

**Statistics Report  
BPI 2/2007**

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**THAILAND  
METAL STATISTICS YEAR 2006**

**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" 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

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***OVERALL***

**Table 1 Overall Metal Production Statistics 2004-2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	Quantities			Value <sup>E</sup>		
	2004	2005	2006	2004	2005	2006
<b>1. Antimony</b>	2	460	544	0	64	115
<b>2. Lead</b>	57,500	61,100	61,160	2,010	2,385	3,670
<b>3. Steel<sup>1/</sup></b>	12,185	11,617	10,134	267,800	230,887	207,750
<b>4. Tantalum Powder</b>	317	150	230	4,120	1,215	2,570
<b>5. Tin</b>	20,800	31,600	27,540	6,780	9,323	10,050
<b>6. Zinc</b>	115,500	104,500	94,779	4,620	5,773	12,700
<b>7. Gold and Silver</b>	15.2	18.5	16.1	2,342	2,940	3,225
- Gold	4.5	4.4	4.3	2,250	2,807	3,070
- Silver	10.7	14.1	11.8	92	133	155
<b>8. Copper</b>	5,800	15,800	27,050	725	2,324	7,275

1/ : Unit in 1,000 Tonnes

E : Estimate



***PRODUCTION***

**Table 2 Nonferrous Production Statistics 2002 - 2006**

Unit : Metric Tonnes

ITEM	2002	2003	2004	2005	2006	%Δ <sup>1/</sup>
<b>1. Antimony</b>	0	12	2	460	544	18
<b>2. Lead</b>	42,900	45,300	57,500	61,100	61,160	0
<b>3. Tantalum Powder</b>	102	168	317	150	230	53
<b>4. Tin</b>	18,600	15,400	20,800	31,600	27,540	-13
<b>5. Zinc</b>	104,800	116,400	115,500	104,500	94,780	-9
<b>6. Gold and Silver</b>	23.0	16.8	15.2	18.5	16.1	-13
- Gold	4.9	4.3	4.5	4.4	4.3	
- Silver	18.0	12.5	10.7	14.1	11.8	
<b>7. Copper</b>	-	-	5,800	15,800	27,050	71

1/ : % Changes as compared with 2005

**Table 3 Steel Production Statistics 2002 - 2006**

Unit : 1,000 Tonnes

ITEM	2002	2003	2004	2005	2006	%Δ <sup>1/</sup>
<b>1. Semi-finished Products</b>	2,008	2,472	4,144	4,232	5,050	19
<b>2. Long Products<sup>E1</sup></b>	3,343	3,534	4,907	4,578	3,280	-28
<b>3. Flat Products</b>	4,617	5,246	5,783	5,757	5,375	-7
Hot-Rolled Coils	2,952	3,321	3,840	4,434	3,995	
Hot-Rolled Plates						
Cold-Rolled Coils	1,665	1,925	1,943	1,323	1,380	
<b>4. Others Products<sup>2/</sup></b>	46	24	17	26	49	88
<b>5. Coated Steel</b>	944	997	1,042	850	1,010	19
Tinplates	244	274	335	228	300	
Tin Free Steel	109	137	137	129	150	
Galvanized Sheets	444	468	440	311	320	
Zincalume, Colorbond, ShutterEx and Paint	147	119	129	182	240	
<b>6. Pipes &amp; Tubes<sup>E2</sup></b>	511	435	436	406	420	3
<b>Steel Products Total<sup>3/</sup></b>	9,461	10,236	12,185	11,617	10,134	-13

1/ : % Changes as compared with 2005

2/ : Electric Arc Furnace - EAF

3/ : Excludes Item 1

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

E2 : Bank of Thailand

***IMPORT***

**Table 4 Aluminium Import Statistics 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Scrap</b>	<b>17,602</b>	<b>22,364</b>	<b>31,177</b>	<b>31,784</b>	<b>53,405</b>	68
<i>Value</i>	890	1,158	1,768	1,893	3,923	107
<b>2. Unwrought</b>	<b>259,324</b>	<b>330,317</b>	<b>392,748</b>	<b>386,924</b>	<b>418,445</b>	8
Aluminium	124,554	144,159	184,760 <sup>E</sup>	165,084	197,606	20
Aluminium alloys	134,769	186,158	207,988	221,841	220,838	0
<i>Value</i>	<b>16,343</b>	<b>20,128</b>	<b>28,092</b>	<b>30,586</b>	<b>41,012</b>	34
<b>3. Powders &amp; Flakes</b>	<b>671</b>	<b>864</b>	<b>1,021</b>	<b>434</b>	<b>546</b>	26
<i>Value</i>	62	78	75	92	110	20
<b>4. Bars, Rods &amp; Profiles</b>	<b>2,615</b>	<b>4,278</b>	<b>4,141</b>	<b>5,905</b>	<b>9,472</b>	60
Aluminium	432	641	650	527	405	-23
Aluminium alloys	2,184	3,638	3,490	5,378	9,067	69
<i>Value</i>	<b>359</b>	<b>575</b>	<b>680</b>	<b>970</b>	<b>1,400</b>	44
<b>5. Wire</b>	<b>2,741</b>	<b>2,634</b>	<b>3,258</b>	<b>2,685</b>	<b>2,952</b>	10
Aluminium	205	308	225	175	90	-48
Aluminium alloys	2,536	2,326	3,033	2,510	2,862	14
<i>Value</i>	<b>314</b>	<b>311</b>	<b>366</b>	<b>339</b>	<b>466</b>	37
<b>6. Plates, Sheets &amp; Strip (t&gt;0.2mm)</b>	<b>61,025</b>	<b>70,755</b>	<b>80,949</b>	<b>47,690</b>	<b>31,918</b>	-33
Aluminium	7,612	7,930	9,670	9,356	9,899	6
Aluminium alloys	53,413	62,825	71,278	38,333	22,019	-43
<i>Value</i>	<b>6,805</b>	<b>7,804</b>	<b>9,354</b>	<b>5,809</b>	<b>4,621</b>	-20
<b>7. Foil (t&lt;=0.2mm)</b>	<b>21,686</b>	<b>26,571</b>	<b>33,275</b>	<b>13,517</b>	<b>12,836</b>	-5
Not backed	17,574	22,278	28,054	9,086	8,031	-12
Backed	4,112	4,293	5,221	4,431	4,806	8
<i>Value</i>	<b>3,693</b>	<b>4,290</b>	<b>5,493</b>	<b>2,057</b>	<b>1,968</b>	-4
<b>8. Tubes, Pipes &amp; Fittings</b>	<b>2,160</b>	<b>2,391</b>	<b>3,091</b>	<b>6,142</b>	<b>6,670</b>	9
Tubes & Pipes	1,843	2,191	2,839	5,781	6,158	7
Fittings	317	200	251	361	512	42
<i>Value</i>	<b>742</b>	<b>890</b>	<b>1,102</b>	<b>1,875</b>	<b>2,121</b>	13
<b>Total Quantity</b>	<b>367,824</b>	<b>460,174</b>	<b>549,659</b>	<b>495,081</b>	<b>536,244</b>	8
<b>Total Value</b>	<b>29,209</b>	<b>35,234</b>	<b>46,929</b>	<b>43,621</b>	<b>55,621</b>	28

