645	85.6	88,206	131.0
- Chemical grade (ground)	3,943	23.1	4,526	26.5
Marble				
- Fragment	458,060*	148.8	497,253*	161.6
- Dimension stone	7,438*	28.7	10,493*	40.9
Calcite	798,231	157.3	972,299	191.5
Andesite (industrial rock)	1,055,522	142.5	858,095	115.8
Graywacke (industrial rock-others)	813,221	85.4	1,017,266	106.8
Others		977.4		760.7
Total		60,344.3		61,907.6

Note : * Quantity : Cubic metre

Mineral Exports of Thailand (Fiscal Year) 2013-2014

Quantity : Tonnes
Value : Million Baht

Mineral	2013		2014	
	Quantity	Value	Quantity	Value
Tin				
- Tin metal	22,600	15,249.1	14,432	9,675.3
- Hard head	114	44.7	124	40.9
- Final slag	76	11.5	116	19.4
Gold metal (unit : gram)	4,357,989	6,427.0	4,268,271	5,696.6
Gypsum				
- Unground	8,127,212	4,232.8	8,996,911	4,982.2
- Ground	3,794	16.0	3,477	11.2
Sodium Feldspar (ground)	762,485	618.3	884,525	764.3
Silver metal (unit : gram)	31,020,967	799.9	31,558,229	688.3
Anhydrite	985,310	506.4	1,157,348	642.4
Iron ore	261,511	523.2	227,299	447.4
Dolomite				
- Unground	920,100	297.9	1,163,200	424.5
- Ground	2,849	0.5	1,794	0.8
Zircon	7,317	264.9	12,231	314.8
Limestone				
- Industrial rock-construction	494,188	181.1	678,286	230.3
- Industrial rock-others	2,385	8.4	1,328	2.8
Ball clay	16,459	73.2	24,688	196.8
Zinc metal	1,379	103.3	2,456	162.7
Granite (industrial rock)	229,874	59.9	490,014	133.1
Antimony ore	6,106	142.9	3,915	118.7
Manganese (metallurgical grade)	9,807	33.4	30,803	95.6
Monazite	410	19.7	2,100	93.4
Kaolin (washed)	10,319	61.0	13,676	70.3
Barite (chemical grade-ground)	4,734	43.2	7,273	53.8
Phosphozelite	-	-	840	40.3
Others		754.4		1,105.6
Total		29,927.7		25,044.0

Values of mineral Production in the fiscal year of 2014 is 61,907.6 million baht, increasing from the same period of 2013 by 1,563.3 million baht or 2.59%

Values of mineral Exports in the fiscal year of 2014 is 25,044.0 million baht, decreasing from the same period of 2013 by 4,883.7 million baht or 16.32%

Values of mineral Consumption in the fiscal year of 2014 is 51,172.5 million baht, decreasing from the same period of 2013 by 157.2 million baht or 0.31%

Values of mineral Import in the fiscal year of 2014 is 63,942.5 million baht, increasing from the same period of 2013 by 10,175.5 million baht or 18.93%

Mineral Consumption of Thailand (Fiscal Year) 2013-2014

Quantity : Tonnes
Value : Million Baht

Mineral	2013		2014	
	Quantity	Value	Quantity	Value
Lignite	18,715,379	17,966.8	18,803,368	18,051.2
Limestone				
- Industrial rock-construction	85,434,669	8,970.6	80,123,844	8,413.0
- Industrial rock-cement	68,282,290	8,193.9	65,094,503	7,811.3
- Industrial rock-others	5,532,492	663.9	6,219,769	746.4
Zinc				
- Zinc alloy	34,497	2,261.3	30,288	2,278.4
- Zinc metal	34,955	2,149.8	29,491	2,007.5
Tin metal	2,994	1,987.0	3,167	2,309.8
Basalt (industrial rock)	9,949,238	1,343.2	13,725,785	1,852.9
Gypsum (unground)	3,921,183	1,981.4	3,025,918	1,665.9
Rock salt	1,342,383	1,476.6	1,345,524	1,480.1
Granite				
- Industrial rock	7,421,501	1,001.9	5,969,374	805.9
- Dimension stone	3,025*	17.0	4,585*	27.1
Shale (industrial rock-cement)	4,501,699	562.7	4,940,304	617.5
Cement clay (industrial rock)	3,394,657	305.5	4,074,321	366.7
Ceramic clay (industrial rock)	69,506	38.2	237,486	130.6
Dolomite	1,137,063	398.0	1,267,564	443.6
Feldspar				
- Sodium (ground)	160,591	224.8	204,795	286.7
- Sodium (unground)	96,601	67.6	151,983	106.4
- Potassium (unground)	1,612	2.7	10,650	16.5
Kaolin				
- Unwashed	650,723	250.5	637,920	245.6
- Washed	147,230	131.9	145,612	139.8
Glass sand	479,084	167.7	613,108	214.6
Calcite	762,411	150.2	962,479	189.6
Marble				
- Fragment	416,377*	135.3	481,609*	156.5
- Dimension stone	51,810*	198.2	7,848*	30.6
Barite drilling mud (ground)	17,950	69.9	38,597	150.3
Ball clay	335,008	184.3	242,490	133.4
Quartz				
- Unground	54,860	41.1	137,022	102.8
- Industrial rock	236,077	24.8	112,933	11.9
Andesite (industrial rock)	1,031,154	139.2	813,772	109.9
Others		683.0		778.3
Total		51,329.7		51,172.5

