Statistics Report

No. BEIC 1/2554

Mineral Statistics of Thailand

2006 - 2010

Statistics Group

Bureau of Economics and International Cooperation

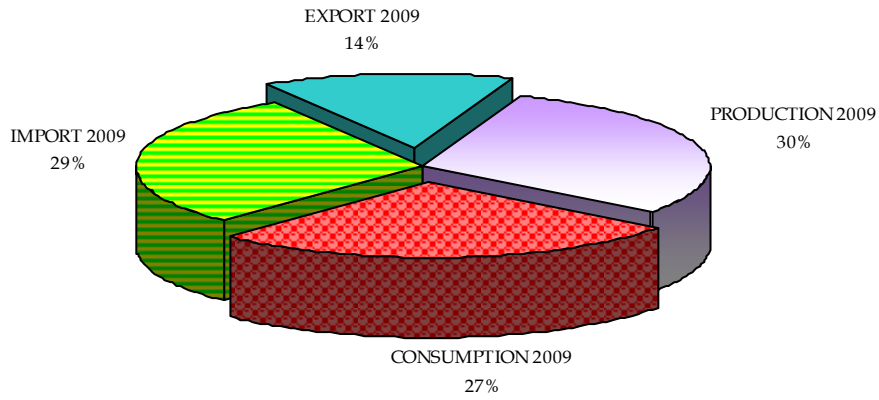
Department of Primary Industries and Mines

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Bureau of Economics and International Cooperation

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A N D E S I T E

Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Phetchabun	452,683	442,277	396,086	410,259	447,104
Uttaradit	790,594	785,177	604,906	520,396	761,131
Northeastern Region					
Loei	-	-	-	-	1,000
Central Region					
Sara Buri	255,514	175,101	-	-	-
Total Production	**1,498,791**	**1,402,555**	**1,000,992**	**930,655**	**1,209,235**
Value (Million Baht)	**149.9**	**140.3**	**114.2**	**125.6**	**163.2**
Consumption					
Total Consumption	**1,389,806**	**1,265,647**	**980,541**	**765,806**	**1,230,985**
Value (Million Baht)	**138.9**	**126.6**	**112.2**	**103.4**	**166.2**

A N H Y D R I T E

Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Phichit	1,700	300	-	-	-
Nakhon Sawan	1,300	200	-	120	860
Southern Region					
Nakhon Si Thammarat	-	19,300	47,340	-	28,700
Surat Thani	557,339	673,077	441,341	633,700	506,560
Total Production	**560,339**	**692,877**	**488,681**	**633,820**	**536,120**
Value (Million Baht)	**284.1**	**317.5**	**219.6**	**350.2**	**279.3**
Export					
1. Ground					
Asia					
Japan	40	12,140	460	160	200
Korea, South	-	6,200	-	-	-
Total Export	**40**	**18340**	**460**	**160**	**200**
Value (Million Baht)	**0.1**	**9.0**	**1.5**	**0.5**	**0.6**
2. Unground					
Asia					
China	-	-	-	-	4,070
India	-	-	38,020	-	37,650
Indonesia	-	-	-	-	-
Japan	230,300	256,250	212,949	317,720	344,010
Korea, North	-	-	-	-	-
Korea, South	304,550	201,675	240,205	169,100	140,160
Malaysia	24,000	64,600	79,540	47,000	57,100
Philippines	-	-	18,513	-	-
Singapore	-	-	-	-	-
Vietnam	-	-	-	-	18,000
Total Export	**558,850**	**522,525**	**589,227**	**533,820**	**600,990**
Value (Million Baht)	**274.8**	**236.1**	**276.4**	**291.2**	**308.7**

Tonnes

	2006	2007	2008	2009	2010
Consumption					
Total Consumption	**21,891**	**58,360**	**13,748**	**-**	**32,634**
Value (Million Baht)	**10.9**	**26.7**	**6.1**	**-**	**16.5**
Import					
Total Import	**448**	**126**	**0****	**4**	**25**
Value (Million Baht)	**3.7**	**1.1**	**0.0***	**0.0***	**0.7**

0** denoting the amount of less than 0.1 tonnes
0.0* denoting the amount of less than 0.05 million baht

A N T H R A C I T E

Tonnes

	2006	2007	2008	2009	2010
Import					
Total Import	**553,489**	**305,460**	**242,197**	**677,522**	**367,817**
Value (Million Baht)	**1,236.5**	**836.4**	**1,280.4**	**2,209.5**	**1,539.6**

A N T I M O N Y

Tonnes

		2006	2007	2008	2009	2010
Production						
Northern Region						
Lampang	Ore	2,980	-	-	-	-
Southern Region						
Satun	Ore	-	-	-	35	738
Total Production	**Ore**	**2,980**	**-**	**-**	**35**	**738**
Value (Million Baht)	**Ore**	**45.3**	**-**	**-**	**1.0**	**21.3**
Export						
Ore						
Asia						
China		-	108	253	400	1,310
Hong Kong		-	52	-	98	404
India		-	10	-	42	-
Laos		-	-	-	-	34
Total Export		**-**	**170**	**253**	**539**	**1,748**
Value (Million Baht)		**-**	**5.8**	**5.1**	**7.5**	**32.8**
Consumption						
Total Consumption		**-**	**-**	**-**	**-**	**56**
Value (Million Baht)		**-**	**-**	**-**	**-**	**1.2**
Import						
Total Import		**570**	**1,072**	**1,218**	**1,496**	**4,356**
Value (Million Baht)		**10.8**	**15.3**	**22.0**	**23.8**	**134.6**

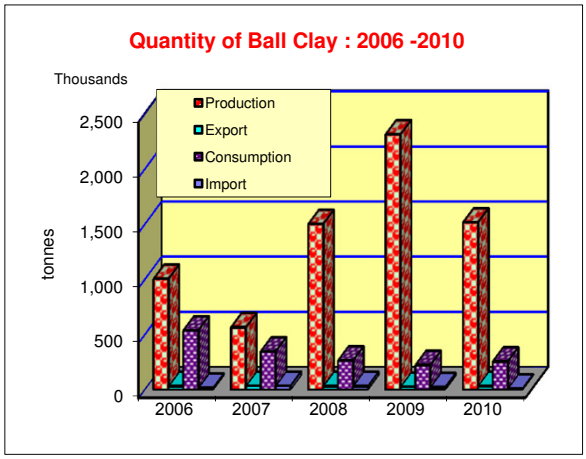
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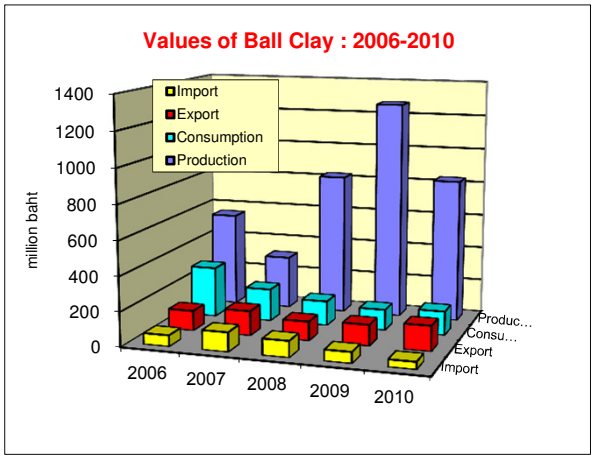
Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Chiang Rai	5,150	2,050	3,780	7,350	34,595
Lampang	967,888	539,523	1,447,753	2,251,495	1,397,969
Central Region					
Prachin Buri	1,799	1,380	1,474	260	363
Sara Buri	28,000	20,400	31,250	52,520	80,840
Southern Region					
Nakhon Si Thammarat	430	-	15,736	1,000	-
Total Production	**1,003,267**	**563,353**	**1,499,993**	**2,312,625**	**1,513,767**
Value (Million Baht)	**551.8**	**309.8**	**825.0**	**1,271.9**	**832.6**
Export					
Asia					
Bangladesh	-	-	-	-	1
China	4,560	7,600	4,120	3,373	1,638
Hong Kong	-	-	-	-	-
India	924	379	1,000	469	989
Indonesia	7,707	8,784	11,839	7,892	12,480
Japan	-	-	-	-	-
Korea, South	1,120	580	480	700	704
Malaysia	9,958	10,669	8,254	9,525	9,335
Pakistan	1,031	-	-	-	-
Philippines	-	129	356	264	600
Sri Lanka	-	-	2	-	-
Taiwan	-	272	384	264	288
Vietnam	3,500	3,700	3,337	3,256	4,280
Europe					
Germany	-	-	-	-	1
Total Export	**28,800**	**32,113**	**29,772**	**25,743**	**30,316**
Value (Million Baht)	**117.4**	**143.8**	**111.7**	**122.5**	**146.3**

Tonnes

	2006	2007	2008	2009	2010
Consumption					
Total Consumption	**535,834**	**345,179**	**262,598**	**221,472**	**253,292**
Value (Million Baht)	**294.7**	**189.9**	**144.4**	**121.8**	**139.3**
Import					
Total Import	**13,473**	**33,579**	**28,981**	**20,508**	**6,592**
Value (Million Baht)	**64.8**	**111.8**	**94.3**	**64.2**	**42.4**





B A R I T E

Tonnes

	2006	2007	2008	2009	2010
Production					
1. Ground (Chemical grade)					
Northeastern Region					
Loei	4,549	4,322	2,480	1,985	3,865
Total Production	**4,549**	**4,322**	**2,480**	**1,985**	**3,865**
Value (Million Baht)	**29.5**	**25.4**	**14.5**	**11.6**	**22.6**
2. Unground					
Northern Region					
Phayao	-	-	-	1,000	1,800
Northeastern Region					
Loei	-	-	300	-	-
Southern Region					
Nakhon Si Thammarat	-	4,309	6,400	48,910	27,800
Total Production	**-**	**4,309**	**6,700**	**49,910**	**29,600**
Value (Million Baht)	**-**	**6.4**	**9.9**	**74.1**	**44.0**

0.0* denoting the amount of less than 0.05 million baht

Tonnes

	2006	2007	2008	2009	2010
Export					
1. Ground(Chemical grade)					
Africa					
South Africa	-	52	21	-	-
Asia					
China	-	160	-	-	-
Egypt	43	21	-	-	-
Hong Kong	20	60	40	-	-
Japan	21	598	299	-	-
Jordan	-	82	-	-	-
Korea, South	42	147	126	-	-
Malaysia	1,587	155	5,722	17,008	12
Singapore	180	1,200	260	-	-
Taiwan	126	252	315	-	-
Australia / Oceania					
Australia	305	1,350	218	-	-
New Zealand	22	44	22	-	-
Total Export	**2,346**	**4,121**	**7,023**	**17,008**	**12**
Value (Million Baht)	**9.8**	**24.8**	**31.2**	**34.4**	**0.1**
Consumption					
1. Ground (Chemical)	**768**	**1,025**	**-**	**49**	**-**
Value (Million Baht)	**5.1**	**6.1**	**-**	**0.3**	**-**
2.Ground (Drilling mud)	**-**	**800**	**-**	**-**	**-**
Value (Million Baht)	**-**	**3.1**	**-**	**-**	**-**
3. Unground	**-**	**2,140**	**6,210**	**10,420**	**9,334**
Value (Million Baht)	**-**	**3.2**	**9.2**	**15.5**	**13.9**
Import					
Total Import	**51,825**	**78,408**	**96,433**	**57,452**	**78,862**
Value (Million Baht)	**142.7**	**228.6**	**391.6**	**178.7**	**274.1**

B A S A L T

Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Phetchabun	-	-	-	-	-
Northeastern Region					
Buri Ram	2,823,786	3,121,602	2,713,393	3,712,789	4,322,951
Nakhon Ratchasima	758,441	1,251,812	1,190,985	1,299,552	1,373,600
Si Sa ket	331,356	291,624	182,981	221,414	438,856
Surin	3,453,370	3,345,219	3,107,404	3,706,377	4,480,852
Ubon Ratchathani	1,969,499	1,778,814	1,661,830	1,580,624	1,871,741
Central Region					
Trat	365,091	153,618	20,959	1,200	1,200
Total Production	**9,701,543**	**9,942,689**	**8,877,552**	**10,521,955**	**12,489,201**
Value (Million Baht)	**970.2**	**994.3**	**1,026.9**	**1,420.5**	**1,686.0**
Consumption					
Total Consumption	**9,693,889**	**9,558,772**	**8,736,654**	**10,878,292**	**12,164,953**
Value (Million Baht)	**969.4**	**955.9**	**1,010.7**	**1,468.6**	**1,642.3**
Import					
Total Import	**17,181**	**18,992**	**20,857**	**17,091**	**268,767**
Value (Million Baht)	**76.4**	**95.8**	**112.4**	**98.8**	**102.3**

B E N T O N I T E

Tonnes

	2006	2007	2008	2009	2010
Production					
Central Region					
Lop Buri	1,200	650	210	110	130
Total Production	**1,200**	**650**	**210**	**110**	**130**
Value (Million Baht)	**0.7**	**0.4**	**0.1**	**0.1**	**0.1**
Consumption					
Total Consumption	**-**	**-**	**-**	**10,000**	**10,000**
Value (Million Baht)	**-**	**-**	**-**	**6.0**	**6.0**
Import					
Total Import	**49,656**	**39,345**	**54,345**	**42,429**	**65,096**
Value (Million Baht)	**278.7**	**207.9**	**378.4**	**272.5**	**408.2**

C A D M I U M M E T A L

Tonnes

	2006	2007	2008	2009	2010
Consumption					
Total Consumption	**-**	**25**	**-**	**-**	**-**
Value (Million Baht)	**-**	**8.6**	**-**	**-**	**-**

C A L C I T E

Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Lamphun				25	-
Tak	-	-	686	-	-
Uttaradit	1,950	1,650	4,300	3,160	10,330
Northeastern Region					
Loei	-	-	-	-	-
Central Region					
Lop Buri	624,000	670,930	818,720	540,834	683,424
Sara Buri	-	-	-	-	-
Total Production	**625,950**	**672,580**	**823,706**	**544,019**	**693,754**
Value (Million Baht)	**123.3**	**132.5**	**162.3**	**107.2**	**136.7**
Consumption					
Total Consumption	**587,328**	**677,601**	**817,801**	**477,732**	**578,500**
Value (Million Baht)	**115.7**	**133.5**	**161.1**	**94.1**	**113.9**
Import					
Total Import	**8**	**1,672**	**1,109**	**-**	**-**
Value (Million Baht)	**0.0***	**5.4**	**3.5**	**-**	**-**

0.0* denoting the amount of less than 0.05 million baht

C E M E N T C L A Y

Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Lampang	-	-	97,677	74,224	443,966
Nakhon Sawan	-	-	375,600	-	76,525
Northeastern Region					
Nakhon Ratchasima	-	-	418,453	695,256	2,709,729
Central Region					
Lop Buri	-	27,757	169,761	236,511	226,014
Prachin Buri	-	-	205,000	232,377	1,093,728
Ratcha Buri	-	-	11,500	15,000	-
Sara Buri	-	43,258	1,246,219	2,629,811	2,849,061
Sing Buri	-	-	-	-	10,000
Southern Region					
Nakhon Si Thammarat	-	45,167	1,229,407	1,011,150	841,800
Total Production	**-**	**116,182**	**3,753,617**	**4,894,329**	**8,250,823**
Value (Million Baht)	**-**	**10.5**	**337.8**	**440.5**	**742.6**
Consumption					
Total Consumption	**-**	**94,999**	**3,692,042**	**4,876,744**	**6,833,705**
Value (Million Baht)	**-**	**8.5**	**332.3**	**438.9**	**615.0**

C E R A M I C C L A Y

Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Chiang Rai	-	-	600	9113	12044
Lampang	-	75	5,067	4,651	9,148
Northeastern Region					
Chaiyaphum	-	-	-	111,700	547,000
Central Region					
Nakhon Nayok	-	-	185,960	-	-
Sara Buri	-	-	114,500	128,500	188,470
Sing Buri	-	-	35,100	18,500	172,500
Total Production	**-**	**75**	**341,227**	**272,464**	**929,162**
Value (Million Baht)	**-**	**0.0***	**187.7**	**149.9**	**511.0**
Consumption					
Total Consumption	**-**	**45**	**135,241**	**226,849**	**233,286**
Value (Million Baht)	**-**	**0.0***	**74.4**	**124.8**	**128.3**

0.0* denoting the amount of less than 0.05 million baht

C O P P E R M E T A L

Tonnes

	2006	2007	2008	2009	2010
Production (ore)					
Northeastern Region					
Loei	-	0.5	0.5	0.2	723
Total Production	**-**	**0.5**	**0.5**	**0.2**	**723**
Value (Million Baht)	**-**	**0.1**	**0.1**	**0.0***	**168.5**
Export					
1. Metal					
Asia					
Hong Kong	-	0.5	0.5	0.2	723
Total Export	**-**	**0.5**	**0.5**	**0.2**	**723**
Value (Million Baht)	**-**	**0.1**	**0.1**	**0.0***	**168.5**
2. Dross					
Europe					
Belgium	-	-	-	86	44
Total Export	**-**	**-**	**-**	**86**	**44**
Value (Million Baht)	**-**	**-**	**-**	**14.6**	**14.7**
3. Powder					
Europe					
U.K	-	-	-	-	4
Total Export	**-**	**-**	**-**	**-**	**4**
Value (Million Baht)	**-**	**-**	**-**	**-**	**1.2**
Consumption					
Total Consumption	**117**	**514**	**419**	**441**	**833**
Value (Million Baht)	**2.3**	**87.3**	**109.6**	**76.9**	**193.5**
Import (ore)					
Total Import	**10,056**	**74,624**	**16**	**25**	**374**
Value (Million Baht)	**1,428.4**	**4,635.5**	**0.2**	**0.6**	**4.9**

