

# Mineral Consumption of Thailand (Fiscal Year) 2001 - 2005

Quantity : Tonnes

Statistics and Data Group, Bureau of Development and Promotion, DPI&M, 11:01, 16/2/2006

Value : Million Baht

Mineral	2001		2002		2003		2004		2005	
	Quantity	Value								
Andesite (industrial rock)	230,921	23.1	953,715	95.4	989,714	98.9	1,117,794	111.8	1,289,881	128.9
Anhydrite	1,510	0.7	1,026	0.5	1,598	0.8	1,022	0.5	1,668	0.9
Antimony ore	1	0.0**	-	-	80	1.2	-	-	31	0.5
Ball clay	270,192	142.2	281,997	155.1	300,614	165.3	348,459	191.7	335,733	184.7
Barite										
- Chemical grade (ground)	-	-	-	-	1,783	11.6	-	-	-	-
- Drilling mud (ground)	1,300	5.2	14,350	57.4	4,785	18.9	-	-	-	-
- Unground	900	1.3	280	0.4	12,705	18.9	5,640	8.4	-	-
Basalt (industrial rock)	4,400,131	440.0	7,525,042	752.5	7,770,285	777.0	8,870,163	887.0	9,923,575	992.4
Bentonite	1,100	0.7	1,900	1.1	600	0.4	1,200	0.7	10,500	6.3
Calcite	133,660	26.3	144,583	28.5	197,875	38.9	364,825	71.9	621,290	122.4
Diatomite	610	0.6	360	0.3	788	0.7	1,232	1.1	950	0.9
Dolomite (unground)	142,980	62.9	312,336	123.8	309,083	103.2	402,218	140.8	396,850	138.9
Dolomitic limestone (industrial rock)	-	-	-	-	-	-	80,611	5.6	-	-
Feldspar										
- Potassium	4,907	8.3	7,740	13.2	8,186	13.9	4,733	8.0	7,147	12.2
- Potassium (ground)	4,535	10.9	2,692	6.5	25	0.1	-	-	-	-
- Sodium	23,574	16.5	28,326	19.8	77,716	54.4	175,535	122.9	86,008	60.2
- Sodium (ground)	189,068	264.7	208,176	291.4	253,918	355.5	335,864	470.2	350,513	490.7
Fluorite (metallurgical grade)	200	0.8	500	2.0	-	-	50	0.2	30	0.1
Gem stone (unit : gram)	207,260	n.a.	314,150	n.a.	165,390	n.a.	178,312	n.a.	153,154	n.a.
Glass sand	451,598	158.1	579,924	203.0	1,058,865	370.6	827,288	289.6	627,610	219.7
Gold ore (unit : gram)	-	-	834	0.4	5,274	2.5	3,748	2.0	2,058	1.1
Granite										
- Dimension stone	12,783*	57.5	8,917*	40.1	9,242*	41.6	9,980*	46.6	10,709*	50.5
- Industrial rock	2,103,499	210.3	3,026,156	302.6	3,051,054	305.1	3,792,544	379.3	4,721,185	472.1
Graywacke (industrial rock - others)	-	-	-	-	-	-	174,778	12.2	293,063	20.5
Gypsum	1,775,030	850.4	1,907,048	905.1	2,015,479	962.8	2,224,096	1,020.7	2,483,522	1,297.9
Iron ore	-	-	7,600	3.0	11,835	4.7	2,030	0.8	7,400	2.9
Kaolin										
- Filler	15,799	30.0	5,770	11.0	650	1.2	-	-	-	-
- Unwashed	111,630	43.0	126,436	48.7	239,141	92.1	392,848	151.2	479,316	184.5
- Washed	170,453	163.6	125,962	120.9	134,975	129.6	169,733	162.9	165,419	158.8
Lead metal	2,763	35.8	2,009	26.0	1,214	15.7	535	6.9	208	2.7
Lignite	18,752,832	9,376.4	19,904,602	9,952.3	18,495,785	9,247.9	19,996,295	9,998.2	20,652,203	10,326.1
Limestone										
- Dimension stone	3,273	6.5	630	1.3	480	1.0	642	1.3	282	0.6
- Industrial rock-construction	34,317,282	2,402.2	47,989,034	3,359.2	62,349,450	4,364.5	71,222,297	4,985.6	79,338,905	5,553.7
- Industrial rock-cement	43,156,430	3,668.3	52,515,948	4,463.9	46,333,815	3,938.4	53,073,517	4,511.3	54,383,489	4,622.6
- Industrial rock-others	1,632,613	138.8	2,318,671	197.1	2,185,017	185.7	1,991,815	169.3	2,606,947	221.6
Manganese (battery grade)	199	0.8	-	-	-	-	-	-	-	-
Marble										
- Dimension stone	23,307*	81.6	17,986*	63.0	20,736*	72.6	19,449*	69.1	20,119*	71.8
- Fragment	241,475*	54.3	520,199*	117.0	316,377*	71.2	274,336*	61.7	206,454*	46.5
Marl	7,635	0.6	63,205	5.4	85,923	7.3	75,804	6.4	105,600	9.0
Mica	90	0.6	-	-	-	-	-	-	-	-
Perlite (industrial rock)	8,100	5.7	5,300	3.7	8,100	5.7	8,500	6.0	12,552	8.9
Phosphate	2,865	1.2	2,991	1.2	3,626	1.5	2,864	1.2	3,018	1.3
Pyrophyllite	55,585	19.5	54,407	19.0	67,638	23.7	88,649	31.0	100,627	35.2
Quartz										
- Unground	3,678	2.8	3,187	2.4	3,732	2.8	7,026	5.3	3,288	2.5
- Industrial rock	26,968	1.9	29,520	2.1	36,475	2.6	39,656	2.8	-	-
Rhyolite (industrial rock)	415,698	29.1	414,277	29.0	203,285	14.2	510,434	35.7	856,062	59.9
Rock salt	880,163	440.1	806,339	403.2	971,024	485.5	932,496	466.2	1,071,825	535.9
Sand										
- Stone (dimension stone)	-	-	-	-	-	-	-	-	1,800	1.2
- Stone (industrial rock)	116,134	5.8	147,290	7.4	137,395	6.9	177,620	8.9	141,499	7.1
Shale (industrial rock-cement)	2,747,942	247.3	6,133,284	552.0	2,832,535	254.9	3,329,337	299.6	3,584,527	322.6
Talc (unground)	7,537	4.5	800	0.5	3,724	2.2	12,359	7.4	10,297	6.2
Tin										
- Tin metal	4,257	894.1	4,614	791.8	4,688	909.0	5,735	1,804.8	4,677	1,505.5
- Tin-lead alloy	431	n.a.	462	n.a.	487	n.a.	631	n.a.	688	n.a.
Travertine (dimension stone)	-	-	-	-	980	1.9	3,480	7.0	2,845	5.7
Zinc										
- Zinc alloy	17,375	943.7	22,465	1,085.8	27,555	1,334.7	33,181	1,734.4	26,784	1,576.2
- Zinc metal	51,744	2,516.9	61,084	2,367.7	61,996	2,372.4	65,095	2,848.6	62,982	3,306.8
Zircon	50	0.3	-	-	-	-	-	-	-	-
<b>Total</b>		<b>23,395.9</b>		<b>26,633.7</b>		<b>26,892.2</b>		<b>31,154.8</b>		<b>32,776.7</b>

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