

**Statistics Report**  
**BPI 8/2006**

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**THAILAND**  
**METAL STATISTICS YEAR 2005**

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

**Director General- Department of Primary Industries and Mines**

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## **PREFACE**

The publication of metal statistics entitled "Thailand Metal Statistics Year 2005" 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 2003-2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	Quantities			Value <sup>E</sup>		
	2003	2004	2005	2003	2004	2005
<b>1. Antimony</b>	12	2	460	1	0	64
<b>2. Lead</b>	45,300	57,500	61,100	930	2,010	2,385
<b>3. Steel<sup>1/</sup></b>	10,236	12,185		186,500	267,800	230,887
<b>4. Tantalum Powder</b>	168	317	150	2,190	4,120	1,215
<b>5. Tin</b>	15,400	20,800	31,600	3,100	6,780	9,323
<b>6. Zinc</b>	116,400	115,500	104,500	3,850	4,620	5,773
<b>7. Gold and Silver</b>	16.8	15.2	18.5	2,184	2,342	2,940
- Gold	4.3	4.5	4.4	2,077	2,250	2,807
- Silver	12.5	10.7	14.1	107	92	133
<b>8. Copper</b>	-	5,800	15,800	-	725	2,324

1/ : Unit in 1,000 Tonnes

E : Estimate



***PRODUCTION***

**Table 2 Nonferrous Production Statistics 2001 - 2005**

Unit : Metric Tonnes

ITEM	2001	2002	2003	2004	2005	%Δ <sup>1/</sup>
1. Antimony	12	0	12	2	460	22,900
2. Lead	30,000	42,900	45,300	57,500	61,100	6
3. Tantalum Powder	150	102	168	317	150	-53
4. Tin	22,900	18,600	15,400	20,800	31,600	52
5. Zinc	104,300	104,800	116,400	115,500	104,500	-10
6. Gold and Silver	1.5	23.0	16.8	15.2	18.5	22
- Gold	0.3	4.9	4.3	4.5	4.4	-2
- Silver	1.2	18.0	12.5	10.7	14.1	32
7. Copper	-	-	-	5,800	15,800	-

1/ : % Changes as compared with 2004

**Table 3 Steel Production Statistics 2001 - 2005**

Unit : 1,000 Tonnes

ITEM	2001	2002	2003	2004	2005	%Δ <sup>1/</sup>
1. Semi-finished Products	1,711	2,008	2,472	4,144	4,232	2
2. Long Products <sup>E1</sup>	2,500	3,343	3,534	4,907	4,578	-7
3. Flat Products	3,358	4,617	5,246	5,783	5,757	0
Hot-Rolled Coils	1,895	2,952	3,321	3,840	4,434	15
Hot-Rolled Plates						
Cold-Rolled Coils	1,464	1,665	1,925	1,943	1,323	-32
4. Others Products <sup>2/</sup>	46	46	24	17	26	53
5. Coated Steel	825	944	997	1,042	850	-18
Tinplates	212	244	274	335	228	-32
Tin Free Steel	104	109	137	137	129	-6
Galvanized Sheets	326	444	468	440	311	-29
Zincalume, Colorbond, ShutterEx and Paint	183	147	119	129	182	41
6. Pipes & Tubes <sup>E2</sup>	510	511	435	436	406	-7
Steel Products Total <sup>3/</sup>	7,240	9,461	10,236	12,185	11,617	-5