0.0* denoting the amount of less than 0.05 million baht

D I A T O M I T E

Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Lampang	1,344	1,260	4,075	5,600	7,100
Total Production	**1,344**	**1,260**	**4,075**	**5,600**	**7,100**
Value (Million Baht)	**1.2**	**1.1**	**3.7**	**5.0**	**6.4**
Consumption					
Total Consumption	**1,000**	**1,700**	**4,400**	**5,730**	**7,625**
Value (Million Baht)	**0.9**	**1.5**	**4.0**	**5.2**	**6.9**

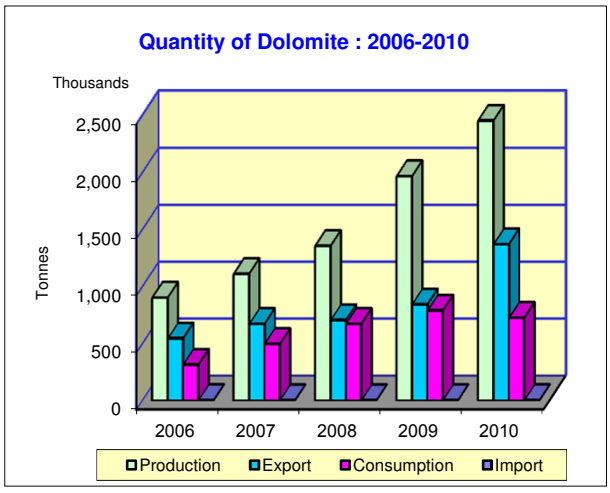
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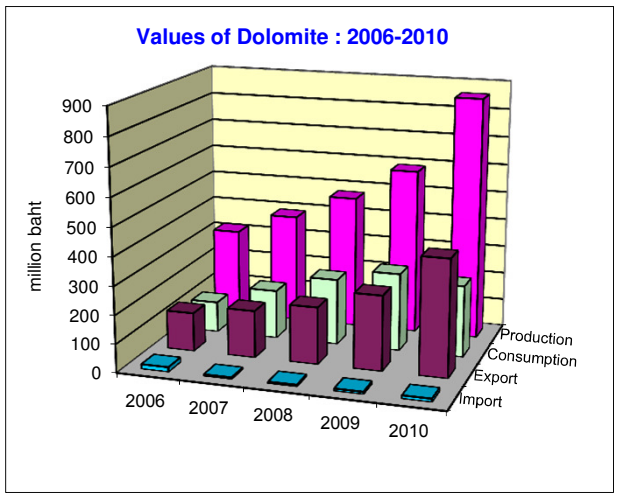
Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Phetchabun	7,000	8,600	11,000	12,200	9,700
Phrae	8,300	6,200	4,805	4,800	4,800
Central Region					
Kanchanaburi	114,382	154,596	246,450	247,050	330,750
Southern Region					
Krabi	-	94,487	120,500	88,047	80,000
Nakhon Si Thammarat	-	-	-	-	-
Phangnga	152,976	115,776	184,498	134,582	121,679
Surat Thani	592,605	623,890	735,890	1,414,313	1,838,467
Trang	24,249	104,876	50,620	63,418	66,594
Total Production	**899,512**	**1,108,425**	**1,353,763**	**1,964,410**	**2,451,990**
Value (Million Baht)	**314.8**	**387.9**	**473.8**	**587.5**	**858.2**
Export					
1. Ground					
Asia					
Bangladesh	-	-	12	-	6
Japan	40	40	1,000	80	-
Laos	-	-	-	3	6
Malaysia	1,518	558	596	78	-
Myanmar	50	45	22	1400	-
Philippines	-	-	-	84	90
Total Export	**1,608**	**643**	**1,630**	**1,644**	**102**
Value (Million Baht)	**3.6**	**4.7**	**4.3**	**1.4**	**0.5**
2. Unground					
Asia					
India	-	-	-	278,500	572,130
Japan	542,020	669,210	701,070	561,580	789,140
Malaysia	448	56	1,176	128	78
Philippines	-	-	300	-	-
Vietnam	-	-	-	-	6,800
Total Export	**542,468**	**669,266**	**702,546**	**840,208**	**1,368,148**
Value (Million Baht)	**136.9**	**166.8**	**201.6**	**264.5**	**410.9**

Tonnes

	2006	2007	2008	2009	2010
Consumption					
Total Consumption	**312,052**	**494,183**	**669,702**	**786,973**	**722,216**
Value (Million Baht)	**109.2**	**173.0**	**234.4**	**275.4**	**252.8**
Import					
Total Import	**1,253**	**505**	**502**	**595**	**977**
Value (Million Baht)	**16.8**	**6.2**	**6.3**	**8.5**	**11.6**





F E L D S P A R

Tonnes

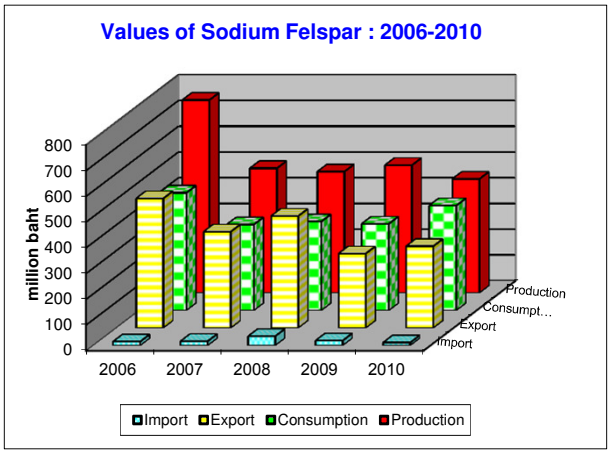
	2006	2007	2008	2009	2010
Production					
1. Potassium Feldspar (Ground)					
Northern Region					
Tak	-	-	123	120	-
Total Production	**-**	**-**	**123**	**120**	**-**
Value (Million Baht)	**-**	**-**	**0.3**	**0.3**	**-**
2. Potassium Feldspar (Unground)					
Central Region					
Kanchanaburi	4,080	2,330	330	9,630	8,920
Prachuap Khiri Khan	287	108	93	142	140
Total Production	**4,367**	**2,438**	**423**	**9,772**	**9,060**
Value (Million Baht)	**7.4**	**4.1**	**0.7**	**16.6**	**15.4**
3. Sodium Feldspar (Ground)					
Northern Region					
Tak	7,702	9,685	3,191	65	120
Total Production	**7,702**	**9,685**	**3,191**	**65**	**120**
Value (Million Bath)	**10.8**	**13.6**	**4.5**	**0.1**	**0.2**
4. Sodium Feldspar (Unground)					
Northern Region					
Tak	265,230	172,935	144,006	162,648	164,047
Central Region					
Kanchanaburi	2,000	25,500	-	1,260	920
Ratchaburi	23,007	59,200	41,300	67,300	90,900
Southern Region					
Nakhon Si Thammarat	765,378	414,910	481,575	477,527	376,853
Total Production	**1,055,615**	**672,545**	**666,881**	**708,735**	**632,720**
Value (Million Bath)	**738.9**	**470.8**	**466.8**	**496.1**	**442.9**

Tonnes

	2006	2007	2008	2009	2010
Export					
1. Sodium Feldspar (Ground)					
Asia					
Bangladesh	17,600	14,300	8,810	12,400	23,300
China	-	-	54,750	-	-
Hong Kong	-	16,500	-	-	62,900
India	30,850	28,250	-	6,300	15,800
Indonesia	18,844	24,224	41,791	38,852	60,452
Japan	-	90	-	-	-
Kuwait	-	-	28,599	-	-
Malaysia	130,176	80,457	56,158	66,998	108,732
Myanmar	-	-	10	-	-
Philippines	25	-	-	-	-
Singapore	-	8,500	-	-	-
U.A.E.	142,545	87,750	170,300	159,600	87,537
Vietnam	23,685	34,761	53,496	40,453	24,461
Europe					
U.K	-	-	-	51,400	-
Total Export	**363,725**	**294,832**	**413,914**	**376,003**	**383,181**
Value (Million Baht)	**282.6**	**230.6**	**330.8**	**289.1**	**317.6**
2. Sodium Feldspar (Unground)					
Asia					
Bangladesh	11,731	26,500	19,358	-	-
India	14,040	-	-	-	-
Indonesia	12,200	-	-	-	17,500
Malaysia	79,706	61,095	11,616	-	17,300
U.A.E.	156,221	116,256	101,164	-	31,500
Vietnam	33,000	8,500	20,933	-	-
Total Export	**306,898**	**212,351**	**153,071**	**-**	**66,300**
Value (Million Baht)	**220.8**	**143.6**	**104.2**	**-**	**50.9**

Tonnes

	2006	2007	2008	2009	2010
Consumption					
1. Potassium Feldspar - ground	**-**	**-**	**45**	**52**	**-**
Value (Million Baht)	**-**	**-**	**0.1**	**0.1**	**-**
2. Potassium Feldspar - Unground	**4,520**	**2,070**	**1,004**	**2,906**	**3,330**
Value (Million Baht)	**7.7**	**3.6**	**1.7**	**4.9**	**5.7**
3. Sodium Feldspar - ground	**277,042**	**193,860**	**201,745**	**170,723**	**171,233**
Value (Million Baht)	**387.9**	**271.4**	**282.4**	**239.0**	**239.7**
4. Sodium Feldspar - Unground	**98,711**	**89,245**	**90,205**	**139,750**	**239,877**
Value (Million Baht)	**69.1**	**62.5**	**63.1**	**97.8**	**167.9**
Import					
1. Potassium Feldspar	**16,935**	**34,448**	**32,446**	**28,996**	**25,928**
Value (Million Baht)	**46.6**	**70.9**	**100.9**	**89.5**	**81.4**
2. Sodium Feldspar	**4,127**	**7,098**	**16,592**	**7,850**	**3,010**
Value (Million Baht)	**15.2**	**16.8**	**35.8**	**19.0**	**11.1**
3. Other Feldspar	**21,653**	**15,598**	**14,339**	**3,590**	**3,891**
Value (Million Baht)	**61.4**	**47.3**	**49.4**	**22.3**	**24.0**



F L U O R I T E

Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Lamphun	2,450	30	16,079	81,670	694
Mae Hong Son	790	1,790	10,039	3,775	1,465
Phrae	-	-	-	-	63
Central Region					
Kanchanaburi	-	-	-	920	-
Total Production	**3,240**	**1,820**	**26,118**	**86,365**	**2,222**
Value (Million Baht)	**13.2**	**7.4**	**106.2**	**351.1**	**9.0**
Consumption					
Total Consumption	**626**	**3,182**	**19,756**	**7,622**	**1,412**
Value (Million Baht)	**2.5**	**12.9**	**80.3**	**30.9**	**5.7**
Import					
Total Import	**924**	**619**	**841**	**472**	**508**
Value (Million Baht)	**13.6**	**12.7**	**11.2**	**10.8**	**9.8**

GEM STONE

Gram

	2006	2007	2008	2009	2010
Production					
Central Region					
Kanchanaburi	16,112	20,490	6,381	570	240
Total Production	**16,112**	**20,490**	**6,381**	**570**	**240**
Value (Million Baht)	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
Consumption					
Total Consumption	**16,112**	**20,789**	**6,378**	**610**	**240**
Value (Million Baht)	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**

G L A S S S A N D

Tonnes

	2006	2007	2008	2009	2010
Production					
Central Region					
Chanthaburi	247,017	262,291	220,278	193,485	108,790
Rayong	612,330	576,780	273,470	162,050	215,195
Trat	2,100	5,000	2,100	2,050	-
Southern Region					
Chumphon	400	-	-	-	-
Total Production	**861,847**	**844,071**	**495,848**	**357,585**	**323,985**
Value (Million Baht)	**301.7**	**295.4**	**173.5**	**125.2**	**113.4**
Consumption					
Total Consumption	**859,240**	**828,020**	**486,790**	**355,133**	**364,215**
Value (Million Baht)	**300.7**	**289.8**	**170.4**	**124.3**	**127.5**
Import					
Total Import	**33,472**	**58,251**	**66,685**	**31,013**	**28,195**
Value (Million Baht)	**96.4**	**168.4**	**258.3**	**106.2**	**94.6**

G N E I S S

Tonnes

	2006	2007	2008	2009	2010
Production					
Central Region					
Prachuap Khiri Khan	270	150	-	-	-
Total Production	**270**	**150**	**-**	**-**	**-**
Value (Million Baht)	**1.1**	**0.6**	**-**	**-**	**-**
Consumption					
Total Consumption	**43**	**42**	**109**	**46**	**100**
Value (Million Baht)	**0.2**	**0.2**	**0.4**	**0.2**	**0.4**

G O L D

Gram

	2006	2007	2008	2009	2010
Production					
Northern Region					
Phetchabun	-	1,246,475	283,190	1,747,780	1,236,195
Phichit	3,470,000	1,226,385	1,434,150	2,776,730	2,117,256
Northeastern Region					
Loei	-	928,524	1,003,806	341,623	692,116
Total Production	**3,470,000**	**3,401,384**	**2,721,146**	**4,866,133**	**4,045,567**
Value (Million Baht)	**2,546.0**	**2,610.4**	**2,527.7**	**5,235.0**	**5,023.0**
Export					
Asia					
Hong Kong	-	3,401,384	2,721,146	4,866,133	4,045,567
Australia / Oceania					
Australia	3,470,000	-	-	-	-
Total Export	**3,470,000**	**3,401,384**	**2,721,146**	**4,866,133**	**4,045,567**
Value (Million Baht)	**2,545.9**	**2,610.4**	**2,527.7**	**5,235.0**	**5,023.0**

G R A N I T E

Tonnes

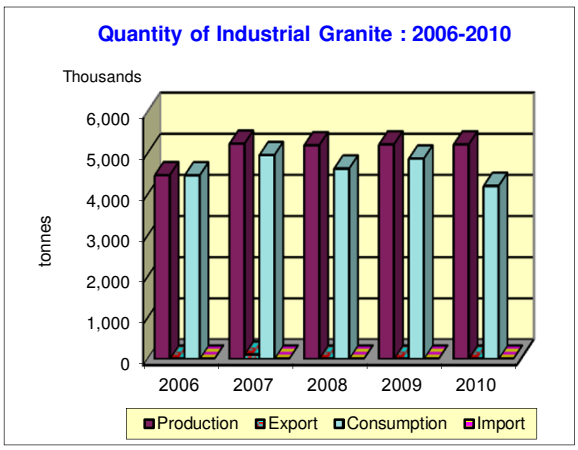
	2006	2007	2008	2009	2010
Production					
1. Dimension Stone*					
Northern Region					
Kamphaeng Phet	-	-	30	-	-
Nakhon Sawan	563	576	484	267	250
Phetchabun	-	-	-	-	-
Phichit	-	50	10	15	66
Tak	6,756	8,152	6,148	4,780	4,303
Northeastern Region					
Loei	-	-	2,000	-	-
Central Region					
Cha Choeng Sao	832	507	503	500	500
Nakhon Nayok	50	20	20	-	40
Phetchaburi	-	470	500	-	-
Prachuap Khiri Khan	-	500	704	790	965
Ratchaburi	120	240	180	-	-
Total Production	**8,321**	**10,515**	**10,579**	**6,352**	**6,123**
Value (Million Baht)	**41.6**	**53.5**	**54.0**	**32.4**	**31.2**
2. Industrial Rock					
Northern Region					
Nakhon Sawan	-	-	-	22000	22000
Tak	76,000	83,500	116,500	66,900	66,900
Central Regrion					
Cha Chaeng Sao	160,706	151,977	158,720	88,580	88,580
Chon Buri	1,812,778	2,403,040	2,302,282	2,192,347	2,192,347
Kanchanaburi	3,000	20,000	-	4,000	4,000
Prachuap Khiri Khan	70,398	64,485	31,551	49,215	49,215
Rayong	999,572	1,056,128	1,265,476	1,427,747	1,427,747
Southern Region					
Nakhon Si Thammarat	-	30,000	16,030	20,000	20,000
Narathiwat	615,311	540,368	436,681	518,912	518,912
Phangnga	173,702	374,441	371,013	353,914	353,914
Songkhla	551,086	504,981	491,576	466,689	466,689
Total Production	**4,462,553**	**5,228,920**	**5,189,829**	**5,210,304**	**5,210,304**
Value (Million Baht)	**446.3**	**522.8**	**614.1**	**703.4**	**703.4**

