

**Statistics Report  
BPI 1/2007**

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**THAILAND  
METAL STATISTICS YEAR 2006 (JAN-JUN)**

**Bureau of Primary Industries  
Department of Primary Industries and Mines**

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## **PREFACE**

The publication of metal statistics entitled "Thailand Metal Statistics Year 2006 (Jan-Jun)" covers production, import, export and price of metal products of the country.

This publication has been published to serve the market for various industries and business.

We welcome your input for ideas, mistake corrections and suggestions for future update.

Bureau of Primary Industries

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Editors

**CONTENT**

Page

**PREFACE****ACKNOWLEDGEMENT****OVERALL TITLE**

Table 1	Overall Metal Production Statistics 2004-2006 (Jan-Jun)	2
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**PRODUCTION**

Table 2	Nonferrous Production Statistics 2001 - 2006 (Jan-Jun)	4
Table 3	Steel Production Statistics 2001 - 2006 (Jan-Jun)	4

**IMPORT**

Table 4	Aluminium Import Statistics 2001 - 2006 (Jan-Jun)	6
Table 5	Copper Import Statistics 2001 - 2006 (Jan-Jun)	7
Table 6	Iron and Steel Import Statistics 2001 - 2006 (Jan-Jun)	8
Table 7	Lead Import Statistics 2001 - 2006 (Jan-Jun)	10
Table 8	Nickel Import Statistics 2001 - 2006 (Jan-Jun)	11
Table 9	Tin Import Statistics 2001 - 2006 (Jan-Jun)	12
Table 10	Zinc Import Statistics 2001 - 2006 (Jan-Jun)	13
Table 11	Precious Metals Import Statistics 2001 - 2006 (Jan-Jun)	14
Table 12	Others Import Statistics 2001 - 2006 (Jan-Jun)	15

**EXPORT**

Table 13	Aluminium Export Statistics 2001 - 2006 (Jan-Jun)	18
Table 14	Copper Export Statistics 2001 - 2006 (Jan-Jun)	19
Table 15	Iron and Steel Export Statistics 2001 - 2006 (Jan-Jun)	20
Table 16	Lead Export Statistics 2001 - 2006 (Jan-Jun)	22
Table 17	Nickel Export Statistics 2001 - 2006 (Jan-Jun)	23
Table 18	Tin Export Statistics 2001 - 2006 (Jan-Jun)	24
Table 19	Zinc Export Statistics 2001 - 2006 (Jan-Jun)	25
Table 20	Precious Metals Export Statistics 2001 - 2006 (Jan-Jun)	26
Table 21	Others Export Statistics 2001 - 2006 (Jan-Jun)	27

**PRICE**

Table 22	Metals Domestic Price Statistics 2006 (Jan-Jun)	30
Table 23	Iron and Steel Domestic Price Statistics 2006 (Jan-Jun)	30

**APPENDIX I METALS WORLD PRICE STATISTICS**

Table I-1	Aluminium World Price Statistics 1993 - 2006 (Jan-Jun)	32
Table I-2	Antimony World Price Statistics 1993 - 2006 (Jan-Jun)	32
Table I-3	Cadmium (99.99%) World Price Statistics 1993 - 2006 (Jan-Jun)	33
Table I-4	Copper World Price Statistics 1993 - 2006 (Jan-Jun)	33
Table I-5	Gold World Price Statistics 1993 - 2006 (Jan-Jun)	34
Table I-6	Lead World Price Statistics 1993 - 2006 (Jan-Jun)	34

	Page
Table I-7 Nickel World Price Statistics 1993 - 2006 (Jan-Jun)	35
Table I-8 Platinum World Price Statistics 1993 - 2006 (Jan-Jun)	35
Table I-9 Palladium World Price Statistics 1993 - 2006 (Jan-Jun)	36
Table I-10 Silver World Price Statistics 1993 - 2006 (Jan-Jun)	36
Table I-11 Steel World Price Statistics 2006 (Jan-Jun)	37
Table I-12 Tin World Price Statistics 1993 - 2006 (Jan-Jun)	40
Table I-13 Zinc World Price Statistics 1993 - 2006 (Jan-Jun)	40

***OVERALL***

**Table 1 Overall Metal Production Statistics 2004-2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	Quantities			Value <sup>E</sup>		
	2004	2005	2006 <sup>P</sup> (Jan-Jun)	2004	2005	2006 <sup>P</sup> (Jan-Jun)
<b>1. Antimony</b>	2	460	286	0	64	32
<b>2. Lead</b>	57,500	61,100	32,095	2,010	2,385	1,701
<b>3. Steel<sup>1/</sup></b>	12,185	11,617	5,228	267,800	230,887	111,050
<b>4. Tantalum Powder</b>	317	150	118	4,120	1,215	1,003
<b>5. Tin</b>	20,800	31,600	14,215	6,780	9,323	4,947
<b>6. Zinc</b>	115,500	104,500	47,822	4,620	5,773	5,786
<b>7. Gold and Silver</b>	15.2	18.5	9.2	2,342	2,940	1,732
- Gold	4.5	4.4	2.3	2,250	2,807	1,638
- Silver	10.7	14.1	6.9	92	133	94
<b>8. Copper</b>	5,800	15,800	6,880	725	2,324	1,626

1/ : Unit in 1,000 Tonnes

E : Estimate



***PRODUCTION***

**Table 2 Nonferrous Production Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

ITEM	2001	2002	2003	2004	2005	2006 <sup>P</sup> (Jan-Jun)
<b>1. Antimony</b>	12	0	12	2	460	286
<b>2. Lead</b>	30,000	42,900	45,300	57,500	61,100	32,095
<b>3. Tantalum Powder</b>	150	102	168	317	150	118
<b>4. Tin</b>	22,900	18,600	15,400	20,800	31,600	14,215
<b>5. Zinc</b>	104,300	104,800	116,400	115,500	104,500	47,822
<b>6. Gold and Silver</b>	1.5	23.0	16.8	15.2	18.5	9.2
- Gold	0.3	4.9	4.3	4.5	4.4	2.3
- Silver	1.2	18.0	12.5	10.7	14.1	6.9
<b>7. Copper</b>	-	-	-	5,800	15,800	6,880

**Table 3 Steel Production Statistics 2001 - 2006 (Jan-Jun)**

Unit : 1,000 Tonnes

ITEM	2001	2002	2003	2004	2005	2006 <sup>P</sup> (Jan-Jun)
<b>1. Semi-finished Products</b>	1,711	2,008	2,472	4,144	4,232	2,390
<b>2. Long Products<sup>E1</sup></b>	2,500	3,343	3,534	4,907	4,578	1,633
<b>3. Flat Products</b>	3,358	4,617	5,246	5,783	5,757	2,928
Hot-Rolled Coils	1,895	2,952	3,321	3,840	4,434	2,155
Hot-Rolled Plates						
Cold-Rolled Coils	1,464	1,665	1,925	1,943	1,323	773
<b>4. Others Products<sup>1/</sup></b>	46	46	24	17	26	21
<b>5. Coated Steel</b>	825	944	997	1,042	850	487
Tinplates	212	244	274	335	228	125
Tin Free Steel	104	109	137	137	129	65
Galvanized Sheets	326	444	468	440	311	165
Zincalume, Colorbond, ShutterEx and Paint	183	147	119	129	182	132
<b>6. Pipes &amp; Tubes<sup>E2</sup></b>	510	511	435	436	406	219
<b>Steel Products Total<sup>2/</sup></b>	7,240	9,461	10,236	12,185	11,617	5,288

1/ : Electric Arc Furnace - EAF

2/ : Excludes Item 1

E1 : Estimates (Included Bars, Wire Rods and Sections)

E2 : Bank of Thailand

***IMPORT***

**Table 4 Aluminium Import Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Scrap</b>	<b>13,126</b>	<b>17,602</b>	<b>22,364</b>	<b>31,177</b>	<b>31,784</b>	<b>27,178</b>
Value	699	890	1,158	1,768	1,893	1,932
<b>2. Unwrought</b>	<b>234,692</b>	<b>259,324</b>	<b>330,317</b>	<b>392,748</b>	<b>386,924</b>	<b>201,535</b>
Aluminium	125,858	124,554	144,159	184,760 <sup>E</sup>	165,084	96,176
Aluminium alloys	108,834	134,769	186,158	207,988	221,841	105,359
Value	17,122	16,343	20,128	28,092	30,586	19,537
<b>3. Powders &amp; Flakes</b>	<b>580</b>	<b>671</b>	<b>864</b>	<b>1,021</b>	<b>434</b>	<b>261</b>
Value	64	62	78	75	92	55
<b>4. Bars, Rods &amp; Profiles</b>	<b>3,416</b>	<b>2,615</b>	<b>4,278</b>	<b>4,141</b>	<b>5,905</b>	<b>4,566</b>
Aluminium	1,609	432	641	650	527	197
Aluminium alloys	1,807	2,184	3,638	3,490	5,378	4,369
Value	431	359	575	680	970	673
<b>5. Wire</b>	<b>2,528</b>	<b>2,741</b>	<b>2,634</b>	<b>3,258</b>	<b>2,685</b>	<b>1,159</b>
Aluminium	231	205	308	225	175	60
Aluminium alloys	2,297	2,536	2,326	3,033	2,510	1,099
Value	356	314	311	366	339	172
<b>6. Plates, Sheets &amp; Strip (t&gt;0.2mm)</b>	<b>56,166</b>	<b>61,025</b>	<b>70,755</b>	<b>80,949</b>	<b>47,690</b>	<b>16,186</b>
Aluminium	7,124	7,612	7,930	9,670	9,356	5,151
Aluminium alloys	49,042	53,413	62,825	71,278	38,333	11,035
Value	6,689	6,805	7,804	9,354	5,809	2,288
<b>7. Foil (t&lt;=0.2mm)</b>	<b>20,407</b>	<b>21,686</b>	<b>26,571</b>	<b>33,275</b>	<b>13,517</b>	<b>6,972</b>
Not backed	16,457	17,574	22,278	28,054	9,086	4,051
Backed	3,950	4,112	4,293	5,221	4,431	2,920
Value	3,683	3,693	4,290	5,493	2,057	1,067
<b>8. Tubes, Pipes &amp; Fittings</b>	<b>1,866</b>	<b>2,160</b>	<b>2,391</b>	<b>3,091</b>	<b>6,142</b>	<b>3,572</b>
Tubes & Pipes	1,746	1,843	2,191	2,839	5,781	3,327
Fittings	120	317	200	251	361	245
Value	786	742	890	1,102	1,875	1,209
<b>Total Quantity</b>	<b>332,781</b>	<b>367,824</b>	<b>460,174</b>	<b>549,659</b>	<b>495,081</b>	<b>261,428</b>
<b>Total Value</b>	<b>29,830</b>	<b>29,209</b>	<b>35,234</b>	<b>46,929</b>	<b>43,621</b>	<b>26,931</b>

P : Preliminary

E : Estimates (Source of Customs Department : Quantity of Aluminium unwrought is 1,182,453 tonnes)