1/ : % Changes as compared with 2005

P : Preliminary

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

**Table 5 Copper Import Statistics 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Matte &amp; Cement</b>	176	1	1	1	71	5,852
Value	3	0	0	0	0	-99
<b>2. Scrap</b>	4,245	4,757	6,560	5,015	6,426	28
Value	208	360	608	602	1,227	104
<b>3. Unwrought</b>	195,465	217,016	282,313	246,279	310,884	26
Copper	186,633	205,187	229,840	235,715	301,123	28
Copper alloys	8,832	11,829	52,473	10,564	9,761	-8
Value	14,153	16,243	27,838	35,596	69,499	95
<b>4. Powders &amp; Flakes</b>	559	587	721	1,242	1,090	-12
Value	101	118	167	1,655	278	-83
<b>5. Bars, Rods &amp; Profiles</b>	6,202	7,705	7,733	11,227	13,422	20
Copper	671	934	946	2,219	1,802	-19
Copper alloys	5,530	6,771	6,786	9,008	11,620	29
Value	692	888	1,255	1,664	3,001	80
<b>6. Wire</b>	36,362	45,421	52,436	39,097	39,950	2
Copper	31,792	41,128	49,166	35,934	36,437	1
Copper alloys	4,570	4,293	3,270	3,163	3,513	11
Value	2,837	4,171	6,838	6,431	10,838	69
<b>7. Plates, Sheets &amp; Strip (t&gt;0.15 mm)</b>	26,365	28,732	34,939	35,374	39,949	13
Copper	8,058	8,594	11,217	11,836	12,592	6
Copper alloys	18,308	20,139	23,722	23,539	27,357	16
Value	3,956	4,585	7,027	8,048	11,976	49
<b>8. Foil (t=&lt;0.15 mm)</b>	14,154	14,517	15,844	13,215	13,486	2
Not backed	5,870	6,725	7,519	8,012	8,112	1
Backed	8,284	7,791	8,325	5,203	5,373	3
Value	2,881	3,524	4,159	4,461	5,312	19
<b>9. Tubes, Pipes &amp; Fittings</b>	9,619	11,578	13,778	14,943	17,793	19
Tubes & Pipes	9,365	11,172	13,268	13,898	16,530	19
Fittings	254	406	510	1,046	1,263	21
Value	1,649	1,953	2,698	3,293	4,732	44
<b>Total Quantity</b>	293,148	330,314	414,323	366,394	443,071	7
<b>Total Value</b>	26,481	31,844	50,590	61,750	106,862	111

1/ : % Changes as compared with 2005

P : Preliminary

**Table 6 Iron and Steel Import Statistics 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Pig Iron/DRI/HBI</b>	<b>203,968</b>	<b>369,589</b>	<b>918,151</b>	<b>967,640</b>	<b>574,104</b>	-41
<i>Value</i>	<b>1,586</b>	<b>3,216</b>	<b>8,204</b>	<b>11,740</b>	<b>7,387</b>	-37
<b>2. Ferro-alloys</b>	<b>54,457</b>	<b>72,017</b>	<b>84,389</b>	<b>79,975</b>	<b>97,021</b>	21
Ferro-chromium	5,471	8,628	11,031	15,616	18,317	17
Ferro-manganese	7,221	8,070	12,209	9,597	14,476	51
Ferro-silicon	18,223	26,423	26,240	24,142	27,348	13
Ferro-silicon-manganese	22,047	27,511	32,602	27,748	34,377	24
Other	1,495	1,385	2,307	2,873	2,503	-13
<i>Value</i>	<b>1,326</b>	<b>1,834</b>	<b>3,494</b>	<b>3,191</b>	<b>3,229</b>	1
<b>3. Scrap</b>	<b>977,555</b>	<b>1,279,889</b>	<b>1,849,787</b>	<b>1,683,042</b>	<b>1,372,761</b>	-18
Carbon Steel	945,155	1,220,880	1,696,333	1,451,420	1,179,579	-19
Cast Iron	197	13,463	78,531	194,201	139,908	-28
Stainless Steel	4,038	3,970	4,650	3,646	5,496	51
Other Alloy Steel	28,090	41,562	70,009	33,624	47,631	42
Other	75	15	263	152	147	-3
<i>Value</i>	<b>6,697</b>	<b>9,926</b>	<b>21,383</b>	<b>19,527</b>	<b>14,796</b>	-24
<b>4. Semi-Finished Products</b>	<b>5,014,269</b>	<b>4,166,099</b>	<b>5,012,311</b>	<b>5,709,947</b>	<b>3,924,818</b>	-31
Billet	1,759,849	1,619,441	2,151,221	1,825,237	1,525,704	-16
Billet & Slab (>= 0.25 C)	250,427	313,445	470,573	366,324	281,691	-23
Ingot	719	2,009	732	475	523	10
Slab	2,939,626	2,173,120	2,317,763	3,475,634	2,083,935	-40
Other	63,649	58,083	72,022	42,277	32,966	-22
<i>Value</i>	<b>41,979</b>	<b>46,177</b>	<b>79,227</b>	<b>95,353</b>	<b>57,676</b>	-40
<b>5. Long Products</b>	<b>822,073</b>	<b>843,077</b>	<b>930,379</b>	<b>1,301,349</b>	<b>1,562,096</b>	20
Angles, Shapes & Sections	14,027	20,262	12,991	21,695	16,739	-23
Bars	239,440	268,056	334,562	400,010	811,642	103
Cold-drawn Bars	21,152	39,203	43,618	51,840	54,472	5
Wire Rods	473,352	443,191	448,759	715,663	553,703	-23
Wires	74,101	72,364	90,450	112,141	125,539	12
<i>Value</i>	<b>18,528</b>	<b>20,353</b>	<b>27,549</b>	<b>21,695</b>	<b>38,726</b>	79
<b>6. Hot Rolled Flat Product</b>	<b>2,426,063</b>	<b>2,990,162</b>	<b>2,718,985</b>	<b>2,940,612</b>	<b>2,362,645</b>	-20
Coil	2,281,682	2,565,333	2,466,459	2,597,199	2,140,582	-18
Plate & Sheet	138,958	418,366	210,669	173,881	174,226	0
Strip	5,422	6,463	41,856	169,533	47,837	-72
<i>Value</i>	<b>34,386</b>	<b>45,038</b>	<b>60,749</b>	<b>84,206</b>	<b>66,241</b>	-21

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>7. Cold Rolled Flat Product</b>	<b>586,447</b>	<b>666,749</b>	<b>738,613</b>	<b>857,447</b>	<b>841,489</b>	-2
Coil	323,506	463,986	521,280	551,868	587,060	6
Plate & Sheet	224,822	165,722	168,302	233,430	186,783	-20
Strip	38,119	37,041	49,032	72,149	67,645	-6
<b>Value</b>	<b>15,216</b>	<b>18,828</b>	<b>24,553</b>	<b>34,134</b>	<b>32,550</b>	-5
<b>8. Coated Products</b>	<b>885,420</b>	<b>895,727</b>	<b>1,086,426</b>	<b>1,459,211</b>	<b>1,529,278</b>	5
Chromium Plate	39,916	30,752	33,492	30,832	37,227	21
Electro Galvanized	145,435	131,125	131,444	151,667	153,402	1
Hot dip Galvanized	360,630	462,214	555,110	865,591	804,205	-7
Tinplate	111,640	84,085	99,193	75,319	100,506	33
Other	23,887	55,054	132,604	201,851	281,408	39
Zincalume/ Color Coated	203,911	132,497	134,583	133,951	152,530	14
<b>Value</b>	<b>18,025</b>	<b>21,529</b>	<b>31,689</b>	<b>51,360</b>	<b>46,856</b>	-9
<b>9. Pipes &amp; Fittings</b>	<b>162,497</b>	<b>232,664</b>	<b>329,144</b>	<b>500,451</b>	<b>1,075,658</b>	115
Fittings	12,376	15,444	17,132	22,187	26,072	18
Seam Pipes	50,478	55,786	104,856	114,549	102,611	-10
Seamless Pipes	99,644	161,434	207,157 <sup>E</sup>	363,715	946,974	160
<b>Value</b>	<b>7,976</b>	<b>11,305</b>	<b>18,301</b>	<b>29,663</b>	<b>44,461</b>	50
<b>10. Sheet Piling</b>	<b>2,104</b>	<b>1,191</b>	<b>714</b>	<b>150</b>	<b>76</b>	-49
Stainless Steel	-	0	-	0	3	809
Other Alloy Steel	-	0	-	-	-	-
Other	2,104	1,191	714	149	73	-51
<b>Value</b>	<b>29</b>	<b>19</b>	<b>14</b>	<b>6</b>	<b>10</b>	66
<b>11. Rails and Accessories</b>	<b>37,248</b>	<b>24,679</b>	<b>10,909</b>	<b>17,889</b>	<b>22,655</b>	27
<b>Value</b>	<b>751</b>	<b>434</b>	<b>266</b>	<b>712</b>	<b>658</b>	-8
<b>Finished Steel Products Total<sup>2/</sup></b>	<b>4,921,853</b>	<b>5,654,248</b>	<b>5,815,170</b>	<b>7,077,109</b>	<b>7,393,894</b>	27
<b>Finished Steel Products Value<sup>2/</sup></b>	<b>94,912</b>	<b>117,505</b>	<b>163,121</b>	<b>221,775</b>	<b>229,502</b>	41
<b>Total Quantity</b>	<b>11,172,101</b>	<b>11,541,842</b>	<b>13,679,807</b>	<b>15,517,712</b>	<b>13,362,598</b>	-2
<b>Total Value</b>	<b>146,501</b>	<b>178,659</b>	<b>275,429</b>	<b>351,586</b>	<b>312,589</b>	13