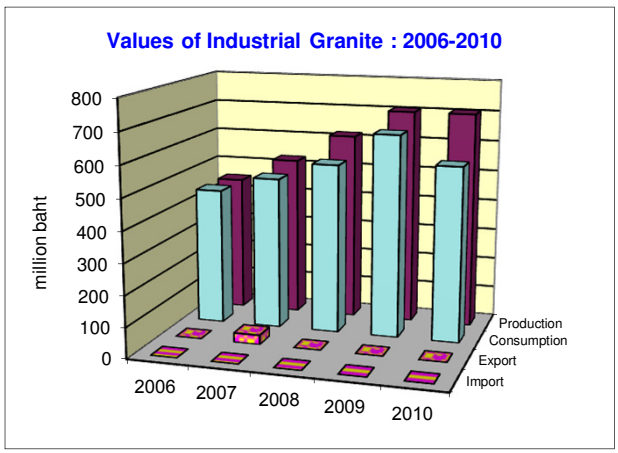
* unit : cubic meter

Tonnes

	2006	2007	2008	2009	2010
Export					
Industrial Rock					
Asia					
Singapore	-	103,300	-	-	-
Total Export	**-**	**103,300**	**-**	**-**	**-**
Value (Million Baht)	**-**	**30.5**	**-**	**-**	**-**
Consumption					
1. Dimension Stone *	**8,532**	**9,652**	**7,628**	**6,102**	**54,553**
Value (Million Baht)	**42.7**	**49.1**	**38.9**	**31.1**	**278.2**
2. Industrial Rock	**4,455,694**	**4,949,476**	**4,620,994**	**4,865,279**	**4,199,593**
Value (Million Baht)	**445.6**	**495.0**	**551.5**	**656.8**	**566.9**
Import (Dimension Stone)					
Total Import	**158,806**	**258,084**	**138,162**	**137,656**	**138,476**
Value (Million Baht)	**664.0**	**555.0**	**538.7**	**553.7**	**476.9**

* unit : cubic meter





G R A V E L

Tonnes

	2006	2007	2008	2009	2010
Export					
Asia					
Malaysia	191	292	248	271	314
Singapore	189	263	584	650	624
Total Export	**380**	**555**	**832**	**921**	**938**
Value (Million Baht)	**1.6**	**1.8**	**3.3**	**3.6**	**2.9**

G R A Y W A C K E

Tonnes

	2006	2007	2008	2009	2010
Production					
Central Region					
Chanthaburi	296,059	335,761	270,067	319,757	416,059
Trat	255,400	462,313	478,506	410,840	552,631
Total Production	**551,459**	**798,074**	**748,573**	**730,597**	**968,690**
Value (Million Baht)	**38.6**	**55.9**	**65.1**	**76.7**	**101.7**
Consumption					
Total Consumption	**508,759**	**744,666**	**719,682**	**765,450**	**914,307**
Value (Million Baht)	**35.6**	**52.1**	**61.8**	**80.4**	**96.0**

G Y P S U M

Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Nakhon Sawan	1,901,482	2,244,505	2,136,914	2,080,437	2,192,970
Phichit	496,081	330,169	332,730	246,847	455,466
Southern Region					
Nakhon Si Thammarat	1,622,859	2,306,606	2,192,358	1,695,715	1,602,656
Surat Thani	4,334,479	3,762,111	3,838,399	4,608,798	5,921,537
Total Production	**8,354,901**	**8,643,391**	**8,500,401**	**8,631,797**	**10,172,629**
Value (Million Baht)	**4,208.6**	**3,963.7**	**3,861.3**	**4,788.3**	**5,270.4**
Export					
1. Ground					
Asia					
Bangladesh	-	84	105	-	-
Indonesia	24	24	-	-	-
Japan	1,844	2,068	1,898	1,478	1,340
Korea, south	3	-	-	-	-
Malaysia	24	72	6,934	-	-
Myanmar	96	-	-	-	80
Si Lanka	79	20	-	-	-
Taiwan	280	350	185	280	913
Turkey	15	-	-	-	-
Australia / Oceania					
Australia	321	480	528	-	-
New Zealand	-	-	24	-	-
Europe					
Portugal	-	20	-	-	-
Total Export	**2,686**	**3,118**	**9,674**	**1,758**	**2,333**
Value (Million Baht)	**9.1**	**10.7**	**15.5**	**6.3**	**6.9**

Tonnes

	2006	2007	2008	2009	2010
2. Unground					
Asia					
Bangladesh	249,220	330,850	394,326	481,300	467,148
Brunei	13,200	6,600	14,000	15,650	15,950
Cambodia	-	16500	36,600	36,500	36,000
China	31,500	11,000	11,000	6,020	6,020
Hong Kong	6,000	-	-	-	-
India	404,461	347,715	572,112	935,845	1,186,080
Indonesia	1,162,315	1,370,686	1,261,382	1,193,925	1,357,778
Japan	890,560	1,132,796	794,083	706,336	572,500
Korea,South	243,400	116,900	66,480	46,500	65,600
Malaysia	913,597	1,085,504	1,127,599	967,168	1,070,470
Philippines	115,900	214,140	308,800	125,560	282,635
Singapore	8,700	7,500	5,000	4,100	4,500
Sri Lanka	58,170	77,020	103,750	50,470	92,720
Taiwan	405,520	512,800	209,600	99,200	184,100
Vietnam	745,520	971,930	1,083,460	1,295,070	1,587,766
Africa					
Cote d'Ivoire (Ivory Cote)	-	-	-	17,000	-
Madagascar	-	-	8,000	-	5,000
New Caledonia	2,750	-	-	-	-
Reunion (La Reunion)	-	-	18,000	9,400	18,000
South Africa	19,900	22,000	-	-	-
Tanzania	-	-	-	-	41,353
Australia / Oceania					
Australia	16,618	720	19,030	356	-
Fiji	21,450	-	-	-	-
Total Export	**5,308,781**	**6,224,661**	**6,033,222**	**5,990,400**	**6,993,620**
Value(Million Baht)	**2,618.8**	**2,808.8**	**2,820.5**	**3,252.3**	**3,572.8**

Consumption

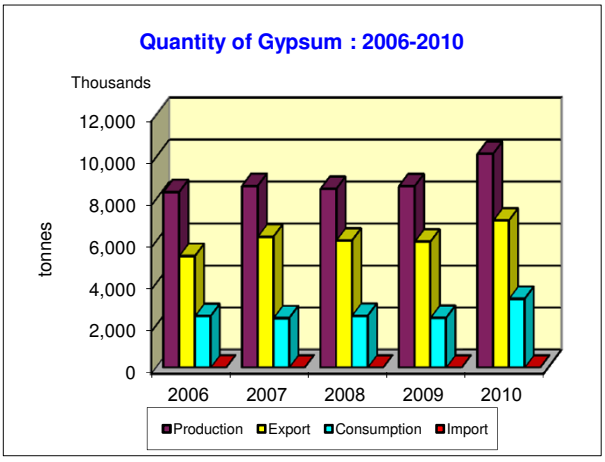
Total Consumption	**2,448,992**	**2,352,592**	**2,467,276**	**2,363,350**	**3,271,973**
Value (Million Baht)	**1,236.9**	**1,080.5**	**1,121.7**	**1,312.2**	**1,685.1**

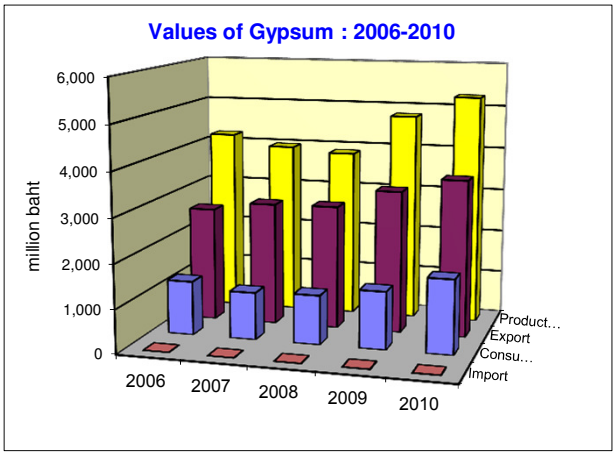
Import

Total Import	**3,745**	**605**	**470**	**452**	**522**
Value (Million Baht)	**6.3**	**6.2**	**7.2**	**8.5**	**9.0**

Tonnes

	2006	2007	2008	2009	2010





I L M E N I T E

Tonnes

	2006	2007	2008	2009	2010
Production					
Southern Region					
Yala	-	2,067	-	-	-
Total Production	**-**	**2,067**	**-**	**-**	**-**
Value (Million Baht)	**-**	**14.5**	**-**	**-**	**-**
Export					
Asia					
China	-	324	850	210	-
India	40	-	-	-	-
Korea,South	481	3	10,053	-	-
Malaysia	-	1,150	500	-	-
Philippines	-	-	-	233	210
Singapore	481	3,500	-	-	-
North America					
U.S.A.	-	-	-	-	-
Total Export	**1,002**	**4,977**	**11,403**	**443**	**210**
Value (Million Baht)	**1.0**	**10.3**	**24.6**	**2.3**	**0.8**
Import					
Total Import	**782**	**891**	**21,961**	**1,005**	**903**
Value (Million Baht)	**5.6**	**8.9**	**10.0**	**11.2**	**9.6**

I R O N

Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Nakhon Sawan	6,000	-	44,700	25,000	-
Phayao					74,950
Phetchabun	-	10,000	18,500	-	7,000
Uthai Thani	-	98,980	43,490	10,430	31,000
Northeastern Region					
Loei	258,289	1,445,880	1,601,450	309,513	421,297
Central Region					
Cha Choeng Sao	-	-	1,610	120,456	30,000
Chon Buri					40,500
Lop Buri	-	-	-	123,000	101,000
Southern Region					
Nakhon Si Thammarat	-	-	-	28,000	271,190
Total Production	**264,289**	**1,554,860**	**1,709,750**	**616,399**	**976,937**
Value (Million Baht)	**105.7**	**2,129.2**	**2,114.6**	**770.6**	**1,360.0**
Export					
Asia					
China	234,809	1,281,829	875,678	200,150	321,950
Hong Kong	-	-	-	-	159,065
India	-	-	1,864	-	-
Singapore	-	-	-	-	20
Total Export	**234,809**	**1,281,829**	**877,542**	**200,150**	**481,035**
Value (Million Baht)	**348.1**	**1,699.7**	**1,027.4**	**306.4**	**452.3**
Consumption					
Total Consumption	**339**	**-**	**3,200**	**96,500**	**16,000**
Value (Million Baht)	**0.1**	**-**	**4.1**	**120.1**	**22.8**
Import					
1.Iron Ore	**2,356**	**76**	**10,216**	**192,038**	**457,508**
Value (Million Baht)	**14.9**	**2.1**	**69.5**	**509.9**	**1,689.8**
2.Iron Pyrite	**188**	**231**	**243**	**189**	**314**
Value (Million Baht)	**2.9**	**3.8**	**4.5**	**3.4**	**4.2**

K A O L I N

Tonnes

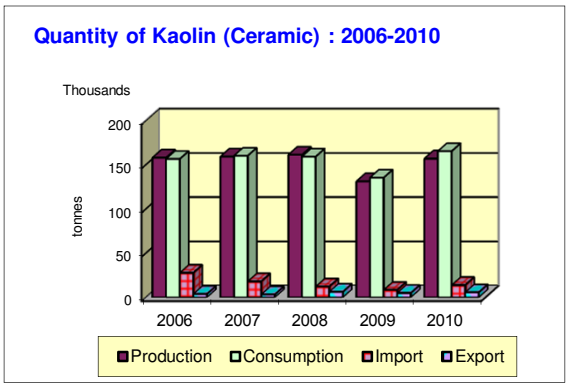
	2006	2007	2008	2009	2010
Production					
1. Kaolin (Washed)					
Northern Region					
Lampang	24,237	28,061	35,605	31,639	33,749
Central Region					
Phetchaburi	30,000	25,000	31,400	28,900	31,300
Prachin Buri	1,525	-	-	-	-
Ratchaburi	8,505	2,900	3,000	3,000	3,200
Southern Region					
Narathiwat	7,500	5,705	6,780	6,100	6,985
Ranong	86,133	97,520	84,430	61,492	81,593
Total Production	**157,900**	**159,186**	**161,215**	**131,131**	**156,827**
Value (Million Baht)	**151.6**	**152.8**	**154.8**	**125.9**	**150.6**
2. Kaolin (Unwashed)					
Northern Region					
Lampang	304,091	328,056	354,588	481,817	180,154
Uthai Thani	86,000	52,000	16,190	64,000	64,450
Uttaradit	-	1,900	4,650	5,250	7,100
Central Region					
Chanthaburi	367	290	352	6,262	28,190
Kanchanaburi	269,028	101,388	63,200	125,600	234,100
Lop Buri	16,400	33,000	23,000	9,300	51,000
Prachin Buri	-	1,509	8,981	16,517	18,000
Southern Region					
Nakhon Si Thammarat	-	-	8,482	-	-
Total Production	**675,886**	**518,143**	**479,443**	**708,746**	**582,994**
Value (Million Baht)	**260.2**	**199.5**	**184.6**	**272.9**	**224.5**

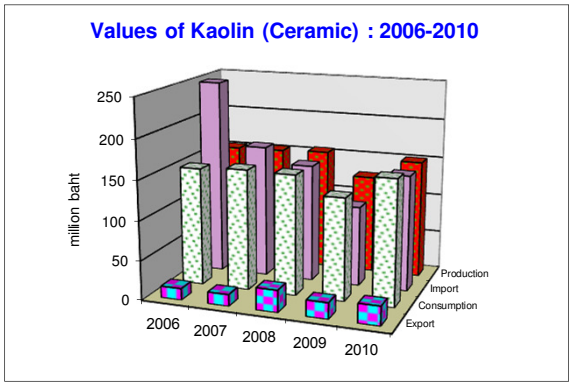
Tonnes

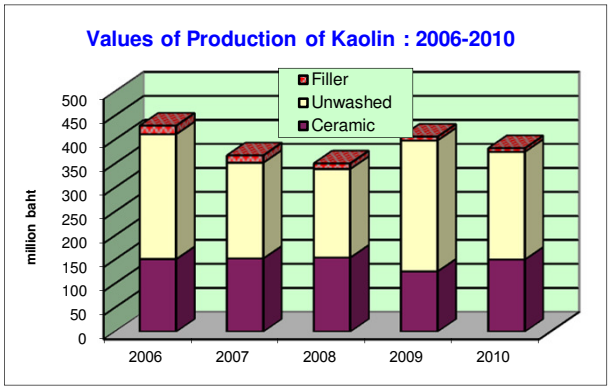
	2006	2007	2008	2009	2010
3. Kaolin (Filler)					
Northern Region					
Uttaradit	9,326	7,985	6,061	4,046	3,837
Total Production	**9,326**	**7,985**	**6,061**	**4,046**	**3,837**
Value (Million Baht)	**17.7**	**15.2**	**11.5**	**7.7**	**7.3**
Export					
1.Washed					
Asia					
Bangladesh	-	-	-	-	88
China	-	-	6	22	64
India	-	-	-	132	971
Indonesia	18	62	692	792	528
Japan	9	-	-	-	-
Malaysia	919	843	1,006	658	842
Pakistan	-	20	40	-	48
Philippines	602	370	368	192	240
Sri Lanka	-	4	48	48	-
Vietnam	2,176	1,989	4,041	3,058	2,848
Total Export	**3,724**	**3,288**	**6,201**	**4,902**	**5,629**
Value (Million Baht)	**14.7**	**14.8**	**28.0**	**20.5**	**24.5**
2. Unwashed					
Asia					
Vietnam	-	11,500	22,100	4,200	-
Total Export	**-**	**11,500**	**22,100**	**4,200**	**-**
Value (Million Baht)	**-**	**9.4**	**16.2**	**0.1**	**-**

Tonnes

	2006	2007	2008	2009	2010
Consumption					
1. Washed	156,402	160,070	159,059	135,265	165,187
Value (Million Baht)	150.1	153.7	152.7	129.9	158.6
2. Unwashed	567,375	475,664	460,689	471,121	404,635
Value (Million Baht)	218.4	183.1	175.9	181.4	155.8
3. Filler	9,326	8,585	6,111	3,774	3,837
Value (Million Baht)	17.7	16.3	11.6	7.2	7.3
Import					
1. Ceramic	27,764	18,061	12,204	8,410	13,880
Value (Million Baht)	248.3	169.0	149.7	102.0	147.3
2. Paper	22,942	7,202	11,989	4,534	5,918
Value (Million Baht)	187.9	63.4	105.0	54.9	62.5
3. Others	53,969	52,856	59,004	68,336	65,956
Value (Million Baht)	386.1	412.1	468.2	405.7	536.9







L E A D

Tonnes

	2006	2007	2008	2009	2010
Consumption (Primary Lead Metal)					
Total Consumption	**174**	**-**	**-**	**-**	**-**
Value (Million Baht)	**2.3**	**-**	**-**	**-**	**-**
Import (Lead Ore)					
Total Import	**64**	**20**	**26**	**0.2**	**283**
Value (Million Baht)	**1.3**	**0.3**	**0.4**	**0.0***	**5.5**