**Table 5 Copper Import Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Matte &amp; Cement</b>	15	176	1	1	1	29
Value	3	3	0	0	0	1
<b>2. Scrap</b>	4,210	4,245	4,757	6,560	5,015	3,461
Value	287	208	360	608	602	568
<b>3. Unwrought</b>	175,331	195,465	217,016	282,313	246,279	163,932
Copper	166,795	186,633	205,187	229,840	235,715	158,591
Copper alloys	8,535	8,832	11,829	52,473	10,564	5,341
Value	13,693	14,153	16,243	27,838	35,596	32,252
<b>4. Powders &amp; Flakes</b>	450	559	587	721	1,242	513
Value	80	101	118	167	1,655	124
<b>5. Bars, Rods &amp; Profiles</b>	4,074	6,202	7,705	7,733	11,227	7,030
Copper	407	671	934	946	2,219	1,276
Copper alloys	3,666	5,530	6,771	6,786	9,008	5,754
Value	513	692	888	1,255	1,664	1,310
<b>6. Wire</b>	26,680	36,362	45,421	52,436	39,097	19,812
Copper	23,140	31,792	41,128	49,166	35,934	18,060
Copper alloys	3,540	4,570	4,293	3,270	3,163	1,752
Value	2,632	2,837	4,171	6,838	6,431	4,776
<b>7. Plates, Sheets &amp; Strip (t&gt;0.15 mm)</b>	18,170	26,365	28,732	34,939	35,374	19,744
Copper	5,828	8,058	8,594	11,217	11,836	5,811
Copper alloys	12,342	18,308	20,139	23,722	23,539	13,933
Value	3,968	3,956	4,585	7,027	8,048	5,231
<b>8. Foil (t&lt;=0.15 mm)</b>	12,102	14,154	14,517	15,844	13,215	7,194
Not backed	6,111	5,870	6,725	7,519	8,012	4,460
Backed	5,991	8,284	7,791	8,325	5,203	2,734
Value	2,826	2,881	3,524	4,159	4,461	2,577
<b>9. Tubes, Pipes &amp; Fittings</b>	10,585	9,619	11,578	13,778	14,943	10,749
Tubes & Pipes	10,190	9,365	11,172	13,268	13,898	9,955
Fittings	396	254	406	510	1,046	794
Value	1,863	1,649	1,953	2,698	3,293	2,513
<b>Total Quantity</b>	<b>251,616</b>	<b>293,148</b>	<b>330,314</b>	<b>414,323</b>	<b>366,394</b>	<b>232,464</b>
<b>Total Value</b>	<b>25,865</b>	<b>26,481</b>	<b>31,844</b>	<b>50,590</b>	<b>61,750</b>	<b>49,352</b>

P : Preliminary

**Table 6 Iron and Steel Import Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Pig Iron/DRI/HBI</b>	<b>113,478</b>	<b>203,968</b>	<b>369,589</b>	<b>918,151</b>	<b>967,640</b>	<b>337,188</b>
<i>Value</i>	<b>987</b>	<b>1,586</b>	<b>3,216</b>	<b>8,204</b>	<b>11,740</b>	<b>4,224</b>
<b>2. Ferro-alloys</b>	<b>48,185</b>	<b>54,457</b>	<b>72,017</b>	<b>84,389</b>	<b>79,975</b>	<b>41,182</b>
Ferro-chromium	4,218	5,471	8,628	11,031	15,616	8,352
Ferro-manganese	6,593	7,221	8,070	12,209	9,597	6,822
Ferro-silicon	17,291	18,223	26,423	26,240	24,142	11,779
Ferro-silicon-manganese	19,040	22,047	27,511	32,602	27,748	12,940
Other	1,043	1,495	1,385	2,307	2,873	1,290
<i>Value</i>	<b>1,231</b>	<b>1,326</b>	<b>1,834</b>	<b>3,494</b>	<b>3,191</b>	<b>1,429</b>
<b>3. Scrap</b>	<b>696,512</b>	<b>977,555</b>	<b>1,279,889</b>	<b>1,849,787</b>	<b>1,683,042</b>	<b>581,719</b>
Carbon Steel	636,004	945,155	1,220,880	1,696,333	1,451,420	502,609
Cast Iron	65	197	13,463	78,531	194,201	54,678
Stainless Steel	343	4,038	3,970	4,650	3,646	1,639
Other Alloy Steel	52,280	28,090	41,562	70,009	33,624	22,687
Other	7,821	75	15	263	152	106
<i>Value</i>	<b>4,675</b>	<b>6,697</b>	<b>9,926</b>	<b>21,383</b>	<b>19,527</b>	<b>5,924</b>
<b>4. Semi-Finished Products</b>	<b>2,791,793</b>	<b>5,014,269</b>	<b>4,166,099</b>	<b>5,012,311</b>	<b>5,709,947</b>	<b>2,227,766</b>
Billet	1,044,638	1,759,849	1,619,441	2,151,221	1,825,237	763,566
Billet & Slab (>= 0.25 C)	180,475	250,427	313,445	470,573	366,324	206,516
Ingot	255	719	2,009	732	475	234
Slab	1,492,175	2,939,626	2,173,120	2,317,763	3,475,634	1,247,301
Other	74,250	63,649	58,083	72,022	42,277	10,149
<i>Value</i>	<b>22,476</b>	<b>41,979</b>	<b>46,177</b>	<b>79,227</b>	<b>95,353</b>	<b>30,538</b>
<b>5. Long Products</b>	<b>623,088</b>	<b>822,073</b>	<b>843,077</b>	<b>930,379</b>	<b>1,301,349</b>	<b>946,890</b>
Angles, Shapes & Sections	35,110	14,027	20,262	12,991	21,695	9,932
Bars	183,006	239,440	268,056	334,562	400,010	602,882
Cold-drawn Bars	21,048	21,152	39,203	43,618	51,840	26,960
Wire Rods	329,709	473,352	443,191	448,759	715,663	247,446
Wires	54,215	74,101	72,364	90,450	112,141	59,672
<i>Value</i>	<b>16,703</b>	<b>18,528</b>	<b>20,353</b>	<b>27,549</b>	<b>21,695</b>	<b>18,182</b>
<b>6. Hot Rolled Flat Product</b>	<b>2,372,782</b>	<b>2,426,063</b>	<b>2,990,162</b>	<b>2,718,985</b>	<b>2,940,612</b>	<b>1,130,165</b>
Coil	2,176,596	2,281,682	2,565,333	2,466,459	2,597,199	1,022,118
Plate & Sheet	189,975	138,958	418,366	210,669	173,881	83,718
Strip	6,212	5,422	6,463	41,856	169,533	24,329
<i>Value</i>	<b>32,991</b>	<b>34,386</b>	<b>45,038</b>	<b>60,749</b>	<b>84,206</b>	<b>30,720</b>

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>7. Cold Rolled Flat Product</b>	<b>716,117</b>	<b>586,447</b>	<b>666,749</b>	<b>738,613</b>	<b>857,447</b>	<b>378,730</b>
Coil	448,546	323,506	463,986	521,280	551,868	259,128
Plate & Sheet	233,397	224,822	165,722	168,302	233,430	88,410
Strip	34,174	38,119	37,041	49,032	72,149	31,191
<b>Value</b>	<b>18,056</b>	<b>15,216</b>	<b>18,828</b>	<b>24,553</b>	<b>34,134</b>	<b>14,736</b>
<b>8. Coated Products</b>	<b>556,119</b>	<b>885,420</b>	<b>895,727</b>	<b>1,086,426</b>	<b>1,459,211</b>	<b>680,866</b>
Chromium Plate	14,385	39,916	30,752	33,492	30,832	16,829
Electro Galvanized	129,088	145,435	131,125	131,444	151,667	68,198
Hot dip Galvanized	302,374	360,630	462,214	555,110	865,591	391,876
Tinplate	62,592	111,640	84,085	99,193	75,319	52,935
Other	47,679	23,887	55,054	132,604	201,851	73,580
Zincalume/ Color Coated	-	203,911	132,497	134,583	133,951	77,448
<b>Value</b>	<b>14,163</b>	<b>18,025</b>	<b>21,529</b>	<b>31,689</b>	<b>51,360</b>	<b>23,150</b>
<b>9. Pipes &amp; Fittings</b>	<b>146,034</b>	<b>162,497</b>	<b>232,664</b>	<b>329,144</b>	<b>500,451</b>	<b>662,887</b>
Fittings	10,365	12,376	15,444	17,132	22,187	13,228
Seam Pipes	62,376	50,478	55,786	104,856	114,549	55,705
Seamless Pipes	73,293	99,644	161,434	207,157 <sup>E</sup>	363,715	593,954
<b>Value</b>	<b>7,921</b>	<b>7,976</b>	<b>11,305</b>	<b>18,301</b>	<b>29,663</b>	<b>23,938</b>
<b>10. Sheet Piling</b>	<b>1,339</b>	<b>2,104</b>	<b>1,191</b>	<b>714</b>	<b>150</b>	<b>42</b>
Stainless Steel	0	-	0	-	0	2
Other Alloy Steel	-	-	0	-	-	-
Other	1,339	2,104	1,191	714	149	41
<b>Value</b>	<b>28</b>	<b>29</b>	<b>19</b>	<b>14</b>	<b>6</b>	<b>5</b>
<b>11. Rails and Accessories</b>	<b>29,387</b>	<b>37,248</b>	<b>24,679</b>	<b>10,909</b>	<b>17,889</b>	<b>1,370</b>
<b>Value</b>	<b>927</b>	<b>751</b>	<b>434</b>	<b>266</b>	<b>712</b>	<b>71</b>
<b>Finished Steel Products Total<sup>1/</sup></b>	<b>4,444,866</b>	<b>4,921,853</b>	<b>5,654,248</b>	<b>5,815,170</b>	<b>7,077,109</b>	<b>3,800,950</b>
<b>Finished Steel Products Value<sup>1/</sup></b>	<b>90,789</b>	<b>94,912</b>	<b>117,505</b>	<b>163,121</b>	<b>221,775</b>	<b>110,801</b>
<b>Total Quantity</b>	<b>8,094,834</b>	<b>11,172,101</b>	<b>11,541,842</b>	<b>13,679,807</b>	<b>15,517,712</b>	<b>6,988,806</b>
<b>Total Value</b>	<b>120,158</b>	<b>146,501</b>	<b>178,659</b>	<b>275,429</b>	<b>351,586</b>	<b>152,917</b>

1/ : Excludes item 1 - 4

P : Preliminary

E : Estimates (Source of Customs Department : Quantity of Seamless Pipes from Japan and Malaysia under code 7304100001 is 350,145 and 51,199 tonnes respectively)

