

**Mineral Production of Thailand (Fiscal Year) 2014-2015**

Quantity : Tonnes  
Value : Million Baht

Mineral	2014 (Oct. - Mar.)		2015 <sup>P</sup> (Oct. - Mar.)	
	Quantity	Value	Quantity	Value
Limestone				
- Industrial rock-cement	34,010,358	4,081.2	36,412,298	4,369.5
- Industrial rock-construction	44,379,748	4,659.9	40,382,403	4,240.2
- Industrial rock-others	3,121,631	374.6	2,840,405	340.9
Lignite	8,551,987	8,209.9	8,080,718	7,757.5
Gypsum (unground)	6,300,951	3,428.1	5,865,065	3,524.9
Zinc ore	94,215	1,230.5	124,706	1,834.9
Gold metal (unit : gram)	2,044,712	2,703.5	1,284,877	1,620.1
Basalt (industrial rock)	7,270,252	981.5	5,979,491	807.2
Rock salt	664,864	731.4	578,551	636.4
Feldspar				
- Sodium (unground)	609,065	426.3	615,121	430.6
- Potassium (unground)	2,210	3.8	2,100	3.6
Granite				
- Industrial rock	3,291,828	444.4	3,053,812	412.3
- Dimension stone*	1,372	8.1	1,827	10.5
Dolomite	1,159,625	405.9	1,178,700	412.5
Shale (industrial rock-cement)	2,152,730	269.1	2,860,419	357.6
Anhydrite	696,260	377.2	489,600	294.2
Cement Clay	1,677,470	150.9	2,021,323	181.9
Ceramic Clay	140,464	77.3	166,902	91.8
Barite drilling mud (ground)	20,612	80.3	48,150	187.5
Marble				
- Fragment*	244,209	79.4	511,537	166.3
- Dimension stone*	4,748	18.5	6,120	36.3
Barite				
- Chemical grade (ground)	1,848	10.8	2,124	12.4
- Unground	74,221	110.2	2,054	3.1
Glass sand	437,295	153.1	471,775	165.1
Kaolin				
- Unwashed	385,284	148.3	286,076	110.1
- Washed	57,037	54.8	50,736	48.7
Silver metal (unit : gram)	15,781,144	335.9	8,032,496	140.3
Calcite	494,908	97.5	459,232	90.5
Andesite (industrial rock)	563,075	76.0	434,641	58.7
Graywacke (industrial rock-others)	443,942	46.6	531,646	55.8
Iron ore	293,934	682.1	37,863	55.7
Quartz (unground)	32,200	24.2	61,960	46.5
Copper metal	-	-	187	42.6
Rhyolite (industrial rock)	494,173	51.9	287,208	30.2
Others		185.3		116.2
<b>Total</b>		<b>30,718.5</b>		<b>28,692.6</b>

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

**Mineral Exports of Thailand (Fiscal Year) 2014-2015**

Quantity : Tonnes  
Value : Million Baht

Mineral	2014 (Oct. - Mar.)		2015 <sup>P</sup> (Oct. - Mar.)	
	Quantity	Value	Quantity	Value
Tin				
- Tin metal	7,154	5,298.4	7,475	2,691.4
- Hard head	-	-	34	12.4
- Tin-lead alloy	-	-	252	1.2
Gypsum				
- Unground	4,614,932	2,557.3	4,459,951	2,659.4
- Ground	2,374	7.7	1,212	4.6
Gold metal (unit : gram)	2,044,713	2,703.5	1,284,877	1,620.1
Anhydrite	680,357	374.5	500,395	294.9
Feldspar sodium (ground)	384,601	332.3	355,253	287.4
Dolomite				
- Unground	496,198	176.7	689,629	257.7
- Ground	305	0.5	2,920	0.7
Limestone				
- Industrial rock-construction	333,445	120.1	438,773	182.0
- Industrial rock-others	867	1.8	703	1.5
Silver metal (unit : gram)	15,781,144	335.9	8,032,496	140.3
Zircon	4,761	127.5	3,826	105.4
Manganese (metallurgical grade)	8,375	27.3	67,301	94.8
Granite (industrial rock)	238,200	61.9	225,900	66.0
Iron ore	162,688	314.0	27,400	58.6
Barite chemical grade (ground)	3,716	26.3	3,759	56.8
Fluorite				
- Metallurgical grade	-	-	7,675	41.3
- Metallurgical grade-ground	900	4.8	689	10.9
- Metallurgical grade-unground	1,110	6.0	185	2.9
Zinc metal	200	13.6	334	52.0
Ball clay	12,507	55.2	11,633	50.1
Copper metal	-	-	187	42.7
Antimony ore	2,896	92.9	891	32.5
Others		87.2		117.9
<b>Total</b>		<b>12,725.4</b>		<b>8,885.5</b>

