

Mineral Production of Thailand 2014-2015

Mineral	Quantity : Tonnes		Value : Million Baht	
	2014 (Jan-Sep)		2015 ^P (Jan-Sep)	
	Quantity	Value	Quantity	Value
Limestone				
- Industrial rock-construction	66,258,213	6,957.1	68,994,357	7,244.4
- Industrial rock-cement	53,386,829	6,406.4	54,531,049	6,543.7
- Industrial rock-others	4,661,600	559.4	5,214,025	625.7
Lignite	13,736,657	13,187.2	11,269,909	10,819.1
Gypsum (unground)	9,536,247	5,456.8	8,636,880	5,283.3
Gold metal (unit : gram) (unit : gram)	3,228,717	4,326.2	2,409,819	3,070.3
Zinc ore	162,135	2,320.9	119,482	1,703.6
Basalt (industrial rock)	10,977,765	1,482.0	9,568,014	1,291.7
Granite				
- Industrial rock	5,534,150	747.1	5,571,135	752.1
- Dimension stone	2,385*	14.1	2,942*	16.8
Dolomite	1,859,218	650.7	1,767,972	726.1
Feldspar				
- Sodium (unground)	1,064,553	745.2	935,235	654.7
- Potassium (unground)	13,020	22.1	2,520	4.3
Rock salt	1,022,608	1,124.9	574,572	632.0
Shale (industrial rock-cement)	4,024,757	503.1	4,482,467	560.3
Cement Clay	3,106,802	279.6	2,975,969	267.8
Ceramic Clay	259,622	142.8	350,194	192.6
Glass sand	920,366	322.1	789,470	440.1
Anhydrite	687,318	391.5	660,310	407.5
Barite				
- Drilling mud (ground)	31,340	122.1	84,480	329.0
- Unground	80,696	119.8	20,823	30.9
- Chemical grade (ground)	3,390	19.8	3,010	17.6
Marble				
- Fragment	403,751*	131.2	872,256*	283.5
- Dimension stone	8,089*	31.6	9,565*	75.9
Calcite	712,284	140.3	934,365	350.1
Silver metal (unit : gram)	23,013,420	478.1	15,983,957	285.4
Kaolin				
- Unwashed	623,817	240.2	495,432	181.9
- Washed	87,146	83.7	74,947	71.9
Andesite (industrial rock)	730,688	98.6	603,812	81.5
Graywacke (industrial rock-others)	791,608	83.1	756,834	79.5
Rhyolite (industrial rock)	673,174	70.7	675,659	70.9
Quartz				
- Unground	65,580	49.2	70,300	52.7
- Industrial rock	67,297	7.1	71,544	7.5
- Ground	2,250	1.7	2,488	1.9
Tin concentrates	118	62.3	117	45.8
Others		972.5		182.0
Total		48,351.2		43,384.1

Remark : * Quantity : Cubic metre

P=Primary data

Mineral Exports of Thailand 2014-2015

Mineral	Quantity : Tonnes		Value : Million Baht	
	2014 (Jan-Sep)		2015 ^P (Jan-Sep)	
	Quantity	Value	Quantity	Value
Gypsum				
- Unground	6,979,625	3,908.2	5,966,075	3,761.6
- Ground	2,399	8.1	1,132	4.4
Tin metal	11,514	7,556.6	5,486	3,137.7
Gold metal (unit : gram)	3,228,717	4,326.2	2,409,819	3,068.3
Feldspar (sodium-ground)	703,130	611.9	591,701	536.3
Anhydrite	833,201	469.4	803,845	521.0
Dolomite (unground)	884,770	326.5	954,279	364.7
Silver metal (unit : gram)	23,013,420	478.1	15,983,957	279.4
Manganese (metallurgical grade)	27,554	87.7	139,046	185.8
Limestone				
- Industrial rock-construction	563,086	189.9	412,498	177.2
- Industrial rock-others	1,061	2.1	643	1.4
Zircon	8,214	204.8	6,933	175.1
Antimony ore	3,378	104.5	2,688	134.5
Granite (industrial rock)	388,414	107.2	386,600	100.3
Barite				
- Chemical grade (ground)	5,201	40.1	4,628	67.7
- Drilling mud (ground)	1,512	8.5	5,651	21.9
- Unground	40	0.2	2,666	4.0
Fluorite	4,116	22.1	17,202	93.5
Monazite	2,940	133.7	1,260	61.0
Zinc metal	2,339	154.9	772	54.3
Ball clay	17,867	166.3	11,673	51.0
Kaolin (washed)	10,208	53.8	9,005	49.8
Leucoxene	1,303	32.4	1,680	39.2
Iron ore	139,955	254.1	7,511	16.1
Struverite	-	-	64	12.7
Tungsten Scheelite	101	10.0	18	10.5
Rutile	140	4.1	232	8.0
Pyrophyllite	2,676	9.2	920	3.1
Others		82.4		6.7
Total		19,353.0		12,947.2

