

Mineral Production of Thailand 2013-2014

Quantity : Tonnes
Value : Million Baht

Mineral	2013 (Jan. - Sep.)		2014 (Jan. - Sep.)	
	Quantity	Value	Quantity	Value
Lignite	13,680,521	13,133.3	13,736,657	13,187.2
Limestone				
- Industrial rock-cement	52,196,139	6,263.5	53,008,762	6,361.1
- Industrial rock-construction	64,025,110	6,722.6	58,636,524	6,156.8
- Industrial rock-others	4,513,450	541.6	4,712,850	565.5
Gypsum (unground)	9,347,614	4,756.2	8,197,549	4,667.6
Gold metal (unit : gram)	3,356,537	4,727.1	3,228,717	4,326.2
Zinc ore	126,094	1,509.5	162,135	2,320.9
Basalt (industrial rock)	7,673,314	1,035.9	11,314,239	1,527.4
Rock salt	975,087	1,072.6	1,022,608	1,124.9
Iron ore	235,830	561.6	377,776	807.4
Feldspar				
- Sodium (unground)	793,936	555.8	1,034,553	724.2
- Potassium (unground)	3,668	6.2	43,020	73.1
Granite				
- Industrial rock	5,336,683	720.5	5,210,165	703.4
- Dimension stone*	2,122	13	2,751	16.2
Dolomite	1,960,846	686.3	1,829,038	640.2
Shale (industrial rock-cement)	3,324,206	415.5	4,024,757	503.1
Silver metal (unit : gram)	23,485,268	557.7	23,013,420	478.1
Cement Clay	1,908,478	171.8	3,016,802	271.5
Ceramic Clay	62,179	34.2	259,622	142.8
Anhydrite	883,077	447.5	687,320	391.5
Kaolin				
- Unwashed	465,773	179.3	608,617	234.3
- Washed	113,732	109.2	102,346	98.3
Barite				
- Drilling mud (ground)	28,000	109.1	31,340	122.1
- Unground	55,345	82.2	80,696	119.8
- Chemical grade (ground)	3,054	17.9	3,692	21.6
Glass sand	588,920	206.1	675,411	236.4
Marble				
- Fragment*	358,124	116	371,175	120.6
- Dimension stone*	5,763	23	8,089	31.6
Calcite	580,481	114.4	711,034	140.1
Graywacke (industrial rock-others)	635,798	66.8	791,614	83.1
Andesite (industrial rock)	807,611	109.0	556,568	75.1
Others		472.4		443.5
Total		45,537.2		46,715.6

Note : * Quantity : Cubic metre

Mineral Exports of Thailand 2013-2014

Quantity : Tonnes
Value : Million Baht

Mineral	2013 (Jan. - Sep.)		2014 (Jan. - Sep.)	
	Quantity	Value	Quantity	Value
Tin				
- Tin metal	16,803	11,364.7	11,514	7,556.6
- Hard head	45	16.1	124	40.9
- Final slag	37	7.1	113	18.5
Gold metal (unit : gram)	3,356,537	4,727.1	3,228,717	4,346.9
Gypsum				
- Unground	6,160,617	3,239.1	6,970,666	3,879.3
- Ground	2,828	11.9	2,199	7.3
Sodium Feldspar (ground)	554,298	443.6	703,130	611.8
Silver metal (unit : gram)	23,485,268	557.7	22,664,513	470.4
Anhydrite	816,570	421.2	802,511	452.1
Dolomite				
- Unground	588,200	194.5	884,770	326.5
- Ground	2,849	0.5	1,514	0.5
Iron ore	209,318	404.5	139,955	254.1
Zircon	4,664	167.8	8,214	204.8
Limestone				
- Industrial rock-construction	360,246	145.5	563,086	189.9
- Industrial rock-others	1,749	6.4	1,061	2.1
Ball clay	12,912	57.1	17,867	166.3
Zinc metal	969	79.9	2,339	154.9
Granite (industrial rock)	229,874	59.9	388,414	107.2
Antimony ore	5,607	133.2	3,378	104.5
Monazite	210	9.3	2,100	93.4
Manganese (metallurgical grade)	7,391	23.7	27,554	87.7
Kaolin (washed)	8,021	36.6	10,208	53.8
Phosphozelite	-	-	840	40.3
Barite (chemical grade-ground)	3,463	29.6	5,201	40.1
Others		131.6		109.0
Total		22,268.6		19,318.9

Values of mineral Production in the first three quarter of 2014 is 46,715.6 million baht, increasing from the same period of 2013 by 1,178.4 million baht or 2.59%

Values of mineral Exports in the first three quarter of 2014 is 19,318.9 million baht, decreasing from the same period of 2013 by 2,949.7 million baht or 13.25%

Values of mineral Consumption in the first three quarter of 2014 is 38,409.3 million baht, decreasing from the same period of 2013 by 170.8 million baht or 0.44%

Values of mineral Import in the first three quarter of 2014 is 47,909.6 million baht, increasing from the same period of 2013 by 8,494.3 million baht or 21.55%