**Table 7 Lead Import Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Scrap</b>	142	41	45	29	3	0
<i>Value</i>	3	0	1	3	2	0
<b>2. Unwrought</b>	57,466	68,797	84,598	81,244	74,918	41,617
Lead	41,513	59,918	76,951	75,086	66,554	37,820
Lead alloys	15,953	8,879	7,647	6,159	8,364	3,798
<i>Value</i>	1,306	1,465	1,892	3,194	3,275	2,037
<b>3. Powders &amp; Flakes</b>	6	3	0	7	94	2
<i>Value</i>	3	1	0	7	5	0
<b>4. Bars, Rods, Profiles &amp; Wire</b>	590	634	408	483	364	156
<i>Value</i>	137	133	83	167	160	93
<b>5. Plates, Sheets, Strip &amp; Foil</b>	137	110	69	114	92	41
<i>Value</i>	28	23	13	25	18	9
<b>6. Tubes, Pipes &amp; Fittings</b>	1	5	12	6	0	1
<i>Value</i>	0	1	1	1	0	0
<b>Total Quantity</b>	58,341	69,590	85,132	81,884	75,471	41,817
<b>Total Value</b>	1,477	1,623	1,990	3,398	3,460	2,139

P : Preliminary



**Table 8 Nickel Import Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Matte &amp; Sinters</b>	-	0	1	0	8,717	1,556
<i>Value</i>	-	0	0	0	206	145
<b>2. Scrap</b>	39	11	60	64	89	41
<i>Value</i>	11	4	21	39	47	27
<b>3. Unwrought</b>	1,411	1,721	1,903	2,478	2,822	1,371
Nickel	1,359	1,693	1,861	2,425	2,756	1,349
Nickel alloys	52	28	41	53	66	23
<i>Value</i>	459	519	718	1,437	1,743	846
<b>4. Powders &amp; Flakes</b>	64	87	79	125	154	124
<i>Value</i>	51	56	56	101	107	62
<b>5. Bars, Rods &amp; Profiles</b>	126	8	9	22	22	17
<i>Value</i>	19	10	12	22	28	26
<b>6. Wire</b>	236	156	259	162	216	112
<i>Value</i>	111	74	121	101	155	78
<b>7. Plates, Sheets &amp; Strip</b>	45	284	113	101	133	140
<i>Value</i>	27	35	29	49	116	104
<b>8. Foil</b>	8	1	1	0	1	0
<i>Value</i>	3	9	2	1	3	2
<b>9. Tubes, Pipes &amp; Fittings</b>	14	9	21	62	73	59
<i>Value</i>	58	11	32	33	62	30
<b>Total Quantity</b>	1,943	2,278	2,445	3,013	12,227	3,420
<b>Total Value</b>	739	718	991	1,782	2,466	1,320

P : Preliminary

**Table 9 Tin Import Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Scrap</b>	-	-	-	10	-	-
<i>Value</i>	-	-	-	1	-	-
<b>2. Unwrought</b>	199	544	1,933	9,950	17,377	13,393
Tin	20	182	1,414	9,684	17,142	13,183
Tin alloys	179	362	518	266	235	209
<i>Value</i>	41	125	444	3,393	5,139	4,210
<b>3. Powders &amp; Flakes</b>	5	3	6	2	6	3
<i>Value</i>	2	1	2	1	3	1
<b>4. Bars, Rods, &amp; Profiles</b>	-	91	130	215	219	71
<i>Value</i>	-	14	63	144	161	50
<b>5. Wire</b>	147	206	147	132	125	65
<i>Value</i>	13	22	18	12	18	6
<b>6. Plates, Sheets &amp; Strip (t&gt;0.2mm)</b>	188	26	8	17	194	183
<i>Value</i>	9	4	4	11	28	18
<b>7. Foil</b>	71	6	1	1	10	6
<i>Value</i>	4	1	1	0	1	1
<b>8. Tubes, Pipes &amp; Fittings</b>	-	-	-	-	-	-
<i>Value</i>	-	-	-	-	-	-
<b>9. Other</b>	19	7	15	37	32	23
<i>Value</i>	9	8	16	40	33	19
<b>Total Quantity</b>	629	885	2,240	10,365	17,962	13,743
<b>Total Value</b>	78	175	550	3,603	5,383	4,306

P : Preliminary

**Table 10 Zinc Import Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Scrap</b>	4	-	-	58	65	197
<i>Value</i>	0	-	-	1	3	12
<b>2. Unwrought</b>	24,049	35,980	34,029	42,702	33,053	19,526
Zinc	15,698	24,477	20,944	31,577	23,407	14,311
Zinc alloys	8,351	11,503	13,085	11,125	9,646	5,215
<i>Value</i>	1,131	1,285	1,220	2,004	1,895	2,022
<b>3. Dust, Powders &amp; Flakes</b>	894	949	1,566	1,678	2,197	1,029
<i>Value</i>	67	61	91	112	164	117
<b>4. Bars, Rods, &amp; Profiles</b>	132	232	170	221	34	19
<i>Value</i>	9	15	18	76	13	3
<b>5. Wire</b>	510	579	741	854	810	390
<i>Value</i>	43	41	54	67	69	44
<b>6. Plates, Sheets &amp; Strip</b>	54	120	130	666	1,283	419
<i>Value</i>	8	18	17	58	58	13
<b>7. Foil</b>	-	3	0	3	120	-
<i>Value</i>	-	1	0	2	4	-
<b>8. Tubes, Pipes &amp; Fittings</b>	11	3	12	7	3	18
<i>Value</i>	1	1	1	2	2	3
<b>Total Quantity</b>	25,654	37,867	36,648	46,189	37,566	21,597
<b>Total Value</b>	1,259	1,422	1,401	2,321	2,207	2,214

P : Preliminary

**Table 11 Precious Metals Import Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Silver</b>	<b>1,015</b>	<b>926</b>	<b>1,752</b>	<b>2,060</b>	<b>2,384</b>	<b>857</b>
Metal product	852	896	1,520	1,960 <sup>E</sup>	1,817	808
Jewellery	164	30	232	100	568	49
<b>Value</b>	<b>4,800</b>	<b>5,069</b>	<b>8,717</b>	<b>12,937</b>	<b>14,118</b>	<b>8,007</b>
<b>2. Gold</b>	<b>297</b>	<b>147</b>	<b>158</b>	<b>156</b>	<b>154</b>	<b>73</b>
Metal product	283	137	145	142	144	66
Jewellery	14	11	12	14	10	7
<b>Value</b>	<b>40,000</b>	<b>38,120</b>	<b>34,320</b>	<b>51,320</b>	<b>84,978</b>	<b>37,464</b>
<b>3. Platinum - Group<sup>1/</sup></b>	<b>20</b>	<b>5</b>	<b>8</b>	<b>25</b>	<b>44</b>	<b>38</b>
Metal product	7	1	1	1	1	3
Jewellery	13	3	7	16	36	35
Others <sup>2/</sup>	0	1	0	9	7	1
<b>Value</b>	<b>1,146</b>	<b>900</b>	<b>1,043</b>	<b>1,200</b>	<b>1,393</b>	<b>716</b>
<b>Total Quantity</b>	<b>1,332</b>	<b>1,078</b>	<b>1,918</b>	<b>2,242</b>	<b>2,583</b>	<b>969</b>
<b>Total Value</b>	<b>45,946</b>	<b>44,089</b>	<b>44,080</b>	<b>65,457</b>	<b>100,489</b>	<b>46,187</b>

1/ : Includes Palladium, Rhodium, Iridium, Osmium and Ruthenium

2/ : Catalyst, Reports, Dishes and Laboratory Product etc.

P : Preliminary

E : Estimates (Source of Customs Department : Quantity of Silver metal product is 10,613 tonnes)

**Table 12 Others Import Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Antimony</b>	443	370	501	755	318	302
Value	20	20	49	86	44	58
<b>2. Beryllium</b>	0	6	1	1	2	1
Value	1	3	1	2	2	1
<b>3. Bismuth</b>	11	14	13	18	14	12
Value	6	6	7	10	23	17
<b>4. Cadmium</b>	0	0	0	0	0	0
Value	0	0	1	0	0	0
<b>5. Chromium</b>	19	21	23	31	31	20
Value	12	23	16	28	47	28
<b>6. Cobalt</b>	100	83	118	123	175	123
Value	121	68	111	232	292	174
<b>7. Germanium</b>	-	0	0	0	0	0
Value	-	0	1	1	6	6
<b>8. Magnesium</b>	521	786	941	1,354	1,351	984
Unwrought	431	638	696	938	790	593
Scrap	42	118	169	372	526	376
Other	49	30	76	44	35	16
Value	46	65	78	126	116	77
<b>9. Manganese</b>	190	185	216	234	679	1,054
Value	18	13	16	17	53	59
<b>10. Molybdenum</b>	17	14	40	48	51	26
Powders	3	2	2	2	12	1
Wire	6	5	5	9	4	3
Other	8	7	33	37	35	22
Value	64	69	184	159	236	97
<b>11. Tantalum</b>	23	27	41	83	68	42
Value	674	634	826	1,229	1,177	682
<b>12. Titanium</b>	129	190	110	104	237	118
Value	688	301	182	371	602	367
<b>13. Tungsten</b>	80	97	120	148	198	103
Powders	33	41	50	63	93	38
Wire	22	25	23	28	39	14
Other	26	32	47	57	66	51
Value	166	195	280	382	552	769

<b>ITEM</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005<sup>P</sup></b>	<b>2006<sup>P</sup></b> <b>(Jan-Jun)</b>
<b>14. Vanadium</b>	0	0	0	0	0	0
<i>Value</i>	0	0	0	0	0	0
<b>15. Zirconium</b>	100	169	89	143	249	98
<i>Value</i>	8	15	10	12	24	11
<b>16. Other</b>	5	5	0	0	20	20
<i>Value</i>	7	6	2	2	10	2
<b>Total Quantity</b>	<b>1,638</b>	<b>1,967</b>	<b>2,214</b>	<b>3,043</b>	<b>3,392</b>	<b>2,903</b>
<b>Total Value</b>	<b>1,831</b>	<b>1,417</b>	<b>1,764</b>	<b>2,657</b>	<b>3,183</b>	<b>2,347</b>