1/ : % Changes as compared with 2005

2/ : 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 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Scrap</b>	41	45	29	3	1	-65
<i>Value</i>	0	1	3	2	0	-99
<b>2. Unwrought</b>	68,797	84,598	81,244	74,918	87,142	16
Lead	59,918	76,951	75,086	66,554	78,136	17
Lead alloys	8,879	7,647	6,159	8,364	9,006	8
<i>Value</i>	1,465	1,892	3,194	3,275	4,404	34
<b>3. Powders &amp; Flakes</b>	3	0	7	94	27	-71
<i>Value</i>	1	0	7	5	2	-65
<b>4. Bars, Rods, Profiles &amp; Wire</b>	634	408	483	364	306	-16
<i>Value</i>	133	83	167	160	203	27
<b>5. Plates, Sheets, Strip &amp; Foil</b>	110	69	114	92	84	-9
<i>Value</i>	23	13	25	18	15	-14
<b>6. Tubes, Pipes &amp; Fittings</b>	5	12	6	0	2	296
<i>Value</i>	1	1	1	0	1	257
<b>Total Quantity</b>	69,590	85,132	81,884	75,471	87,562	16
<b>Total Value</b>	1,623	1,990	3,398	3,460	4,625	34

1/ : % Changes as compared with 2005

P : Preliminary



**Table 8 Nickel Import Statistics 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Matte &amp; Sinters</b>	0	1	0	8,717	1,557	-82
<i>Value</i>	0	0	0	206	146	-29
<b>2. Scrap</b>	11	60	64	89	80	-10
<i>Value</i>	4	21	39	47	68	44
<b>3. Unwrought</b>	1,721	1,903	2,478	2,822	2,403	-15
Nickel	1,693	1,861	2,425	2,756	2,353	-15
Nickel alloys	28	41	53	66	50	-25
<i>Value</i>	519	718	1,437	1,743	1,871	7
<b>4. Powders &amp; Flakes</b>	87	79	125	154	222	44
<i>Value</i>	56	56	101	107	152	42
<b>5. Bars, Rods &amp; Profiles</b>	8	9	22	22	29	28
<i>Value</i>	10	12	22	28	42	53
<b>6. Wire</b>	156	259	162	216	206	-5
<i>Value</i>	74	121	101	155	156	1
<b>7. Plates, Sheets &amp; Strip</b>	284	113	101	133	316	137
<i>Value</i>	35	29	49	116	288	149
<b>8. Foil</b>	1	1	0	1	4	663
<i>Value</i>	9	2	1	3	9	167
<b>9. Tubes, Pipes &amp; Fittings</b>	9	21	62	73	77	7
<i>Value</i>	11	32	33	62	54	-13
<b>Total Quantity</b>	2,278	2,445	3,013	12,227	4,894	-60
<b>Total Value</b>	718	991	1,782	2,466	2,787	13

1/ : % Changes as compared with 2005

P : Preliminary

**Table 9 Tin Import Statistics 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Scrap</b>	-	-	10	-	-	-
<i>Value</i>	-	-	1	-	-	-
<b>2. Unwrought</b>	544	1,933	9,950	17,377	21,264	22
Tin	182	1,414	9,684	17,142	20,753	21
Tin alloys	362	518	266	235	511	118
<i>Value</i>	125	444	3,393	5,139	6,812	33
<b>3. Powders &amp; Flakes</b>	3	6	2	6	5	-19
<i>Value</i>	1	2	1	3	3	-17
<b>4. Bars, Rods, &amp; Profiles</b>	91	130	215	219	159	-27
<i>Value</i>	14	63	144	161	117	-27
<b>5. Wire</b>	206	147	132	125	113	-10
<i>Value</i>	22	18	12	18	11	-35
<b>6. Plates, Sheets &amp; Strip (t&gt;0.2mm)</b>	26	8	17	194	323	66
<i>Value</i>	4	4	11	28	24	-13
<b>7. Foil</b>	6	1	1	10	10	-2
<i>Value</i>	1	1	0	1	1	30
<b>8. Tubes, Pipes &amp; Fittings</b>	-	-	-	-	-	-
<i>Value</i>	-	-	-	-	-	-
<b>9. Other</b>	7	15	37	32	37	17
<i>Value</i>	8	16	40	33	40	20
<b>Total Quantity</b>	885	2,240	10,365	17,962	21,910	22
<b>Total Value</b>	175	550	3,603	5,383	7,009	30

1/ : % Changes as compared with 2005

P : Preliminary

**Table 10 Zinc Import Statistics 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Scrap</b>	-	-	58	65	223	240
<i>Value</i>	-	-	1	3	14	414
<b>2. Unwrought</b>	35,980	34,029	42,702	33,053	33,758	2
Zinc	24,477	20,944	31,577	23,407	23,073	-1
Zinc alloys	11,503	13,085	11,125	9,646	10,685	11
<i>Value</i>	1,285	1,220	2,004	1,895	3,896	106
<b>3. Dust, Powders &amp; Flakes</b>	949	1,566	1,678	2,197	2,219	1
<i>Value</i>	61	91	112	164	308	88
<b>4. Bars, Rods, &amp; Profiles</b>	232	170	221	34	49	44
<i>Value</i>	15	18	76	13	7	-44
<b>5. Wire</b>	579	741	854	810	801	-1
<i>Value</i>	41	54	67	69	113	63
<b>6. Plates, Sheets &amp; Strip</b>	120	130	666	1,283	517	-60
<i>Value</i>	18	17	58	58	20	-65
<b>7. Foil</b>	3	0	3	120	-	na
<i>Value</i>	1	0	2	4	-	na
<b>8. Tubes, Pipes &amp; Fittings</b>	3	12	7	3	62	2,146
<i>Value</i>	1	1	2	2	6	200
<b>Total Quantity</b>	37,867	36,648	46,189	37,566	37,629	0
<b>Total Value</b>	1,422	1,401	2,321	2,207	4,364	98

1/ : % Changes as compared with 2005

P : Preliminary

**Table 11 Precious Metals Import Statistics 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Silver</b>	<b>926</b>	<b>1,752</b>	<b>2,060</b>	<b>2,384</b>	<b>1,569</b>	-34
Metal product	896	1,520	1,960 <sup>E</sup>	1,817	1,472	-19
Jewellery	30	232	100	568	97	-83
<b>Value</b>	<b>5,069</b>	<b>8,717</b>	<b>12,937</b>	<b>14,118</b>	<b>15,097</b>	7
<b>2. Gold</b>	<b>147</b>	<b>158</b>	<b>156</b>	<b>154</b>	<b>128</b>	-17
Metal product	137	145	142	144	115	-21
Jewellery	11	12	14	10	13	32
<b>Value</b>	<b>38,120</b>	<b>34,320</b>	<b>51,320</b>	<b>84,978</b>	<b>75,015</b>	-12
<b>3. Platinum - Group<sup>2/</sup></b>	<b>5</b>	<b>8</b>	<b>25</b>	<b>44</b>	<b>59</b>	35
Metal product	1	1	1	1	3	139
Jewellery	3	7	16	36	54	50
Others <sup>3/</sup>	1	0	9	7	2	-68
<b>Value</b>	<b>900</b>	<b>1,043</b>	<b>1,200</b>	<b>1,393</b>	<b>1,360</b>	-2
<b>Total Quantity</b>	<b>1,078</b>	<b>1,918</b>	<b>2,242</b>	<b>2,583</b>	<b>1,756</b>	-32
<b>Total Value</b>	<b>44,089</b>	<b>44,080</b>	<b>65,457</b>	<b>100,489</b>	<b>91,472</b>	-9