Remark : P=Primary data

Values of mineral *Production* in the first three quarter of 2015 is 43,384.1 million baht, decreasing from the same period of 2014 by 4,967.1 million baht 10.27%

Values of mineral *Exports* in the first three quarter of 2015 is 12,947.2 million baht, decreasing from the same period of 2014 by 6,405.8 million baht or 33.10%

Values of mineral *Consumption* in the first three quarter of 2015 is 37,652.5 million baht, decreasing from the same period of 2014 by 2,556.8 million baht or 6.36%

Values of mineral *Import* in the first three quarter of 2015 is 48,849.4 million baht, increasing from the same period of 2014 by 898.5 million baht or 1.87%

Mineral *Royalty Revenues* in the first three quarter of 2015 is 2,127.79 million baht, decreasing from the same period of 2014 by 256.64 million baht or 10.76%

Mineral Consumption of Thailand 2014-2015

Mineral	Quantity : Tonnes		Value : Million Baht	
	2014 (Jan-Sep)		2015 ^P (Jan-Sep)	
	Quantity	Value	Quantity	Value
Limestone				
- Industrial rock-construction	66,956,664	7,030.4	69,220,975	7,268.2
- Industrial rock-cement	50,197,781	6,023.7	51,124,695	6,134.9
- Industrial rock-others	4,789,856	574.8	4,886,333	586.4
Lignite	14,143,649	13,577.9	11,565,385	11,102.8
Zinc				
- Zinc alloy	21,876	1,715.6	20,633	1,652.9
- Zinc metal	20,524	1,457.0	20,148	1,470.7
Gypsum (unground)	2,959,135	1,694.6	2,744,170	1,686.1
Tin metal	2,463	1,797.7	2,305	1,277.0
Basalt (industrial rock)	10,840,957	1,463.5	7,994,709	1,079.3
Rock salt	1,024,237	1,126.7	596,842	870.8
Granite				
- Industrial rock	5,281,077	712.9	5,294,061	714.7
- Dimension stone	2,783*	16.4	2,983*	17.0
Shale (industrial rock-cement)	4,023,341	502.9	4,456,259	557.0
Dolomite	870,472	304.7	1,113,812	472.8
Cement clay (industrial rock)	3,241,073	291.7	2,831,242	254.8
Ceramic clay (industrial rock)	152,602	83.9	292,196	160.7
Glass sand	835,678	292.5	733,803	403.6
Marble				
- Fragment	396,781*	129.0	877,853*	285.3
- Dimension stone	7,188*	28.0	12,402*	98.5
Calcite	703,214	138.5	1,005,880	370.1
Barite				
- Drilling mud (ground)	31,340	122.1	74,280	289.3
- Unground	-	-	16,010	23.8
Kaolin				
- Unwashed	507,164	195.3	418,375	161.1
- Washed	103,993	99.8	96,097	92.3
Feldspar				
- Sodium (unground)	127,813	89.5	123,825	86.7
- Sodium (ground)	158,380	221.7	48,140	67.4
- Potassium (unground)	9,950	15.3	6,900	11.7
Ball clay	194,857	107.2	206,769	113.7
Andesite (industrial rock)	732,681	98.9	582,565	78.6
Graywacke(industrial rock-others)	743,777	78.1	718,143	75.4
Rhyolite (industrial rock)	621,487	65.3	623,329	65.4
Quartz				
- Unground	121,882	91.4	59,230	44.4
- Industrial rock	70,057	7.4	72,012	7.6
- Ground	2,195	1.7	2,352	1.8
Others		53.1		69.6
Total		40,209.2		37,652.5