P : Preliminary

***EXPORT***

**Table 13 Aluminium Export Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Scrap</b>	<b>13,389</b>	<b>15,321</b>	<b>17,489</b>	<b>20,623</b>	<b>21,298</b>	<b>12,913</b>
Value	658	708	735	944	1,103	911
<b>2. Unwrought</b>	<b>5,139</b>	<b>9,535</b>	<b>6,905</b>	<b>12,312</b>	<b>13,295</b>	<b>4,846</b>
Aluminium	168	140	657	1,339	172	172
Aluminium alloys	4,971	9,395	6,249	10,974	13,123	4,674
Value	333	586	452	902	1,111	469
<b>3. Powders &amp; Flakes</b>	<b>4</b>	<b>12</b>	<b>143</b>	<b>161</b>	<b>8</b>	<b>160</b>
Value	1	2	10	12	1	33
<b>4. Bars, Rods &amp; Profiles</b>	<b>13,124</b>	<b>13,949</b>	<b>17,052</b>	<b>22,489</b>	<b>20,587</b>	<b>11,405</b>
Aluminium	5,026	4,309	10,558	14,301	15,447	9,108
Aluminium alloys	8,098	9,640	6,494	8,188	5,140	2,298
Value	1,085	1,020	1,224	1,746	1,829	1,200
<b>5. Wire</b>	<b>494</b>	<b>167</b>	<b>149</b>	<b>347</b>	<b>47</b>	<b>10</b>
Aluminium	357	121	108	272	0	0
Aluminium alloys	138	46	41	75	47	10
Value	53	11	11	14	8	1
<b>6. Plates, Sheets &amp; Strip (t&gt;0.2mm)</b>	<b>4,642</b>	<b>3,871</b>	<b>7,610</b>	<b>9,927</b>	<b>11,714</b>	<b>6,597</b>
Aluminium	3,723	3,542	6,686	6,736	8,046	4,846
Aluminium alloys	919	329	925	3,191	3,668	1,751
Value	551	372	664	1,023	1,173	745
<b>7. Foil (t&lt;=0.2mm)</b>	<b>1,354</b>	<b>2,321</b>	<b>2,322</b>	<b>3,524</b>	<b>2,292</b>	<b>776</b>
Not backed	1,041	2,022	1,924	2,611	511	168
Backed	313	299	398	913	1,781	607
Value	282	341	346	544	348	141
<b>8. Tubes, Pipes &amp; Fittings</b>	<b>1,190</b>	<b>1,764</b>	<b>2,325</b>	<b>2,808</b>	<b>3,406</b>	<b>2,028</b>
Tubes & Pipes	1,030	1,495	1,883	2,352	2,762	1,679
Fittings	159	269	442	456	644	350
Value	327	458	530	666	943	588
<b>Total Quantity</b>	<b>39,336</b>	<b>46,941</b>	<b>53,996</b>	<b>72,190</b>	<b>72,648</b>	<b>38,736</b>
<b>Total Value</b>	<b>3,289</b>	<b>3,499</b>	<b>3,973</b>	<b>5,851</b>	<b>6,515</b>	<b>4,088</b>

P : Preliminary



**Table 14 Copper Export Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Matte &amp; Cement</b>	37	-	-	-	0	0
Value	3	-	-	-	0	0
<b>2. Scrap</b>	26,942	22,449	54,920	51,322	58,257 <sup>E3</sup>	30,383
Value	1,121	1,251	2,181	4,546	7,117	5,823
<b>3. Unwrought</b>	394	181	659	4,596	20,668	21,993
Copper	5	13	18	3,893	19,944	21,233
Copper alloys	389	168	641	703	724	760
Value	29	20	52	564	2,684	2,956
<b>4. Powders &amp; Flakes</b>	35	50	60	94	101	34
Value	9	11	14	20	1,246	10
<b>5. Bars, Rods &amp; Profiles</b>	10,806	9,812	7,886	10,185	9,958	6,193
Copper	10,420	9,099	7,046	8,970	9,561	6,102
Copper alloys	387	712	840	1,216	397	91
Value	1,163	907	751	1,359	1,727	1,442
<b>6. Wire</b>	2,243	571	613	889	5,345	622
Copper	1,797	147	324	560	4,878	232
Copper alloys	446	424	289	329	467	390
Value	273	163	168	168	303	124
<b>7. Plates, Sheets &amp; Strip (t&gt;0.15 mm)</b>	898	1,812	5,127	6,890	6,818	5,790
Copper	380	1,034	1,418	1,975	1,889	1,733
Copper alloys	519	779	3,709 <sup>E1</sup>	4,915 <sup>E2</sup>	4,929	4,056
Value	105	141	474	1,005	1,066	1,239
<b>8. Foil (t&lt;=0.15 mm)</b>	6,944	7,862	6,762	7,390	9,212	4,981
Not backed	1,736	1,443	1,251	1,521	1,884	952
Backed	5,208	6,420	5,511	5,869	7,328	4,029
Value	1,117	983	834	883	1,799	962
<b>9. Tubes, Pipes &amp; Fittings</b>	21,779	25,189	27,596	31,319	23,056	13,468
Tubes & Pipes	18,348	21,420	23,251	25,984	18,699	11,029
Fittings	3,431	3,769	4,346	5,335	4,357	2,439
Value	3,176	3,678	3,865	5,551	4,800	3,660
<b>Total Quantity</b>	<b>70,078</b>	<b>67,927</b>	<b>103,622</b>	<b>112,686</b>	<b>133,416</b>	<b>83,463</b>
<b>Total Value</b>	<b>6,995</b>	<b>7,153</b>	<b>8,341</b>	<b>14,096</b>	<b>20,741</b>	<b>16,214</b>

P : Preliminary

E1 : Estimates (Source of Customs Department : Quantity of Copper Plates, Sheets &amp; Strips is 21,334 tonnes)

E2 : Estimates (Source of Customs Department : Quantity of Copper Plates, Sheets &amp; Strips is 18,916 tonnes)

E3 : Estimates (Source of Customs Department : Quantity of Scrap is 58,257 tonnes)

**Table 15 Iron and Steel Export Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Pig Iron/DRI/HBI</b>	<b>13,562</b>	<b>17,100</b>	<b>19,172</b>	<b>24,006</b>	<b>24,822</b>	<b>43,744</b>
<i>Value</i>	<i>362</i>	<i>373</i>	<i>438</i>	<i>545</i>	<i>525</i>	<i>272</i>
<b>2. Ferro-alloys</b>	<b>121</b>	<b>9</b>	<b>26</b>	<b>21</b>	<b>61</b>	<b>0</b>
Ferro-chromium	-	-	-	-	23	-
Ferro-manganese	1	-	1	10	0	-
Ferro-silico-manganese	-	-	-	-	-	-
Ferro-silicon	121	9	25	11	38	0
Other	0	-	0	-	0	-
<i>Value</i>	<i>2</i>	<i>1</i>	<i>2</i>	<i>1</i>	<i>5</i>	<i>0</i>
<b>3. Scrap</b>	<b>102,465</b>	<b>87,122</b>	<b>117,927</b>	<b>154,321</b>	<b>172,693</b>	<b>95,866</b>
Carbon Steel	56,332	43,870	61,808	87,721	95,802	46,308
Cast Iron	51	131	129	1,554	3,345	2,639
Stainless Steel	35,569	39,784	51,806	57,703	66,168	36,690
Other Alloy Steel	3,470	3,337	4,185	7,343	7,378	10,157
Other	7,043	-	-	-	-	72
<i>Value</i>	<i>1,116</i>	<i>1,414</i>	<i>2,198</i>	<i>3,303</i>	<i>3,972</i>	<i>1,966</i>
<b>4. Semi-Finished Products</b>	<b>9,824</b>	<b>1,007</b>	<b>84,442</b>	<b>72,334</b>	<b>39,654</b>	<b>12,064</b>
Billet	5,478	18	62,541	54,909	39,245	11,913
Billet & Slab (>= 0.25 C)	0	-	18,344	15,898	71	-
Ingot	14	415	48	499	236	112
Slab	41	1	0	-	101	2
Other	4,290	573	3,508	1,028	2	37
<i>Value</i>	<i>91</i>	<i>10</i>	<i>897</i>	<i>993</i>	<i>555</i>	<i>189</i>
<b>5. Long Products</b>	<b>732,827</b>	<b>536,414</b>	<b>568,314</b>	<b>615,732</b>	<b>514,821</b>	<b>299,338</b>
Angles, Shapes & Sections	261,759	250,743	288,344	285,984	257,993	126,563
Bars	261,230	57,773	50,274	54,806	40,194	41,045
Cold-drawn Bars	119,574	131,798	122,918	154,154	91,095	67,377
Wire Rods	13,855	10,788	6,957	9,345	7,588	3,257
Wires	76,409	85,312	99,820	111,442	117,952	61,098
<i>Value</i>	<i>8,403</i>	<i>9,155</i>	<i>10,741</i>	<i>16,348</i>	<i>15,331</i>	<i>7,748</i>
<b>6. Hot Rolled Flat Product</b>	<b>79,826</b>	<b>236,520</b>	<b>275,923</b>	<b>626,613</b>	<b>775,106</b>	<b>253,644</b>
Coil	50,605	216,009	253,549	470,561	460,417	133,806
Plate & Sheet	28,833	20,403	20,619	153,904	313,812	119,347
Strip	388	108	1,756	2,148	877	491
<i>Value</i>	<i>822</i>	<i>3,242</i>	<i>3,941</i>	<i>13,742</i>	<i>15,774</i>	<i>4,760</i>

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>7. Cold Rolled Flat Product</b>	<b>494,486</b>	<b>534,571</b>	<b>641,576</b>	<b>525,762</b>	<b>376,732</b>	<b>156,885</b>
Coil	473,250	428,350	487,786	390,074	276,907	95,835
Plate & Sheet	19,377	105,011	151,864	126,878	95,360	60,466
Strip	1,859	1,211	1,926	8,810	4,464	584
<b>Value</b>	<b>9,793</b>	<b>10,928</b>	<b>15,677</b>	<b>16,527</b>	<b>15,327</b>	<b>5,373</b>
<b>8. Coated Products</b>	<b>122,423</b>	<b>136,062</b>	<b>150,963</b>	<b>141,605</b>	<b>85,694</b>	<b>82,041</b>
Chromium Plate	288	72	49	36	42	63
Electro Galvanized	27,864	46,470	46,336	44,698	17,571	10,609
Hot dip Galvanized	38,714	33,451	52,627	52,153	30,560	32,874
Tinplate	14,071	1,540	1,061	5,668	1,792	2,548
Other	41,485	19,822	10,112	9,799	11,802	14,343
Zincalume/ Color Coated	-	34,707	40,777	29,251	23,927	21,605
<b>Value</b>	<b>2,373</b>	<b>3,047</b>	<b>3,965</b>	<b>4,043</b>	<b>3,968</b>	<b>2,705</b>
<b>9. Pipes &amp; Fittings</b>	<b>284,012</b>	<b>266,659</b>	<b>237,540</b>	<b>287,193</b>	<b>266,299</b>	<b>136,906</b>
Fittings	54,151	56,613	61,034	68,864	64,754	33,339
Seam Pipes	201,940	180,354	142,401	177,245	165,642	90,690
Seamless Pipes	27,921	29,691	34,106	41,085	35,902	12,876
<b>Value</b>	<b>8,732</b>	<b>8,498</b>	<b>9,308</b>	<b>12,852</b>	<b>15,359</b>	<b>7,051</b>
<b>10. Sheet Piling</b>	<b>13,328</b>	<b>14,139</b>	<b>23,749</b>	<b>8,050</b>	<b>22,636</b>	<b>14,276</b>
Stainless Steel	58	0	49	12	48	4
Other Alloy Steel	0	0	0	-	-	-
Other	13,269	14,138	23,701	8,038	22,589	14,272
<b>Value</b>	<b>166</b>	<b>171</b>	<b>360</b>	<b>183</b>	<b>527</b>	<b>313</b>
<b>11. Rails and Accessories</b>	<b>1,715</b>	<b>1,615</b>	<b>1,385</b>	<b>1,171</b>	<b>901</b>	<b>170</b>
<b>Value</b>	<b>50</b>	<b>77</b>	<b>48</b>	<b>54</b>	<b>45</b>	<b>9</b>
<b>Finished Steel Products Total<sup>1/</sup></b>	<b>1,728,617</b>	<b>1,725,980</b>	<b>1,899,450</b>	<b>2,206,125</b>	<b>2,042,189</b>	<b>943,259</b>
<b>Finished Steel Products Value<sup>1/</sup></b>	<b>30,339</b>	<b>35,118</b>	<b>44,041</b>	<b>63,748</b>	<b>66,330</b>	<b>27,959</b>
<b>Total Quantity</b>	<b>1,854,589</b>	<b>1,831,218</b>	<b>2,121,016</b>	<b>2,456,806</b>	<b>2,279,420</b>	<b>1,094,933</b>
<b>Total Value</b>	<b>31,910</b>	<b>36,915</b>	<b>47,575</b>	<b>68,590</b>	<b>71,387</b>	<b>30,386</b>

