

# T A L C

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

# T A N T A L U M

	Tonnes				
	2000	2001	2002	2003	2004
<b><u>Export</u></b>					
1. <u>Columbium Hydroxide Powder</u>					
<u>Countries of Destination</u>					
Germany	-	350	60	-	-
Hong Kong	-	-	103	80	-
<b>Total Export</b>	-	350	163	80	-
<b>Value (Million Baht)</b>	-	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	-
<b>Total Export</b>	37	-	120	126	40
<b>Value (Million Baht)</b>	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	-
<b>Total Export</b>	6	0.3	541	123	-
<b>Value (Million Baht)</b>	20.9	3.0	3,368.4	863.4	-
4. <u>Tantalum Hydroxide Powder</u>					
<u>Countries of Destination</u>					
Germany	15	47	-	-	-
<b>Total Export</b>	15	47	-	-	-
<b>Value (Million Baht)</b>	63.2	481.2	-	-	-

# TANTALUM

(cont.)

Tonnes

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

# T I N

	Tonnes				
	2000	2001	2002	2003	2004
<b>1. <u>Production of Tin Concentrates by Changwat</u></b>					
<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
<b>Total Production</b>	<b>2,363</b>	<b>2,383</b>	<b>1,384</b>	<b>980</b>	<b>724</b>
<b>Value (Million Baht)</b>	<b>367.2</b>	<b>346.7</b>	<b>175.7</b>	<b>142.5</b>	<b>176.2</b>

**T I N****(cont.-1)**

Tonnes

	2000	2001	2002	2003	2004
<b>2. Production of Tin Concentrates by Mining Methods.</b>					
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
<b>Total Production</b>	<b>2,363</b>	<b>2,384</b>	<b>1,384</b>	<b>980</b>	<b>724</b>
<b>3. Percentage of Tin Production by Mining Methods.</b>					
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
<b>4. Production of Tin Concentrates by Off Shore Dredging</b>					
<u>Southern Region</u>					
Phangnga	-	5	26	45	34
Phuket	1,236	1,240	554	255	190
<b>Total Production</b>	<b>1,236</b>	<b>1,245</b>	<b>580</b>	<b>300</b>	<b>224</b>
<b>5. Production of Primary Tin Metal</b>					
<b>Total Production</b>	<b>17,076</b>	<b>22,387</b>	<b>17,711</b>	<b>14,949</b>	<b>20,195</b>
<b>Value (Million Baht)</b>	<b>3,675.3</b>	<b>4,300.5</b>	<b>3,086.5</b>	<b>3,027.9</b>	<b>6,964.3</b>

**T I N****(cont.-2)**

Tonnes

	2000	2001	2002	2003	2004
<b>6. Export</b>					
<b>6.1 Primary Tin Metal</b>					
<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
<b>Total Export</b>	12,833	18,575	12,621	10,390	14,566
<b>Value (Million Baht)</b>	2,780.1	3,602.3	2,223.6	2,157.1	5,046.5

**T I N****(cont.-3)**

Tonnes

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

**T I N****(cont.-4)**

Tonnes

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



# T R A V E R T I N E

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

# TUNGSTEN

	Tonnes				
	2000	2001	2002	2003	2004
<b>1. <u>Wolfram</u></b>					
<b><u>Production</u></b>					
<u>Northern Region</u>					
Phrae	-	-	-	239	180
Tak	-	-	-	2	1
<u>Central Region</u>					
Kanchanaburi	27	55	7	67	4
<b>Total Production</b>	27	55	7	308	185
<b>Value (Million Baht)</b>	2.7	5.5	0.6	30.6	18.4
<b><u>Export</u></b>					
<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
<b>Total Export</b>	-	93	55	90	98
<b>Value (Million Baht)</b>	-	10.6	3.0	5.5	8.9

**TUNGSTEN****(cont.)**

Tonnes

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