

T A L C

	Tonnes				
	2000	2001	2002	2003	2004
<u>Production</u>					
<u>Northern Region</u>					
Uttaradit	7,390	6,838	1,702	8,501	12,592
Total Production	7,390	6,838	1,702	8,501	12,592
Value (Million Baht)	4.4	4.1	1.0	5.1	7.6
<u>Export</u>					
<u>Ground</u>					
<u>Countries of Destination</u>					
Bangladesh	-	12	-	-	-
Indonesia	-	24	65	-	-
Korea, South	-	60	-	-	-
Malaysia	-	243	50	-	-
Pakistan	-	32	-	-	-
Singapore	-	39	36	-	-
Total Export	-	410	151	-	-
Value (Million Baht)	-	5.2	1.9	-	-
<u>Domestic Consumption</u>	5,544	5,784	1,400	5,531	12,592
Value (Million Baht)	3.3	3.5	0.8	3.3	7.6

T A N T A L U M

	Tonnes				
	2000	2001	2002	2003	2004
<u>Export</u>					
1. <u>Columbium Hydroxide Powder</u>					
<u>Countries of Destination</u>					
Germany	-	350	60	-	-
Hong Kong	-	-	103	80	-
Total Export	-	350	163	80	-
Value (Million Baht)	-	168.9	67.7	13.8	-
2. <u>Columbium Pentoxide Powder</u>					
<u>Countries of Destination</u>					
Germany	37	-	120	76	40
Hong Kong	-	-	-	50	-
Total Export	37	-	120	126	40
Value (Million Baht)	23.4	-	95.1	40.4	15.8
3. <u>Potassium Fluorotantalate Powder</u>					
<u>Countries of Destination</u>					
Germany	-	0.3	9	-	-
Hong Kong	-	-	-	1	-
Japan	5	-	259	-	-
U.S.A.	1	-	273	122	-
Total Export	6	0.3	541	123	-
Value (Million Baht)	20.9	3.0	3,368.4	863.4	-
4. <u>Tantalum Hydroxide Powder</u>					
<u>Countries of Destination</u>					
Germany	15	47	-	-	-
Total Export	15	47	-	-	-
Value (Million Baht)	63.2	481.2	-	-	-

T A N T A L U M

(cont.)

Tonnes

	2000	2001	2002	2003	2004
5. <u>Tantalum Pentoxide Powder</u>					
<u>Countries of Destination</u>					
Gambia	-	-	42	-	-
Germany	22	53	30	-	27
Japan	4	-	21	0.1	-
U.S.A.	1	-	-	-	-
Total Export	27	53	93	0.1	27
Value (Million Baht)	231.8	555.9	403.7	0.3	150.1
6. <u>Tantalum Powder</u>					
<u>Countries of Destination</u>					
Germany	-	-	-	1	6
Hong Kong	15	-	18	-	-
Japan	84	37	86	104	72
U.S.A.	56	54	24	31	127
Total Export	155	91	128	136	205
Value (Million Baht)	1,671.6	1,689.4	1,204.6	1,500.6	2,003.7
7. <u>Tantalum Scrap</u>					
<u>Countries of Destination</u>					
Germany	11	-	-	-	-
Hong Kong	10	25	-	12	-
Total Export	21	25	-	12	-
Value (Million Baht)	20.6	25.4	-	22.3	-

T I N

	Tonnes				
	2000	2001	2002	2003	2004
1. <u>Production of Tin Concentrates by Changwat</u>					
<u>Northern Region</u>					
Chiang Mai	11	20	24	64	46
Tak	4	2	-	2	1
<u>Central Region</u>					
Kanchanaburi	38	61	47	24	25
Prachuap Khiri Khan	71	83	51	-	-
Ratchaburi	18	8	4	-	-
<u>Southern Region</u>					
Chumphon	-	9	11	7	-
Nakhon Si Thammarat	7	72	17	21	28
Phangnga	477	414	253	109	77
Phuket	1,236	1,239	554	255	190
Ranong	38	38	40	40	40
Songkhla	127	174	211	188	86
Yala	336	263	172	270	231
Total Production	2,363	2,383	1,384	980	724
Value (Million Baht)	367.2	346.7	175.7	142.5	176.2

T I N

(cont.-1)

Tonnes

	2000	2001	2002	2003	2004
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2. Production of Tin Concentrates by Mining Methods.

Dredging Off Shore	1,236	1,245	580	300	224
Gravel Pumping	294	180	211	188	85
Ground Sluicing	7	4	-	2	-
Open Pitting	472	496	418	400	342
Dulang Washing	354	459	175	90	76
Total Production	2,363	2,384	1,384	980	724

3. Percentage of Tin Production by Mining Methods.

Dredging Off Shore	52.3	52.2	41.9	30.6	30.9
Gravel Pumping	12.4	7.5	15.3	19.2	11.8
Ground Sluicing	0.3	0.2	-	0.2	-
Open Pitting	20.0	20.8	30.2	40.8	47.2
Dulang Washing	15.0	19.3	12.6	9.2	10.1

4. Production of Tin Concentrates by Off Shore Dredging

Southern Region

Phangnga	-	5	26	45	34
Phuket	1,236	1,240	554	255	190
Total Production	1,236	1,245	580	300	224