1/ : % Changes as compared with 2005

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

3/ : 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 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Antimony</b>	<b>370</b>	<b>501</b>	<b>755</b>	<b>318</b>	<b>558</b>	75
<i>Value</i>	<i>20</i>	<i>49</i>	<i>86</i>	<i>44</i>	<i>111</i>	150
<b>2. Beryllium</b>	<b>6.1</b>	<b>0.7</b>	<b>0.9</b>	<b>1.5</b>	<b>1.3</b>	-13
<i>Value</i>	<i>2.5</i>	<i>1.5</i>	<i>1.8</i>	<i>1.5</i>	<i>1.4</i>	-7
<b>3. Bismuth</b>	<b>14</b>	<b>13</b>	<b>18</b>	<b>14</b>	<b>26</b>	91
<i>Value</i>	<i>6</i>	<i>7</i>	<i>10</i>	<i>23</i>	<i>41</i>	80
<b>4. Cadmium</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	-97
<i>Value</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	-90
<b>5. Chromium</b>	<b>21</b>	<b>23</b>	<b>31</b>	<b>31</b>	<b>32</b>	3
<i>Value</i>	<i>23</i>	<i>16</i>	<i>28</i>	<i>47</i>	<i>57</i>	22
<b>6. Cobalt</b>	<b>83</b>	<b>118</b>	<b>123</b>	<b>175</b>	<b>243</b>	39
<i>Value</i>	<i>68</i>	<i>111</i>	<i>232</i>	<i>292</i>	<i>360</i>	23
<b>7. Germanium</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	87
<i>Value</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>6</i>	<i>11</i>	92
<b>8. Magnesium</b>	<b>786</b>	<b>941</b>	<b>1,354</b>	<b>1,351</b>	<b>1,450</b>	7
Unwrought	638	696	938	790	970	23
Scrap	118	169	372	526	452	-14
Other	30	76	44	35	28	-19
<i>Value</i>	<i>65</i>	<i>78</i>	<i>126</i>	<i>116</i>	<i>120</i>	4
<b>9. Manganese</b>	<b>185</b>	<b>216</b>	<b>234</b>	<b>679</b>	<b>1,695</b>	150
<i>Value</i>	<i>13</i>	<i>16</i>	<i>17</i>	<i>53</i>	<i>94</i>	77
<b>10. Molybdenum</b>	<b>14</b>	<b>40</b>	<b>48</b>	<b>51</b>	<b>45</b>	-12
Powders	2	2	2	12	2	-83
Wire	5	5	9	4	5	12
Other	7	33	37	35	38	10
<i>Value</i>	<i>69</i>	<i>184</i>	<i>159</i>	<i>236</i>	<i>190</i>	-19
<b>11. Tantalum</b>	<b>27</b>	<b>41</b>	<b>83</b>	<b>68</b>	<b>91</b>	34
<i>Value</i>	<i>634</i>	<i>826</i>	<i>1,229</i>	<i>1,177</i>	<i>1,450</i>	23
<b>12. Titanium</b>	<b>190</b>	<b>110</b>	<b>104</b>	<b>237</b>	<b>200</b>	-15
<i>Value</i>	<i>301</i>	<i>182</i>	<i>371</i>	<i>602</i>	<i>549</i>	-9
<b>13. Tungsten</b>	<b>97</b>	<b>120</b>	<b>148</b>	<b>198</b>	<b>249</b>	26
Powders	41	50	63	93	95	2
Wire	25	23	28	39	31	-22
Other	32	47	57	66	124	89
<i>Value</i>	<i>195</i>	<i>280</i>	<i>382</i>	<i>552</i>	<i>583</i>	6

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>14. Vanadium</b>	0	0	0	0	0	-100
<i>Value</i>	0	0	0	0	0	-97
<b>15. Zirconium</b>	169	89	143	249	217	-13
<i>Value</i>	15	10	12	24	30	23
<b>16. Other</b>	5	0	0	20	42	108
<i>Value</i>	6	2	2	10	8	-17
<b>Total Quantity</b>	1,967	2,214	3,043	3,392	4,850	43
<b>Total Value</b>	1,417	1,764	2,657	3,183	3,606	13

1/ : % Changes as compared with 2005

P : Preliminary

***EXPORT***

**Table 13 Aluminium Export Statistics 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Scrap</b>	<b>15,321</b>	<b>17,489</b>	<b>20,623</b>	<b>21,298</b>	<b>26,311</b>	24
<i>Value</i>	<i>708</i>	<i>735</i>	<i>944</i>	<i>1,103</i>	<i>1,864</i>	69
<b>2. Unwrought</b>	<b>9,535</b>	<b>6,905</b>	<b>12,312</b>	<b>13,295</b>	<b>11,414</b>	-14
Aluminium	140	657	1,339	172	230	33
Aluminium alloys	9,395	6,249	10,974	13,123	11,184	-15
<i>Value</i>	<i>586</i>	<i>452</i>	<i>902</i>	<i>1,111</i>	<i>1,136</i>	2
<b>3. Powders &amp; Flakes</b>	<b>12</b>	<b>143</b>	<b>161</b>	<b>8</b>	<b>789</b>	9,354
<i>Value</i>	<i>2</i>	<i>10</i>	<i>12</i>	<i>1</i>	<i>137</i>	15,106
<b>4. Bars, Rods &amp; Profiles</b>	<b>13,949</b>	<b>17,052</b>	<b>22,489</b>	<b>20,587</b>	<b>28,956</b>	41
Aluminium	4,309	10,558	14,301	15,447	24,648	60
Aluminium alloys	9,640	6,494	8,188	5,140	4,308	-16
<i>Value</i>	<i>1,020</i>	<i>1,224</i>	<i>1,746</i>	<i>1,829</i>	<i>3,097</i>	69
<b>5. Wire</b>	<b>167</b>	<b>149</b>	<b>347</b>	<b>47</b>	<b>59</b>	24
Aluminium	121	108	272	0	0	-53
Aluminium alloys	46	41	75	47	59	24
<i>Value</i>	<i>11</i>	<i>11</i>	<i>14</i>	<i>8</i>	<i>10</i>	22
<b>6. Plates, Sheets &amp; Strip (t&gt;0.2mm)</b>	<b>3,871</b>	<b>7,610</b>	<b>9,927</b>	<b>11,714</b>	<b>12,377</b>	6
Aluminium	3,542	6,686	6,736	8,046	8,997	12
Aluminium alloys	329	925	3,191	3,668	3,380	-8
<i>Value</i>	<i>372</i>	<i>664</i>	<i>1,023</i>	<i>1,173</i>	<i>1,421</i>	21
<b>7. Foil (t&lt;=0.2mm)</b>	<b>2,321</b>	<b>2,322</b>	<b>3,524</b>	<b>2,292</b>	<b>2,924</b>	28
Not backed	2,022	1,924	2,611	511	907	77
Backed	299	398	913	1,781	2,017	13
<i>Value</i>	<i>341</i>	<i>346</i>	<i>544</i>	<i>348</i>	<i>494</i>	42
<b>8. Tubes, Pipes &amp; Fittings</b>	<b>1,764</b>	<b>2,325</b>	<b>2,808</b>	<b>3,406</b>	<b>3,799</b>	12
Tubes & Pipes	1,495	1,883	2,352	2,762	3,197	16
Fittings	269	442	456	644	602	-7
<i>Value</i>	<i>458</i>	<i>530</i>	<i>666</i>	<i>943</i>	<i>1,149</i>	22
<b>Total Quantity</b>	<b>46,941</b>	<b>53,996</b>	<b>72,190</b>	<b>72,648</b>	<b>86,628</b>	19
<b>Total Value</b>	<b>3,499</b>	<b>3,973</b>	<b>5,851</b>	<b>6,515</b>	<b>9,307</b>	43