1/ : % Changes as compared with 2004

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 2001 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Scrap</b>	13,126	17,602	22,364	31,177	31,784	2
<i>Value</i>	699	890	1,158	1,768	1,893	7
<b>2. Unwrought</b>	234,692	259,324	330,317	392,748	386,924	-1
Aluminium	125,858	124,554	144,159	184,760 <sup>E</sup>	165,084	-11
Aluminium alloys	108,834	134,769	186,158	207,988	221,841	7
<i>Value</i>	17,122	16,343	20,128	28,092	30,586	9
<b>3. Powders &amp; Flakes</b>	580	671	864	1,021	434	-58
<i>Value</i>	64	62	78	75	92	21
<b>4. Bars, Rods &amp; Profiles</b>	3,416	2,615	4,278	4,141	5,905	43
Aluminium	1,609	432	641	650	527	-19
Aluminium alloys	1,807	2,184	3,638	3,490	5,378	54
<i>Value</i>	431	359	575	680	970	43
<b>5. Wire</b>	2,528	2,741	2,634	3,258	2,685	-18
Aluminium	231	205	308	225	175	-22
Aluminium alloys	2,297	2,536	2,326	3,033	2,510	-17
<i>Value</i>	356	314	311	366	339	-7
<b>6. Plates, Sheets &amp; Strip (t&gt;0.2mm)</b>	56,166	61,025	70,755	80,949	47,690	-41
Aluminium	7,124	7,612	7,930	9,670	9,356	-3
Aluminium alloys	49,042	53,413	62,825	71,278	38,333	-46
<i>Value</i>	6,689	6,805	7,804	9,354	5,809	-38
<b>7. Foil (t&lt;=0.2mm)</b>	20,407	21,686	26,571	33,275	13,517	-59
Not backed	16,457	17,574	22,278	28,054	9,086	-68
Backed	3,950	4,112	4,293	5,221	4,431	-15
<i>Value</i>	3,683	3,693	4,290	5,493	2,057	-63
<b>8. Tubes, Pipes &amp; Fittings</b>	1,866	2,160	2,391	3,091	6,142	99
Tubes & Pipes	1,746	1,843	2,191	2,839	5,781	104
Fittings	120	317	200	251	361	44
<i>Value</i>	786	742	890	1,102	1,875	70
<b>Total Quantity</b>	332,781	367,824	460,174	549,659	495,081	-10
<b>Total Value</b>	29,830	29,209	35,234	46,929	43,621	-7

1/ : % Changes as compared with 2004

P : Preliminary

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

**Table 5 Copper Import Statistics 2001 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Matte &amp; Cement</b>	15	176	1	1	1	53
<i>Value</i>	3	3	0	0	0	62
<b>2. Scrap</b>	4,210	4,245	4,757	6,560	5,015	-24
<i>Value</i>	287	208	360	608	602	-1
<b>3. Unwrought</b>	175,331	195,465	217,016	282,313	246,279	-13
Copper	166,795	186,633	205,187	229,840	235,715	3
Copper alloys	8,535	8,832	11,829	52,473	10,564	-80
<i>Value</i>	13,693	14,153	16,243	27,838	35,596	28
<b>4. Powders &amp; Flakes</b>	450	559	587	721	1,242	72
<i>Value</i>	80	101	118	167	1,655	892
<b>5. Bars, Rods &amp; Profiles</b>	4,074	6,202	7,705	7,733	11,227	45
Copper	407	671	934	946	2,219	134
Copper alloys	3,666	5,530	6,771	6,786	9,008	33
<i>Value</i>	513	692	888	1,255	1,664	33
<b>6. Wire</b>	26,680	36,362	45,421	52,436	39,097	-25
Copper	23,140	31,792	41,128	49,166	35,934	-27
Copper alloys	3,540	4,570	4,293	3,270	3,163	-3
<i>Value</i>	2,632	2,837	4,171	6,838	6,431	-6
<b>7. Plates, Sheets &amp; Strip (t&gt;0.15 mm)</b>	18,170	26,365	28,732	34,939	35,374	1
Copper	5,828	8,058	8,594	11,217	11,836	6
Copper alloys	12,342	18,308	20,139	23,722	23,539	-1
<i>Value</i>	3,968	3,956	4,585	7,027	8,048	15
<b>8. Foil (t&lt;=0.15 mm)</b>	12,102	14,154	14,517	15,844	13,215	-17
Not backed	6,111	5,870	6,725	7,519	8,012	7
Backed	5,991	8,284	7,791	8,325	5,203	-38
<i>Value</i>	2,826	2,881	3,524	4,159	4,461	7
<b>9. Tubes, Pipes &amp; Fittings</b>	10,585	9,619	11,578	13,778	14,943	8
Tubes & Pipes	10,190	9,365	11,172	13,268	13,898	5
Fittings	396	254	406	510	1,046	105
<i>Value</i>	1,863	1,649	1,953	2,698	3,293	22
<b>Total Quantity</b>	251,616	293,148	330,314	414,323	366,394	-12
<b>Total Value</b>	25,865	26,481	31,844	50,590	61,750	22