1/ : Excludes item 1 - 4

P : Preliminary

**Table 16 Lead Export Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Scrap</b>	<b>761</b>	<b>819</b>	<b>687</b>	<b>964</b>	<b>290</b>	<b>136</b>
<i>Value</i>	<i>47</i>	<i>44</i>	<i>60</i>	<i>84</i>	<i>29</i>	<i>19</i>
<b>2. Unwrought</b>	<b>54</b>	<b>1</b>	<b>144</b>	<b>912</b>	<b>766</b>	<b>666</b>
Lead	12 <sup>E</sup>	0	24	9	100	368
Lead alloys	42	1	120	903	666	298
<i>Value</i>	<i>1</i>	<i>1</i>	<i>4</i>	<i>29</i>	<i>15</i>	<i>32</i>
<b>3. Powders &amp; Flakes</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>0</b>	<b>0</b>
<i>Value</i>	<i>0</i>	<i>0</i>	<i>-</i>	<i>1</i>	<i>0</i>	<i>0</i>
<b>4. Bars, Rods, Profiles &amp; Wire</b>	<b>3</b>	<b>10</b>	<b>15</b>	<b>10</b>	<b>3</b>	<b>0</b>
<i>Value</i>	<i>1</i>	<i>1</i>	<i>2</i>	<i>2</i>	<i>1</i>	<i>0</i>
<b>5. Plates, Sheets, Strip &amp; Foil</b>	<b>6</b>	<b>0</b>	<b>8</b>	<b>38</b>	<b>22</b>	<b>28</b>
<i>Value</i>	<i>0</i>	<i>0</i>	<i>1</i>	<i>5</i>	<i>4</i>	<i>2</i>
<b>6. Tubes, Pipes &amp; Fittings</b>	<b>9</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0</b>
<i>Value</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
<b>Total Quantity</b>	<b>834</b>	<b>830</b>	<b>857</b>	<b>1,926</b>	<b>1,082</b>	<b>830</b>
<b>Total Value</b>	<b>51</b>	<b>46</b>	<b>67</b>	<b>121</b>	<b>49</b>	<b>53</b>

P : Preliminary

E : Estimates (Source of Customs Department : Quantity of Lead Unwrought is 5,403 tonnes)

**Table 17 Nickel Export Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Matte &amp; Sinters</b>	-	-	-	-	1	-
<i>Value</i>	-	-	-	-	0	-
<b>2. Scrap</b>	148	138	906	1,137	1,216	476
<i>Value</i>	5	6	82	183	236	88
<b>3. Unwrought</b>	23	0	1	5	7	55
Nickel	23	0	1	5	7	55
Nickel alloys	-	-	-	0	-	-
<i>Value</i>	7	0	0	3	4	31
<b>4. Powders &amp; Flakes</b>	1	-	0	25	46	23
<i>Value</i>	0	-	0	2	5	1
<b>5. Bars, Rods &amp; Profiles</b>	-	-	0	0	8	0
<i>Value</i>	-	-	0	0	3	0
<b>6. Wire</b>	15	0	2	1	2	1
<i>Value</i>	5	0	1	0	1	0
<b>7. Plates, Sheets &amp; Strip</b>	13	6	0	6	2	7
<i>Value</i>	4	6	8	13	3	3
<b>8. Foil</b>	-	-	0	1	0	-
<i>Value</i>	-	-	0	0	0	-
<b>9. Tubes, Pipes &amp; Fittings</b>	1	-	4	3	-	-
<i>Value</i>	0	-	2	1	-	-
<b>Total Quantity</b>	200	144	912	1,178	1,282	561
<b>Total Value</b>	21	13	92	202	253	123

P : Preliminary

**Table 18 Tin Export Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Scrap</b>	168	76	144	207	323	96
<i>Value</i>	2	1	2	4	11	4
<b>2. Unwrought</b>	18,945	12,758	9,837	13,571	24,927	11,431
Tin	18,714	12,661	9,762	13,514	24,855	11,406
Tin alloys	231	97	75	57	72	25
<i>Value</i>	3,649	2,241	1,989	4,681	7,642	3,618
<b>3. Powders &amp; Flakes</b>	-	-	0	30	57	26
<i>Value</i>	-	-	0	11	22	9
<b>4. Bars, Rods, &amp; Profiles</b>	40	263	628	839	1,760	1,703
<i>Value</i>	9	70	176	307	626	548
<b>5. Wire</b>	8	0	2	1	21	40
<i>Value</i>	0	0	1	0	7	14
<b>6. Plates, Sheets &amp; Strip (t&gt;0.2mm)</b>	40	0	-	2	5	19
<i>Value</i>	4	0	-	0	0	1
<b>7. Foil</b>	0	-	-	1	1	0
<i>Value</i>	0	-	-	1	0	0
<b>8. Tubes, Pipes &amp; Fittings</b>	1	0	-	1	-	-
<i>Value</i>	0	0	-	1	-	-
<b>9. Other</b>	553	420	431	444	324	112
<i>Value</i>	240	222	230	246	237	90
<b>Total Quantity</b>	19,755	13,516	11,042	15,097	27,419	13,425
<b>Total Value</b>	3,904	2,536	2,398	5,250	8,545	4,285

P : Preliminary

**Table 19 Zinc Export Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Scrap</b>	510	1,077	1,736	2,088	1,123	1,210
<i>Value</i>	8	26	40	53	29	49
<b>2. Unwrought</b>	66,191	20,334	24,044	17,139	15,628	970
Zinc	60,369	9,170	7,902	2,819	176	119
Zinc alloys	5,823	11,163	16,142	14,321	15,453	852
<i>Value</i>	1,124	756	897	767	864	101
<b>3. Dust, Powders &amp; Flakes</b>	96	748	1,172	1,422	1,544	573
<i>Value</i>	3	14	16	21	27	19
<b>4. Bars, Rods, &amp; Profiles</b>	17	157	17	23	5	2
<i>Value</i>	1	5	1	1	0	0
<b>5. Wire</b>	29	21	129	53	22	14
<i>Value</i>	1	0	3	3	1	0
<b>6. Plates, Sheets &amp; Strip</b>	3,973	6,516	11,277	8,649	12,372	4,211
<i>Value</i>	95	134	274	215	400	134
<b>7. Foil</b>	0	-	0	1	0	84
<i>Value</i>	0	-	0	0	0	2
<b>8. Tubes, Pipes &amp; Fittings</b>	601	422	451	565	419	181
<i>Value</i>	74	49	55	74	72	17
<b>Total Quantity</b>	71,401	29,118	38,809	29,940	31,113	7,244
<b>Total Value</b>	1,305	980	1,284	1,133	1,394	324

P : Preliminary

**Table 20 Precious Metals Export Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Silver</b>	<b>2,427</b>	<b>1,973</b>	<b>2,227</b>	<b>1,745</b>	<b>1,444</b>	<b>791</b>
Metal product	2,418	1,909	201	209	85	79
Jewellery	9	64	2,027	1,536	1,359	711
<b>Value</b>	<b>12,287</b>	<b>13,904</b>	<b>17,502</b>	<b>20,432</b>	<b>21,061</b>	<b>10,380</b>
<b>2. Gold</b>	<b>259</b>	<b>128</b>	<b>173</b>	<b>101</b>	<b>155</b>	<b>103</b>
Metal product	5	42 <sup>E</sup>	49	23	32	38
Jewellery	254	86	124	78	123	65
<b>Value</b>	<b>31,143</b>	<b>38,771</b>	<b>46,161</b>	<b>37,909</b>	<b>54,679</b>	<b>33,197</b>
<b>3. Platinum - Group<sup>1/</sup></b>	<b>15</b>	<b>6</b>	<b>17</b>	<b>9</b>	<b>16</b>	<b>17</b>
Metal product	0	0	0	1	2	2
Jewellery	14	6	17	8	14	15
Others <sup>2/</sup>	0	-	0	1	0	-
<b>Value</b>	<b>1,566</b>	<b>542</b>	<b>664</b>	<b>657</b>	<b>1,816</b>	<b>764</b>
<b>Total Quantity</b>	<b>2,701</b>	<b>2,107</b>	<b>2,417</b>	<b>1,855</b>	<b>1,614</b>	<b>910</b>
<b>Total Value</b>	<b>44,996</b>	<b>53,218</b>	<b>64,327</b>	<b>58,998</b>	<b>77,556</b>	<b>44,341</b>

1/ : Includes Palladium, Rhodium, Iridium, Osmium and Ruthenium

2/ : Catalyst, Reports, Dishes and Laboratory Product etc.

E : Estimates (Source of Customs Department : Quantity of Gold Metal Products is 1,874 tonnes)

P : Preliminary



**Table 21 Others Export Statistics 2001 - 2006 (Jan-Jun)**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	2006 <sup>P</sup> (Jan-Jun)
<b>1. Antimony</b>	130	123	370	-	171	117
Value	6	12	34	-	22	23
<b>2. Beryllium</b>	-	-	-	0	-	-
Value	-	-	-	0	-	-
<b>3. Bismuth</b>	-	-	-	0	-	-
Value	-	-	-	1	-	-
<b>4. Cadmium</b>	-	2	1	-	7	0
Value	-	0	0	-	1	0
<b>5. Chromium</b>	-	-	0	0	0	0
Value	-	-	0	0	0	0
<b>6. Cobalt</b>	0	0	0	-	20	0
Value	0	1	0	-	2	0
<b>7. Germanium</b>	-	-	-	0	-	-
Value	-	-	-	0	-	-
<b>8. Magnesium</b>	35	3	30	11	14	-
Unwrought	-	-	30	11	13	-
Scrap	20	-	-	0	-	-
Other	15	3	0	-	0	-
Value	3	0	2	1	0	-
<b>9. Manganese</b>	-	-	-	2,900	-	0
Value	-	-	-	8	-	0
<b>10. Molybdenum</b>	0	0	0	1	5	0
Powders	-	0	-	-	1	-
Wire	-	-	-	-	-	-
Other	0	-	0	1	4	-
Value	0	0	1	2	8	0
<b>11. Tantalum</b>	81	265	108	226	102	91
Value	1,550	1,976	1,288	2,233	826	774
<b>12. Titanium</b>	3	8	4	2	23	18
Value	9	24	16	10	35	16
<b>13. Tungsten</b>	6	16	21	30	60	115
Powders	1	11	6	3	0	4
Wire	0	0	0	1	1	4
Other	4	4	16	26	59	108
Value	4	13	26	61	60	67

<b>ITEM</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005<sup>P</sup></b>	<b>2006<sup>P</sup></b> <b>(Jan-Jun)</b>
<b>14. Vanadium</b>	-	-	-	-	-	-
<i>Value</i>	-	-	-	-	-	-
<b>15. Zirconium</b>	1	-	-	-	0	0
<i>Value</i>	0	-	-	-	0	0
<b>16. Other</b>	-	3	-	0	-	-
<i>Value</i>	-	2	-	0	-	-
<b>Total Quantity</b>	<b>255</b>	<b>420</b>	<b>535</b>	<b>3,170</b>	<b>401</b>	<b>342</b>
<b>Total Value</b>	<b>1,573</b>	<b>2,028</b>	<b>1,366</b>	<b>2,316</b>	<b>954</b>	<b>881</b>

P : Preliminary

***DOMESTIC PRICE***

**Table 22 Metals Domestic Price Statistics 2006 (Jan-Jul)**

Unit : Baht/Kg.