1/ : % Changes as compared with 2005

P : Preliminary



**Table 14 Copper Export Statistics 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Matte &amp; Cement</b>	-	-	-	0	0	124
Value	-	-	-	0	0	33
<b>2. Scrap</b>	22,449	54,920	51,322	58,257 <sup>E3</sup>	60,410	4
Value	1,251	2,181	4,546	7,117	12,364	74
<b>3. Unwrought</b>	181	659	4,596	20,668	54,288	163
Copper	13	18	3,893	19,944	53,214	167
Copper alloys	168	641	703	724	1,074	48
Value	20	52	564	2,684	8,926	233
<b>4. Powders &amp; Flakes</b>	50	60	94	101	169	66
Value	11	14	20	1,246	25	-98
<b>5. Bars, Rods &amp; Profiles</b>	9,812	7,886	10,185	9,958	14,828	49
Copper	9,099	7,046	8,970	9,561	14,544	52
Copper alloys	712	840	1,216	397	284	-29
Value	907	751	1,359	1,727	4,109	138
<b>6. Wire</b>	571	613	889	5,345	1,215	-77
Copper	147	324	560	4,878	544	-89
Copper alloys	424	289	329	467	670	44
Value	163	168	168	303	308	2
<b>7. Plates, Sheets &amp; Strip (t&gt;0.15 mm)</b>	1,812	5,127	6,890	6,818	11,331	66
Copper	1,034	1,418	1,975	1,889	3,909	107
Copper alloys	779	3,709 <sup>E1</sup>	4,915 <sup>E2</sup>	4,929	7,422	51
Value	141	474	1,005	1,066	2,875	170
<b>8. Foil (t&lt;=0.15 mm)</b>	7,862	6,762	7,390	9,212	10,501	14
Not backed	1,443	1,251	1,521	1,884	2,117	12
Backed	6,420	5,511	5,869	7,328	8,384	14
Value	983	834	883	1,799	1,943	8
<b>9. Tubes, Pipes &amp; Fittings</b>	25,189	27,596	31,319	23,056	27,611	20
Tubes & Pipes	21,420	23,251	25,984	18,699	22,986	23
Fittings	3,769	4,346	5,335	4,357	4,625	6
Value	3,678	3,865	5,551	4,800	8,596	79
<b>Total Quantity</b>	<b>67,927</b>	<b>103,622</b>	<b>112,686</b>	<b>133,416</b>	<b>180,353</b>	<b>35</b>
<b>Total Value</b>	<b>7,153</b>	<b>8,341</b>	<b>14,096</b>	<b>20,741</b>	<b>39,146</b>	<b>89</b>

1/ : % Changes as compared with 2005

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 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Pig Iron/DRI/HBI</b>	<b>17,100</b>	<b>19,172</b>	<b>24,006</b>	<b>24,822</b>	<b>99,998</b>	303
<b>Value</b>	<b>373</b>	<b>438</b>	<b>545</b>	<b>525</b>	<b>634</b>	21
<b>2. Ferro-alloys</b>	<b>9</b>	<b>26</b>	<b>21</b>	<b>61</b>	<b>33</b>	-47
Ferro-chromium	-	-	-	23	-	na
Ferro-manganese	-	1	10	0	0	-48
Ferro-silico-manganese	-	-	-	-	-	na
Ferro-silicon	9	25	11	38	32	-15
Other	-	0	-	0	0	153
<b>Value</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>2</b>	-54
<b>3. Scrap</b>	<b>87,122</b>	<b>117,927</b>	<b>154,321</b>	<b>172,693</b>	<b>245,428</b>	42
Carbon Steel	43,870	61,808	87,721	95,802	134,364	40
Cast Iron	131	129	1,554	3,345	4,406	32
Stainless Steel	39,784	51,806	57,703	66,168	72,774	10
Other Alloy Steel	3,337	4,185	7,343	7,378	33,812	358
Other	-	-	-	-	72	100
<b>Value</b>	<b>1,414</b>	<b>2,198</b>	<b>3,303</b>	<b>3,972</b>	<b>5,478</b>	38
<b>4. Semi-Finished Products</b>	<b>1,007</b>	<b>84,442</b>	<b>72,334</b>	<b>39,654</b>	<b>18,471</b>	-53
Billet	18	62,541	54,909	39,245	18,101	-54
Billet & Slab (>= 0.25 C)	-	18,344	15,898	71	8	-89
Ingot	415	48	499	236	300	27
Slab	1	0	-	101	2	-98
Other	573	3,508	1,028	2	61	2,996
<b>Value</b>	<b>10</b>	<b>897</b>	<b>993</b>	<b>555</b>	<b>349</b>	-37
<b>5. Long Products</b>	<b>536,414</b>	<b>568,314</b>	<b>615,732</b>	<b>514,821</b>	<b>625,388</b>	21
Angles, Shapes & Sections	250,743	288,344	285,984	257,993	279,774	8
Bars	57,773	50,274	54,806	40,194	83,394	107
Cold-drawn Bars	131,798	122,918	154,154	91,095	124,257	36
Wire Rods	10,788	6,957	9,345	7,588	8,654	14
Wires	85,312	99,820	111,442	117,952	129,310	10
<b>Value</b>	<b>9,155</b>	<b>10,741</b>	<b>16,348</b>	<b>15,331</b>	<b>17,134</b>	12
<b>6. Hot Rolled Flat Product</b>	<b>236,520</b>	<b>275,923</b>	<b>626,613</b>	<b>775,106</b>	<b>736,422</b>	-5
Coil	216,009	253,549	470,561	460,417	465,745	1
Plate & Sheet	20,403	20,619	153,904	313,812	269,711	-14
Strip	108	1,756	2,148	877	966	10
<b>Value</b>	<b>3,242</b>	<b>3,941</b>	<b>13,742</b>	<b>15,774</b>	<b>15,277</b>	-3

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>7. Cold Rolled Flat Product</b>	<b>534,571</b>	<b>641,576</b>	<b>525,762</b>	<b>376,732</b>	<b>282,145</b>	-25
Coil	428,350	487,786	390,074	276,907	153,797	-44
Plate & Sheet	105,011	151,864	126,878	95,360	126,486	33
Strip	1,211	1,926	8,810	4,464	1,862	-58
<b>Value</b>	<b>10,928</b>	<b>15,677</b>	<b>16,527</b>	<b>15,327</b>	<b>11,537</b>	-25
<b>8. Coated Products</b>	<b>136,062</b>	<b>150,963</b>	<b>141,605</b>	<b>85,694</b>	<b>160,227</b>	87
Chromium Plate	72	49	36	42	204	390
Electro Galvanized	46,470	46,336	44,698	17,571	20,804	18
Hot dip Galvanized	33,451	52,627	52,153	30,560	45,565	49
Tinplate	1,540	1,061	5,668	1,792	3,830	114
Other	19,822	10,112	9,799	11,802	36,130	206
Zincalume/ Color Coated	34,707	40,777	29,251	23,927	53,693	124
<b>Value</b>	<b>3,047</b>	<b>3,965</b>	<b>4,043</b>	<b>3,968</b>	<b>5,212</b>	31
<b>9. Pipes &amp; Fittings</b>	<b>266,659</b>	<b>237,540</b>	<b>287,193</b>	<b>266,299</b>	<b>285,661</b>	7
Fittings	56,613	61,034	68,864	64,754	72,187	11
Seam Pipes	180,354	142,401	177,245	165,642	192,872	16
Seamless Pipes	29,691	34,106	41,085	35,902	20,602	-43
<b>Value</b>	<b>8,498</b>	<b>9,308</b>	<b>12,852</b>	<b>15,359</b>	<b>17,675</b>	15
<b>10. Sheet Piling</b>	<b>14,139</b>	<b>23,749</b>	<b>8,050</b>	<b>22,636</b>	<b>25,770</b>	14
Stainless Steel	0	49	12	48	12	-75
Other Alloy Steel	0	0	-	-	34	100
Other	14,138	23,701	8,038	22,589	25,723	14
<b>Value</b>	<b>171</b>	<b>360</b>	<b>183</b>	<b>527</b>	<b>587</b>	11
<b>11. Rails and Accessories</b>	<b>1,615</b>	<b>1,385</b>	<b>1,171</b>	<b>901</b>	<b>703</b>	-22
<b>Value</b>	<b>77</b>	<b>48</b>	<b>54</b>	<b>45</b>	<b>35</b>	-23
<b>Finished Steel Products Total<sup>2/</sup></b>	<b>1,725,980</b>	<b>1,899,450</b>	<b>2,206,125</b>	<b>2,042,189</b>	<b>2,116,316</b>	4
<b>Finished Steel Products Value<sup>2/</sup></b>	<b>35,118</b>	<b>44,041</b>	<b>63,748</b>	<b>66,330</b>	<b>67,456</b>	2
<b>Total Quantity</b>	<b>1,831,218</b>	<b>2,121,016</b>	<b>2,456,806</b>	<b>2,279,420</b>	<b>2,480,246</b>	9
<b>Total Value</b>	<b>36,915</b>	<b>47,575</b>	<b>68,590</b>	<b>71,387</b>	<b>73,920</b>	4