1/ : % Changes as compared with 2004

P : Preliminary

**Table 6 Iron and Steel Import Statistics 2001 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<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>	5
<i>Value</i>	<i>987</i>	<i>1,586</i>	<i>3,216</i>	<i>8,204</i>	<i>11,740</i>	43
<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>	-5
Ferro-chromium	4,218	5,471	8,628	11,031	15,616	42
Ferro-manganese	6,593	7,221	8,070	12,209	9,597	-21
Ferro-silicon	17,291	18,223	26,423	26,240	24,142	-8
Ferro-silicon-manganese	19,040	22,047	27,511	32,602	27,748	-15
Other	1,043	1,495	1,385	2,307	2,873	25
<i>Value</i>	<i>1,231</i>	<i>1,326</i>	<i>1,834</i>	<i>3,494</i>	<i>3,191</i>	-9
<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>	-9
Carbon Steel	636,004	945,155	1,220,880	1,696,333	1,451,420	-14
Cast Iron	65	197	13,463	78,531	194,201	147
Stainless Steel	343	4,038	3,970	4,650	3,646	-22
Other Alloy Steel	52,280	28,090	41,562	70,009	33,624	-52
Other	7,821	75	15	263	152	-42
<i>Value</i>	<i>4,675</i>	<i>6,697</i>	<i>9,926</i>	<i>21,383</i>	<i>19,527</i>	-9
<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>	14
Billet	1,044,638	1,759,849	1,619,441	2,151,221	1,825,237	-15
Billet & Slab (>= 0.25 C)	180,475	250,427	313,445	470,573	366,324	-22
Ingot	255	719	2,009	732	475	-35
Slab	1,492,175	2,939,626	2,173,120	2,317,763	3,475,634	50
Other	74,250	63,649	58,083	72,022	42,277	-41
<i>Value</i>	<i>22,476</i>	<i>41,979</i>	<i>46,177</i>	<i>79,227</i>	<i>95,353</i>	20
<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>	40
Angles, Shapes & Sections	35,110	14,027	20,262	12,991	21,695	67
Bars	183,006	239,440	268,056	334,562	400,010	20
Cold-drawn Bars	21,048	21,152	39,203	43,618	51,840	19
Wire Rods	329,709	473,352	443,191	448,759	715,663	59
Wires	54,215	74,101	72,364	90,450	112,141	24
<i>Value</i>	<i>16,703</i>	<i>18,528</i>	<i>20,353</i>	<i>27,549</i>	<i>21,695</i>	-21
<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>	8
Coil	2,176,596	2,281,682	2,565,333	2,466,459	2,597,199	5
Plate & Sheet	189,975	138,958	418,366	210,669	173,881	-17
Strip	6,212	5,422	6,463	41,856	169,533	305
<i>Value</i>	<i>32,991</i>	<i>34,386</i>	<i>45,038</i>	<i>60,749</i>	<i>84,206</i>	39