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

Values of mineral *Production* in the first half fiscal year of 2015 is 28,692.6 million baht, decreasing from the same period of 2014 by 6.60% (% not include gold and silver metal in 2015)

Values of mineral *Exports* in the half fiscal year of 2015 is 8,885.5 million baht, decreasing from the same period of 2014 by 30.18% (% not include gold and silver metal in 2015)

Values of mineral *Consumption* in the first half fiscal year of 2015 is 24,888.2 million baht, decreasing from the same period of 2014 by 776.9 million baht or 3.03%

Values of mineral *Import* in the first half fiscal year of 2015 is 30,832.5 million baht, increasing from the same period of 2014 by 2,081.2 million baht or 7.24%

**Mineral Consumption of Thailand (Fiscal Year) 2014-2015**

Quantity : Tonnes  
Value : Million Baht

Mineral	2014 (Oct. - Mar.)		2015 <sup>P</sup> (Oct. - Mar.)	
	Quantity	Value	Quantity	Value
Limestone				
- Industrial rock-construction	42,580,458	4,470.9	41,314,223	4,338.0
- Industrial rock-cement	33,179,286	3,981.5	32,972,064	3,956.7
- Industrial rock-others	2,975,265	357.0	2,860,091	343.2
Lignite	8,905,008	8,548.8	8,181,059	7,853.8
Zinc				
- Zinc metal	16,228	1,046.1	13,661	1,023.8
- Zinc alloy	15,013	1,062.8	14,981	1,223.8
Gypsum (unground)	2,115,169	1,147.6	1,778,889	1,069.1
Tin metal	1,449	1,061.2	1,709	1,063.8
Basalt (industrial rock)	6,801,027	918.1	5,934,069	801.1
Rock salt	676,997	744.7	581,772	640.0
Granite				
- Industrial rock	3,288,222	443.9	2,644,713	357.0
- Dimension stone*	3,031	17.8	1,367	7.9
Shale (industrial rock-cement)	2,156,443	269.6	2,707,390	338.4
Dolomite	657,313	230.1	715,438	250.4
Cement clay (industrial rock)	1,905,099	171.5	2,277,204	212.2
Marble				
- Fragment*	241,595	78.5	503,605	163.7
- Dimension stone*	3,248	12.7	4,550	35.5
Barite				
- Unground	-	-	4,270	6.3
- Drilling mud (ground)	15,176	59.1	48,210	187.8
Kaolin				
- Washed	72,167	69.3	65,347	62.7
- Unwashed	287,942	110.8	278,619	107.3
Feldspar				
- Sodium (unground)	96,535	67.6	65,666	46.0
- Sodium (ground)	95,258	133.4	83,464	116.8
- Potassium (unground)	3,200	5.4	900	1.5
Glass sand	474,924	166.2	455,069	159.3
Ball clay	116,667	64.2	170,408	93.7
Ceramic clay (industrial rock)	100,169	55.1	166,416	91.5
Calcite	472,244	93.0	451,439	88.9
Andesite (industrial rock)	507,578	68.5	448,763	60.6
Quartz (unground)	60,250	45.2	67,605	50.7
Grawacke(industrial rock-others)	475,320	49.9	519,341	54.5
Rhyolite (industrial rock)	421,548	44.3	391,703	41.1
Sandstone (industrial rock)	157,668	15.8	170,900	17.1
Others		70.3		41.1
<b>Total</b>		<b>25,665.1</b>		<b>24,888.2</b>