0.0* denoting the amount of less than 0.05 million baht

L E U C O X E N E

Tonnes

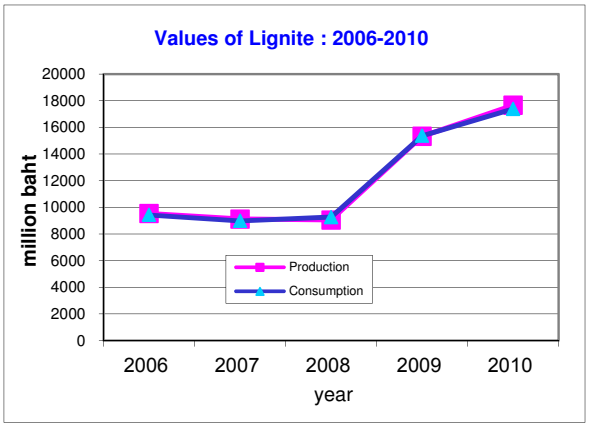
	2006	2007	2008	2009	2010
Export					
Asia					
China	-	-	1	1,512	1,224
India	-	42	-	426	256
Indonesia	-	-	24	-	273
Iran	-	600	210	-	-
Japan	-	224	-	-	-
Korea, South	-	-	21	-	-
Philippines	-	-	-	-	24
Taiwan	-	-	-	207	24
Turkey	-	-	64	292	216
Africa					
Tunisia	-	-	132	160	-
Total Export	**-**	**866**	**452**	**2,597**	**2,017**
Value (Million Baht)	**-**	**11.8**	**5.8**	**33.7**	**33.3**
Import					
Total Import	**3,527**	**5,747**	**7,371**	**4,535**	**8,080**
Value (Million Baht)	**76.2**	**125.2**	**165.5**	**122.9**	**215.2**

L I G N I T E

Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Chaing Mai	97,750	97,800	-	-	-
Lampang	18,185,998	17,721,610	17,746,831	17,576,961	18,165,299
Lamphun	217,193	4,920	133,531	181,900	160,600
Phayao	513,667	387,734	191,725	-	-
Tak	-	-	-	-	73,500
Southern Region					
Krabi	56,000	27,112	23,248	-	-
Total Production	**19,070,608**	**18,239,176**	**18,095,335**	**17,758,861**	**18,399,399**
Value (Million Baht)	**9,535.3**	**9,119.6**	**9,047.7**	**15,334.8**	**17,663.4**
Consumption					
Total Consumption	**18,852,120**	**17,970,429**	**18,531,550**	**17,842,528**	**18,117,685**
Value (Million Baht)	**9,426.1**	**8,985.2**	**9,265.8**	**15,376.6**	**17,393.0**
Import					
Total Import	**11**	**1**	**6**	**23**	**79**
Value (Million Baht)	**0.0***	**0.7**	**0.1**	**0.5**	**1.2**

0.0* denoting the amount of less than 0.05 million baht
0.0** denoting the amount of less than 0.1 tonnes



L I M E S T O N E

Tonnes

	2006	2007	2008	2009	2010
Production					
1. Cement Industry					
Northern Region					
Lampang	1,451,786	1,611,286	1,253,296	1,424,530	2,236,129
Nakhon Sawan	919,344	1,001,230	543,059	152,688	-
Northeastern Region					
Nakhon Ratchasima	42,532	27,901	55,813	34,018	36,674
Central Region					
Phetchaburi	696,689	759,958	572,482	41,270	340,471
Sara Buri	51,913,641	53,472,641	45,788,896	49,302,757	52,226,265
Southern Region					
Nakhon Si Thammarat	6,559,310	6,926,268	6,623,185	5,893,231	6,609,103
Total Production	**61,583,302**	**63,799,284**	**54,836,731**	**56,848,493**	**61,448,642**
Value (Million Baht)	**5,234.6**	**5,422.9**	**5,587.1**	**6,821.8**	**7,373.8**
2. Other Industries					
Northern Region					
Lampang	1,461,164	1,296,972	1,442,318	1,374,735	1,380,000
Northeastern Region					
Nakhon Ratchasima	138,228	95,264	18,000	21,937	80,832
Central Region					
Chai Nat	-	-	-	-	-
Kanchanaburi	2,690	2,975	1,760	310	900
Ratchaburi	-	-	-	-	-
Sara Buri	2,986,080	2,580,204	2,516,060	2,143,932	2,243,644
Southern Region					
Surat Thani	-	-	98,896	-	-
Total Production	**4,588,162**	**3,975,415**	**4,077,034**	**3,540,914**	**3,705,376**
Value (Million Baht)	**390.0**	**337.9**	**411.7**	**424.9**	**444.6**
3. Dimension Stone					
Northern Region					
Kamphaeng Phet *	-	-	-	1,820	-
Nan	185	190	60	80	-
Central Region					
Sara Buri	16	43	34	41	34
Total Production	**201**	**233**	**94**	**1,941**	**34**
Value (Million Baht)	**0.4**	**0.5**	**0.2**	**3.9**	**0.1**

Tonnes

	2006	2007	2008	2009	2010
4. Construction					
Northern Region					
Chiang Mai	1,641,971	1,521,196	1,808,243	652,600	1,306,313
Chiang Rai	1,579,105	1,390,934	519,500	1,012,145	985,120
Kamphaeng Phet	392,225	350,574	260,194	256,259	337,724
Lampang	1,053,636	750,785	686,441	1,364,858	866,873
Lamphun	1,314,120	1,581,691	1,123,179	972,689	973,310
Nakhon Sawan	2,366,232	2,619,604	1,940,248	2,260,398	3,489,484
Nan	887,000	265,000	235,000	270,450	442,000
Phayao	730,240	655,154	746,082	1,523,214	445,071
Phetchabun	1,499,378	1,682,876	1,609,653	1,839,752	2,051,249
Phitsanulok	398,618	381,376	507,000	-	103,329
Phrae	582,160	395,093	418,937	287,023	310,314
Sukhothai	392,407	572,125	964,013	574,074	988,388
Tak	496,504	416,477	328,478	309,843	320,136
Uthai Thani	241,433	232,556	165,536	254,424	342,787
Uttaradit	517,002	654,285	516,135	458,958	556,589
Northeastern Region					
Chaiyaphum	58,168	139,424	-	-	-
Khon Kaen	3,860,756	3,308,107	3,451,228	3,765,780	3,710,720
Loei	2,616,770	1,982,330	1,354,600	2,026,854	2,156,224
Nakhon Ratchasima	2,234,843	2,208,008	2,088,308	1,945,352	2,390,503
Nong Bua Lamphu	1,748,592	1,266,848	1,219,832	1,285,852	1,197,510
Udon Thani	668,870	614,255	323,118	441,600	368,712
Central Region					
Chai Nai	123,703	107,072	111,056	24,165	34,013
Chanthaburi	123,872	189,870	183,437	101,055	101,908
Chon Buri	11,010,295	10,625,510	9,358,385	8,124,039	7,610,566
Kanchanaburi	2,085,861	2,252,065	1,594,622	1,043,583	1,650,047
Lop Buri	613,108	728,665	714,152	917,772	658,671
Phetchaburi	88,000	328,836	368,474	604,721	1,018,488
Prachin Buri	924,177	968,686	594,263	319,214	100,079
Prachuap Khiri Khan	1,326,226	1,378,084	1,061,118	796,928	1,154,890
Ratchaburi	5,365,248	5,704,176	4,878,213	4,663,175	2,918,732
Rayong	772,776	669,900	627,245	630,230	617,715
Sa Kaeo	382,916	283,023	245,528	240,974	261,662
Sara Buri	14,110,288	13,199,173	10,442,197	10,648,244	9,488,282
Suphan Buri	8,981,471	8,916,270	8,937,564	9,108,539	10,891,410

Tonnes

	2006	2007	2008	2009	2010
Southern Region					
Chumphon	1,024,291	1,046,878	677,383	1,438,316	553,707
Krabi	813,639	751,659	1,035,333	612,929	744,135
Nakhon Si Thammarat	4,187,046	6,891,878	3,976,845	3,828,089	3,687,151
Phangnga	759,578	805,795	714,667	686,536	613,557
Phatthalung	122,795	125,547	143,313	155,323	204,008
Satun	649,249	642,767	869,094	282,500	511,526
Songkhla	1,139,940	1,201,410	967,080	1,254,452	506,550
Surat Thani	2,042,879	2,393,872	3,331,752	1,479,692	2,218,459
Trang	572,940	492,436	595,022	757,565	316,540
Yala	798,904	734,373	726,925	970,478	429,569
Total Production	**83,299,232**	**83,426,643**	**72,419,391**	**70,190,643**	**69,634,022**
Value (Million Baht)	**5,831.0**	**5,839.9**	**6,204.9**	**7,370.0**	**7,311.6**

Export

1. Construction

Asia					
Bangladesh	30,000	-	-	30,900	53,737
Cambodia	-	-	2,960	600	-
India	782,885	610,374	1,157,099	1,186,826	202,750
Laos	-	-	105	-	-
Malaysia	-	7	3,600	-	-
Singapore	-	39,612	-	-	-
Vietnam					60
Australia / Oceania					
New Zealand	-	-	7	-	-
Europe					
Germany	-	1	-	3	1
North America					
Mexico	-	16	-	-	-
U.S.A.	-	-	-	-	-
Total Export	**812,885**	**650,010**	**1,163,771**	**1,218,329**	**256,548**
Value (Million Baht)	**266.8**	**239.0**	**460.0**	**487.7**	**88.5**

Tonnes

	2006	2007	2008	2009	2010
2. Other Industries					
Asia					
Cambodia	-	472	-	2,254	1,560
India	-	-	-	300	-
Laos	93	16,774	-	-	-
Japan	-	-	4	-	-
Malaysia	-	5	-	1	-
Myanmar	-	-	1	0.3	-
Taiwan	-	-	460	-	-
Vietnam	-	-	4	11	5
Africa					
Nigeria	-	-	-	-	2
South Africa	-	-	5	59	-
Australia / Oceania					
Australia	-	20	-	45	120
French Polynesia	-	-	24	-	-
Europe					
Germany	-	2	-	-	-
Total Export	**93**	**17,273**	**498**	**2,669**	**1,687**
Value (Million Baht)	**0.2**	**55.7**	**1.3**	**4.3**	**3.5**

Consumption

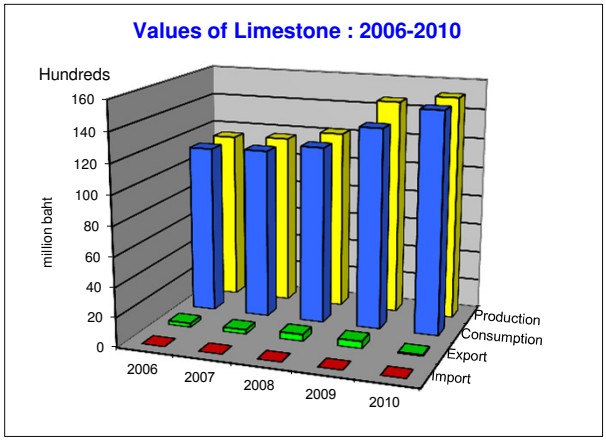
1. Cement Industry	**64,108,600**	**62,361,409**	**55,969,381**	**54,882,205**	**60,614,383**
Value (Million Baht)	**5,449.2**	**5,300.7**	**5,712.2**	**6,585.9**	**7,273.7**
2. Construction	**80,042,761**	**83,595,220**	**68,801,246**	**62,552,086**	**69,205,206**
Value (Million Baht)	**5,603.0**	**5,851.7**	**5,896.6**	**6,568.0**	**7,266.5**
3. Dimension Stone	**166**	**43**	**34**	**41**	**34**
Value (Million Baht)	**0.3**	**0.1**	**0.1**	**0.1**	**0.1**
4. Other Industries	**3,767,745**	**4,036,792**	**3,908,735**	**3,266,563**	**3,383,776**
Value (Million Baht)	**320.3**	**343.1**	**394.8**	**391.9**	**406.1**

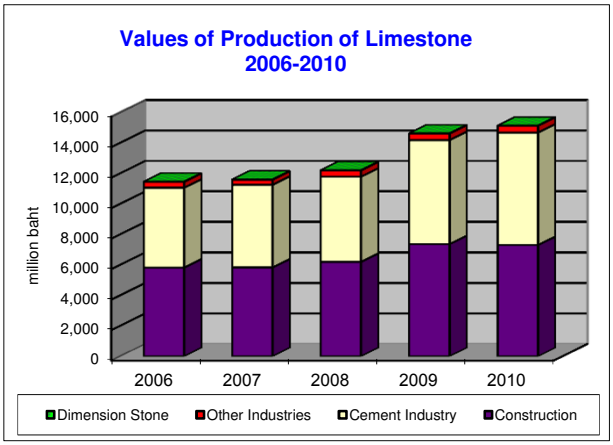
Import

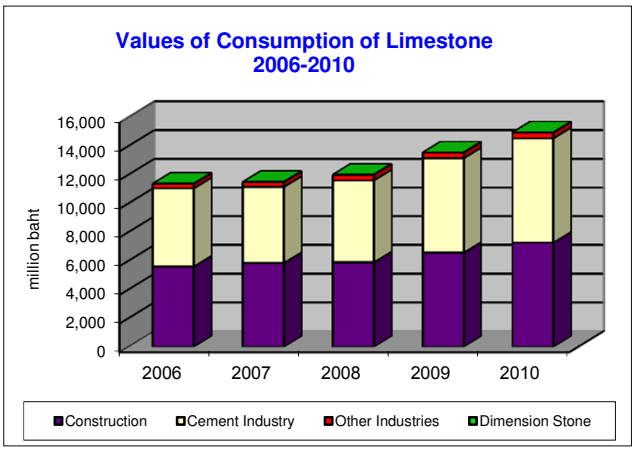
Total Import	**416**	**441**	**2,072**	**4,045**	**76**
Value (Million Baht)	**2.5**	**3.7**	**2.2**	**3.8**	**2.4**

Tonnes

	2006	2007	2008	2009	2010







M A N G A N E S E

Tonnes

	2006	2007	2008	2009	2010
Production					
Metallurgical grade					
Northern Region					
Chiang Mai	-	-	-	23,500	1,650
Chiang Rai	1,000	9,500	500	16,430	17,800
Lamphun	-	-	-	25,000	31,000
Northeastern Region					
Loei	-	-	110,500	-	-
Total Production	**1,000**	**9,500**	**111,000**	**64,930**	**50,450**
Value (Million Baht)	**1.0**	**9.6**	**112.3**	**187.5**	**146.3**
Export					
Metallurgical grade					
Asia					
Bangladesh					1,234
China	2,180	3,308	70	19,055	57,075
India					1,389
Malaysia	-	-	-	-	1
Total Export	**2,180**	**3,308**	**70**	**19,055**	**59,699**
Value (Million Baht)	**3.5**	**5.3**	**0.1**	**56.6**	**754.0**
Consumption					
Total Consumption	**-**	**-**	**10,425**	**11,500**	**54,415**
Value (Million Baht)	**-**	**-**	**10.6**	**33.4**	**157.8**
Import					
Total Import	**343**	**201**	**694**	**50**	**4530**
Value (Million Baht)	**8.0**	**13.7**	**9.5**	**1.6**	**17.8**

M A R B L E

Cubic metre

	2006	2007	2008	2009	2010
Production					
1. Dimension Stone					
Northern Region					
Kamphaeng Phet	3,150	1,671	3,716	-	2,469
Lampang	720	671	974	1,140	-
Nakhon Sawan	20	20	60	-	25
Sukhothai	1,621	2,181	1,759	2,303	2,229
Uttaradit	36	-	-	-	835
Northeastern Region					
Nakhon Ratchasima	1,549	964	101	903	779
Central Region					
Chai Nat	480	-	-	-	-
Kanchanaburi	-	-	-	30	-
Sa Kaeo	110	-	-	-	-
Sara Buri	7,257	8,430	4,405	6,460	5,760
Total Production	**14,943**	**13,937**	**11,015**	**10,836**	**12,097**
Value (Million Baht)	**53.8**	**51.1**	**40.7**	**40.1**	**44.8**
2. Fragment					
Northern Region					
Kamphaeng Phet	120,511	152,570	120,455	152,306	215,284
Lampang	-	2,480	-	-	-
Sukhothai	175,603	199,983	4,598	21,795	-
Tak	2,400	36,400	41,137	42,803	73,773
Uttaradit	-	-	-	4,000	750
Central Region					
Sara Buri	234,124	443,436	487,725	503,476	477,330
Total Production	**532,638**	**834,869**	**653,915**	**724,380**	**767,137**
Value (Million Baht)	**119.8**	**187.8**	**147.1**	**163.0**	**249.3**

Cubic metre

	2006	2007	2008	2009	2010
Consumption					
1. Dimension Stone	**16,631**	**14,385**	**10,590**	**68,994**	**182,996**
Value (Million Baht)	**59.9**	**52.8**	**39.1**	**255.3**	**677.1**
2. Fragment	**538,645**	**940,381**	**628,165**	**851,561**	**1,078,912**
Value (Million Baht)	**121.2**	**211.6**	**141.3**	**191.6**	**350.6**
Import					
Total Import	**30,267**	**32,166**	**39,215**	**39,806**	**45,010**
Value (Million Baht)	**201.4**	**231.9**	**301.0**	**313.4**	**322.0**

M A R L

Tonnes

	2006	2007	2008	2009	2010
Production					
Central Region					
Sara Buri	68,700	31,750	41,720	98,000	68,000
Total Production	**68,700**	**31,750**	**41,720**	**98,000**	**68,000**
Value (Million Baht)	**5.8**	**2.7**	**3.5**	**8.3**	**5.8**
Consumption					
Total Consumption	**77,600**	**31,550**	**41,900**	**86,550**	**69,550**
Value (Million Baht)	**6.6**	**2.7**	**3.6**	**7.4**	**5.9**