5. Production of Primary Tin Metal

Total Production	17,076	22,387	17,711	14,949	20,195
Value (Million Baht)	3,675.3	4,300.5	3,086.5	3,027.9	6,964.3

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(cont.-2)

Tonnes

	2000	2001	2002	2003	2004
6. Export					
6.1 Primary Tin Metal					
<u>Countries of Destination</u>					
Australia	1,662	1,534	410	241	139
Belgium	-	2,715	2,895	675	275
China	-	-	20	-	-
Hong Kong	-	300	600	40	160
Italy	-	50	-	-	400
Japan	4,862	3,176	2,821	4,189	4,632
Korea, South	2,500	480	2,380	1,480	770
Malaysia	-	5	-	180	460
Myanmar	4	-	-	-	-
Netherlands	2,055	2,210	990	2,325	6,520
New Zealand	-	-	-	25	-
Pakistan	-	20	-	-	-
Singapore	20	1,500	800	290	280
South Africa	175	540	480	530	180
Spain	60	2,970	-	-	100
Taiwan	620	320	480	-	260
Turkey	-	-	-	140	140
U.K.	835	2,755	745	275	75
U.S.A.	40	-	-	-	175
Total Export	12,833	18,575	12,621	10,390	14,566
Value (Million Baht)	2,780.1	3,602.3	2,223.6	2,157.1	5,046.5

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(cont.-3)

Tonnes

	2000	2001	2002	2003	2004
6.2 Tin-Lead Alloy					
<u>Countries of Destination</u>					
Japan	-	42	303	-	-
Malaysia	24	49	58	17	37
Russia	-	30	-	-	-
Total Export	24	121	361	17	37
Value (Million Baht)	3.0	22.4	83.8	2.4	8.7
6.3 Final Slag					
<u>Countries of Destination</u>					
China	87	-	-	166	147
Hong Kong	-	-	-	-	26
Russia	-	-	-	-	40
Singapore	275	-	-	-	-
Total Export	362	-	-	166	213
Value (Million Baht)	247.6	-	-	31.6	42.8
6.4 Tin Slag					
<u>Countries of Destination</u>					
China	18	154	-	-	-
Hong Kong	-	29	2	-	-
Singapore	-	71	-	-	-
Total Export	18	254	2	-	-
Value (Million Baht)	1.0	108.1	0.2	-	-

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Tonnes

	2000	2001	2002	2003	2004
6.5 Hard Head					
<u>Countries of Destination</u>					
Bolivia	-	-	19	-	-
Russia	-	699	436	128	79
U.S.E.	-	-	48	-	-
U.K.	-	-	-	91	-
Total Export	-	699	503	219	79
Value (Million Baht)	-	60.8	38.6	23.2	16.8
6.7 Tin Dross					
<u>Countries of Destination</u>					
Russia	1,121	98	149	-	-
Total Export	1,121	98	149	-	-
Value (Million Baht)	130.3	9.2	10.6	-	-
<u>Domestic Consumption of Primary</u>					
1. Primary Tin Metal	4,366	4,115	4,809	4,667	5,807
Value (Million Baht)	940.4	806.7	841.4	945.8	1,993.9
2. Tin-lead Alloy	446	423	464	529	644
Value (Million Baht)	n.a	n.a	n.a	n.a.	n.a.

TR A V E R T I N E

	Tonnes				
	2000	2001	2002	2003	2004
<u>Production</u>					
<u>Central Region</u>					
Sara Buri	-	-	-	1,650	3,790
Total Production	-	-	-	1,650	3,790
Value (Million Baht)	-	-	-	3.3	7.6
<u>Domestic Consumption</u>	-	-	-	1,650	3,790
Value (Million Baht)	-	-	-	3.3	7.6

TUNGSTEN

	Tonnes				
	2000	2001	2002	2003	2004
1. <u>Wolfram</u>					
<u>Production</u>					
<u>Northern Region</u>					
Phrae	-	-	-	239	180
Tak	-	-	-	2	1
<u>Central Region</u>					
Kanchanaburi	27	55	7	67	4
Total Production	27	55	7	308	185
Value (Million Baht)	2.7	5.5	0.6	30.6	18.4
<u>Export</u>					
<u>Countries of Destination</u>					
Germany	-	40	-	60	-
Hong Kong	-	-	35	20	-
India	-	-	20	-	-
Netherlands	-	24	-	-	-
Singapore	-	20	-	-	-
U.K.	-	-	-	10	18
U.S.A.	-	9	-	-	80
Total Export	-	93	55	90	98
Value (Million Baht)	-	10.6	3.0	5.5	8.9

TUNGSTEN

(cont.)

Tonnes

	2000	2001	2002	2003	2004
2. Scheelite					
<u>Production</u>					
<u>Northern Region</u>					
Chiang Mai	27	37	42	82	152
<u>Central Region</u>					
Ratchaburi	-	-	4	-	-
Total Production	27	37	46	82	152
Value (Million Baht)	2.7	3.7	4.6	8.1	15.2
<u>Export</u>					
<u>Countries of Destination</u>					
Germany	-	2	-	-	-
U.S.A.	41	-	-	82	169
Total Export	41	2	-	82	169
Value (Million Baht)	3.4	0.3	-	8.1	20.8