1/ : % Changes as compared with 2005

2/ : Excludes item 1 - 4

P : Preliminary

**Table 16 Lead Export Statistics 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Scrap</b>	<b>819</b>	<b>687</b>	<b>964</b>	<b>290</b>	<b>271</b>	-6
<i>Value</i>	<i>44</i>	<i>60</i>	<i>84</i>	<i>29</i>	<i>39</i>	32
<b>2. Unwrought</b>	<b>1</b>	<b>144</b>	<b>912</b>	<b>766</b>	<b>2,174</b>	184
Lead	0	24	9	100	893	789
Lead alloys	1	120	903	666	1,281	92
<i>Value</i>	<i>1</i>	<i>4</i>	<i>29</i>	<i>15</i>	<i>113</i>	674
<b>3. Powders &amp; Flakes</b>	<b>0</b>	<b>-</b>	<b>0</b>	<b>0</b>	<b>170</b>	na
<i>Value</i>	<i>0</i>	<i>-</i>	<i>1</i>	<i>0</i>	<i>11</i>	na
<b>4. Bars, Rods, Profiles &amp; Wire</b>	<b>10</b>	<b>15</b>	<b>10</b>	<b>3</b>	<b>0</b>	-90
<i>Value</i>	<i>1</i>	<i>2</i>	<i>2</i>	<i>1</i>	<i>0</i>	-86
<b>5. Plates, Sheets, Strip &amp; Foil</b>	<b>0</b>	<b>8</b>	<b>38</b>	<b>22</b>	<b>33</b>	49
<i>Value</i>	<i>0</i>	<i>1</i>	<i>5</i>	<i>4</i>	<i>4</i>	-16
<b>6. Tubes, Pipes &amp; Fittings</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0</b>	-51
<i>Value</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	84
<b>Total Quantity</b>	<b>830</b>	<b>857</b>	<b>1,926</b>	<b>1,082</b>	<b>2,648</b>	145
<b>Total Value</b>	<b>46</b>	<b>67</b>	<b>121</b>	<b>49</b>	<b>167</b>	238

1/ : % Changes as compared with 2005

P : Preliminary

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

**Table 17 Nickel Export Statistics 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Matte &amp; Sinters</b>	-	-	-	1	2	82
<i>Value</i>	-	-	-	0	1	168
<b>2. Scrap</b>	138	906	1,137	1,216	994	-18
<i>Value</i>	6	82	183	236	258	9
<b>3. Unwrought</b>	0	1	5	7	55	686
Nickel	0	1	5	7	55	686
Nickel alloys	-	-	0	-	-	na
<i>Value</i>	0	0	3	4	31	617
<b>4. Powders &amp; Flakes</b>	-	0	25	46	46	1
<i>Value</i>	-	0	2	5	2	-66
<b>5. Bars, Rods &amp; Profiles</b>	-	0	0	8	0	-100
<i>Value</i>	-	0	0	3	0	-100
<b>6. Wire</b>	0	2	1	2	1	-46
<i>Value</i>	0	1	0	1	0	-73
<b>7. Plates, Sheets &amp; Strip</b>	6	0	6	2	7	277
<i>Value</i>	6	8	13	3	4	15
<b>8. Foil</b>	-	0	1	0	0	-100
<i>Value</i>	-	0	0	0	0	-99
<b>9. Tubes, Pipes &amp; Fittings</b>	-	4	3	-	27	na
<i>Value</i>	-	2	1	-	6	na
<b>Total Quantity</b>	144	912	1,178	1,282	1,132	-12
<b>Total Value</b>	13	92	202	253	301	19

1/ : % Changes as compared with 2005

P : Preliminary

**Table 18 Tin Export Statistics 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Scrap</b>	76	144	207	323	328	2
<i>Value</i>	1	2	4	11	11	5
<b>2. Unwrought</b>	12,758	9,837	13,571	24,927	19,913	-20
Tin	12,661	9,762	13,514	24,855	19,857	-20
Tin alloys	97	75	57	72	55	-23
<i>Value</i>	2,241	1,989	4,681	7,642	6,502	-15
<b>3. Powders &amp; Flakes</b>	-	0	30	57	73	27
<i>Value</i>	-	0	11	22	25	13
<b>4. Bars, Rods, &amp; Profiles</b>	263	628	839	1,760	2,400	36
<i>Value</i>	70	176	307	626	816	30
<b>5. Wire</b>	0	2	1	21	60	189
<i>Value</i>	0	1	0	7	22	201
<b>6. Plates, Sheets &amp; Strip (t&gt;0.2mm)</b>	0	-	2	5	26	402
<i>Value</i>	0	-	0	0	2	410
<b>7. Foil</b>	-	-	1	1	0	-99
<i>Value</i>	-	-	1	0	0	-34
<b>8. Tubes, Pipes &amp; Fittings</b>	0	-	1	-	-	-
<i>Value</i>	0	-	1	-	-	-
<b>9. Other</b>	420	431	444	324	244	-25
<i>Value</i>	222	230	246	237	190	-20
<b>Total Quantity</b>	13,516	11,042	15,097	27,419	23,044	-16
<b>Total Value</b>	2,536	2,398	5,250	8,545	7,568	-11

1/ : % Changes as compared with 2005

P : Preliminary

**Table 19 Zinc Export Statistics 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Scrap</b>	<b>1,077</b>	<b>1,736</b>	<b>2,088</b>	<b>1,123</b>	<b>3,563</b>	217
<i>Value</i>	26	40	53	29	182	532
<b>2. Unwrought</b>	<b>20,334</b>	<b>24,044</b>	<b>17,139</b>	<b>15,628</b>	<b>4,855</b>	-69
Zinc	9,170	7,902	2,819	176	2,468	1,306
Zinc alloys	11,163	16,142	14,321	15,453	2,386	-85
<i>Value</i>	756	897	767	864	704	-19
<b>3. Dust, Powders &amp; Flakes</b>	<b>748</b>	<b>1,172</b>	<b>1,422</b>	<b>1,544</b>	<b>1,576</b>	2
<i>Value</i>	14	16	21	27	85	215
<b>4. Bars, Rods, &amp; Profiles</b>	<b>157</b>	<b>17</b>	<b>23</b>	<b>5</b>	<b>6</b>	16
<i>Value</i>	5	1	1	0	0	-38
<b>5. Wire</b>	<b>21</b>	<b>129</b>	<b>53</b>	<b>22</b>	<b>62</b>	179
<i>Value</i>	0	3	3	1	2	56
<b>6. Plates, Sheets &amp; Strip</b>	<b>6,516</b>	<b>11,277</b>	<b>8,649</b>	<b>12,372</b>	<b>4,812</b>	-61
<i>Value</i>	134	274	215	400	149	-63
<b>7. Foil</b>	-	0	1	0	84	61,738
<i>Value</i>	-	0	0	0	2	3,650
<b>8. Tubes, Pipes &amp; Fittings</b>	<b>422</b>	<b>451</b>	<b>565</b>	<b>419</b>	<b>520</b>	24
<i>Value</i>	49	55	74	72	40	-44
<b>Total Quantity</b>	<b>29,118</b>	<b>38,809</b>	<b>29,940</b>	<b>31,113</b>	<b>15,478</b>	-50
<b>Total Value</b>	<b>980</b>	<b>1,284</b>	<b>1,133</b>	<b>1,394</b>	<b>1,165</b>	-16