M I C A

Tonnes

	2006	2007	2008	2009	2010
Import					
Total Import	**4,360**	**5,176**	**4,904**	**2,991**	**5,504**
Value (Million Baht)	**79.2**	**98.4**	**107.2**	**80.7**	**125.3**

M O N A Z I T E

Tonnes

	2006	2007	2008	2009	2010
Export					
Asia					
China	897	6,402	4,615	6,510	9,345
India	-	-	-	105	-
Korea, South	100	100	120	60	60
Philippines	-	-	84	-	-
Taiwan	-	20	-	-	-
North America					
Canada	-	496	-	-	-
U.S.A.	-	-	-	-	-
Total Export	**997**	**7,018**	**4,819**	**6,675**	**9,405**
Value (Million Baht)	**17.2**	**105.1**	**97.4**	**180.8**	**284.3**
Import					
Total Import	**-**	**2**	**-**	**-**	**-**
Value (Million Baht)	**-**	**0.0***	**-**	**-**	**-**

0.0*denoting the amount of less than 0.05 million baht

P E R L I T E

Tonnes

	2006	2007	2008	2009	2010
Production					
Central Region					
Lop Buri	22,000	6,400	7,000	13,500	14,700
Total Production	**22,000**	**6,400**	**7,000**	**13,500**	**14,700**
Value (Million Baht)	**15.5**	**4.5**	**4.9**	**9.5**	**10.4**
Consumption					
Total Consumption	**14,300**	**15,600**	**16,625**	**11,350**	**11,634**
Value (Million Baht)	**10.1**	**11.0**	**11.7**	**8.0**	**8.2**

P H O S P H A T E

Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Kamphaeng Phet	-	-	-	-	822
Lamphun	-	1,850	925	50	34,210
Central Region					
Kanchanaburi	-	-	300	-	-
Phetchaburi	900	1,700	2,250	608	751
Ratchaburi	-	-	-	-	-
Total Production	**900**	**3,550**	**3,475**	**658**	**35,783**
Value (Million Baht)	**0.4**	**1.5**	**1.4**	**0.3**	**14.9**
Consumption					
Total Consumption	**1,114**	**2,500**	**2,475**	**12,506**	**2,316**
Value (Million Baht)	**0.5**	**1.0**	**1.0**	**5.2**	**1.0**
Import					
1. Ground	**1,182**	**11,920**	**10,530**	**11,670**	**356**
Value (Million Baht)	**6.0**	**34.8**	**46.2**	**66.6**	**3.0**
2. Unground	**20,250**	**1**	**-**	**-**	**11,000**
Value (Million Baht)	**56.2**	**0.3**	**-**	**-**	**25.0**

P Y R O P H Y L L I T E

Tonnes

	2006	2007	2008	2009	2010
Production					
Central Region					
Sara Buri	131,843	415,420	106,600	124,384	2,205
Total Production	**131,843**	**415,420**	**106,600**	**124,384**	**2,205**
Value (Million Baht)	**46.1**	**145.4**	**37.3**	**43.5**	**0.8**
Export					
Asia					
China	20	-	-	-	-
Indonesia	2,282	2,620	2,813	1,500	880
Malaysia	120	122	69	103	198
Vietnam	1,100	1,560	2,800	1,040	1,500
Total Export	**3,522**	**4,302**	**5,682**	**2,643**	**2,578**
Value (Million Baht)	**11.1**	**12.7**	**16.0**	**8.6**	**7.2**
Consumption					
Total Consumption	**154,052**	**249,536**	**84,336**	**5,630**	**2,205**
Value (Million Baht)	**53.9**	**87.3**	**29.5**	**2.0**	**0.8**
Import					
Total Import	**-**	**187**	**-**	**-**	**-**
Value (Million Baht)	**-**	**1.1**	**-**	**-**	**-**

Q U A R T Z

Tonnes

	2006	2007	2008	2009	2010
Production					
1. Ground					
Northern Region					
Tak	2,697	3,874	2,290	2,144	2,994
Total Production	**2,697**	**3,874**	**2,290**	**2,144**	**2,994**
Value (Million Baht)	**2.0**	**2.9**	**1.7**	**1.6**	**2.2**
2. Unground					
Central Region					
Kanchanaburi	-	-	500	10,180	38,870
Phetchaburi	200	1,050	500	-	-
Southern Region					
Nakhon Si Thammarat	-	-	-	630	2,200
Total Production	**200**	**1,050**	**1,000**	**10,810**	**41,070**
Value (Million Baht)	**0.2**	**0.8**	**0.8**	**8.1**	**30.8**
3. Industrial Rock					
Central Region					
Kanchanaburi	-	-	-	-	5,000
Total Production	**-**	**-**	**-**	**-**	**5,000**
Value (Million Baht)	**-**	**-**	**-**	**-**	**0.5**
Export					
Ground					
Asia					
Taiwan	-	-	-	300	300
Total Export	**-**	**-**	**-**	**300**	**300**
Value (Million Baht)	**-**	**-**	**-**	**1.1**	**1.1**

Tonnes

	2006	2007	2008	2009	2010
Consumption					
1. Ground	**4,011**	**934**	**2,410**	**2,494**	**2,908**
Value (Million Baht)	**3.0**	**0.7**	**1.8**	**1.9**	**2.2**
2. Unground	**250**	**200**	**100**	**4,250**	**29,433**
Value (Million Baht)	**0.2**	**0.2**	**0.1**	**3.2**	**22.1**
3. Industrial Rock	**-**	**-**	**-**	**-**	**200**
Value (Million Baht)	**-**	**-**	**-**	**-**	**0.0***
Import					
Total Import	**2,549**	**3,499**	**1,884**	**2,595**	**2,572**
Value (Million Baht)	**7.1**	**11.3**	**8.4**	**10.9**	**23.5**

0.0* denoting the amount of less than 0.05 million baht

R H Y O L I T E

Tonnes

	2006	2007	2008	2009	2010
Production					
Central Region					
Sara Buri	705,630	776,061	288,056	217,462	313,631
Total Production	**705,630**	**776,061**	**288,056**	**217,462**	**313,631**
Value (Million Baht)	**49.4**	**54.3**	**25.9**	**22.8**	**32.9**
Consumption					
Total Consumption	**776,369**	**796,406**	**274,627**	**243,270**	**334,891**
Value (Million Baht)	**54.3**	**55.7**	**25.4**	**25.5**	**35.2**

ROCK SALT

Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Nakhon Ratchasima	1,008,251	1,134,931	1,211,581	1,376,037	1,405,406
Total Production	**1,008,251**	**1,134,931**	**1,211,581**	**1,376,037**	**1,405,406**
Value (Million Baht)	**504.1**	**567.5**	**1,301.7**	**1,513.6**	**1,545.9**
Consumption					
Total Consumption	**989,813**	**1,154,459**	**1,200,901**	**1,380,363**	**1,396,015**
Value (Million Baht)	**494.9**	**577.2**	**1,292.2**	**1,518.4**	**1,535.6**
Import					
Total Import	**23**	**5**	**700**	**2**	**1**
Value (Million Baht)	**0.3**	**0.1**	**10.9**	**0.0***	**0.0***

0.0*denoting the amount of less than 0.05 million baht

R U T I L E

Tonnes

	2006	2007	2008	2009	2010
Export					
Asia					
China	-	-	-	24	504
India	-	-	105	1,039	210
Indonesia	-	-	-	46	-
Iran	-	-	462	-	96
Japan	-	-	88	-	-
Korea South	-	-	-	41	-
Malaysia					24
Pakistan	-	-	-	100	-
Philippines	-	-	-	84	651
Turkey	-	-	-	651	813
Europe					
Netherlands	-	-	-	132	-
North America					
U.S.A.	-	-	-	-	-
Total Export	**-**	**-**	**655**	**2,117**	**2,298**
Value (Million Baht)	**-**	**-**	**8.8**	**28.7**	**38.5**
Import					
Total Import	**1,951**	**2,487**	**6,779**	**7,331**	**7,276**
Value (Million Baht)	**49.5**	**54.9**	**94.4**	**68.5**	**77.9**

S A N D S T O N E

Tonnes

	2006	2007	2008	2009	2010
Production					
1. Dimension Stone					
Northern Region					
Nakhon Ratchasima	928	870	500	670	2,642
Total Production	**928**	**870**	**500**	670	2,642
Value (Million Baht)	**0.6**	**0.6**	**0.3**	**0.5**	**1.8**
2. Industrial Rock					
Southern Region					
Phangnga	120,749	127,646	136,325	116,885	127,625
Satun	-	-	-	-	50,861
Total Production	**120,749**	**127,646**	**136,325**	**116,885**	**178,486**
Value (Million Baht)	**6.0**	**6.4**	**10.3**	**11.7**	**17.8**
Consumption					
1. Dimension Stone	**400**	**820**	**500**	**640**	**2,642**
Value (Million Baht)	**0.3**	**0.6**	**0.3**	**0.4**	**1.8**
2. Industrial Rock	**120,749**	**127,646**	**136,325**	**116,885**	**187,048**
Value (Million Baht)	**6.0**	**6.4**	**10.3**	**11.7**	**18.7**
Import					
Dimension Stone	**992**	**3,779**	**939**	**738**	**0.0****
Value (Million Baht)	**10.4**	**19.6**	**9.2**	**12.0**	**0.0***

0.0** denoting the amount of less than 0.1 tonnes

0.0* denoting the amount of less than 0.05 million baht

S H A L E

Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Lampang	2,471	1,344	35,652	46,737	-
Central Region					
Sara Buri	5,587,323	4,767,329	3,991,222	3,720,054	4,180,593
Total Production	**5,589,794**	**4,768,673**	**4,026,874**	**3,766,791**	**4,180,593**
Value (Million Baht)	**503.1**	**429.2**	**427.9**	**470.9**	**522.6**
Consumption					
Total Consumption	**5,486,302**	**4,545,900**	**3,912,722**	**4,078,561**	**4,126,822**
Value (Million Baht)	**493.8**	**403.9**	**425.2**	**509.8**	**515.9**

S I L V E R

Gram

	2006	2007	2008	2009	2010
Production					
Northern Region					
Phetchabun	-	4,388,837	881,000	5,640,670	7,072,696
Phichit	11,240,000	3,229,835	4,490,630	10,562,930	10,359,768
Northeastern Region					
Loei	-	108,489	93,849	59,818	126,009
Total Production	**11,240,000**	**7,727,161**	**5,465,479**	**16,263,418**	**17,558,473**
Value (Million Baht)	**152.5**	**114.8**	**91.4**	**264.0**	**359.3**
Export					
Asia					
Hong Kong	-	8,148,567	5,433,094	16,263,418	17,558,473
Australia / Oceania					
Australia	11,240,000	-	-	-	-
Total Export	**11,240,000**	**8,148,567**	**5,433,094**	**16,263,418**	**17,558,473**
Value (Million Baht)	**152.5**	**114.9**	**91.0**	**263.9**	**359.3**
Import					
Total Import	**0.0****	**8**	**13**	**13**	**25**
Value (Million Baht)	**0.3**	**2.0**	**0.6**	**0.6**	**1.3**

0.0** denoting the amount of less than 0.1 tonnes

S T R U V E R I T E

Tonnes

	2006	2007	2008	2009	2010
Export					
Asia					
China	-	-	40	-	276
Total Export	**-**	**-**	**40**	**-**	**276**
Value (Million Baht)	**-**	**-**	**4.7**	**-**	**26.7**
Import					
Total Import	**30**	**-**	**-**	**-**	**-**
Value (Million Baht)	**0.9**	**-**	**-**	**-**	**-**

T A L C

Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Uttaradit	4,374	3,508	3,264	504	672
Total Production	**4,374**	**3,508**	**3,264**	**504**	**672**
Value (Million Baht)	**2.6**	**2.1**	**2.0**	**0.3**	**0.4**
Consumption					
Total Consumption	**4,224**	**3,400**	**3,249**	**488**	**647**
Value (Million Baht)	**2.5**	**2.0**	**2.0**	**0.3**	**0.4**
Import					
Total Import	**82,007**	**98,735**	**116,906**	**100,919**	**135,219**
Value (Million Baht)	**652.7**	**791.9**	**1,033.8**	**5,089.2**	**1,452.9**

T A N T A L U M

Tonnes

	2006	2007	2008	2009	2010
Export					
1. Columbium Oxide					
Europe					
Germany	-	16	-	-	-
Total Export	**-**	**16**	**-**	**-**	**-**
Value (Million Baht)	**-**	**5.4**	**-**	**-**	**-**
2. Columbium Pentoxide Powder					
Europe					
Germany	76	-	-	-	-
Total Export	**76**	**-**	**-**	**-**	**-**
Value (Million Baht)	**23.6**	**-**	**-**	**-**	**-**
3. Potassium Fluorotantalate Powder					
Asia					
Japan	2	-	-	-	-
Total Export	**2**	**-**	**-**	**-**	**-**
Value (Million Baht)	**7.5**	**-**	**-**	**-**	**-**
4. Tantalum Pentoxide Powder					
Europe					
Germany	2	1	-	-	-
Total Export	**2**	**1**	**-**	**-**	**-**
Value (Million Baht)	**10.8**	**5.3**	**-**	**-**	**-**

Tonnes

	2006	2007	2008	2009	2010
5. Tantalum Powder					
Asia					
Japan	46	4	-	-	-
Europe					
Germany	30	8	-	-	-
North America					
U.S.A.	84	16	-	-	-
Total Export	**160**	**28**	**-**	**-**	**-**
Value (Million Baht)	**1,444.9**	**280.2**	**-**	**-**	**-**
6. Tantalum Scrap					
Europe					
Germany	5	-	-	-	-
Total Export	**5**	**-**	**-**	**-**	**-**
Value (Million Baht)	**4.7**	**-**	**-**	**-**	**-**
7. Tantalum Oxide					
Europe					
Germany	-	4	-	-	-
Total Export	**-**	**4**	**-**	**-**	**-**
Value (Million Baht)	**-**	**21.2**	**-**	**-**	**-**
Import (Tantalite)					
Total Import	**687**	**348**	**11,043**	**-**	**-**
Value (Million Baht)	**745.1**	**213.3**	**91.8**	**-**	**-**

T I N

Tonnes

	2006	2007	2008	2009	2010
Production					
1. Production of Tin Concentrates by changwat					
Northern Region					
Chiang Mai	64	82	183	105	216
Chiang Rai	-	1	-	-	-
Tak	-	2	-	-	-
Central Region					
Kanchanaburi	4	11	11	15	5
Phetchaburi	-	-	-	6	10
Southern Region					
Phangnga	21	-	-	-	-
Ranong	40	19	41	42	60
Songkhla	5	-	-	-	-
Yala	91	34	-	-	-
Total Production	**225**	**149**	**235**	**168**	**292**
Value (Million Baht)	**54.5**	**53.9**	**105.1**	**57.4**	**134.2**

Tonnes

	2006	2007	2008	2009	2010
2. Production of Tin Concentrates by Mining Methods.					
Dredging Off Shore	-	-	-	-	-
Gravel Pumping	5	-	-	-	-
Open Pitting	180	130	194	126	232
Dulang Washing	40	19	41	42	60
Total Production	**225**	**149**	**235**	**168**	**292**
3. Percentage of Tin Production by Mining Methods.					
Dredging Off Shore	-	-	-	-	-
Gravel Pumping	2.2	-	-	-	-
Open Pitting	80.0	87.2	82.5	74.9	79.5
Dulang Washing	17.8	12.8	17.5	25.1	20.5
4. Production of Tin Concentrates by Off Shore Dredging					
Southern Region					
Phuket	10	-	-	-	-
Total Production	**10**	**-**	**-**	**-**	**-**
5. Production of Primary Tin Metal					
Total Production	**27,542**	**22,742**	**21,618**	**19,248**	**23,319**
Value (Million Baht)	**9,039.7**	**11,620.4**	**13,388.6**	**8,835.4**	**15,116.9**

Tonnes

	2006	2007	2008	2009	2010
Export					
1. Primary Tin Metal					
Africa					
Egypt	-	-	-	4	5
U.A.E	-	-	-	-	5
Asia					
Bangladesh	-	-	-	-	-
China	305	330	40	260	80
Hong Kong	40	340	171	1,385	80
India	25	220	20	620	120
Indonesia	20	-	-	-	-
Iran	-	-	-	-	-
Japan	6,003	6,562	10,705	6,299	13,952
Korea, North	260	-	-	-	
Korea, South	1,291	832	1,916	893	1,334
Malaysia	1,183	1,030	1,060	791	521
Philippines	36	-	55	2	31
Singapore	3,220	6,800	812	4,785	1,595
Taiwan	-	225	150	351	353
Turkey	350	-	250	25	-
Vietnam	-	-	155	-	-
Australia / Oceania					
Australia	66	80	102	312	190
Europe					
Austria	23	-	-	-	50
Belgium	4,400	-	31	20	20
Estonia	-	14	-	-	-
France	25	-	41	10	-
Germany	70	62	101	26	394
Italy	675	582	483	571	125
Netherlands	3,745	2,400	1,279	306	21
Poland	-	-	-	-	-
Russia	-	-	-	-	-
Spain	200	24	-	-	-
Switzerland	-	-	-	-	25
U.K.	425	135	20	3	462
North America					
U.S.A.	35	-	16	-	-
Total Export	**22,397**	**19,636**	**17,407**	**16,661**	**19,363**
Value (Million Baht)	**7,352.4**	**9,995.4**	**10,939.1**	**7,890.1**	**12,694.3**