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<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>	16
Coil	448,546	323,506	463,986	521,280	551,868	6
Plate & Sheet	233,397	224,822	165,722	168,302	233,430	39
Strip	34,174	38,119	37,041	49,032	72,149	47
<b>Value</b>	<b>18,056</b>	<b>15,216</b>	<b>18,828</b>	<b>24,553</b>	<b>34,134</b>	39
<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>	34
Chromium Plate	14,385	39,916	30,752	33,492	30,832	-8
Electro Galvanized	129,088	145,435	131,125	131,444	151,667	15
Hot dip Galvanized	302,374	360,630	462,214	555,110	865,591	56
Tinplate	62,592	111,640	84,085	99,193	75,319	-24
Other	47,679	23,887	55,054	132,604	201,851	52
Zincalume/ Color Coated	-	203,911	132,497	134,583	133,951	0
<b>Value</b>	<b>14,163</b>	<b>18,025</b>	<b>21,529</b>	<b>31,689</b>	<b>51,360</b>	62
<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>	52
Fittings	10,365	12,376	15,444	17,132	22,187	30
Seam Pipes	62,376	50,478	55,786	104,856	114,549	9
Seamless Pipes	73,293	99,644	161,434	207,157 <sup>E</sup>	363,715	76
<b>Value</b>	<b>7,921</b>	<b>7,976</b>	<b>11,305</b>	<b>18,301</b>	<b>29,663</b>	62
<b>10. Sheet Piling</b>	<b>1,339</b>	<b>2,104</b>	<b>1,191</b>	<b>714</b>	<b>150</b>	-79
Stainless Steel	0	-	0	-	0	-
Other Alloy Steel	-	-	0	-	-	-
Other	1,339	2,104	1,191	714	149	-79
<b>Value</b>	<b>28</b>	<b>29</b>	<b>19</b>	<b>14</b>	<b>6</b>	-58
<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>	64
<b>Value</b>	<b>927</b>	<b>751</b>	<b>434</b>	<b>266</b>	<b>712</b>	167
<b>Finished Steel Products Total<sup>2/</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>	22
<b>Finished Steel Products Value<sup>2/</sup></b>	<b>90,789</b>	<b>94,912</b>	<b>117,505</b>	<b>163,121</b>	<b>221,775</b>	36
<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>	13
<b>Total Value</b>	<b>120,158</b>	<b>146,501</b>	<b>178,659</b>	<b>275,429</b>	<b>351,586</b>	28

1/ : % Changes as compared with 2004

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 2001 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Scrap</b>	142	41	45	29	3	-89
<i>Value</i>	3	0	1	3	2	-43
<b>2. Unwrought</b>	57,466	68,797	84,598	81,244	74,918	-8
Lead	41,513	59,918	76,951	75,086	66,554	-11
Lead alloys	15,953	8,879	7,647	6,159	8,364	36
<i>Value</i>	1,306	1,465	1,892	3,194	3,275	3
<b>3. Powders &amp; Flakes</b>	6	3	0	7	94	1,182
<i>Value</i>	3	1	0	7	5	-27
<b>4. Bars, Rods, Profiles &amp; Wire</b>	590	634	408	483	364	-25
<i>Value</i>	137	133	83	167	160	-4
<b>5. Plates, Sheets, Strip &amp; Foil</b>	137	110	69	114	92	-19
<i>Value</i>	28	23	13	25	18	-29
<b>6. Tubes, Pipes &amp; Fittings</b>	1	5	12	6	0	-93
<i>Value</i>	0	1	1	1	0	-87
<b>Total Quantity</b>	58,341	69,590	85,132	81,884	75,471	-8
<b>Total Value</b>	1,477	1,623	1,990	3,398	3,460	2

1/ : % Changes as compared with 2004

P : Preliminary



**Table 8 Nickel Import Statistics 2001 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Matte &amp; Sinters</b>	-	0	1	0	8,717	17,433,362
<i>Value</i>	-	0	0	0	206	#####
<b>2. Scrap</b>	39	11	60	64	89	38
<i>Value</i>	11	4	21	39	47	23
<b>3. Unwrought</b>	1,411	1,721	1,903	2,478	2,822	14
Nickel	1,359	1,693	1,861	2,425	2,756	14
Nickel alloys	52	28	41	53	66	25
<i>Value</i>	459	519	718	1,437	1,743	21
<b>4. Powders &amp; Flakes</b>	64	87	79	125	154	24
<i>Value</i>	51	56	56	101	107	6
<b>5. Bars, Rods &amp; Profiles</b>	126	8	9	22	22	2
<i>Value</i>	19	10	12	22	28	23
<b>6. Wire</b>	236	156	259	162	216	33
<i>Value</i>	111	74	121	101	155	53
<b>7. Plates, Sheets &amp; Strip</b>	45	284	113	101	133	32
<i>Value</i>	27	35	29	49	116	138
<b>8. Foil</b>	8	1	1	0	1	47
<i>Value</i>	3	9	2	1	3	365
<b>9. Tubes, Pipes &amp; Fittings</b>	14	9	21	62	73	18
<i>Value</i>	58	11	32	33	62	90
<b>Total Quantity</b>	1,943	2,278	2,445	3,013	12,227	306
<b>Total Value</b>	739	718	991	1,782	2,466	38