1/ : % Changes as compared with 2005

P : Preliminary

**Table 20 Precious Metals Export Statistics 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Silver</b>	<b>1,973</b>	<b>2,227</b>	<b>1,745</b>	<b>1,444</b>	<b>2,885</b>	100
Metal product	1,909	201	209	85	192	125
Jewellery	64	2,027	1,536	1,359	2,693	98
<b>Value</b>	<b>13,904</b>	<b>17,502</b>	<b>20,432</b>	<b>21,061</b>	<b>22,875</b>	9
<b>2. Gold</b>	<b>128</b>	<b>173</b>	<b>101</b>	<b>155</b>	<b>2,441</b>	1,480
Metal product	42 <sup>E</sup>	49	23	32	51	60
Jewellery	86	124	78	123	2,390	1,851
<b>Value</b>	<b>38,771</b>	<b>46,161</b>	<b>37,909</b>	<b>54,679</b>	<b>61,888</b>	13
<b>3. Platinum - Group<sup>2/</sup></b>	<b>6</b>	<b>17</b>	<b>9</b>	<b>16</b>	<b>376</b>	2,282
Metal product	0	0	1	2	2	17
Jewellery	6	17	8	14	374	2,573
Others <sup>3/</sup>	-	0	1	0	0	-38
<b>Value</b>	<b>542</b>	<b>664</b>	<b>657</b>	<b>1,816</b>	<b>1,538</b>	-15
<b>Total Quantity</b>	<b>2,107</b>	<b>2,417</b>	<b>1,855</b>	<b>1,614</b>	<b>5,702</b>	253
<b>Total Value</b>	<b>53,218</b>	<b>64,327</b>	<b>58,998</b>	<b>77,556</b>	<b>86,300</b>	11

1/ : % Changes as compared with 2005

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

3/ : 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 2002 - 2006**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Antimony</b>	123	370	-	171	170	-1
Value	12	34	-	22	33	50
<b>2. Beryllium</b>	-	-	0	-	-	-
Value	-	-	0	-	-	-
<b>3. Bismuth</b>	-	-	0	-	0	na
Value	-	-	1	-	3	na
<b>4. Cadmium</b>	2	1	-	7	4	-43
Value	0	0	-	1	0	-24
<b>5. Chromium</b>	-	0	0	0	0	-44
Value	-	0	0	0	0	-48
<b>6. Cobalt</b>	0	0	-	20	0	-100
Value	1	0	-	2	0	-100
<b>7. Germanium</b>	-	-	0	-	-	-
Value	-	-	0	-	-	-
<b>8. Magnesium</b>	3	30	11	14	6	-56
Unwrought	-	30	11	13	6	-54
Scrap	-	-	0	-	-	-
Other	3	0	-	0	-	-
Value	0	2	1	0	0	-87
<b>9. Manganese</b>	-	-	2,900	-	1	na
Value	-	-	8	-	0	na
<b>10. Molybdenum</b>	0	0	1	5	0	-100
Powders	0	-	-	1	-	na
Wire	-	-	-	-	-	-
Other	-	0	1	4	0	-100
Value	0	1	2	8	0	-100
<b>11. Tantalum</b>	265	108	226	102	168	65
Value	1,976	1,288	2,233	826	1,574	91
<b>12. Titanium</b>	8	4	2	23	26	12
Value	24	16	10	35	24	-32
<b>13. Tungsten</b>	16	21	30	60	240	302
Powders	11	6	3	0	4	3,676
Wire	0	0	1	1	5	584
Other	4	16	26	59	231	292
Value	13	26	61	60	105	76

ITEM	2002	2003	2004	2005	2006 <sup>P</sup>	%Δ <sup>1/</sup>
<b>14. Vanadium</b>	-	-	-	-	-	-
<i>Value</i>	-	-	-	-	-	-
<b>15. Zirconium</b>	-	-	-	0	0	400
<i>Value</i>	-	-	-	0	0	494
<b>16. Other</b>	3	-	0	-	0	na
<i>Value</i>	2	-	0	-	1	na
<b>Total Quantity</b>	420	535	3,170	401	615	53
<b>Total Value</b>	2,028	1,366	2,316	954	1,742	83

1/ : % Changes as compared with 2005

P : Preliminary

***DOMESTIC PRICE***

**Table 22 Metals Domestic Price Statistics 2006**

Unit : Baht/Kg.

ITEM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1. Aluminium</b>	90	110	110	125	130	109	111	108	109	113	115	119	<b>112</b>
<b>2. Antimony</b>	170	165	180	230	230	209	225	233	232	227	227	228	<b>213</b>
<b>3. Brass</b>	130	130	140	150	160	138	150	149	218	212	224	250	<b>171</b>
<b>4. Copper</b>	190	220	220	260	230	296	318	317	314	302	283	274	<b>269</b>
<b>5. Gold<sup>1/</sup></b>	675	682	677	722	800	718	751	741	702	684	712	702	<b>714</b>
<b>6. Lead</b>	53	55	54	53	52	51	52	57	67	69	73	78	<b>60</b>
<b>7. Nickel</b>	700	700	650	750	870	833	1079	1233	1212	1279	1258	1275	<b>987</b>
<b>8. Tin</b>	320	330	350	380	385	325	347	349	367	390	402	439	<b>365</b>
<b>9. Zinc</b>	93	105	95	136	160	137	139	144	146	158	108	183	<b>134</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**

Unit : Baht/Kg.

ITEM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1. Scrap<sup>1/</sup></b>													
<b>2. Round Bars</b> SR.24 Ø 6 mm.	18.46	18.50	19.66	20.54	20.98	21.14	20.76	20.12	20.30	20.56	21.02	20.94	<b>20.25</b>
<b>3. Round Bars</b> SR.24 Ø 12 mm.	17.00	17.08	18.32	19.20	19.64	19.82	19.38	18.58	18.64	18.96	19.40	19.44	<b>18.79</b>
<b>4. Deformed Bars</b> SD.30 Ø 12	16.94	17.60	18.28	19.12	19.58	19.68	19.32	18.46	18.52	18.90	19.44	19.42	<b>18.77</b>
<b>5. Deformed Bars</b> SD.40 Ø 12	17.14	17.26	18.44	19.32	19.78	19.94	19.52	18.68	18.74	19.08	19.70	19.58	<b>18.93</b>
<b>6. Angle ( Size 40x40x4 mm.)</b>	19.57	19.66	21.02	21.50	21.76	21.67	21.84	20.90	20.69	20.78	21.21	21.21	<b>20.98</b>
<b>7. Channel ( Size 75x40 mm</b>	19.67	19.76	21.39	21.51	21.81	22.17	22.17	22.20	21.81	21.81	22.11	22.11	<b>21.54</b>
<b>8. Wires ( No. 18 )</b>	24.20	23.88	25.63	25.38	26.25	26.70	25.40	25.20	25.29	25.92	26.22	25.87	<b>25.50</b>
<b>9. P.C. WIRE</b>	38.83	37.00	37.17	37.17	37.83	37.50	37.50	37.17	37.83	37.83	37.83	37.83	<b>37.62</b>
<b>10. P.C. STRAND</b>	39.50	37.67	37.83	37.83	38.50	38.33	38.33	37.83	38.50	38.50	38.50	38.50	<b>38.32</b>
<b>11. HR coil</b>	18.60	17.38	18.96	21.60	21.74	21.74	21.74	21.35	20.83	20.73	20.88	20.57	<b>20.51</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**