Mineral Consumption of Thailand 2013-2014

Quantity : Tonnes
Value : Million Baht

Mineral	2013 (Jan. - Sep.)		2014 (Jan. - Sep.)	
	Quantity	Value	Quantity	Value
Lignite	14,266,440	13,695.8	14,143,649	13,577.9
Limestone				
- Industrial rock-construction	64,946,962	6,819.4	58,670,643	6,160.4
- Industrial rock-cement	50,626,871	6,075.2	49,990,373	5,998.8
- Industrial rock-others	4,386,985	526.4	4,789,856	574.8
Zinc				
- Zinc alloy	24,080	1,572.1	21,876	1,715.6
- Zinc metal	24,200	1,488.9	20,524	1,457.0
Tin metal	2,308	1,532.3	2,463	1,797.7
Basalt (industrial rock)	7,353,860	992.8	10,855,941	1,465.6
Rock salt	991,229	1,090.4	1,024,237	1,126.7
Gypsum (unground)	2,873,192	1,462.6	1,909,002	1,076.3
Granite				
- Industrial rock	5,978,002	807.0	4,346,043	586.7
- Dimension stone*	1,977	11.7	2,353	13.9
Shale (industrial rock-cement)	3,111,608	389.0	4,023,341	502.9
Cement clay (industrial rock)	2,960,118	266.4	3,241,073	291.7
Ceramic clay (industrial rock)	53,839	29.6	152,602	83.9
Dolomite	864,689	302.6	968,672	339.0
Feldspar				
- Sodium (ground)	125,628	175.9	158,380	221.7
- Sodium (unground)	76,231	53.4	127,813	89.5
- Potassium (unground)	1,156	1.9	9,950	15.3
Kaolin				
- Unwashed	437,685	168.5	500,874	192.8
- Washed	106,238	92.5	107,884	103.6
Glass sand	374,052	130.9	418,256	146.4
Marble				
- Fragment*	363,754	118.2	361,175	117.4
- Dimension stone*	32,260	125.8	7,188	28.0
Calcite	579,481	114.2	702,714	138.4
Barite drilling mud (ground)	14,450	56.3	31,340	122.1
Ball clay	281,096	154.6	194,857	107.2
Quartz				
- Unground	46,860	35.1	117,322	88.0
- Industrial rock	183,709	19.3	70,057	7.4
- Ground	1,985	1.5	2,195	1.6
Others		269.8		261.0
Total		38,580.1		38,409.3

Note : * Quantity : Cubic metre

Mineral Royalty Revenues of Thailand 2013-2014

Value : Million Baht

Mineral	2013 (Jan-Sep)	2014 (Jan-Sep.)	% change
Limestone			
- Construction	290.95	301.74	3.71%
- Cement industry	411.43	457.93	11.30%
- Other industries	21.90	26.44	20.72%
Lignite	547.81	543.12	-0.86%
Gold ore	410.18	357.25	-12.90%
Gypsum	185.13	228.16	23.24%
Silver ore	55.71	47.82	-14.16%
Rock salt	44.35	45.54	2.68%
Basalt (industrial rock)	45.00	38.80	-13.78%
Shale (industrial rock-cement)	28.96	37.41	29.18%
Zinc metal	24.36	34.60	42.04%
Feldspar			
- Sodium (unground)	14.00	20.62	47.29%
- Sodium (ground)	9.36	10.29	9.94%
Granite			
- Industrial rock	35.53	29.72	-16.35%
- Dimension stone	0.64	0.92	43.75%
Dolomite	25.90	29.23	12.86%
Iron ore	18.72	24.64	31.62%
Anhydrite	15.14	18.90	24.83%
Fluorite (metallurgical grade)	6.05	15.35	153.72%
Kaolin			
- Unwashed	7.19	8.31	15.58%
- Washed	4.27	3.42	-19.91%
- Filler	0.91	0.68	-25.27%
Cement Clay	7.78	12.14	56.04%
Barite			
- Unground	6.06	5.92	-2.31%
- Drilling mud (ground)	1.13	2.62	131.86%
- Chemical grade (ground)	0.30	0.38	26.67%
Glass sand	6.19	8.19	32.31%
Tin	4.15	6.59	58.80%
Marble			
- Fragment	4.47	4.95	10.74%
- Dimension stone	1.16	1.18	1.72%
Others	29.6	33.3	12.61%
Total	2,264.34	2,356.20	4.06%

Mineral Royalty Revenues in the first three quarter of 2014 is 2,356.20 million baht, increasing from the same period of 2013 by 91.9 million baht or 4.06%

Mineral Import of Thailand 2013-2014

Quantity : Tonnes

Value : Million Baht

Mineral	2013 (Jan. - Sep.)		2014 (Jan. - Sep.)	
	Quantity	Value	Quantity	Value
Bituminous coal	5,510,531	13,738.6	8,004,454	21,834.2
Coal Solid Fuels from Coal	7,197,944	14,312.3	7,823,929	14,115.4
Tin ore	486	205.4	3,838	1,626.6
Molybdenite ore	5,489	332.3	9,861	1,288.7
Talc	107,656	1,341.2	101,847	1,227.6
Kaolin				
- Ceramic	13,156	99.6	14,512	126.6
- Paper	2,135	19.7	4,910	49.0
- Others	50,598	467.0	47,155	502.4
Niobium and Vanadium ore	6,709	1,447.3	13,858	659.7
Anthracite	79,252	385.0	119,582	567.8
Asbestos	41,813	637.0	33,577	524.8
Sulphur	107,504	571.2	81,482	517.0
Zinc ore	91,785	1,888.9	21,502	491.9
Bentonite	74,420	457.1	77,467	486.2
Others		3,512.7		3,891.7
Total		39,415.3		47,909.6

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 (Jan. - Sep.)

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