Remark : * Quantity : Cubic metre

P=Primary data

Mineral Royalty Revenues of Thailand 2014-2015

Value : Million Baht

Mineral	2014 (Jan-Sep)	2015 ^P (Jan-Sep)	% change
Limestone			
- Industrial rock-cement	462.32	417.71	-9.65%
- Industrial rock-construction	303.51	318.40	4.91%
- Industrial rock-others	26.26	28.21	7.41%
Lignite	543.12	443.35	-18.37%
Gold ore	358.13	242.45	-32.30%
Gypsum	228.16	225.83	-1.02%
Rock salt	45.54	56.92	24.99%
Basalt (industrial rock)	56.83	49.67	-12.60%
Dolomite	29.26	40.74	39.23%
Shale (industrial rock-cement)	37.41	38.49	2.90%
Zinc metal	34.60	38.47	
Granite			
- Industrial rock	31.09	31.82	2.35%
- Dimension stone	0.92	0.76	-17.50%
Silver ore	47.87	27.84	-41.85%
Feldspar			
- Potassium (ground)	0.15	0.10	-29.04%
- Potassium (unground)	0.68	0.64	-5.53%
- Sodium (ground)	10.29	5.48	-46.73%
- Sodium (unground)	20.67	21.48	3.91%
Anhydrite	18.90	20.32	7.50%
Glass sand	11.22	17.78	58.44%
Calcite	5.93	14.33	
Cement Clay	12.14	14.24	17.24%
Barite			
- Unground	5.92	4.73	-20.10%
- Drilling mud (ground)	2.62	8.92	
- Chemical grade (ground)	0.38	0.41	6.76%
Kaolin			
- Unwashed	8.31	6.45	-22.36%
- Washed (ceramic)	3.42	4.12	20.44%
- Filler	0.68	0.77	12.34%
Marble			
- Dimension stone	1.18	1.93	63.61%
- Fragment	4.95	7.28	47.07%
Fluorite	15.23	8.55	-43.87%
Ceramic Clay	3.48	6.58	88.93%
Ball clay	5.45	5.28	-3.22%
Other Industrial rock	3.82	4.61	20.71%
Andesite (industrial rock)	4.47	4.48	0.21%
Sand stone (industrial rock)	1.09	2.24	105.89%
Quartz	3.74	1.81	-51.58%
Other minerals	34.69	4.62	-86.69%
Total	2,384.43	2,127.79	-10.76%

Remark : P=Primary data

Mineral Import of Thailand 2014-2015

Quantity : Tonnes, Value : Million Baht

Mineral	2014 (Jan-Sep)		2015 (Jan-Sep)	
	Quantity	Value	Quantity	Value
Bituminous coal	8,004,454	21,834.2	8,203,866	19,992.8
Coal Solid Fuels from Coal	7,875,865	14,115.4	8,656,439	14,598.3
Zinc ore	21,502	491.9	80,094	1,859.5
Tin ore	3,838	1,626.6	4,291	1,289.6
Talc	101,847	1,227.6	99,747	1,183.1
Niobium and Vanadium ore	13,858	659.7	7,046	833.7
Copper	7,528	45.2	17,931	812.2
Zirconium ore	23,842	418.2	70,254	773.2
Molybdenite ore	9,861	1,288.7	10,701	696.8
Kaolin				
- Ceramic	14,512	126.6	67,612	133.0
- Paper	4,910	49.0	2,325	25.7
- Others	47,155	502.4	51,718	515.6
Tantalite	151	294.4	315	574.8
Sulphur	81,482	517.0	90,517	571.2
Bentonite	77,467	486.2	84,705	558.9
Anthracite	127,375	567.8	132,975	525.2
Asbestos	33,577	524.8	24,961	457.9
Others		3,175.2		3,447.9
Total		47,950.9		48,849.4

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

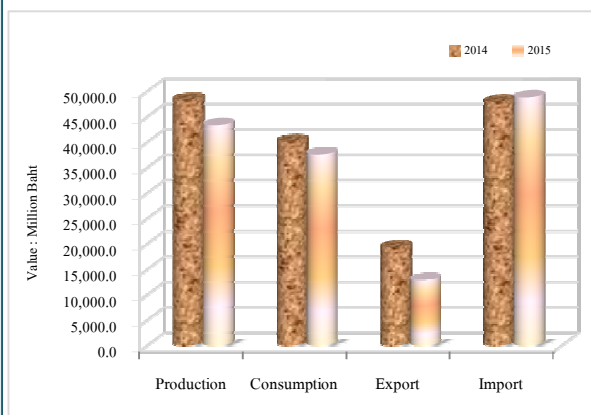
Number of Workers Employed in Mines & Operating Mine

Mineral (Unit : Number)	September			
	Operating Mines		Workers	
	2014	2015 ^P	2014	2015 ^P
Limestone - Construction	3,892	3,829	195	177
- Cement industry	873	880	17	17
- Other industries	324	418	16	15
Lignite	1,920	1,656	6	4
Gypsum (unground)	845	914	44	48
Granite - Industrial rock	560	588	18	19
- Dimension stone	220	218	21	19
Basalt (industrial rock)	715	547	31	30
Iron ore	380	150	14	10
Cement clay	364	397	17	20
Ball clay	351	351	5	4
Kaolin	321	397	25	28
Gold	318	670	4	4
Feldspar	286	261	20	20
Dolomite	283	362	20	19
Tin ore	259	205	3	3
Others	1,767	1,688	94	101
Total	13,678	13,531	550	538

Remark : P=Primary data



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



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