ITEM	Jan	Feb	Mar	Apr	May	Jun	Avg
<b>1. Aluminium</b>	90	110	110	125	130	109	<b>112</b>
<b>2. Antimony</b>	170	165	180	230	230	209	<b>197</b>
<b>3. Brass</b>	130	130	140	150	160	138	<b>141</b>
<b>4. Copper</b>	190	220	220	260	230	296	<b>236</b>
<b>5. Gold<sup>1/</sup></b>	675	682	677	722	800	718	<b>712</b>
<b>6. Lead</b>	53	55	54	53	52	51	<b>53</b>
<b>7. Nickel</b>	700	700	650	750	870	833	<b>751</b>
<b>8. Tin</b>	320	330	350	380	385	325	<b>348</b>
<b>9. Zinc</b>	93	105	95	136	160	137	<b>121</b>

Gold Bullion : Weight 1 Baht = 15.244 g

1/ : Unit in Baht/g. Source : Bank of Thailand

Source : Local Market Trader

**Table 23 Iron and Steel Domestic Price Statistics 2006 (Jan-Jul)**

Unit : Baht/Kg.

ITEM	Jan	Feb	Mar	Apr	May	Jun	Avg
<b>1. Scrap<sup>1/</sup></b>	9.06	9.00	9.03	10.01	9.98	10.00	<b>9.51</b>
<b>2. Round Bars</b>							
SR.24 ∅ 6 mm.	18.46	18.50	19.66	20.54	20.98	21.14	<b>19.88</b>
<b>3. Round Bars</b>							
SR.24 ∅ 12 mm.	17.00	17.08	18.32	19.20	19.64	19.82	<b>18.51</b>
<b>4. Deformed Bars</b>							
SD.30 ∅ 12	16.94	17.60	18.28	19.12	19.58	19.68	<b>18.53</b>
<b>5. Deformed Bars</b>							
SD.40 ∅ 12	17.14	17.26	18.44	19.32	19.78	19.94	<b>18.65</b>
<b>6. Angle ( Size 40x40x4 mm.)</b>	19.57	19.66	21.02	21.50	21.76	21.67	<b>20.86</b>
<b>7. Channel ( Size 75x40 mm</b>	19.67	19.76	21.39	21.51	21.81	22.17	<b>21.05</b>
<b>8. Wires ( No. 18 )</b>	24.20	23.88	25.63	25.38	26.25	26.70	<b>25.34</b>
<b>9. P.C. WIRE</b>	38.83	37.00	37.17	37.17	37.83	37.50	<b>37.58</b>
<b>10. P.C. STRAND</b>	39.50	37.67	37.83	37.83	38.50	38.33	<b>38.28</b>
<b>11. HR coil</b>	18.60	17.38	18.96	21.60	21.74	21.74	<b>20.00</b>

Source: 1/ Entrepreneur

: Bureau of Trade and Economic Indicies

# ***APPENDIX I***

## ***METALS WORLD PRICE STATISTICS***

**Table I-1 Aluminium World Price Statistics 1993 - 2006 (Jan-Jul)**

Unit : US\$/Metric Ton

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1993</b>	1,207	1,202	1,152	1,109	1,124	1,163	1,203	1,172	1,116	1,087	1,040	1,095	<b>1,139</b>
<b>1994</b>	1,175	1,270	1,289	1,279	1,323	1,401	1,493	1,460	1,570	1,698	1,893	1,879	<b>1,478</b>
<b>1995</b>	2,061	1,901	1,806	1,849	1,763	1,780	1,860	1,889	1,761	1,675	1,655	1,657	<b>1,805</b>
<b>1996</b>	1,589	1,592	1,612	1,587	1,589	1,482	1,459	1,463	1,407	1,336	1,449	1,500	<b>1,505</b>
<b>1997</b>	1,575	1,580	1,631	1,561	1,625	1,568	1,592	1,711	1,611	1,608	1,599	1,531	<b>1,599</b>
<b>1998</b>	1,486	1,466	1,438	1,419	1,365	1,308	1,310	1,311	1,342	1,304	1,295	1,249	<b>1,358</b>
<b>1999</b>	1,219	1,187	1,182	1,279	1,324	1,316	1,404	1,432	1,493	1,475	1,473	1,155	<b>1,328</b>
<b>2000</b>	1,681	1,671	1,577	1,458	1,467	1,507	1,564	1,528	1,602	1,501	1,474	1,566	<b>1,550</b>
<b>2001</b>	1,616	1,605	1,510	1,497	1,539	1,467	1,417	1,377	1,345	1,283	1,328	1,345	<b>1,444</b>
<b>2002</b>	1,369	1,369	1,405	1,370	1,343	1,354	1,338	1,292	1,301	1,311	1,372	1,375	<b>1,350</b>
<b>2003</b>	1,378	1,422	1,389	1,332	1,398	1,410	1,436	1,456	1,416	1,474	1,508	1,555	<b>1,431</b>
<b>2004</b>	1,606	1,686	1,656	1,730	1,623	1,678	1,709	1,692	1,724	1,820	1,814	1,849	<b>1,716</b>
<b>2005</b>	1,834	1,882	1,982	1,894	1,743	1,731	1,778	1,867	1,840	1,928	2,050	2,247	<b>1,898</b>
<b>2006</b>	2,377	2,455	2,429	2,621	2,861	2,477							<b>2,537</b>

Source : London Metal Exchange (LME)

**Table I-2 Antimony World Price Statistics 1993 - 2006 (Jan-Jul)**

Unit : US\$/Metric Ton

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1993</b>	1,710	1,709	1,688	1,700	1,666	1,619	1,595	1,609	1,613	1,618	1,643	1,654	<b>1,652</b>
<b>1994</b>	1,694	1,729	1,837	2,056	2,663	3,461	4,756	5,231	5,622	5,914	6,005	5,722	<b>3,891</b>
<b>1995</b>	5,206	5,113	4,769	3,979	3,094	3,039	4,322	4,971	4,807	3,817	3,572	3,386	<b>4,173</b>
<b>1996</b>	3,339	3,531	3,648	3,522	3,088	3,006	2,843	2,806	2,611	2,178	2,048	2,167	<b>2,899</b>
<b>1997</b>	2,345	2,412	2,237	2,390	2,253	2,149	2,039	1,966	1,943	1,910	1,773	1,621	<b>2,087</b>
<b>1998</b>	1,715	1,661	1,611	1,573	1,527	1,450	1,352	1,274	1,356	1,381	1,421	1,262	<b>1,465</b>
<b>1999</b>	1,550	1,550	1,538	1,483	1,425	1,425	1,375	1,375	1,325	1,325	1,275	1,300	<b>1,412</b>
<b>2000</b>	1,225	1,195	1,144	1,080	1,107	1,247	1,511	1,724	1,804	1,698	1,657	1,543	<b>1,411</b>
<b>2001</b>	1,500	1,460	1,445	1,404	1,294	1,177	1,105	1,050	1,408	1,462	1,450	1,295	<b>1,338</b>
<b>2002</b>	1,500	1,450	1,450	1,450	1,450	1,450	1,640	1,990	2,305	3,275	3,275	2,645	<b>1,990</b>
<b>2003</b>	2,608	2,431	2,538	2,591	2,589	2,413	2,350	2,350	2,350	2,260	2,113	2,215	<b>2,401</b>
<b>2004</b>	2,511	2,678	2,933	2,891	2,800	2,706	2,583	3,031	3,033	3,022	3,050	2,888	<b>2,844</b>
<b>2005</b>	2,988	3,144	3,150	3,089	3,156	3,828	3,528	3,667	3,847	3,850	3,850	3,850	<b>3,496</b>
<b>2006</b>	3,890	4,200	4,983	5,682	5,523	4,886							<b>4,861</b>

Source : MB Free Market

**Table I-3 Cadmium (99.99%) World Price Statistics 1993 - 2006 (Jan-Jul)**

Unit : US\$/Pound

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1993</b>	0.65	0.65	0.61	0.55	0.55	0.58	0.58	0.58	0.53	0.53	0.52	0.50	<b>0.57</b>
<b>1994</b>	0.56	0.76	0.72	0.82	0.88	0.82	0.90	1.51	1.79	2.21	2.00	1.88	<b>1.24</b>
<b>1995</b>	1.77	1.69	1.60	1.50	1.41	1.49	2.11	2.28	2.22	2.22	2.30	2.19	<b>1.90</b>
<b>1996</b>	2.08	1.94	1.71	1.60	1.27	1.11	1.23	1.21	1.19	0.96	0.81	0.81	<b>1.33</b>
<b>1997</b>	0.84	0.82	0.78	0.67	0.67	0.63	0.65	0.62	0.56	0.51	0.50	0.44	<b>0.64</b>
<b>1998</b>	0.40	0.44	0.32	0.40	0.67	0.35	0.33	0.31	0.24	0.21	0.22	0.24	<b>0.34</b>
<b>1999</b>	0.24	0.27	0.28	0.27	0.25	0.20	0.20	0.20	0.20	0.20	0.20	0.20	<b>0.23</b>
<b>2000</b>	0.21	0.21	0.21	0.21	0.20	0.23	0.21	0.20	0.20	0.20	0.20	0.20	<b>0.21</b>
<b>2001</b>	0.20	0.20	0.24	0.36	0.50	0.46	0.45	0.57	0.60	0.60	0.55	0.40	<b>0.43</b>
<b>2002</b>	0.40	0.40	0.39	0.33	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	<b>0.38</b>
<b>2003</b>	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.69	0.65	0.65	<b>0.75</b>
<b>2004</b>	0.62	0.60	0.60	0.60	0.61	0.65	0.67	0.73	0.75	0.75	0.75	0.75	<b>0.67</b>
<b>2005</b>	0.78	0.89	0.92	0.95	1.06	1.59	2.15	2.23	2.10	2.03	2.03	2.01	<b>1.56</b>
<b>2006</b>	1.71	1.43	1.15	1.29	1.66	1.81							<b>1.51</b>

