

# TALC

Tonnes

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

# TANTALUM

Tonnes

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

	Tonnes				
	2004	2005	2006	2007	2008
<b>5. Tantalum Powder</b>					
<b>Asia</b>					
Japan	72	24	46	4	-
Philippines	0.0***	-	-	-	-
<b>Europe</b>					
Germany	6	34	30	8	-
<b>North America</b>					
U.S.A.	127	43	84	16	-
<b>Total Export</b>	<b>205</b>	<b>101</b>	<b>160</b>	<b>28</b>	<b>-</b>
<b>Value (Million Baht)</b>	<b>2,003.7</b>	<b>803.7</b>	<b>1,444.8</b>	<b>280.2</b>	<b>-</b>
<b>6. Tantalum Scrap</b>					
<b>Europe</b>					
Germany	-	-	5	-	-
<b>Total Export</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>-</b>	<b>-</b>
<b>Value (Million Baht)</b>	<b>-</b>	<b>-</b>	<b>4.7</b>	<b>-</b>	<b>-</b>
<b>7. Tantalum Oxide</b>					
<b>Europe</b>					
Germany	-	-	-	4	-
<b>Total Export</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>-</b>
<b>Value (Million Baht)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>21.2</b>	<b>-</b>
<b><u>Import (Tantalite)</u></b>					
<b>Total Import</b>	<b>1,090</b>	<b>961</b>	<b>687</b>	<b>348</b>	<b>11,043</b>
<b>Value (Million Baht)</b>	<b>1,610.8</b>	<b>1,344.5</b>	<b>745.1</b>	<b>213.3</b>	<b>91.8</b>

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

# T I N

Tonnes

	2004	2005	2006	2007	2008
<b>Production</b>					
<b>1. Production of Tin Concentrates by changwat</b>					
<b>Northern Region</b>					
Chiang Mai	46	66	64	82	183
Chiang Rai	-	-	-	1	-
Tak	1	-	-	2	-
<b>Central Region</b>					
Kanchanaburi	25	1	4	11	11
<b>Southern Region</b>					
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	-
<b>Total Production</b>	<b>724</b>	<b>188</b>	<b>225</b>	<b>149</b>	<b>235</b>
<b>Value (Million Baht)</b>	<b>176.2</b>	<b>40.1</b>	<b>54.5</b>	<b>53.9</b>	<b>105.0</b>

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

<b>Total Production</b>	<b>724</b>	<b>188</b>	<b>225</b>	<b>149</b>	<b>235</b>
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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	-	-

<b>Total Production</b>	<b>224</b>	<b>10</b>	<b>10</b>	<b>-</b>	<b>-</b>
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### 5. Production of Primary Tin Metal

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

	Tonnes				
	2004	2005	2006	2007	2008
<b>Export</b>					
<b>1. Primary Tin Metal</b>					
<b>Africa</b>					
South Africa	180	-	-	-	-
<b>Asia</b>					
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
<b>Australia / Oceania</b>					
Australia	139	180	66	80	102
<b>Europe</b>					
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
<b>North America</b>					
U.S.A.	175	25	35	-	16
<b>Total Export</b>	<b>14,566</b>	<b>26,636</b>	<b>22,397</b>	<b>19,636</b>	<b>17,407</b>
<b>Value (Million Baht)</b>	<b>5,046.5</b>	<b>8,237.9</b>	<b>7,352.4</b>	<b>9,995.4</b>	<b>10,939.1</b>

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

Tonnes

	2004	2005	2006	2007	2008
<b><u>Consumption</u></b>					
<b>1. Primary Tin Metal</b>	<b>5,807</b>	<b>4,337</b>	<b>4,915</b>	<b>3,210</b>	<b>4,080</b>
<b>Value (Million Baht)</b>	<b>1,993.9</b>	<b>1,296.8</b>	<b>1,614.8</b>	<b>1,593.9</b>	<b>2,525.9</b>
<b>2. Tin-lead Alloy</b>	<b>644</b>	<b>732</b>	<b>971</b>	<b>718</b>	<b>684</b>
<b>Value (Million Baht)</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>
<b><u>Import</u></b>					
<b>Tin ore</b>	<b>12,753</b>	<b>20,018</b>	<b>6,545</b>	<b>12,974</b>	<b>18,771</b>
<b>Value (Million Baht)</b>	<b>2,670.5</b>	<b>3,937.9</b>	<b>1,247.3</b>	<b>3,980.3</b>	<b>5,865.6</b>



# T R A V E R T I N E

Tonnes

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

0.0\* denoting the amount of less than 0.05 million baht

# TUNGSTEN

Tonnes

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

	Tonnes				
	2004	2005	2006	2007	2008
<b><u>2. Scheelite</u></b>					
<b><u>Production</u></b>					
<b>Northern Region</b>					
Chiang Mai	152	97	119	180	199
Chiang Rai	-	-	-	4	-
<b>Central Region</b>					
Kanchanaburi	-	-	-	3	-
<b>Total Production</b>	<b>152</b>	<b>97</b>	<b>119</b>	<b>187</b>	<b>199</b>
<b>Value (Million Baht)</b>	<b>15.2</b>	<b>9.7</b>	<b>11.9</b>	<b>18.6</b>	<b>19.8</b>
<b><u>Export</u></b>					
<b>North America</b>					
U.S.A.	169	61	130	204	163
<b>Total Export</b>	<b>169</b>	<b>61</b>	<b>130</b>	<b>204</b>	<b>163</b>
<b>Value (Million Baht)</b>	<b>20.8</b>	<b>9.9</b>	<b>34.8</b>	<b>67.9</b>	<b>55.6</b>
<b><u>3. Other Tungsten</u></b>					
<b><u>Import</u></b>					
<b>Total Import</b>	<b>6</b>	<b>2</b>	<b>0.0**</b>	<b>0.2</b>	<b>-</b>
<b>Value (Million Baht)</b>	<b>3.2</b>	<b>0.8</b>	<b>0.0*</b>	<b>0.1</b>	<b>-</b>

0.0\*\* denoting the amount of less than 0.1 tonnes

0.0\* denoting the amount of less than 0.05 million baht