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

## Mineral Royalty Revenues of Thailand (Fiscal Year) 2014-2015

Value : Million Baht

Mineral	2014 (Oct-Mar)	2015 <sup>P</sup> (Oct-Mar)	% change
Limestone			
- Industrial rock-cement	282.15	266.75	-5.46%
- Industrial rock-construction	189.38	190.27	0.47%
- Industrial rock-others	18.25	20.69	13.37%
Lignite	341.96	313.64	-8.28%
Gypsum	150.59	154.70	2.73%
Gold ore	220.82	127.72	-42.16%
Basalt (industrial rock)	39.99	32.40	-18.98%
Zinc metal	16.88	32.07	89.99%
Rock salt	28.95	31.46	8.67%
Dolomite	17.61	23.60	34.01%
Shale (industrial rock-cement)	19.13	23.25	21.54%
Granite			
- Industrial rock	20.58	21.07	2.38%
- Dimension stone	0.52	0.44	-15.38%
Feldspar			
- Potassium (ground)	0.09	0.09	0.00%
- Potassium (unground)	0.22	0.06	-72.73%
- Sodium (ground)	4.88	4.66	-4.51%
- Sodium (unground)	11.45	12.92	12.84%
Silver ore	33.42	13.99	-58.14%
Anhydrite	16.24	12.05	-25.80%
Cement Clay	7.54	8.96	18.83%
Kaolin			
- Unwashed	4.64	4.19	-9.70%
- Washed	2.83	2.63	-7.07%
- Filler	0.55	0.49	-10.91%
Glass sand	6.08	6.84	12.50%
Fluorite	7.65	6.65	-13.07%
Marble			
- Dimension stone	0.42	1.43	240.48%
- Fragment	4.08	4.67	14.46%
Barite			
- Drilling mud (ground)	0.75	4.13	450.67%
- Chemical grade (ground)	0.24	0.27	12.50%
- Unground	5.91	0.46	-92.22%
Calcite	3.94	4.29	8.88%
Ceramic Clay	2.26	4.09	80.97%
Ball clay	3.41	3.91	14.66%
Others	30.6	14.9	-51.21%
<b>Total</b>	<b>1,493.99</b>	<b>1,349.76</b>	<b>-9.65%</b>

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

Mineral Royalty Revenues in the first half fiscal year of of 2015 is 1,349.76 million baht, decreasing from the same period of 2014 by 144.2 million baht or 9.65% (% not include gold and silver metal in 2015)

## Mineral Import of Thailand (Fiscal Year) 2014-2015

Quantity : Tonnes, Value : Million Baht

Mineral	2014 (Oct. - Mar.)		2015 (Oct. - Mar.)	
	Quantity	Value	Quantity	Value
Bituminous coal	4,794,405	13,486.4	5,074,563	12,621.0
Coal Solid Fuels from Coal	4,634,553	8,411.2	4,686,591	8,159.4
Tin ore	898	411.2	3,457	1,253.8
Zinc ore	40,316	814.8	46,382	1,112.6
Talc	68,659	816.0	68,547	849.0
Niobium and Vanadium ore	6,228	407.3	6,864	743.6
Molybdenite ore	4,577	323.3	7,438	650.5
Kaolin				
- Ceramic	7,330	71.5	105,397	89.0
- Paper	2,249	21.5	3,282	32.5
- Others	31,018	318.4	34,406	354.9
Copper	5,076	27.7	10,841	459.8
Zirconium ore	10,546	239.2	40,640	415.2
Sulphur	58,536	283.1	63,384	384.1
Anthracite	50,592	319.7	88,791	379.8
Bentonite	49,772	315.8	50,709	348.2
Tantalite	29	49.9	174	342.9
Asbestos	20,688	339.8	17,163	306.4
Others		2,094.7		2,329.8
<b>Total</b>		<b>28,751.3</b>		<b>30,832.5</b>

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

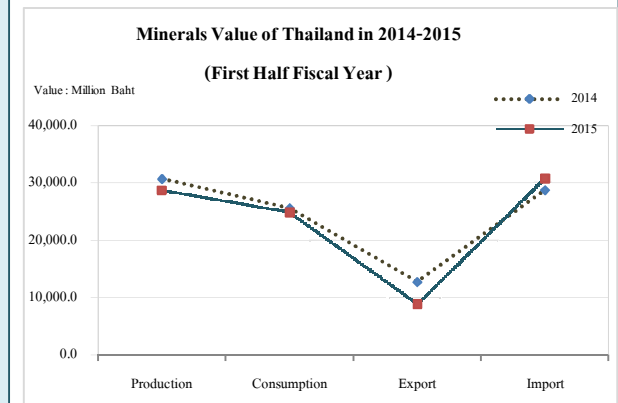
## Number of Workers Employed in Mines & Operating Mine

Mineral (Unit : Number)	March			
	Operating Mines		Workers	
	2014	2015 <sup>P</sup>	2014	2015 <sup>P</sup>
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
<b>Total</b>	<b>542</b>	<b>453</b>	<b>13,453</b>	<b>12,220</b>

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



## Mineral Statistics of Thailand (Fiscal Year) 2014 - 2015 (Oct. - Mar.)



Produced by :

Statistics and Data Management Group  
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