

T A L C

Tonnes

	2002	2003	2004	2005	2006
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Production

Northern Region

Uttaradit	1,702	8,501	12,592	10,270	4,374
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Total Production	1,702	8,501	12,592	10,270	4,374
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Value (Million Baht)	1.0	5.1	7.6	6.2	2.6
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Export

Ground

Asia

Indonesia	65	-	-	-	-
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Malaysia	50	-	-	-	-
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Singapore	36	-	-	-	-
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Total Export	151	-	-	-	-
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Value (Million Baht)	1.9	-	-	-	-
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Consumption

Domestic	1,400	5,531	12,592	9,888	4,224
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Value (Million Baht)	0.8	3.3	7.6	5.9	2.5
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Import	69,245	66,999	80,770	79,673	82,007
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Value (Million Baht)	455.0	441.1	539.5	626.2	652.7
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T A N T A L U M

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	2002	2003	2004	2005	2006
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Export

1. Columbium Hydroxide Powder

Asia

Hong Kong	103	80	-	-	-
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Europe

Germany	60	-	-	-	-
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Total Export	163	80	-	-	-
Value (Million Baht)	67.7	13.8	-	-	-

2. Columbium Pentoxide Powder

Asia

Hong Kong	-	50	-	-	-
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Europe

Germany	120	76	40	70	76
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Total Export	120	126	40	70	76
Value (Million Baht)	95.1	40.4	15.8	29.6	23.6

3. Potassium Fluorotantalate Powder

Asia

Hong Kong	-	1	-	-	-
Japan	259	-	-	-	2

Europe

Germany	9	-	-	-	-
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North America

U.S.A.	273	122	-	-	-
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Total Export	541	123	-	-	2
Value (Million Baht)	3,368.4	863.4	-	-	7.5

T A N T A L U M

cont.
Tonnes

	2002	2003	2004	2005	2006
4. Tantalum Pentoxide Powder					
Africa					
Gambia	42	-	-	-	-
Asia					
Japan	21	0.1	-	-	-
Europe					
Germany	30	-	27	-	2
Total Export	93	0.1	27	-	2
Value (Million Baht)	403.7	0.3	150.1	-	10.8
5. Tantalum Powder					
Asia					
Hong Kong	18	-	-	-	-
Japan	86	104	72	24	46
Europe					
Germany	-	1	6	34	30
North America					
U.S.A.	24	31	127	43	84
Total Export	128	136	205	101	160
Value (Million Baht)	1,204.6	1,500.6	2,003.7	803.7	1,444.8
6. Tantalum Scrap					
Asia					
Hong Kong	-	12	-	-	-
Europe					
Germany	-	-	-	-	5
Total Export	-	12	-	-	5
Value (Million Baht)	-	22.3	-	-	4.7

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1. Production of Tin Concentrates by changwat

Northern Region

Chiang Mai	24	64	46	66	64
Tak	-	2	1	-	-

Central Region

Kanchanaburi	47	24	25	1	4
Prachuap Khiri Khan	51	-	-	-	-
Ratchaburi	4	-	-	-	-

Southern Region

Chumphon	11	7	-	-	-
Nakhon Si Thammarat	17	21	28	-	-
Phangnga	253	109	77	-	21
Phuket	554	255	190	10	-
Ranong	40	40	40	43	40
Songkhla	211	188	86	4	5
Yala	172	270	231	64	91

Total Production	1,384	980	724	188	225
Value (Million Baht)	175.7	142.4	176.2	40.1	54.5

2. Production of Tin Concentrates by Mining Methods

Dredging Off Shore	580	300	224	10	-
Gravel Pumping	211	188	85	4	5
Ground Sluicing	-	2	-	-	-
Open Pitting	418	400	342	131	180
Dulang Washing	175	90	73	43	40

Total Production	1,384	980	724	188	225
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cont.
Tonnes

	2002	2003	2004	2005	2006
3. Percentage of Tin Production by Mining Methods					
Dredging Off Shore	41.9	30.6	30.9	5.3	-
Gravel Pumping	15.3	19.2	11.8	2.1	2.2
Ground Sluicing	-	0.2	-	-	-
Open Pitting	30.2	40.8	47.2	69.7	80.0
Dulang Washing	12.6	9.2	10.1	22.9	17.8

4. Production of Tin Concentrates by Off Shore Dredging

Southern Region

Phangnga	26	45	34	-	-
Phuket	554	255	190	10	-

Total Production	580	300	224	10	-
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5. Production of Primary Tin Metal

Total Production	17,711	14,949	20,195	31,126	27,542
Value (Million Baht)	3,086.5	3,027.9	6,964.3	9,189.4	9,039.7