Note : * Quantity : Cubic metre

Mineral Royalty Revenues of Thailand (Fiscal Year) 2013-2014

Value : Million Baht

Mineral	2013	2014	% change
Limestone			
- Construction	395.42	391.11	-1.09%
- Cement industry	556.54	564.62	1.45%
- Other industries	28.41	35.62	25.39%
Lignite	718.62	722.06	0.48%
Gold ore	597.50	465.81	-22.04%
Gypsum	249.44	296.97	19.05%
Basalt (industrial rock)	63.43	69.18	9.07%
Silver ore	79.96	66.64	-16.66%
Rock salt	59.00	59.31	0.52%
Shale (industrial rock-cement)	41.56	43.75	5.27%
Zinc metal	34.18	42.55	24.48%
Feldspar			
- Sodium (ground)	13.14	12.15	-7.56%
- Sodium (unground)	18.47	26.29	42.34%
Granite			
- Industrial rock	43.39	35.82	-17.45%
- Dimension stone	0.69	1.06	54.12%
Dolomite	34.67	35.18	1.47%
Iron ore	21.80	30.29	38.93%
Anhydrite	20.23	26.15	29.26%
Fluorite (metallurgical grade)	8.00	17.67	120.83%
Kaolin			
- Unwashed	10.79	10.64	-1.39%
- Washed	5.55	4.90	-11.66%
- Filler	1.14	1.01	-11.25%
Cement Clay	18.45	14.97	-18.83%
Glass sand	8.11	10.41	28.42%
Barite			
- Unground	6.05	5.92	-2.23%
- Drilling mud (ground)	1.44	3.49	143.01%
- Chemical grade (ground)	0.42	0.50	21.49%
Tin	6.40	8.83	37.98%
Marble			
- Fragment	5.33	7.51	40.94%
- Dimension stone	1.35	1.20	-11.20%
Others	42.8	46.5	8.52%
Total	3,092.30	3,058.09	-1.11%

Mineral Royalty Revenues in the fiscal year of 2014 is 3,058.09 million baht, decreasing from the same period of 2013 by 34.21 million baht or 1.11%

Mineral Import of Thailand (Fiscal Year) 2013-2014

Quantity : Tonnes

Value : Million Baht

Mineral	2013		2014	
	Quantity	Value	Quantity	Value
Bituminous coal	7,212,537	18,111.1	10,802,803	29,559.6
Coal Solid Fuels from Coal	9,996,313	20,080.4	10,185,806	18,889.7
Tin ore	1,383	346.1	4,000	1,701.6
Talc	143,467	1,815.2	137,239	1,637.5
Molybdenite ore	7,923	573.6	11,516	1,382.5
Zinc ore	110,032	2,223.6	49,613	1,054.5
Kaolin				
- Ceramic	16,393	127.3	18,596	160.2
- Paper	3,338	30.9	5,941	58.9
- Others	68,118	633.8	65,618	675.3
Niobium and Vanadium ore	11,794	2,257.9	19,958	868.8
Anthracite	107,271	528.9	142,013	752.8
Asbestos	53,694	807.5	44,894	714.7
Bentonite	93,640	587.8	106,275	668.4
Sulphur	137,843	779.0	111,565	630.8
Others		4,863.9		5,187.2
Total		53,767.0		63,942.5

Number of Workers Employed in Mines & Operating Mine

Unit : Number

Mineral	September			
	Operating Mines		Workers	
	2013	2014	2013	2014
Limestone				
- Construction	188	176	3,766	3,579
- Cement industry	14	16	1,117	846
- Other industries	13	16	307	324
Lignite	6	6	1,916	1,920
Granite				
- Industrial rock	18	17	353	550
- Dimension stone	21	16	189	172
Basalt	28	31	563	715
Gypsum (unground)	44	34	840	588
Cement Clay	9	16	107	358
Ball clay	5	5	351	351
Kaolin	26	25	310	321
Gold metal	4	4	462	318
Iron ore	11	11	401	311
Others	139	129	2,830	2,515
Total	526	502	13,512	12,868



Mineral Statistics of Thailand 2013 - 2014 (Fiscal Year)

Produced by :

Statistics Group

Bureau of Information Technology and Communication

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Ministry of Industry