Tonnes

	2006	2007	2008	2009	2010
2. Tin-Lead Alloy					
Asia					
Hong Kong	-	-	-	22	14
Japan	-	59	-	-	-
Malaysia	-	64	-	21	-
Europe					
Belgium	-	317	-	-	23
Total Export	**-**	**440**	**-**	**43**	**36**
Value (Million Baht)	**-**	**132.6**	**-**	**17.1**	**19.7**
3. Final Slag					
Asia					
China	292	41	934	1,910	-
Hong Kong	287	409	-	-	-
Europe					
Russia	-	-	-	-	-
Total Export	**579**	**450**	**934**	**1,910**	**-**
Value (Million Baht)	**48.6**	**42.8**	**93.1**	**157.0**	**-**
4. Tin Slag					
Asia					
China	66	-	-	-	-
Total Export	**66**	**-**	**-**	**-**	**-**
Value (Million Baht)	**5.8**	**-**	**-**	**-**	**-**

Tonnes

	2006	2007	2008	2009	2010
5. Hard Head					
Asia					
China	-	-	114	-	-
Malaysia	30	-	23	-	-
Europe					
Belgium	311	740	1,000	1,357	-
Russia	-	-	-	-	-
U.K.	-	-	20	-	-
South America					
Peru	-	-	170	-	-
Total Export	**341**	**740**	**1,327**	**1,357**	**-**
Value (Million Baht)	**46.4**	**191.8**	**403.0**	**271.3**	**-**
Consumption					
1. Primary Tin Metal	**4,915**	**3,210**	**4,080**	**2,603**	**3,707**
Value (Million Baht)	**1,614.8**	**1,593.9**	**2,525.9**	**1,216.5**	**2,346.8**
2. Tin-lead Alloy	**971**	**718**	**684**	**697**	**1,037**
Value (Million Baht)	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
Import					
Tin ore	**6,545**	**12,974**	**18,771**	**17,985**	**3,532**
Value (Million Baht)	**1,247.3**	**3,980.3**	**5,865.6**	**4,272.0**	**685.0**

T R A V E R T I N E

Tonnes

	2006	2007	2008	2009	2010
Production					
Central Region					
Sara Buri	3,316	3,490	3,640	2,910	1,760
Total Production	**3,316**	**3,490**	**3,640**	**2,910**	**1,760**
Value (Million Baht)	**6.6**	**6.9**	**7.3**	**5.8**	**3.5**
Consumption					
Total Consumption	**3,316**	**3,430**	**3,280**	**2,910**	**1,720**
Value (Million Baht)	**6.6**	**6.9**	**6.6**	**5.8**	**3.4**
Import					
Total Import	**-**	**0.3**	**-**	**0.1**	**0.1**
Value (Million Baht)	**-**	**0.0***	**-**	**0.0***	**0.0***

0.0* denoting the amount of less than 0.05 million baht

T U N G S T E N

Tonnes

		2006	2007	2008	2009	2010
1. Wolfram						
Production						
Northern Region						
Phrae		340	620	368	200	320
	Low grade	-	100	530	-	256
Tak		-	2	-	-	-
Central Region						
Kanchanaburi		87	4	-	-	4.5
Phetchaburi		-	10	15	0.0**	1.9
Total Production		**427**	**636**	**383**	**200**	**326.4**
	Low grade	**-**	**100**	**530**	**-**	**256**
Value (Million Baht)		**42.5**	**63.2**	**38.1**	**19.9**	**32.4**
	Low grade	**-**	**2.8**	**14.6**	**-**	**7.0**
Export						
Asia						
China		280	766	550	160	320
Hong Kong		-	-	-	-	-
Europe						
Austria		-	-	-	-	-
Belgium		-	-	-	-	-
Germany		20	-	-	-	20
U.K.		-	-	-	-	-
North America						
U.S.A.		13	-	-	-	6
Total Export		**313**	**766**	**550**	**160**	**347**
Value (Million Baht)		**65.9**	**262.8**	**198.9**	**47.3**	**2.3**
Import						
Total Import		**25**	**-**	**-**	**8**	**7**
Value (Million Baht)		**2.5**	**-**	**-**	**0.7**	**0.1**

0.0** denoting the amount of less than 0.1 tonnes

Tonnes

	2006	2007	2008	2009	2010
2. Scheelite					
Production					
Northern Region					
Chiang Mai	119	180	199	150	128.5
Chiang Rai	-	4	-	-	-
Central Region					
Kanchanaburi	-	3	-	-	-
Total Production	**119**	**187**	**199**	**150**	**128.5**
Value (Million Baht)	**11.9**	**18.6**	**19.8**	**14.9**	**12.8**
Export					
North America					
U.S.A.	130	204	163	122	116
Total Export	**130**	**204**	**163**	**122**	**116**
Value (Million Baht)	**34.8**	**67.9**	**55.6**	**46.6**	**43.9**
3. Other Tungsten					
Import					
Total Import	**0.0****	**0.2**	**-**	**-**	**-**
Value (Million Baht)	**0.0***	**0.1**	**-**	**-**	**-**

0.0** denoting the amount of less than 0.1 tonnes
0.0* denoting the amount of less than 0.05 million baht

X E N O T I M E

Tonnes

	2006	2007	2008	2009	2010
Export					
Asia					
China	92	153	-	-	42
Korea, South	-	20	-	-	-
North America					
U.S.A.	-	-	-	-	-
Total Export	**92**	**173**	**-**	**-**	**42**
Value(Million Baht)	**2.3**	**4.4**	**-**	**-**	**0.01**

Z I N C

Tonnes

	2006	2007	2008	2009	2010
Production					
Northern Region					
Tak	214,023	176,042	118,739	183,288	146,470
Total Production	**214,023**	**176,042**	**118,739**	**183,288**	**146,470**
Value (Million Baht)	**5,550.1**	**4,390.0**	**1,395.8**	**2,056.1**	**2,099.2**
Export					
1. Zinc Alloy					
Asia					
Cambodia	-	-	120	22	18
China	222	-	-	-	-
Hong Kong	-	-	-	-	-
India	165	-	-	-	-
Indonesia	571	-	-	-	-
Malaysia	2	17	55	-	-
Maldives	-	-	-	-	-
Philippines	39	-	-	-	-
Taiwan	-	-	-	-	-
Vietnam	563	-	-	-	-
Auatralia / Oceania					
Australia	-	-	-	-	96
Europe					
Belgium	824	-	-	-	-
Total Export	**2,386**	**17**	**175**	**22**	**114**
Value (Million Baht)	**315.2**	**1.9**	**8.1**	**1.9**	**6.6**

Tonnes

	2006	2007	2008	2009	2010
2. Zinc Metal					
Asia					
China	-	301	909	6,574	-
Hong Kong	-	100	1,362	121	-
India	-	96	-	122	1
Indonesia	5	304	661	609	7
Japan	40	422	-	-	-
Korea, South				2,420	302
Laos	-	101	50,237	121	273
Malaysia	7	571	3,055	637	1
Myanmar	4	600	62,639	40	615
Philippines	-	161	-	-	-
Qatar	0.0***	-	-	-	-
Saudi Arabia	-	7	-	4,023	-
Singapore	378	-	242	919	-
Sri Lanka	-	50	24,946	-	-
Taiwan	-	1,145	4,347	-	-
Vietnam	-	1,434	316	3,362	3,322
Europe					
Belgium	-	1,006	-	-	-
Netherlands	2,019	-	-	-	-
North America					
Jamaica	-	7	-	-	-
Total Export	**2,453**	**6,305**	**148,714**	**18,947**	**4,522**
Value (Million Baht)	**388.8**	**770.0**	**666.9**	**911.2**	**329.1**
Consumption					
1. Zinc Alloy	**24,964**	**27,236**	**26,814**	**24,045**	**30,873**
Value (Million Baht)	**3,381.3**	**3,352.6**	**1,995.7**	**1,517.6**	**2,380.1**
2. Zinc Metal	**64,130**	**57,629**	**57,902**	**55,817**	**61,142**
Value (Million Baht)	**7,403.1**	**6,897.7**	**4,068.6**	**3,205.9**	**4,390.3**
Import					
Zinc Ore	**101,866**	**169,623**	**193,809**	**148,441**	**174,586**
Value (Million Baht)	**5,273.5**	**6,204.2**	**3,499.3**	**1,845.4**	**3,781.4**

0.0*** denoting the amount of less than 0.5 tonnes

Z I R C O N

Tonnes

	2006	2007	2008	2009	2010
Production					
Southern Region					
Yala	-	1,023	-	-	-
Total Production	**-**	**1,023**	**-**	**-**	**-**
Value (Million Baht)	**-**	**11.7**	**-**	**-**	**-**
Export					
Asia					
China	4,732	6,539	8,868	10,420	7,512
Hong Kong	-	-	-	-	-
India	462	305	-	16	-
Indonesia	-	-	-	-	-
Korea South	20	-	-	-	-
Philippines	-	21	21	21	64
Taiwan	-	107	-	-	-
Vietnem	-	-	-	-	-
North America					
U.S.A.	-	-	-	-	-
Total Export	**5,214**	**6,972**	**8,889**	**10,457**	**7,576**
Value(Million Baht)	**79.3**	**160.6**	**121.0**	**165.9**	**133.3**
Consumption					
Total Consumption	**-**	**525**	**-**	**-**	**-**
Value (Million Baht)	**-**	**6.7**	**-**	**-**	**-**
Import					
Total Import	**13,915**	**8,885**	**48,724**	**18,138**	**47,451**
Value (Million Baht)	**466.7**	**268.5**	**623.9**	**266.8**	**493.1**

NUMBER OF ACTIVE MINES BY KIND OF MINERALS

	2006	2007	2008	2009	2010
Andesite	3	3	2	2	2
Antimony	2	-	-	1	2
Ball clay	20	18	17	17	11
Barite	4	4	3	4	4
Basalt (industrial rock)	31	30	28	30	31
Bentonite	1	1	1	1	1
Calcite	7	6	7	8	7
Cement clay	-	32	45	47	37
Ceramic clay	-	3	16	17	14
Diatomite	2	2	2	2	2
Dolomite	20	20	19	16	17
Feldspar	31	27	26	25	23
Fluorite	3	4	4	5	4
Gem stone	1	1	2	1	1
Glass sand	14	12	12	13	12
Gneiss	1	1	1	1	1
Gold	3	3	4	4	4
Granite (dimension stone)	36	35	32	33	30
Granite (industrial rock)	19	19	22	19	19
Graywacke	1	1	1	1	1
Gypsum	51	47	42	45	48
Iron	6	7	8	10	10
Kaolin	37	34	38	32	33
Lignite	12	8	9	9	9
Limestone (cement)	21	21	20	18	19
Limestone (construction)	222	221	203	195	179
Limestone (dimension)	3	3	3	3	3
Limestone (others)	21	20	21	21	18
Manganese	1	2	2	3	2
Marble	48	41	37	31	32
Marl	2	2	3	4	4

NUMBER OF ACTIVE MINES BY KIND OF MINERALS

	2006	2007	2008	2009	2010
Perlite	1	2	2	2	2
Phosphate	1	2	2	2	2
Pyrophyllite	4	5	4	3	2
Quartz	-	-	1	2	2
Quartz (industrial rock)	-	-	-	1	1
Rhyolite (industrial rock)	2	2	1	1	1
Rock salt	3	3	3	4	4
Sand stone (dimension)	1	7	11	10	8
Sand stone (industrial rock)	2	3	2	2	1
Shale	5	4	6	7	7
Talc	2	2	2	1	1
Tin*	11	7	6	5	5
Travertine	4	4	4	4	4
Wolfram	2	2	2	1	1
Zinc	1	1	1	1	1
Total	662	672	677	664	622

* Including tin-tungsten mines

NUMBER OF WORKERS EMPLOYED IN MINES BY KIND OF MINERAL

	2006	2007	2008	2009	2010
Andesite	51	51	43	43	35
Antimony	59	-	-	7	11
Ball clay	340	263	222	200	161
Barite	32	47	40	71	97
Basalt (industrial rock)	670	644	542	580	709
Bentonite	12	12	12	12	12
Calcite	117	89	83	111	120
Cement clay	-	159	216	261	272
Ceramic clay	-	17	63	90	89
Diatomite	9	7	7	9	5
Dolomite	274	284	278	243	249
Feldspar	431	403	365	357	327
Fluorite	69	131	160	186	145
Gem stone	36	37	42	15	9
Glass sand	59	62	68	64	61
Gneiss	7	7	7	7	7
Gold	217	218	225	207	224
Granite (dimension)	529	488	420	392	338
Granite (industrial rock)	296	277	351	316	314
Graywacke	18	25	23	24	29
Gypsum	1,219	1,113	1,017	1017	1024
Iron	83	120	192	342	337
Kaolin	448	433	458	348	353
Lignite	2,622	2,565	2,530	2087	1967
Limestone (cement)	958	966	967	1021	1288
Limestone (construction)	4,154	4,433	3,885	3626	3032
Limestone (dimension)	53	51	25	25	25
Limestone (others)	389	355	372	354	287
Manganese	16	26	24	41	27
Marble	828	765	665	594	561
Marl	19	13	17	23	20

NUMBER OF WORKERS EMPLOYED IN MINES BY KIND OF MINERAL

	2006	2007	2008	2009	2010
Perlite	22	32	28	29	31
Phosphate	17	31	32	22	26
Pyrophyllite	64	72	52	34	23
Quartz	-	-	19	30	31
Quartz (industrial rock)	-	-	-	27	27
Rhyolite (industrial rock)	43	43	43	43	43
Rock salt	121	124	122	124	127
Sand stone (dimension)	9	50	60	55	53
Sand stone (industrial rock)	25	30	28	30	25
Shale	108	101	118	132	140
Talc	12	12	9	6	6
Tin*	363	232	251	283	313
Travertine	22	27	24	22	17
Wolfram	25	25	18	15	15
Zinc	358	372	364	362	292
Dulang Washer	275	160	285	321	209
Total	15,479	15,372	14,772	14,208	13,513

* Including workers employed in tin-tungsten mines

Mineral Production of Thailand 2006 - 2010

Quantity : Tonnes
Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Mineral Fuels and Energy										
Lignite	19,070,608	9,535.3	18,239,176	9,119.6	18,095,335	9,047.7	17,758,861	15,334.8	18,399,399	17,663.4
Total		9,535.3		9,119.6		9,047.7		15,334.8		17,663.4
%		24.15		22.98		23.35		29.21		30.99
Iron and Ferro Alloy										
Iron ore	264,289	105.7	1,554,860	2,129.2	1,709,750	2,114.6	616,399	770.6	976,937	1,360.0
Manganese (metallurgical grade)	1,000	1.0	9,500	9.6	111,000	112.3	64,930	187.5	50,450	146.3
Tungsten										
- Scheelite	119	11.9	187	18.6	199	19.8	150	14.9	129	12.8
- Wolfram	427	42.5	636	63.2	383	38.1	200	19.9	326	32.4
- Low grade	-	-	100	2.8	530	14.6	-	-	256	7.0
Total		161.1		2,223.4		2,299.4		992.9		1,558.5
%		0.41		5.60		5.93		1.89		2.73
Base Metals										
Antimony ore	2,980	45.3	-	-	-	-	35	1.0	738	21.3
Copper ore	-	-	1	0.1	1	0.1	0	0.0**	723	168.5
Tin concentrates	225	54.5	149	53.9	235	105.1	167	57.3	292	134.3
Zinc ore	214,023	5,550.1	176,042	4,390.0	118,739	1,395.8	183,288	2,056.1	146,470	2,099.2
Total		5,649.9		4,444.0		1,501.0		2,114.4		2,423.3
%		14.31		11.20		3.87		4.03		4.25

Mineral Production of Thailand 2006 - 2010

Quantity : Tonnes
Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Precious Metals and Precious Stone										
Gem stone (unit : gram)	16,112	n.a.	20,490	n.a.	6,381	n.a.	570	n.a.	240	n.a.
Gold ore (unit : gram)	3,470,000	2,546.0	3,401,384	2,610.4	2,721,146	2,527.7	4,866,133	5,235.0	4,045,567	5,023.0
Silver ore (unit : gram)	11,240,000	152.5	7,727,161	114.8	5,465,479	91.4	16,263,418	264.0	17,558,473	359.3
Total		2,698.5		2,725.2		2,619.1		5,499.0		5,382.3
%		6.84		6.87		6.76		10.47		9.44
Light Metals and Rare Earth										
Ilmenite	-	-	2,067	14.5	-	-	-	-	-	-
Zircon	-	-	1,023	11.7	-	-	-	-	-	-
Total		-		26.2		-		-		-
%		-		0.07		-		-		-
Cement Industrial Minerals										
Anhydrite	560,339	284.1	692,877	317.5	488,681	219.6	633,820	350.2	536,120	279.3
Cement Clay	-	-	116,182	10.5	3,753,617	337.8	4,894,329	440.5	8,250,823	742.6
Gypsum (unground)	8,354,901	4,208.6	8,643,391	3,963.7	8,500,401	3,861.3	8,631,797	4,788.3	10,172,629	5,270.4
Limestone	61,583,302	5,234.6	63,799,284	5,422.9	54,836,731	5,587.1	56,848,493	6,821.8	61,448,642	7,373.8
Marl	68,700	5.8	31,750	2.7	41,720	3.5	98,000	8.3	68,000	5.8
Shale	5,589,794	503.1	4,768,673	429.2	4,026,874	427.9	3,766,791	470.9	4,180,593	522.6
Total		10,236.2		10,146.5		10,437.2		12,880.0		14,194.5
%		25.93		25.57		26.93		24.53		24.90