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	2002	2003	2004	2005	2006
6. Export					
6.1 Primary Tin Metal					
Africa					
South Africa	480	530	180	-	-
Asia					
Bangladesh	-	-	-	100	-
China	20	-	-	100	305
Hong Kong	600	40	160	140	40
India	-	-	-	50	25
Indonesia	-	-	-	-	20
Iran	-	-	-	10	-
Japan	2,821	4,189	4,632	4,786	6,003
Korea, North	-	-	-	-	260
Korea, South	2,380	1,480	770	1,180	1,291
Malaysia	-	180	460	870	1,183
Philippines	-	-	-	-	36
Singapore	800	290	280	-	3,220
Taiwan	480	-	260	-	-
Turkey	-	140	140	683	350
Australia / Oceania					
Australia	410	241	139	180	20
New Zealand	-	25	-	-	-
Europe					
Austria	-	-	-	-	69
Belgium	2,895	675	275	2,150	4,400
France	-	-	-	-	25
Germany	-	-	-	106	70
Italy	-	-	400	475	675
Netherlands	990	2,325	6,520	15,508	3,745
Poland	-	-	-	20	-
Russia	-	-	-	53	-
Spain	-	-	100	25	200
U.K.	745	275	75	175	425
North America					
U.S.A.	-	-	175	25	35
Total Export	12,621	10,390	14,566	26,636	22,397
Value (Million Baht)	2,223.6	2,157.1	5,046.5	8,237.9	7,352.4

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cont.
Tonnes

	2002	2003	2004	2005	2006
6.2 Tin-Lead Alloy					
Asia					
Japan	303	-	-	-	-
Malaysia	58	17	37	-	-
Australia and Oceania					
Australia	-	-	-	4	-
Europe					
Belgium	-	-	-	72	-
Total Export	361	17	37	76	-
Value (Million Baht)	83.8	2.4	8.7	15.9	-
6.3 Final Slag					
Asia					
China	-	166	147	501	579
Hong Kong	-	-	26	-	-
Europe					
Russia	-	-	40	-	-
Total Export	-	166	213	501	579
Value (Million Baht)	-	31.6	42.8	68.1	48.6
6.4 Tin Slag					
Asia					
China	-	-	-	-	66
Hong Kong	2	-	-	-	-
Total Export	2	-	-	-	66
Value (Million Baht)	0.2	-	-	-	5.8

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cont.
Tonnes

	2002	2003	2004	2005	2006
6.5 Hard Head					
Asia					
Malaysia	-	-	-	-	30
Europe					
Belgium	-	-	-	335	311
Bolivia	19	-	-	-	-
Russia	436	128	79	72	-
US.A.	48	-	-	-	-
U.K.	-	91	-	2	-
Total Export	503	219	79	409	341
Value (Million Baht)	38.6	23.2	16.8	61.5	46.4
6.6 Tin Dross					
Europe					
Russia	149	-	-	-	-
Total Export	149	-	-	-	-
Value (Million Baht)	10.6	-	-	-	-
<u>Consumption</u>					
Domestic					
1. Primary Tin Metal	4,809	4,667	5,807	4,337	4,915
Value (Million Baht)	841.4	945.8	1,993.9	1,296.8	1,614.8
2. Tin-lead Alloy	464	529	644	732	971
Value (Million Baht)	n.a	n.a.	n.a.	n.a.	n.a.
Import					
Tin ore	26,578	18,409	12,753	20,018	6,545
Value (Million Baht)	2,274.4	2,179.4	2,670.5	3,937.9	1,247.3

TRAVERTINE

	Tonnes				
	2002	2003	2004	2005	2006
<u>Production</u>					
Central Region					
Sara Buri	-	1,650	3,790	2,603	3,316
Total Production	-	1,650	3,790	2,603	3,316
Value (Million Baht)	-	3.3	7.6	5.2	6.6
<u>Consumption</u>					
Domestic	-	1,650	3,790	2,603	3,316
Value (Million Baht)	-	3.3	7.6	5.2	6.6
Import	-	-	0.1	20	-
Value (Million Baht)	-	-	0.0*	0.1	-

0.0* denoting the amount of less than 0.05 million baht

TUNGSTEN

	Tonnes				
	2002	2003	2004	2005	2006
1. Wolfram					
<u>Production</u>					
Northern Region					
Phrae	-	239	180	460	340
Tak	-	2	1	-	-
Central Region					
Kanchanaburi	7	67	4	65	87
Total Production	7	308	185	525	427
Value (Million Baht)	0.6	30.6	18.4	52.1	42.5
<u>Export</u>					
Asia					
China	-	-	-	371	280
India	20	-	-	-	-
Hong Kong	35	20	20	-	-
Europe					
Austria	-	-	-	20	-
Belgium	-	-	-	8	-
Germany	-	60	-	40	20
U.K.	-	10	18	-	-
North America					
U.S.A.	-	-	80	20	13
Total Export	55	90	98	459	313
Value (Million Baht)	3.0	5.5	8.9	80.5	65.9
<u>Consumption</u>					
Import	-	-	-	-	25
Value (Million Baht)	-	-	-	-	2.5

TUNGSTEN

cont.

Tonnes

	2002	2003	2004	2005	2006
2. Scheelite					
Production					
Northern Region					
Chiang Mai	42	82	152	97	119
Central Region					
Ratchaburi	4	-	-	-	-
Total Production	46	82	152	97	119
Value (Million Baht)	4.6	8.1	15.2	9.7	11.9
<u>Export</u>					
U.S.A.	-	82	169	61	130
Total Export	-	82	169	61	130
Value (Million Baht)	-	8.1	20.8	9.9	34.8