

T A L C

Tonnes

	2004	2005	2006	2007	2008
<u>Production</u>					
Northern Region					
Uttaradit	12,592	10,270	4,374	3,508	3,264
Total Production	12,592	10,270	4,374	3,508	3,264
Value (Million Baht)	7.6	6.2	2.6	2.1	2.0
<u>Consumption</u>					
Total Consumption	12,592	9,888	4,224	3,400	3,249
Value (Million Baht)	7.6	5.9	2.5	2.0	2.0
<u>Import</u>					
Total Import	80,770	79,673	82,007	98,735	116,906
Value (Million Baht)	539.5	626.2	652.7	791.9	1,033.8

T A N T A L U M

Tonnes

	2004	2005	2006	2007	2008
<u>Export</u>					
1. Columbium Oxide					
Europe					
Germany	-	-	-	16	-
Total Export	-	-	-	16	-
Value (Million Baht)	-	-	-	5.4	-
2. Columbium Pentoxide Powder					
Europe					
Germany	40	70	76	-	-
Total Export	40	70	76	-	-
Value (Million Baht)	15.8	29.6	23.6	-	-
3. Potassium Fluorotantalate Powder					
Asia					
Japan	-	-	2	-	-
Total Export	-	-	2	-	-
Value (Million Baht)	-	-	7.5	-	-
4. Tantalum Pentoxide Powder					
Europe					
Germany	27	-	2	1	-
Total Export	27	-	2	1	-
Value (Million Baht)	150.1	-	10.8	5.3	-

	Tonnes				
	2004	2005	2006	2007	2008
5. Tantalum Powder					
Asia					
Japan	72	24	46	4	-
Philippines	0.0***	-	-	-	-
Europe					
Germany	6	34	30	8	-
North America					
U.S.A.	127	43	84	16	-
Total Export	205	101	160	28	-
Value (Million Baht)	2,003.7	803.7	1,444.8	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	-
<u>Import (Tantalite)</u>					
Total Import	1,090	961	687	348	11,043
Value (Million Baht)	1,610.8	1,344.5	745.1	213.3	91.8

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

T I N

Tonnes

	2004	2005	2006	2007	2008
<u>Production</u>					
1. Production of Tin Concentrates by changwat					
Northern Region					
Chiang Mai	46	66	64	82	183
Chiang Rai	-	-	-	1	-
Tak	1	-	-	2	-
Central Region					
Kanchanaburi	25	1	4	11	11
Southern Region					
Nakhon Si Thammarat	28	-	-	-	-
Phangnga	77	-	21	-	-
Phuket	190	10	-	-	-
Ranong	40	43	40	19	41
Songkhla	86	4	5	-	-
Yala	231	64	91	34	-
Total Production	724	188	225	149	235
Value (Million Baht)	176.2	40.1	54.5	53.9	105.0

Tonnes

	2004	2005	2006	2007	2008
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2. Production of Tin Concentrates by Mining Methods.

Dredging Off Shore	224	10	-	-	-
Gravel Pumping	85	4	5	-	-
Open Pitting	342	131	180	130	194
Dulang Washing	73	43	40	19	41

Total Production	724	188	225	149	235
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3. Percentage of Tin Production by Mining Methods.

Dredging Off Shore	30.9	5.3	-	-	-
Gravel Pumping	11.8	2.1	2.2	-	-
Open Pitting	47.2	69.7	80.0	87.2	82.5
Dulang Washing	10.1	22.9	17.8	12.8	17.5

4. Production of Tin Concentrates by Off Shore Dredging

Southern Region

Phangnga	34	-	-	-	-
Phuket	190	10	10	-	-

Total Production	224	10	10	-	-
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5. Production of Primary Tin Metal

Total Production	20,195	31,126	27,542	22,742	21,618
Value (Million Baht)	6,964.3	9,189.4	9,039.7	11,620.4	13,388.6

	Tonnes				
	2004	2005	2006	2007	2008
<u>Export</u>					
1. Primary Tin Metal					
Africa					
South Africa	180	-	-	-	-
Asia					
Bangladesh	-	100	-	-	-
China	-	100	305	330	40
Hong Kong	160	140	40	340	171
India	-	50	25	220	20
Indonesia	-	-	20	-	-
Iran	-	10	-	-	-
Japan	4,632	4,786	6,003	6,562	10,705
Korea, North	-	-	260	-	-
Korea, South	770	1,180	1,291	832	1,916
Malaysia	460	870	1,183	1,030	1,060
Philippines	-	-	36	-	55
Singapore	280	-	3,220	6,800	812
Taiwan	260	-	-	225	150
Turkey	140	683	350	-	250
Vietnam	-	-	-	-	155
Australia / Oceania					
Australia	139	180	66	80	102
Europe					
Austria	-	-	23	-	-
Belgium	275	2,150	4,400	-	31
Estonia	-	-	-	14	-
France	-	-	25	-	41
Germany	-	106	70	62	101
Italy	400	475	675	582	483
Netherlands	6,520	15,508	3,745	2,400	1,279
Poland	-	20	-	-	-
Russia	-	53	-	-	-
Spain	100	25	200	24	-
U.K.	75	175	425	135	20
North America					
U.S.A.	175	25	35	-	16
Total Export	14,566	26,636	22,397	19,636	17,407
Value (Million Baht)	5,046.5	8,237.9	7,352.4	9,995.4	10,939.1