Mineral Production of Thailand 2006 - 2010

Quantity : Tonnes
Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Ceramic Industrial Minerals										
Ball clay	1,003,267	551.8	563,353	309.8	1,499,993	824.9	2,312,625	1,271.9	1,513,767	832.6
Ceramic Clay	-	-	75	0.0**	341,227	187.7	272,464	149.9	929,162	511.0
Dolomite	899,512	314.8	1,108,425	387.9	1,353,763	473.8	1,964,410	687.5	2,451,990	858.2
Feldspar										
- Potassium (ground)	-	-	-	-	123	0.3	120	0.3	-	-
- Potassium (unground)	4,367	7.4	2,438	4.1	423	0.7	9,772	16.6	9,060	15.4
- Sodium (ground)	7,702	10.8	9,685	13.6	3,191	4.5	65	0.1	120	0.2
- Sodium (unground)	1,055,615	738.9	672,545	470.8	666,881	466.8	708,735	496.1	632,720	442.9
Glass sand	861,847	301.7	844,071	295.4	495,848	173.5	357,585	125.2	323,985	113.4
Kaolin										
- Filler	9,326	17.7	7,985	15.2	6,061	11.5	4,046	7.7	3,837	7.3
- Unwashed	675,886	260.2	518,143	199.5	479,443	184.6	708,746	272.9	582,994	224.5
- Washed	157,900	151.6	159,186	152.8	161,215	154.8	131,131	125.9	156,827	150.6
Quartz										
- Ground	2,697	2.0	3,874	2.9	2,290	1.7	2,144	1.6	2,994	2.2
- Unground	200	0.2	1,050	0.8	1,000	0.8	10,810	8.1	41,070	30.8
Total		2,357.1		1,852.8		2,485.6		3,163.8		3,189.1
%		5.97		4.67		6.41		6.03		5.60

Mineral Production of Thailand 2006 - 2010

Quantity : Tonnes
Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Dimension Stone										
Gneiss	270	1.1	150	0.6	-	-	-	-	-	-
Granite	8,321*	41.6	10,515*	53.5	10,579*	54.0	6,352*	32.4	6,123*	31.2
Limestone	201	0.4	233	0.5	94	0.2	1,941	3.9	34	0.1
Marble	14,943*	53.8	13,937*	51.1	11,015*	40.7	10,836*	40.1	12,097*	44.8
Sand stone	928	0.6	870	0.6	500	0.3	670	0.5	2,642	1.8
Travertine	3,316	6.6	3,490	6.9	3,640	7.3	2,910	5.8	1,760	3.5
Total		104.1		113.2		102.5		82.7		81.4
%		0.26		0.29		0.26		0.16		0.14
Industrial Rock										
Andesite	1,498,791	149.9	1,402,555	140.3	1,000,992	114.2	930,655	125.6	1,209,235	163.2
Basalt	9,701,543	970.2	9,942,689	994.3	8,877,552	1,026.9	10,521,955	1,420.5	12,489,201	1,686.0
Granite	4,462,553	446.3	5,228,920	522.8	5,189,829	614.1	5,210,304	703.4	5,258,609	709.9
Graywacke	551,459	38.6	798,074	55.9	748,573	65.1	730,597	76.7	968,690	101.7
Limestone	83,299,232	5,831.0	83,426,643	5,839.9	72,419,391	6,204.9	70,190,643	7,370.0	69,634,022	7,311.6
Marble (fragment)	532,639*	119.8	834,869*	187.8	653,915*	147.1	724,380*	163.0	767,137*	249.3
Perlite	22,000	15.5	6,400	4.5	7,000	4.9	13,500	9.5	14,700	10.4
Quartz	-	-	-	-	-	-	-	-	5,000	0.5
Rhyolite	705,630	49.4	776,061	54.3	288,056	25.9	217,462	22.8	313,631	32.9
Sand stone	120,749	6.0	127,646	6.4	136,325	10.3	116,885	11.7	178,486	17.9
Total		7,626.7		7,806.2		8,213.4		9,903.2		10,283.4
%		19.32		19.67		21.19		18.86		18.04

Mineral Production of Thailand 2006 - 2010

Quantity : Tonnes
Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Other Industrial Minerals										
Barite										
- Chemical grade (ground)	4,549	29.5	4,322	25.4	2,480	14.5	1,985	11.6	3,865	22.6
- Unground	-	-	4,309	6.4	6,700	9.9	49,910	74.1	29,600	44.0
Bentonite	1,200	0.7	650	0.4	210	0.1	110	0.1	130	0.1
Calcite	625,950	123.3	672,580	132.5	823,706	162.3	544,019	107.2	693,754	136.7
Diatomite	1,344	1.2	1,260	1.1	4,075	3.7	5,600	5.0	7,100	6.4
Fluorite (metallurgical grade)	3,240	13.2	1,820	7.4	26,118	106.2	86,365	351.1	2,222	9.0
Limestone	4,588,162	390.0	3,975,415	337.9	4,077,034	411.7	3,540,914	424.9	3,705,376	444.6
Phosphate	900	0.4	3,550	1.5	3,475	1.4	658	0.3	35,783	14.9
Pyrophyllite	131,843	46.1	415,420	145.4	106,600	37.3	124,384	43.5	2,205	0.8
Rock salt	1,008,251	504.1	1,134,931	567.5	1,211,581	1,301.7	1,376,037	1,513.6	1,405,406	1,545.9
Talc (unground)	4,374	2.6	3,508	2.1	3,264	2.0	504	0.3	672	0.4
Total		1,111.1		1,227.6		2,050.8		2,531.7		2,225.4
%		2.81		3.09		5.29		4.82		3.90
Grand Total		**39,480.0**		**39,684.7**		**38,756.7**		**52,502.5**		**57,001.3**

*:- n.a. = not available :- * = Cubic Meter :- 0.0** = denoting the amount of less than 0.05 million baht*

Mineral Export of Thailand 2006 - 2010

Quantity : Tonnes
Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Iron and Ferro Alloy										
Columbium										
- Pentoxide powder	76	23.6	-	-	-	-	-	-	-	-
- Oxide	-	-	16	5.4	-	-	-	-	-	-
Iron ore	234,809	348.1	1,281,829	1,699.7	1,528,764	1,941.6	810,310	1,002.9	1,339,866	1,897.4
Manganese (metallurgical grade)	2,180	3.5	6,508	6.8	27,113	81.4	19,055	56.6	59,699	754.0
Potassium fluorotantalate powder	2	7.5	-	-	-	-	-	-	-	-
Tantalum pentoxide powder	2	10.8	1	5.3	-	-	-	-	-	-
Tantalum scrap	5	4.7	-	-	-	-	-	-	-	-
Tantalum powder	160	1,444.9	28	280.2	-	-	-	-	-	-
Tantalum oxide	-	-	4	21.2	-	-	-	-	-	-
Tungsten										
- Scheelite	130	34.8	204	67.9	163	55.6	122	46.6	116	43.9
- Wolfram	313	65.9	766	262.8	550	198.9	160	47.3	347	2.3
Total		1,943.8		2,347.8		1,282.0		456.9		1,252.5
%		11.52		11.37		6.29		2.24		4.83

Mineral Export of Thailand 2006 - 2010

Quantity : Tonnes
Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Base Metals										
Antimony ore	-	-	170	5.8	253	5.1	539	7.5	1,748	32.8
Copper										
- Metal	-	-	1	0.1	-	-	-	-	-	-
- Ore	-	-	-	-	-	-	-	-	723	168.5
- Dross	-	-	-	-	-	-	86	14.6	44	14.7
- Powder	-	-	-	-	-	-	-	-	4	1.2
Tin										
- Tin dross	-	-	-	-	-	-	-	-	59	24.8
- Final slag	579	48.6	450	42.8	934	93.1	1,910	157.0	1,271	105.6
- Hard head	341	46.4	740	191.8	1,327	403.0	1,357	271.3	1,389	422.3
- Tin metal	22,397	7,352.4	19,636	9,995.4	17,407	10,939.1	16,661	7,890.1	19,363	12,694.3
- Tin-lead alloy	-	-	440	132.6	-	-	43	17.1	36	19.7
- Tin slag (5% < Ta2O5 < 8%)		5.80		-		-		-		-
Zinc										
- Zinc alloy	2,386	315.2	17	1.9	175	8.1	22	1.9	114	6.6
- Zinc metal	2,453	388.8	6,305	770.0	148,714	666.9	18,947	911.2	4,522	329.1
Total		8,157.2		11,140.4		12,115.3		9,270.7		13,819.6
%		48.36		53.95		59.40		45.41		53.33
Precious Metals and Precious Stone										
Gold metal (unit : gram)	3,470,000	2,545.9	3,401,384	2,610.4	2,368,194	2,221.8	4,852,073	5,217.8	4,045,567	5,022.9
Silver metal (unit : gram)	11,240,000	152.5	8,148,567	114.9	5,433,094	91.0	16,263,418	263.9	17,558,473	359.3
Total		2,698.4		2,725.3		2,312.8		5,481.7		5,382.2
%		16.00		13.20		11.34		26.85		20.77

Mineral Export of Thailand 2006 - 2010

Quantity : Tonnes
Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Light Metals and Rare Earth										
Ilmenite	1,002	1.0	4,977	10.3	11,403	24.6	443	2.3	210	0.8
Leucoxene	-	-	866	11.8	452	5.8	2,597	33.7	2,017	33.3
Monazite	997	17.2	7,018	105.1	4,819	97.4	6,675	180.8	9,405	284.3
Rutile	-	-	-	-	655	8.8	2,117	28.7	2,298	38.5
Struverite	-	-	-	-	40	4.7	-	-	276	26.7
Xenotime	92	2.3	173	4.4	-	-	-	-	42	0.1
Zircon	5,214	79.3	6,972	160.6	8,889	121.0	10,457	165.9	7,576	133.3
Total		99.8		292.2		262.3		411.4		517.0
%		0.59		1.42		1.29		2.02		2.00
Cement Industrial Minerals										
Anhydrite										
- Anhydrite	558,850	274.8	522,525	236.1	589,227	276.4	533,820	291.2	600,990	308.7
- Ground	40	0.1	18,340	9.0	460	1.5	160	0.5	200	0.6
Gypsum										
- Ground	2,686	9.1	3,118	10.7	9,674	15.5	1,758	6.3	2,333	6.9
- Unground	5,308,781	2,618.8	6,224,661	2,808.8	6,033,222	2,820.5	5,990,400	3,252.3	6,993,620	3,572.8
Total		2,902.8		3,064.6		3,113.9		3,550.3		3,889.0
%		17.21		14.84		15.27		17.39		15.01

Mineral Export of Thailand 2006 - 2010

Quantity : Tonnes
Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Ceramic Industrial Minerals										
Ball clay	28,800	117.4	32,113	143.8	29,772	111.7	25,743	122.5	30,316	146.3
Dolomite										
- Ground	1,608	3.6	643	4.7	1,630	4.3	1,644	1.4	102	0.5
- Unground	542,468	136.9	669,266	166.8	702,546	201.6	840,208	264.5	1,368,198	410.9
Feldspar										
- Sodium (ground)	363,725	282.6	294,832	230.6	413,914	330.8	376,003	289.1	383,181	317.6
- Sodium (unground)	306,898	220.8	212,351	143.6	153,071	104.2	-	-	66,300	50.9
Kaolin										
- Unwashed	-	-	11,500	9.4	22,100	16.2	4,200	0.1	-	-
- Washed	3,724	14.7	3,288	14.8	6,201	28.0	4,902	20.5	5,629	24.5
Quartz (ground)	-	-	-	-	-	-	300	1.1	-	-
Total		776.0		713.7		796.8		699.2		950.7
%		4.60		3.46		3.91		3.43		3.67
Industrial Rock										
Granite (industrial rock)	-	-	103,300	30.5	-	-	-	-	-	-
Gravel (industrail rock)	380	1.6	555	1.8	832	3.3	921	3.6	938	2.9
Limestone (industrial rock-construction)	812,885	266.8	650,010	239.0	1,163,771	460.0	1,218,329	487.7	256,548	88.5
Total		268.4		271.3		463.3		491.3		91.4
%		1.59		1.31		2.27		2.41		0.35

Mineral Export of Thailand 2006 - 2010

Quantity : Tonnes
Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Other Industrial Minerals										
Barite chemical grade (ground)	2,346	9.8	4,121	24.8	7,023	31.2	17,008	34.4	12	0.1
Limestone (industrial rock-others)	93	0.2	17,273	55.7	498	1.3	2,669	4.3	1,687	3.5
Pyrophyllite	3,522	11.1	4,302	12.7	5,682	16.0	2,643	8.6	2,578	7.2
Total		21.1		93.2		48.5		47.3		10.8
%		0.13		0.45		0.24		0.23		-
Grand Total		**16,867.5**		**20,650.0**		**21,390.4**		**20,105.3**		**27,358.3**

Mineral Consumption of Thailand 2006 - 2010

Quantity : Tonnes
Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Mineral Fuels and Energy										
Lignite	18,852,120	9,426.1	17,970,429	8,985.2	18,531,550	9,265.8	17,842,528	15,376.6	18,117,685	17,393.0
Total	-	9,426.1	-	8,985.2	-	9,265.8	-	15,376.6	-	17,393.0
%	-	24.12	-	23.55	-	25.20	-	35.60	-	33.70
Iron and Ferro Alloy	-	-	-	-	-	-	-	-	-	-
Iron ore	339	0.1	-	-	3,200	4.1	96,500	120.1	16,000	22.8
Manganese (metallurgical grade)	-	-	-	-	10,425	10.6	11,500	33.4	54,415	157.8
Total	-	0.1	-	-	-	14.7	-	153.5	-	180.6
%	-	-	-	-	-	0.0**	-	0.36	-	0.35
Base Metals	-	-	-	-	-	-	-	-	-	-
Antimony ore	-	-	-	-	-	-	-	-	56	1.2
Cadmium metal	-	-	25	8.6	-	-	-	-	-	-
Copper metal	117	2.3	514	87.3	419	109.6	441	76.9	833	193.5
Lead metal	174	2.3	-	-	-	-	-	-	-	-
Tin										
- Tin metal	4,915	1,614.8	3,210	1,593.9	4,080	2,525.9	2,603	1,216.5	3,707	2,346.8
- Tin-lead alloy	971	n.a.	718	n.a.	684	n.a.	697	n.a.	1,037	n.a.
Zinc										
- Zinc alloy	24,964	3,381.3	27,236	3,352.6	26,814	1,995.7	24,045	1,517.6	30,873	2,380.1
- Zinc metal	64,130	7,403.1	57,629	6,897.7	57,902	4,068.6	55,817	3,205.9	61,142	4,390.3
Total	-	12,403.8	-	11,940.1	-	8,699.8	-	6,016.9	-	9,311.9
%	-	31.74	-	31.30	-	23.66	-	13.93	-	18.04

Mineral Consumption of Thailand 2006 - 2010

Quantity : Tonnes
Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Precious Metals and Precious Stone	-	-	-	-	-	-	-	-	-	-
Gem stone (unit : gram)	16,112	n.a.	20,789	n.a.	6,378	n.a.	610	n.a.	240	n.a.
Total	-	n.a.	-	n.a.	-	n.a.	-	n.a.	-	n.a.
%	-	-	-	-	-	-	-	-	-	-
Light Metals and Rare Earth	-	-	-	-	-	-	-	-	-	-
Zircon	-	-	525	6.7	-	-	-	-	-	-
Total	-	-	-	6.7	-	-	-	-	-	-
%	-	-	-	0.0**	-	-	-	-	-	-
Cement Industrial Minerals	-	-	-	-	-	-	-	-	-	-
Anhydrite	21,891	10.9	58,360	26.7	13,748	6.1	-	-	32,634	16.5
Cement clay	-	-	94,999	8.5	3,692,042	332.3	4,876,744	438.9	6,833,705	615.0
Gypsum (unground)	2,448,992	1,236.9	2,352,592	1,080.5	2,467,276	1,121.7	2,363,350	1,312.2	3,271,973	1,685.1
Limestone	64,108,600	5,449.2	62,361,409	5,300.7	55,969,381	5,712.2	54,882,205	6,585.9	60,614,383	7,273.7
Marl	77,600	6.6	31,550	2.7	41,900	3.6	86,550	7.4	69,550	5.9
Shale	5,486,302	493.8	4,545,900	403.9	3,912,722	425.2	4,078,561	509.8	4,126,822	515.9
Total	-	7,197.4	-	6,823.0	-	7,601.1	-	8,854.2	-	10,112.1
%	-	18.42	-	17.89	-	20.67	-	20.50	-	19.60