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	2,512	2,459	2,472	2,654	2,702	2,290	<b>2,526</b>

Source : London Metal Exchange (LME)

**Table I-2 Antimony World Price Statistics 1993 - 2006**

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	5,234	5,450	5,359	5,360	5,485	5,500	<b>5,129</b>

Source : MB Free Market

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

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	1.70	1.66	1.41	1.36	1.56	1.85	<b>1.55</b>

Source : MB Free Market

**Table I-4 Copper World Price Statistics 1993 - 2006**

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	7,710	7,694	7,601	7,499	7,028	6,199	<b>6,681</b>

Source : London Metal Exchange (LME)

**Table I-5 Gold World Price Statistics 1993 - 2006**

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	635	632	597	586	627	630	<b>604</b>

Source : London Metal Exchange (LME)

: \*World Gold Council

**Table I-6 Lead World Price Statistics 1993 - 2006**

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	1,052	1,173	1,342	1,531	1,624	1,724	<b>1,289</b>

Source : London Metal Exchange (LME)



**Table I-7 Nickel World Price Statistics 1993 - 2006**

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	26,569	30,728	30,117	32,693	32,100	33,540	<b>24,159</b>

Source : London Metal Exchange (LME)

**Table I-8 Platinum World Price Statistics 1993 - 2006**

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	1,229	1,234	1,184	1,084	1,183	1,117	<b>1,141</b>

Source : London Metal Exchange (LME)

: \*Kitco Inc.

**Table I-9 Palladium World Price Statistics 1993 - 2006**

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	318	329	322	313	325	328	<b>320</b>

Source : London Metal Exchange (LME)

: \*Kitco Inc.

**Table I-10 Silver World Price Statistics 1993 - 2006**

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	11.21	12.25	11.60	11.62	12.98	13.00	<b>11.54</b>

Source : London Metal Exchange (LME)

: \*Kitco Inc.

**Table I-11 Steel World Price Statistics 2006**

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	540	530	530	na	510	na	<b>508</b>
Max	430	431	432	433	500	500	550	550	550	550	520	490	<b>495</b>
<b>Merchant bars</b>													
Min	530	530	530	530	550	570	570	570	570	570	570	570	<b>555</b>
Max	550	550	550	550	565	580	580	580	580	580	580	580	<b>569</b>
<b>Wire rod</b>													
Min	na	na	na	na	460	510	520	520	520	520	490	490	<b>504</b>
Max	460	460	460	460	520	520	530	530	530	530	510	510	<b>502</b>
<b>CR coil</b>													
Min	600	600	600	600	600	na	na	720	668	660	610	610	<b>627</b>
Max	620	620	620	620	720	720	740	740	678	670	620	620	<b>666</b>
<b>HR coil</b>													
Min	520	520	520	520	520	na	610	600	558	550	520	510	<b>541</b>
Max	530	530	530	530	620	620	640	610	568	560	540	530	<b>567</b>
<b>Galvanized coil</b>													
Min	na	na	na	na	750	800	800	800	800	800	800	800	<b>794</b>
Max	750	751	752	753	860	860	860	860	860	860	860	860	<b>824</b>
<b>China</b>													
<b>Billet</b>													
Min	na	318	348	355	395	395	383	365	373	375	394	400	<b>373</b>
Max	na	329	360	365	405	405	395	376	383	385	404	410	<b>383</b>
<b>CR coil</b>													
Min	na	480	480	480	480	533	532	534	540	551	561	565	<b>521</b>
Max	na	490	490	490	490	563	547	541	545	563	574	574	<b>533</b>
<b>HR coil</b>													
Min	na	378	443	455	490	557	534	485	464	460	460	460	<b>471</b>
Max	na	398	453	465	520	567	552	505	490	484	480	480	<b>490</b>

	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	510	440	440	440	440	440	429
Max	400	408	416	410	500	500	540	490	480	470	460	460	461
<b>HR coil</b>													
Min	400	403	410	415	460	460	606	600	560	552	480	480	486
Max	420	425	440	450	480	480	650	618	595	590	500	500	512
<b>CR coil</b>													
Min	500	500	500	510	na	na	706	688	650	638	580	580	585
Max	540	540	540	550	560	560	750	714	685	667	600	600	609
<b>Galvanized coil</b>													
Min	580	580	580	580	580	580	800	800	800	780	750	na	674
Max	600	600	600	600	600	600	1,000	875	850	830	800	750	725
<b>CIS*</b>													
<b>Slab</b>													
Min	285	285	285	285	369	460	500	500	455	420	420	410	390
Max	340	340	340	340	405	480	520	520	473	430	430	450	422
<b>Billet</b>													
Min	310	306	331	350	371	403	406	391	400	416	411	400	375
Max	330	326	345	360	383	417	418	400	409	424	419	408	387
<b>Rebars</b>													
Min	358	365	384	400	415	440	438	433	445	470	463	446	421
Max	375	380	401	420	426	452	452	445	465	490	483	456	437
<b>Wire rods</b>													
Min	365	365	380	400	415	445	442	440	460	470	456	440	423
Max	375	375	398	420	428	455	464	460	473	475	463	450	436
<b>CR coil</b>													
Min	455	468	493	500	570	590	620	605	545	552	560	560	543
Max	500	524	535	535	630	640	640	630	585	592	600	600	584
<b>HR coil</b>													
Min	343	363	405	420	505	550	590	575	478	472	480	480	472
Max	393	420	455	470	549	570	620	605	523	522	530	530	516
<b>Brussel</b>													
<b>Merchant bars</b>													
Min	420	420	425	430	464	463	507	515	515	519	518	493	474
Max	440	440	445	450	483	483	519	525	525	529	529	503	489
<b>Wire rod</b>													
Min	400	400	405	410	443	450	488	490	490	498	498	473	454
Max	420	420	423	425	460	468	508	510	510	518	515	489	472

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>CR coil</b>													
Min	530	530	548	560	568	580	617	625	625	629	623	620	<b>588</b>
Max	550	550	568	580	588	600	628	635	635	647	643	633	<b>605</b>
<b>ECSC**</b>													
<b>Merchant bars</b>													
Min	na	480	493	580	580	580	550	555	560	584	611	600	<b>561</b>
Max	na	500	513	600	600	600	575	583	590	606	628	620	<b>583</b>
<b>Wire rod</b>													
Min	425	420	461	490	490	500	496	518	545	549	545	490	<b>494</b>
Max	435	440	479	500	500	520	512	525	550	574	572	510	<b>510</b>
<b>HR coil</b>													
Min	360	360	390	430	430	430	464	565	580	na	na	na	<b>445</b>
Max	410	410	455	500	500	500	518	608	620	na	na	na	<b>502</b>
<b>CR coil</b>													
Min	490	490	515	520	520	520	564	580	na	na	na	na	<b>525</b>
Max	540	540	555	560	560	560	604	620	na	na	na	na	<b>567</b>
<b>Galvanized coil</b>													
Min	550	550	575	610	610	610	634	650	na	na	na	na	<b>599</b>
Max	570	570	600	650	650	650	680	700	na	na	na	na	<b>634</b>
<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	3,000	3,150	3,725	3,980	4,250	4,200	<b>3,089</b>
Max	2,250	2,325	2,500	2,525	2,900	3,200	3,200	3,250	3,913	4,130	4,500	4,400	<b>3,258</b>

Source : Metal Bulletin

\* : Commonwealth of Independent States

\*\* : European Coal and Steel Community

**Table I-12 Tin World Price Statistics 1993 - 2006**

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	8,410	8,492	9,031	9,759	10,070	11,615	<b>8,812</b>

Source : London Metal Exchange (LME)

**Table I-13 Zinc World Price Statistics 1993 - 2006**

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	3,339	3,346	3,402	3,822	4,381	4,258	<b>3,262</b>

Source : London Metal Exchange (LME)