	Tonnes				
	2004	2005	2006	2007	2008
2. Tin-Lead Alloy					
Asia					
Japan	-	-	-	59	-
Malaysia	37	-	-	64	-
Australia and Oceania					
Australia	-	4	-	-	-
Europe					
Belgium	-	72	-	317	-
Total Export	37	76	-	440	-
Value (Million Baht)	8.7	15.9	-	132.6	-
3. Final Slag					
Asia					
China	147	501	292	41	934
Hong Kong	26	-	287	409	-
Europe					
Russia	40	-	-	-	-
Total Export	213	501	579	450	934
Value (Million Baht)	42.8	68.1	48.6	42.8	93.1
4. Tin Slag					
Asia					
China	-	-	66	-	-
Total Export	-	-	66	-	-
Value (Million Baht)	-	-	5.8	-	-
5. Hard Head					
Asia					
China	-	-	-	-	114
Malaysia	-	-	30	-	23
Europe					
Belgium	-	335	311	740	1,000
Russia	79	72	-	-	-
U.K.	-	2	-	-	20
South America					
Peru	-	-	-	-	170
Total Export	79	409	341	740	1,327
Value (Million Baht)	16.8	61.5	46.4	191.8	403.0

Tonnes

	2004	2005	2006	2007	2008
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Consumption

1. Primary Tin Metal	5,807	4,337	4,915	3,210	4,080
Value (Million Baht)	1,993.9	1,296.8	1,614.8	1,593.9	2,525.9

2. Tin-lead Alloy	644	732	971	718	684
Value (Million Baht)	n.a.	n.a.	n.a.	n.a.	n.a.

Import

Tin ore	12,753	20,018	6,545	12,974	18,771
Value (Million Baht)	2,670.5	3,937.9	1,247.3	3,980.3	5,865.6

TR A V E R T I N E

Tonnes

	2004	2005	2006	2007	2008
<u>Production</u>					
Central Region					
Sara Buri	3,790	2,603	3,316	3,490	3,640
Total Production	3,790	2,603	3,316	3,490	3,640
Value (Million Baht)	7.6	5.2	6.6	6.9	7.3
<u>Consumption</u>					
Total Consumption	3,790	2,603	3,316	3,430	3,280
Value (Million Baht)	7.6	5.2	6.6	6.9	6.6
<u>Import</u>					
Total Import	0.1	20	-	0.3	-
Value (Million Baht)	0.0*	0.1	-	0.0*	-

0.0* denoting the amount of less than 0.05 million baht

TUNGSTEN

Tonnes

	2004	2005	2006	2007	2008
<u>1. Wolfram</u>					
<u>Production</u>					
Northern Region					
Phrae	180	460	340	620	368
Low grade	-	-	-	100	530
Tak	1	-	-	2	-
Central Region					
Kanchanaburi	4	65	87	4	-
Phetchaburi	-	-	-	10	15
Total Production	185	525	427	636	383
Low grade	-	-	-	100	530
Value (Million Baht)	18.4	52.1	42.5	63.2	38.1
Low grade	-	-	-	2.8	14.6
<u>Export</u>					
Asia					
China	-	371	280	766	550
Hong Kong	20	-	-	-	-
Europe					
Austria	-	20	-	-	-
Belgium	-	8	-	-	-
Germany	-	40	20	-	-
U.K.	18	-	-	-	-
North America					
U.S.A.	80	20	13	-	-
Total Export	98	459	313	766	550
Value (Million Baht)	8.9	80.5	65.9	262.8	198.9
<u>Import</u>					
Total Import	-	-	25	-	-
Value (Million Baht)	-	-	2.5	-	-

	Tonnes				
	2004	2005	2006	2007	2008
<u>2. Scheelite</u>					
<u>Production</u>					
Northern Region					
Chiang Mai	152	97	119	180	199
Chiang Rai	-	-	-	4	-
Central Region					
Kanchanaburi	-	-	-	3	-
Total Production	152	97	119	187	199
Value (Million Baht)	15.2	9.7	11.9	18.6	19.8
<u>Export</u>					
North America					
U.S.A.	169	61	130	204	163
Total Export	169	61	130	204	163
Value (Million Baht)	20.8	9.9	34.8	67.9	55.6
<u>3. Other Tungsten</u>					
<u>Import</u>					
Total Import	6	2	0.0**	0.2	-
Value (Million Baht)	3.2	0.8	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