Mineral Consumption of Thailand 2006 - 2010

Quantity : Tonnes
Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Ceramic Industrial Minerals	-	-	-	-	-	-	-	-	-	-
Ball clay	535,834	294.7	345,179	189.9	262,598	144.4	221,472	121.8	253,292	139.3
Ceramic clay	-	-	45	0.0**	135,241	74.4	226,849	124.8	233,286	128.3
Dolomite	312,052	109.2	494,183	173.0	669,702	234.4	786,973	275.4	722,216	252.8
Feldspar										
- Potassium (ground)	-	-	-	-	45	0.1	52	0.1	-	-
- Potassium (unground)	4,520	7.7	2,070	3.6	1,004	1.7	2,906	4.9	3,330	5.7
- Sodium (ground)	277,042	387.9	193,860	271.4	201,745	282.4	170,723	239.0	171,233	239.7
- Sodium (unground)	98,711	69.1	89,245	62.5	90,205	63.1	139,750	97.8	239,877	167.9
Glass sand	859,240	300.7	828,020	289.8	486,790	170.4	355,133	124.3	364,215	127.5
Kaolin										
- Filler	9,326	17.7	8,585	16.3	6,111	11.6	3,774	7.2	3,837	7.3
- Unwashed	567,375	218.4	475,664	183.1	460,689	175.9	471,121	181.4	404,635	155.8
- Washed	156,402	150.1	160,070	153.7	159,059	152.7	135,265	129.9	165,187	158.6
Quartz										
- Ground	4,011	3.0	934	0.7	2,410	1.8	2,494	1.9	2,908	2.2
- Unground	250	0.2	200	0.2	100	0.1	4,250	3.2	29,433	22.1
Total	-	1,558.7	-	1,344.2	-	1,313.0	-	1,311.7	-	1,407.2
%	-	3.99	-	3.52	-	3.57	-	3.04	-	2.73

Mineral Consumption of Thailand 2006 - 2010

Quantity : Tonnes
Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Dimension Stone	-	-	-	-	-	-	-	-	-	-
Gneiss	43	0.2	42	0.2	109	0.4	46	0.2	100	0.4
Granite	8,532*	42.7	9,652*	49.1	7,628*	38.9	6,102*	31.1	54,553*	278.2
Limestone	166	0.3	43	0.1	34	0.1	41	0.1	34	0.1
Marble	16,631*	59.9	14,385*	52.8	10,590*	39.1	68,994*	255.3	182,996*	677.1
Sand stone	400	0.3	820	0.6	500	0.3	640	0.4	2,642	1.8
Travertine	3,316	6.6	3,430	6.9	3,280	6.6	2,910	5.8	1,720	3.4
Total	-	110.0	-	109.7	-	85.4	-	292.9	-	961.0
%	-	0.28	-	0.29	-	0.23	-	0.68	-	1.86
Industrial Rock	-	-	-	-	-	-	-	-	-	-
Andesite	1,389,806	138.9	1,265,647	126.6	980,541	112.2	765,806	103.4	1,230,985	166.2
Basalt	9,693,889	969.4	9,558,772	955.9	8,736,654	1,010.7	10,878,292	1,468.6	12,164,953	1,642.3
Granite	4,455,694	445.6	5,019,764	502.0	4,620,994	551.5	4,865,279	656.8	4,199,593	566.9
Grawacke	508,759	35.6	744,666	52.1	719,682	61.8	765,450	80.4	914,307	96.0
Limestone	80,042,761	5,603.0	83,524,932	5,846.7	68,801,246	5,896.6	62,552,086	6,567.9	69,205,206	7,266.5
Marble (fragment)	538,645*	121.2	940,381*	211.6	628,165*	141.3	851,561*	191.6	1,078,912*	350.6
Perlite	14,300	10.1	15,600	11.0	16,625	11.7	11,350	8.0	11,634	8.2
Quartz	-	-	-	-	-	-	-	-	200	0.0**
Rhyolite	776,369	54.3	796,406	55.8	274,627	25.4	243,270	25.5	334,891	35.2
Sand stone	120,749	6.0	127,646	6.4	136,325	10.3	116,885	11.7	187,048	18.7
Total	-	7,384.1	-	7,768.1	-	7,821.5	-	9,113.9	-	10,150.6
%	-	18.90	-	20.36	-	21.27	-	21.10	-	19.67

Mineral Consumption of Thailand 2006 - 2010

Quantity : Tonnes
Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Other Industrial Minerals	-	-	-	-	-	-	-	-	-	-
Barite										
- Chemical grade (ground)	768	5.1	1,025	6.1	-	-	49	0.3	-	-
- Drilling mud (ground)	-	-	800	3.1	-	-	-	-	-	-
- Unground	-	-	2,140	3.2	6,210	9.2	10,420	15.5	9,334	13.9
Bentonite	-	-	-	-	-	-	10,000	6.0	10,000	6.0
Calcite	587,328	115.7	677,601	133.5	817,801	161.1	477,732	94.1	578,500	113.9
Diatomite	1,000	0.9	1,700	1.5	4,400	4.0	5,730	5.2	7,625	6.9
Fluorite (metallurgical grade)	626	2.5	3,182	12.9	19,756	80.3	7,622	30.9	1,412	5.7
Limestone	3,767,745	320.3	4,036,792	343.1	3,908,735	394.8	3,266,563	392.0	3,383,776	406.1
Phosphate	1,114	0.5	2,500	1.0	2,475	1.0	12,506	5.2	2,316	1.0
Pyrophyllite	154,052	53.9	249,536	87.3	84,336	29.5	5,630	2.0	2,205	0.8
Rock salt	989,813	494.9	1,154,459	577.2	1,200,901	1,292.2	1,380,363	1,518.4	1,396,015	1,535.6
Talc (unground)	4,224	2.5	3,400	2.0	3,249	2.0	488	0.3	647	0.4
Total	-	996.3	-	1,170.9	-	1,974.1	-	2,069.9	-	2,090.3
%	-	2.55	-	3.07	-	5.37	-	4.79	-	4.05
Grand Total		**39,076.5**		**38,147.9**		**36,775.4**		**43,189.6**		**51,606.7**

:- n.a. = not available :- 0 = denoting the amount of less than 0.1 metric tonnes :- 0.0** = denoting the amount of less than 0.05 million baht*

Mineral Import of Thailand 2006 - 2010

Quantity : Tonnes

Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Mineral Fuels and Energy										
Anthracite	553,489	1,236.5	305,460	836.4	242,197	1,280.4	677,522	2,209.5	367,817	1,539.6
Bituminous coal	5,707,606	10,952.1	7,607,862	15,426.9	7,299,492	17,465.6	7,066,802	16,445.4	6,619,170	15,548.3
Coke	53,672	479.3	66,317	663.8	52,593	1,040.3	117,544	1,224.2	208,729	2,922.0
Lignite	11	0.0**	0.5	0.7	6	0.1	23	0.5	79	1.2
Peat	4,131	29.4	214,289	3,329.6	4,874	45.0	6,237	51.6	7,770	64.7
Other coal	4,851,618	6,062.7	6,288,470	9,398.8	8,379,841	16,624.7	36,748,884	17,003.1	9,700,720	19,286.5
Total		18,760.0		29,656.2		36,456.1		36,934.3		39,362.3
%		54.26		58.26		64.19		67.65		70.14
Iron and Ferro Alloy										
Chromite ore	2,429	25.3	2,538	25.7	2,235	35.9	1,140	14.8	2,785	37.6
Cobalt ore	-	-	-	-	-	-	0*	0.1	-	-
Columbite	-	-	-	-	25	21.9	423	95.8	-	-
Iron ore	2,356	14.9	76	2.1	10,216	69.5	192,038	509.9	457,508	1,689.8
Iron Pyrites	188	2.9	231	3.8	243	4.5	189	3.4	314	4.2
Manganese ore	343	8.0	201	13.7	694	9.5	50	1.6	4,530	17.8
Molybdenite ore	34	2.3	5	0.6	1,427	277.1	4,771	500.4	9,864	1,627.7
Nickel ore	0*	0.2	1,816	10.2	400	2.3	1	0.1	0.2	0.1
Tungsten									-	-
- Wolfram	25	2.5	-	-	-	-	8	0.7	7	0.1
- Other tungsten	0*	0.0**	0.2	0.1	-	-	-	-	-	0.0*
Total		56.1		56.2		420.7		1,126.8		3,377.3
%		0.16		0.11		0.74		2.06		6.02

Mineral Import of Thailand 2006 - 2010

Quantity : Tonnes

Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Base Metals										
Aluminium ore	41,835	210.0	31,749	150.1	51,779	480.4	31,519	297.1	32,051	270.3
Antimony ore	570	10.8	1,072	15.3	1,218	22.0	1,496	23.8	4,356	134.6
Copper	10,056	1,428.4	74,624	4,635.5	16	0.2	25	0.6	374	4.9
Lead ore	64	1.3	20	0.3	26	0.4	0.2	0.0**	283	5.5
Tin ore	6,545	1,247.3	12,974	3,980.3	18,771	5,865.6	17,985	4,272.0	3,432	685.0
Zinc ore	101,866	5,273.5	169,623	6,204.2	193,809	3,499.3	148,441	1,845.4	174,586	3,781.4
Total		8,171.3		14,985.7		9,867.9		6,438.9		4,881.7
%		23.63		20.34		16.56		11.80		8.70
Precious Metals and Precious Stone										
Emery	3,316	42.5	3,704	40.9	4,411	55.1	3,900	47.2	4,812	53.7
Silver ore	0*	0.3	8	2.0	13	0.6	13	0.6	25	1.3
Total		42.8		42.9		55.7		47.8		55.0
%		0.12		0.09		0.10		0.09		0.10
Light Metals and Rare Earth										
ilmenite ore	-	-	70	1.6	21,041	1.4	125	3.1	63	1.5
Niobium and Vanadium ore	37,242	373.5	11,409	400.7	17,591	346.6	10,773	38.0	11,863	1,101.8
Struverite	30	0.9	-	-	-	-	-	-	-	-

Mineral Import of Thailand 2006 - 2010

Quantity : Tonnes

Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Light Metals and Rare Earth										
Titanium ore										
- Rutile	1,951	49.8	2,487	54.9	6,779	94.4	7,331	68.5	7,276	77.9
- Leucoxene	3,527	76.2	5,747	125.2	7,371	165.5	4,535	122.9	8,080	215.2
- Ilmenite	782	5.6	821	7.3	920	8.6	880	8.1	840	8.1
- Other Titanium ore	3	0.1	1,168	23.6	371	9.4	319	5.8	1,003	27.7
Thorium ore	-	-	-	-	-	-	-	-	0.02	0.1
Tantalite	687	745.1	348	213.3	11,043	91.8	-	-	-	-
Uranium ore	-	-	1	0.3	-	-	-	-	-	-
Xenotime	-	-	-	-	-	-	-	-	-	-
Zirconium ore	13,915	466.7	8,885	268.5	48,724	623.9	18,138	266.8	47,451	493.1
Total		1,717.9		1,095.4		1,341.6		513.2		1,925.4
%		4.97		2.15		2.36		0.94		3.43
Cement Industrial Minerals										
Anhydrite	448	3.7	126	1.1	0*	0.0**	4	0.0**	25	0.7
Gypsum	3,745	6.3	605	6.2	470	7.2	452	8.5	522	9.0
Limestone	416	2.5	441	3.7	2,072	2.2	4,045	3.8	76	2.4
Total		12.5		11.0		9.4		12.3		12.1
%		0.04		0.02		0.02		0.02		0.02

Mineral Import of Thailand 2006 - 2010

Quantity : Tonnes

Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Ceramic Industrial Minerals										
Andalusite, Kyannite and Sillimanite	1,771	23.1	1,791	21.1	2,858	36.0	2,304	33.8	2,856	41.5
Attapulgite	-	-	3	0.1	116	1.2	7	0.6	146	1.1
Ball Clay	13,473	64.8	33,579	111.8	28,981	94.3	20,508	64.2	6,592	42.4
Dolomite	1,253	16.8	505	6.2	502	6.3	595	8.5	977	11.6
Feldspar										
- Potassium	16,935	46.6	34,448	70.9	32,446	100.9	28,996	89.5	25,928	81.4
- Sodium	4,127	15.2	7,098	16.8	16,592	35.8	7,850	19.0	3,010	11.1
- Other Feldspar	21,653	61.4	15,598	47.3	14,339	49.4	3,590	22.3	3,891	24.0
Kaolin										
- Ceramic	27,764	248.3	18,061	169.0	12,204	149.7	8,410	102.0	13,880	147.3
- Paper	22,942	187.9	7,202	63.4	11,989	105.0	4,534	54.9	5,918	62.5
- Others	53,969	386.1	52,856	412.1	59,004	468.2	68,336	405.7	65,956	536.9
Lucite, Nepheline and Nepheline Syenite	1,433	12.1	1,224	9.7	2,786	22.8	1,805	16.8	1,489	15.1
Mullite	2,549	34.1	1,740	27.6	1,466	25.1	902	15.5	1,771	26.1
Quartz	2,549	7.1	3,499	11.3	1,884	8.4	2,595	10.9	2,572	23.5
Silica sand	33,472	96.4	58,251	168.4	66,685	258.3	31,013	106.2	28,195	94.6
Total		1,199.9		1,135.7		1,361.4		949.9		1,119.1
%		3.47		2.23		2.40		1.74		2.00

Mineral Import of Thailand 2006 - 2010

Quantity : Tonnes

Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Dimension Stone										
Basalt	17,181	76.4	18,992	95.8	20,857	112.4	17,091	98.8	268,767	102.3
Ecaussine	227	1.9	392	2.8	104	0.9	11	0.1	2	0.0*
Marble	30,267	201.4	32,166	231.9	39,215	301.0	39,806	313.4	45,010	322.0
Granite	158,806	664.0	258,084	555.0	138,162	538.7	137,656	553.7	138,476	476.9
Travertine	-	-	0.3	0.0**	-	-	0.1	0.0**	0.1	0.0*
Sandstone	992	10.4	3,779	19.6	939	9.2	738	12.0	0.01	0.0*
Serpentine	124	1.1	-	-	-	-	-	-	-	-
Slate	99	1.0	637	2.0	179	2.7	-	-	346	4.4
Total		956.2		907.1		964.9		978.0		905.6
%		2.77		1.78		1.65		1.79		1.61
Industrial Rock										
Flint	2,283	16.4	3,123	14.5	1,929	16.2	1,663	13.7	6,503	15.2
Pumice stone	7,254	66.7	5,520	47.1	5,194	50.4	4,213	44.8	5,286	56.5
Vermiculite, Perlite and Chlorites	491	5.1	1,017	8.0	1,437	11.2	1,192	9.7	1,944	14.9
Total		88.2		69.6		77.8		68.2		86.6
%		0.26		0.14		0.14		0.13		0.15
Other Industrial Minerals										
Apatile										
- Ground	-	-	-	-	1,611	14.4	1,815	25.8	3,140	39.5
- Unground	-	-	19.0	0.2	-	-	-	-	-	-

Mineral Import of Thailand 2006 - 2010

Quantity : Tonnes

Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Other Industrial Minerals										
Asbestos	140,861	1,709.8	86,525	920.7	94,278	1,071.6	102,739	1,432.7	79,250	1,121.5
Barite	51,825	142.7	78,408	228.6	96,433	391.6	57,452	178.7	78,862	274.1
Bentonite	49,656	278.7	39,345	207.9	54,345	378.4	42,429	272.5	65,096	408.2
Calcite	8	0.0**	1,672	5.4	1,109	3.5	-	-	-	-
Chalk	18	0.9	16	0.7	13	0.6	9	0.7	31	1.2
Cryolite and Chiolite			-	-	-	-	-	-	-	-
Fireclay	23	0.4	28	0.7	81	1.4	67	1.1	4,688	61.6
Fluorite	924	13.6	619	12.7	841	11.2	472	10.8	508	9.8
Kieserite	16,995	85.6	19,238	86.9	29,768	269.2	8,189	63.2	2,847	17.1
Epsomite	347	2.2	481	2.5	-	-	-	-	-	-
Mica	4,360	79.2	5,176	98.4	4,904	107.2	2,991	80.7	5,504	125.3
Monazite	-	-	2	0.0**	-	-	-	-	-	-
Orpiment	86	1.8	773	7.1	20	0.2	-	-	0.1	0.0*
Phosphate										
- Ground	1,182	6.0	11,920	34.8	10,530	46.2	11,670	66.6	356	3.0
- Unground	20,250	56.2	0.5	0.3	-	-	-	-	11,000	25.0
Graphite	745	42.3	760	43.4	1,792	66.9	898	48.0	1,372	75.9
Magnesite	6,535	89.3	5,808	95.8	10,538	193.7	2,028	40.2	3,530	48.9
Steatite	14,100	128.4	5,602	37.9	4,705	67.0	2,632	14.1	2,295	11.6
Potash	0*	0.0**	-	-	-	-	0*	0.0**	-	-

Mineral Import of Thailand 2006 - 2010

Quantity : Tonnes

Value : Million Baht

Mineral	2006		2007		2008		2009		2010	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Other Industrial Minerals										
Pyrophyllite	-	-	187	1.1	-	-	-	-	-	-
Rock salt	23	0.3	5	0.1	700	10.9	2	0.0**	1	0.0*
Sulphur	81,271	276.8	71,184	361.2	119,862	2,581.6	57,076	196.3	132,199	713.9
Talc	82,007	652.7	98,735	791.9	116,906	1,033.8	100,919	5,089.2	135,219	1,452.9
Witherite	141	2.7	391	4.4	698	6.4	450	4.1	501	4.8
Total		3,569.6		2,942.7		6,241.4		7,524.7		4,394.3
%		10.32		5.78		10.99		13.78		7.83
Grand Total		**34,574.5**		**50,902.5**		**56,796.9**		**54,594.1**		**56,119.4**

0 denoting the amount of less than 0.1 metric tonnes* *0.0** denoting the amount of less than 0.05 million baht*