Source : MB Free Market

**Table I-4 Copper World Price Statistics 1993 - 2006 (Jan-Jul)**

Unit : US\$/Metric Ton

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1993</b>	2,259	2,212	2,154	1,952	1,795	1,853	1,927	1,947	1,862	1,651	1,630	1,724	<b>1,914</b>
<b>1994</b>	1,805	1,866	1,915	1,882	2,151	2,364	2,458	2,406	2,506	2,548	2,802	2,985	<b>2,307</b>
<b>1995</b>	3,009	2,878	2,924	2,904	2,773	2,995	3,076	3,037	2,916	2,813	2,977	2,926	<b>2,936</b>
<b>1996</b>	2,615	2,637	2,560	2,595	2,657	2,170	1,984	2,008	1,941	1,961	2,230	2,267	<b>2,302</b>
<b>1997</b>	2,434	2,404	2,421	2,390	2,514	2,613	2,450	2,251	2,107	2,052	1,917	1,762	<b>2,276</b>
<b>1998</b>	1,688	1,665	1,748	1,801	1,733	1,660	1,651	1,621	1,648	1,586	1,574	1,474	<b>1,654</b>
<b>1999</b>	1,431	1,411	1,378	1,466	1,511	1,422	1,640	1,648	1,750	1,724	1,727	1,765	<b>1,573</b>
<b>2000</b>	1,844	1,801	1,739	1,679	1,786	1,753	1,799	1,788	1,960	1,899	1,795	1,851	<b>1,808</b>
<b>2001</b>	1,788	1,766	1,739	1,664	1,682	1,608	1,525	1,464	1,426	1,377	1,428	1,471	<b>1,578</b>
<b>2002</b>	1,504	1,562	1,605	1,590	1,595	1,647	1,589	1,479	1,478	1,483	1,582	1,595	<b>1,559</b>
<b>2003</b>	1,647	1,683	1,659	1,587	1,648	1,686	1,710	1,760	1,789	1,920	2,055	2,201	<b>1,779</b>
<b>2004</b>	2,423	2,759	3,008	2,947	2,733	2,686	2,807	2,845	2,894	3,011	3,122	3,145	<b>2,865</b>
<b>2005</b>	3,169	3,253	3,379	3,394	3,248	3,523	3,614	3,797	3,857	4,059	4,269	4,576	<b>3,678</b>
<b>2006</b>	4,734	4,982	5,102	6,386	8,044	7,196							<b>6,074</b>

Source : London Metal Exchange (LME)

**Table I-5 Gold World Price Statistics 1993 - 2006 (Jan-Jul)**

Unit : US\$/Troy Oz.

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1993</b>	329	329	330	342	367	372	392	380	356	364	374	383	<b>360</b>
<b>1994</b>	387	382	384	378	381	386	385	380	391	390	384	379	<b>384</b>
<b>1995</b>	379	377	382	391	385	388	386	383	383	383	385	387	<b>384</b>
<b>1996</b>	399	405	397	393	392	385	383	388	383	381	378	369	<b>388</b>
<b>1997</b>	355	347	352	344	344	341	324	324	323	325	307	289	<b>331</b>
<b>1998</b>	289	297	296	308	299	292	293	284	289	297	294	290	<b>294</b>
<b>1999</b>	287	287	286	282	277	261	256	257	267	311	293	283	<b>279</b>
<b>2000</b>	284	300	286	280	275	286	282	274	274	270	266	272	<b>279</b>
<b>2001</b>	266	262	263	261	272	270	268	273	285	283	277	276	<b>271</b>
<b>2002*</b>	282	296	294	303	315	321	313	310	319	317	319	343	<b>311</b>
<b>2003</b>	357	360	341	328	355	356	351	360	379	379	389	407	<b>364</b>
<b>2004</b>	414	405	407	404	384	393	380	401	405	420	438	442	<b>408</b>
<b>2005</b>	424	423	434	429	423	431	424	438	457	470	475	510	<b>445</b>
<b>2006</b>	549	555	557	610	674	596							<b>590</b>

Source : London Metal Exchange (LME)

: \*World Gold Council

**Table I-6 Lead World Price Statistics 1993 - 2006 (Jan-Jul)**

Unit : US\$/Metric Ton

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1993</b>	437	414	406	421	407	395	388	388	376	384	400	461	<b>406</b>
<b>1994</b>	490	485	451	440	474	525	580	571	614	642	667	634	<b>548</b>
<b>1995</b>	667	580	586	609	596	612	622	624	593	637	714	732	<b>631</b>
<b>1996</b>	709	769	817	815	840	796	783	815	796	741	716	688	<b>774</b>
<b>1997</b>	692	670	694	642	618	615	634	608	634	600	563	526	<b>625</b>
<b>1998</b>	532	517	560	573	543	528	546	537	520	493	494	501	<b>529</b>
<b>1999</b>	492	514	508	519	541	496	496	503	507	497	478	479	<b>503</b>
<b>2000</b>	472	452	441	421	412	419	452	473	487	486	468	462	<b>454</b>
<b>2001</b>	478	502	498	477	467	444	462	483	465	468	486	483	<b>476</b>
<b>2002</b>	513	480	480	472	452	440	446	423	421	418	442	443	<b>452</b>
<b>2003</b>	444	475	456	437	463	468	514	496	521	587	622	692	<b>515</b>
<b>2004</b>	758	888	886	753	808	870	939	921	935	932	967	974	<b>886</b>
<b>2005</b>	952	977	1,005	985	988	986	854	887	932	1,004	1,018	1,124	<b>976</b>
<b>2006</b>	1,256	1,276	1,192	1,170	1,166	963							<b>1,171</b>

Source : London Metal Exchange (LME)



**Table I-7 Nickel World Price Statistics 1993 - 2006 (Jan-Jul)**

Unit : US\$/Metric Ton

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1993</b>	5,933	6,041	5,974	5,975	5,765	5,543	5,039	4,723	4,355	4,451	4,636	5,121	<b>5,296</b>
<b>1994</b>	5,580	5,827	5,590	5,410	6,089	6,284	6,230	5,861	6,367	6,750	7,559	8,560	<b>6,342</b>
<b>1995</b>	9,596	8,509	7,536	7,400	7,236	7,874	8,599	8,947	8,408	8,065	8,509	8,094	<b>8,231</b>
<b>1996</b>	7,862	8,216	8,022	8,043	8,027	7,709	7,203	7,054	7,318	7,031	6,943	6,679	<b>7,509</b>
<b>1997</b>	7,170	7,734	7,895	7,315	7,483	7,065	6,838	6,747	6,504	6,380	6,137	5,945	<b>6,934</b>
<b>1998</b>	5,494	5,390	5,399	5,397	5,023	4,479	4,329	4,084	4,106	3,875	4,135	3,881	<b>4,633</b>
<b>1999</b>	4,273	4,630	5,015	5,106	5,403	5,198	5,704	6,452	7,031	7,325	7,953	8,087	<b>6,015</b>
<b>2000</b>	8,314	9,658	10,284	9,731	10,134	8,415	8,164	8,007	8,642	7,683	7,344	7,319	<b>8,641</b>
<b>2001</b>	6,999	6,528	6,138	6,333	7,065	6,645	5,940	5,525	5,030	4,828	5,082	5,267	<b>5,948</b>
<b>2002</b>	6,043	6,029	6,538	6,958	6,761	7,120	7,143	6,717	6,640	6,804	7,314	7,193	<b>6,772</b>
<b>2003</b>	8,026	8,623	8,379	7,910	8,331	8,875	8,797	9,351	9,965	11,047	12,087	14,163	<b>9,630</b>
<b>2004</b>	15,327	15,145	13,715	12,848	11,118	13,534	15,023	13,680	13,271	14,404	14,045	13,769	<b>13,823</b>
<b>2005</b>	14,501	15,345	16,185	16,136	16,920	16,154	14,571	14,887	14,223	12,397	12,111	13,426	<b>14,738</b>
<b>2006</b>	14,550	14,975	14,893	17,932	21,065	20,747							<b>17,360</b>

Source : London Metal Exchange (LME)

**Table I-8 Platinum World Price Statistics 1993 - 2006 (Jan-Jul)**

Unit : US\$/Troy Oz.

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1993</b>	359	359	350	369	385	384	403	393	362	368	375	383	<b>374</b>
<b>1994</b>	388	394	400	397	398	401	411	412	417	419	413	410	<b>405</b>
<b>1995</b>	414	414	416	449	437	438	433	425	430	413	413	410	<b>424</b>
<b>1996</b>	416	420	411	404	401	392	393	400	390	384	382	370	<b>397</b>
<b>1997</b>	359	364	380	371	389	431	416	425	425	424	393	367	<b>395</b>
<b>1998</b>	375	386	399	414	389	356	378	370	360	351	347	350	<b>373</b>
<b>1999</b>	355	365	370	358	356	356	349	349	372	423	435	440	<b>377</b>
<b>2000</b>	473	517	481	497	546	560	560	577	591	580	593	610	<b>549</b>
<b>2001</b>	620	600	584	595	610	579	525	457	459	434	436	460	<b>530</b>
<b>2002*</b>	472	471	512	541	534	556	526	546	556	581	588	596	<b>540</b>
<b>2003</b>	630	682	677	625	650	662	682	693	705	732	760	808	<b>692</b>
<b>2004</b>	851	846	899	881	810	807	809	847	848	843	854	849	<b>845</b>
<b>2005</b>	859	865	868	865	867	880	874	899	915	931	963	979	<b>897</b>
<b>2006</b>	1,029	1,041	1,042	1,102	1,264	1,189							<b>1,111</b>

Source : London Metal Exchange (LME)

: \*Kitco Inc.

**Table I-9 Palladium World Price Statistics 1993 - 2006 (Jan-Jul)**

Unit : US\$/Troy Oz.

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1993</b>	110	110	106	115	120	127	139	137	121	130	128	125	<b>122</b>
<b>1994</b>	124	132	133	134	136	137	146	152	153	155	157	154	<b>143</b>
<b>1995</b>	156	157	163	170	161	159	155	150	144	137	134	132	<b>152</b>
<b>1996</b>	129	139	138	137	132	129	132	127	122	118	117	117	<b>128</b>
<b>1997</b>	121	136	149	154	171	204	179	215	191	205	208	199	<b>178</b>
<b>1998</b>	226	236	262	321	354	284	307	288	283	283	277	297	<b>285</b>
<b>1999</b>	322	352	353	361	330	321	332	340	362	387	401	423	<b>357</b>
<b>2000</b>	441	604	730	570	572	654	704	760	728	740	793	917	<b>684</b>
<b>2001</b>	1,042	972	779	698	656	614	525	455	442	335	336	399	<b>604</b>
<b>2002*</b>	410	374	375	370	357	335	323	325	328	317	286	243	<b>337</b>
<b>2003</b>	255	253	226	163	167	180	173	182	211	202	197	198	<b>201</b>
<b>2004</b>	216	235	268	297	246	229	221	216	211	218	214	192	<b>230</b>
<b>2005</b>	186	182	197	199	190	187	184	187	189	208	246	266	<b>202</b>
<b>2006</b>	274	289	310	353	369	316							<b>318</b>

Source : London Metal Exchange (LME)

: \*Kitco Inc.

**Table I-10 Silver World Price Statistics 1993 - 2006 (Jan-Jul)**

Unit : US\$/Troy Oz.

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1993</b>	3.68	3.66	3.65	3.96	4.46	4.37	5.02	4.84	4.22	4.34	4.53	4.97	<b>4.31</b>
<b>1994</b>	5.14	5.25	5.43	5.31	5.42	5.39	5.28	5.19	5.52	5.46	5.19	4.78	<b>5.28</b>
<b>1995</b>	4.77	4.72	4.65	5.50	5.54	5.35	5.17	5.39	5.44	5.37	5.32	5.18	<b>5.20</b>
<b>1996</b>	5.47	5.62	5.53	5.41	5.37	5.16	5.06	5.13	5.04	4.93	4.83	4.79	<b>5.20</b>
<b>1997</b>	4.76	5.09	5.20	4.76	4.76	4.75	4.36	4.51	4.72	5.01	5.06	5.72	<b>4.89</b>
<b>1998</b>	5.84	6.72	6.24	6.32	5.56	5.27	5.46	5.18	4.99	5.13	4.98	4.86	<b>5.55</b>
<b>1999</b>	5.15	5.52	5.19	5.07	5.28	5.00	5.20	5.30	5.30	5.40	5.20	5.10	<b>5.23</b>
<b>2000</b>	5.18	5.06	5.06	5.00	5.00	4.99	4.97	4.85	4.89	4.83	4.68	4.64	<b>4.93</b>
<b>2001</b>	4.66	4.55	4.40	4.37	4.43	4.36	4.26	4.20	4.36	4.40	4.18	4.34	<b>4.38</b>
<b>2002*</b>	4.52	4.42	4.53	4.57	4.71	4.89	4.92	4.54	4.55	4.40	4.51	4.67	<b>4.60</b>
<b>2003</b>	4.86	4.68	4.55	4.54	4.75	4.56	4.86	5.03	5.21	5.04	5.21	5.65	<b>4.91</b>
<b>2004</b>	6.37	6.48	7.29	7.09	5.88	5.88	6.08	6.71	6.42	7.15	7.51	7.12	<b>6.67</b>
<b>2005</b>	6.66	7.07	7.28	7.16	7.05	7.34	7.04	7.03	7.19	7.70	7.86	8.69	<b>7.34</b>
<b>2006</b>	9.18	9.52	10.38	12.64	13.37	10.77							<b>10.98</b>

Source : London Metal Exchange (LME)

: \*Kitco Inc.

**Table I-11 Steel World Price Statistics 2006 (Jan-Jul)**

Unit : US\$/Metric Ton

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>US Steel Import</b>													
<b>Rebar</b>													
Min	na	na	na	na	430	na							430
Max	430	431	432	433	500	500							454
<b>Merchant bars</b>													
Min	530	530	530	530	550	570							540
Max	550	550	550	550	565	580							558
<b>Wire rod</b>													
Min	na	na	na	na	460	510							485
Max	460	460	460	460	520	520							480
<b>CR coil</b>													
Min	600	600	600	600	600	na							600
Max	620	620	620	620	720	720							653
<b>HR coil</b>													
Min	520	520	520	520	520	na							520
Max	530	530	530	530	620	620							560
<b>Galvanized coil</b>													
Min	na	na	na	na	750	800							775
Max	750	751	752	753	860	860							788
<b>China</b>													
<b>Billet</b>													
Min	na	318	348	355	395	395							362
Max	na	329	360	365	405	405							373
<b>CR coil</b>													
Min	na	480	480	480	480	533							491
Max	na	490	490	490	490	563							505
<b>HR coil</b>													
Min	na	378	443	455	490	557							465
Max	na	398	453	465	520	567							481

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>Latin America</b>													
<b>Wire rods</b>													
Min	380	390	405	405	430	430							407
Max	400	408	416	410	500	500							439
<b>HR coil</b>													
Min	400	403	410	415	460	460							425
Max	420	425	440	450	480	480							449
<b>CR coil</b>													
Min	500	500	500	510	na	na							503
Max	540	540	540	550	560	560							548
<b>Galvanized coil</b>													
Min	580	580	580	580	580	580							580
Max	600	600	600	600	600	600							600
<b>CIS*</b>													
<b>Slab</b>													
Min	285	285	285	285	369	460							328
Max	340	340	340	340	405	480							374
<b>Billet</b>													
Min	310	306	331	350	371	403							345
Max	330	326	345	360	383	417							360
<b>Rebars</b>													
Min	358	365	384	400	415	440							394
Max	375	380	401	420	426	452							409
<b>Wire rods</b>													
Min	365	365	380	400	415	445							395
Max	375	375	398	420	428	455							409
<b>CR coil</b>													
Min	455	468	493	500	570	590							513
Max	500	524	535	535	630	640							561
<b>HR coil</b>													
Min	343	363	405	420	505	550							431
Max	393	420	455	470	549	570							476
<b>Brussel</b>													
<b>Merchant bars</b>													
Min	420	420	425	430	464	463							437
Max	440	440	445	450	483	483							457
<b>Wire rod</b>													
Min	400	400	405	410	443	450							418
Max	420	420	423	425	460	468							436

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>CR coil</b>													
Min	530	530	548	560	568	580							553
Max	550	550	568	580	588	600							573
<b>ECSC**</b>													
<b>Merchant bars</b>													
Min	na	480	493	580	580	580							na
Max	na	500	513	600	600	600							na
<b>Wire rod</b>													
Min	425	420	461	490	490	500							464
Max	435	440	479	500	500	520							479
<b>HR coil</b>													
Min	360	360	390	430	430	430							400
Max	410	410	455	500	500	500							463
<b>CR coil</b>													
Min	490	490	515	520	520	520							509
Max	540	540	555	560	560	560							553
<b>Galvanized coil</b>													
Min	550	550	575	610	610	610							584
Max	570	570	600	650	650	650							615
<b>Stainless Steel: Asia</b>													
<b>Grade 304 2mm CR Coil</b>													
Min	2,075	2,138	2,400	2,425	2,725	3,000							na
Max	2,250	2,325	2,500	2,525	2,900	3,200							na

Source : Metal Bulletin

\* : Commonwealth of Independent States

\*\* : European Coal and Steel Community

**Table I-12 Tin World Price Statistics 1993 - 2006 (Jan-Jul)**

Unit : US\$/Metric Ton

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1993</b>	5,901	5,791	5,659	5,591	5,504	4,972	4,973	4,809	4,491	4,681	4,641	4,778	<b>5,149</b>
<b>1994</b>	4,943	5,443	5,405	5,386	5,504	5,509	5,311	5,162	5,321	5,474	6,161	5,947	<b>5,464</b>
<b>1995</b>	6,199	5,478	5,532	5,872	5,926	6,671	6,669	6,992	6,328	6,221	6,387	6,290	<b>6,214</b>
<b>1996</b>	6,274	6,192	6,192	6,477	6,409	6,189	6,247	6,107	6,098	5,939	5,989	5,833	<b>6,162</b>
<b>1997</b>	5,875	5,881	5,906	5,745	5,708	5,366	5,443	5,426	5,494	5,561	5,651	5,514	<b>5,631</b>
<b>1998</b>	5,206	5,243	5,477	5,714	5,874	5,970	5,654	5,692	5,486	5,432	5,478	5,258	<b>5,540</b>
<b>1999</b>	5,109	5,269	5,360	5,393	5,649	5,266	5,216	5,230	5,343	5,431	5,842	5,721	<b>5,402</b>
<b>2000</b>	5,928	5,646	5,458	5,384	5,451	5,457	5,341	5,301	5,474	5,282	5,270	5,234	<b>5,436</b>
<b>2001</b>	5,170	5,122	5,046	4,949	4,945	4,828	4,351	3,896	3,695	3,751	4,042	4,018	<b>4,484</b>
<b>2002</b>	3,859	3,728	3,840	4,021	4,147	4,283	4,328	3,831	3,954	4,239	4,227	4,234	<b>4,058</b>
<b>2003</b>	4,433	4,568	4,601	4,563	4,734	4,692	4,736	4,819	4,909	5,233	5,359	6,054	<b>4,892</b>
<b>2004</b>	6,481	6,668	7,616	8,944	9,448	9,189	9,032	9,013	9,010	9,036	9,062	8,549	<b>8,504</b>
<b>2005</b>	7,729	8,083	8,426	8,134	8,119	7,615	7,165	7,183	6,778	6,420	6,154	6,710	<b>7,376</b>
<b>2006</b>	7,046	7,819	7,932	8,846	8,830	7,889							<b>8,060</b>

Source : London Metal Exchange (LME)

**Table I-13 Zinc World Price Statistics 1993 - 2006 (Jan-Jul)**

Unit : US\$/Metric Ton

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1993</b>	1,061	1,072	996	1,005	982	927	928	884	875	915	929	975	<b>962</b>
<b>1994</b>	997	969	936	924	956	967	964	945	993	1,059	1,152	1,115	<b>998</b>
<b>1995</b>	1,157	1,033	1,023	1,062	1,037	1,010	1,027	1,015	987	980	1,031	1,018	<b>1,032</b>
<b>1996</b>	1,019	1,036	1,064	1,045	1,036	1,008	1,000	1,007	1,000	1,003	1,046	1,036	<b>1,025</b>
<b>1997</b>	1,086	1,179	1,255	1,240	1,311	1,354	1,518	1,654	1,641	1,280	1,117	1,102	<b>1,311</b>
<b>1998</b>	1,097	1,045	1,048	1,097	1,061	1,010	1,040	1,030	1,000	940	967	959	<b>1,025</b>
<b>1999</b>	933	1,017	1,030	1,019	1,041	1,000	1,072	1,131	1,123	1,148	1,147	1,183	<b>1,070</b>
<b>2000</b>	1,179	1,059	1,116	1,128	1,157	1,118	1,136	1,169	1,224	1,096	1,059	1,060	<b>1,125</b>
<b>2001</b>	1,033	1,021	1,005	970	938	895	852	828	799	762	773	755	<b>886</b>
<b>2002</b>	793	771	819	808	769	767	794	747	756	754	765	797	<b>778</b>
<b>2003</b>	781	785	791	754	775	790	827	817	818	898	914	977	<b>827</b>
<b>2004</b>	1,017	1,087	1,105	1,032	1,028	1,021	988	975	975	1,064	1,095	1,180	<b>1,047</b>
<b>2005</b>	1,246	1,326	1,377	1,300	1,243	1,275	1,194	1,298	1,397	1,488	1,611	1,821	<b>1,381</b>
<b>2006</b>	2,090	2,219	2,416	3,084	3,565	3,225							<b>2,766</b>

Source : London Metal Exchange (LME)