1/ : % Changes as compared with 2004

P : Preliminary

**Table 9 Tin Import Statistics 2001 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Scrap</b>	-	-	-	10	-	-
<i>Value</i>	-	-	-	1	-	-
<b>2. Unwrought</b>	199	544	1,933	9,950	17,377	75
Tin	20	182	1,414	9,684	17,142	77
Tin alloys	179	362	518	266	235	-12
<i>Value</i>	41	125	444	3,393	5,139	51
<b>3. Powders &amp; Flakes</b>	5	3	6	2	6	243
<i>Value</i>	2	1	2	1	3	209
<b>4. Bars, Rods, &amp; Profiles</b>	-	91	130	215	219	2
<i>Value</i>	-	14	63	144	161	11
<b>5. Wire</b>	147	206	147	132	125	-6
<i>Value</i>	13	22	18	12	18	49
<b>6. Plates, Sheets &amp; Strip (t&gt;0.2mm)</b>	188	26	8	17	194	1017
<i>Value</i>	9	4	4	11	28	156
<b>7. Foil</b>	71	6	1	1	10	693
<i>Value</i>	4	1	1	0	1	161
<b>8. Tubes, Pipes &amp; Fittings</b>	-	-	-	-	-	-
<i>Value</i>	-	-	-	-	-	-
<b>9. Other</b>	19	7	15	37	32	-16
<i>Value</i>	9	8	16	40	33	-18
<b>Total Quantity</b>	629	885	2,240	10,365	17,962	73
<b>Total Value</b>	78	175	550	3,603	5,383	49

1/ : % Changes as compared with 2004

P : Preliminary

**Table 10 Zinc Import Statistics 2001 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Scrap</b>	4	-	-	58	65	12
<i>Value</i>	0	-	-	1	3	344
<b>2. Unwrought</b>	24,049	35,980	34,029	42,702	33,053	-23
Zinc	15,698	24,477	20,944	31,577	23,407	-26
Zinc alloys	8,351	11,503	13,085	11,125	9,646	-13
<i>Value</i>	1,131	1,285	1,220	2,004	1,895	-5
<b>3. Dust, Powders &amp; Flakes</b>	894	949	1,566	1,678	2,197	31
<i>Value</i>	67	61	91	112	164	47
<b>4. Bars, Rods, &amp; Profiles</b>	132	232	170	221	34	-85
<i>Value</i>	9	15	18	76	13	-83
<b>5. Wire</b>	510	579	741	854	810	-5
<i>Value</i>	43	41	54	67	69	4
<b>6. Plates, Sheets &amp; Strip</b>	54	120	130	666	1283	93
<i>Value</i>	8	18	17	58	58	0
<b>7. Foil</b>	-	3	0	3	120	3551
<i>Value</i>	-	1	0	2	4	131
<b>8. Tubes, Pipes &amp; Fittings</b>	11	3	12	7	3	-61
<i>Value</i>	1	1	1	2	2	-17
<b>Total Quantity</b>	25,654	37,867	36,648	46,189	37,566	-19
<b>Total Value</b>	1,259	1,422	1,401	2,321	2,207	-5

1/ : % Changes as compared with 2004

P : Preliminary

**Table 11 Precious Metals Import Statistics 2001 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Silver</b>	<b>1,015</b>	<b>926</b>	<b>1,752</b>	<b>2,060</b>	<b>2,384</b>	16
Metal product	852	896	1,520	1,960 <sup>E</sup>	1,817	-7
Jewellery	164	30	232	100	568	466
<b>Value</b>	<b>4,800</b>	<b>5,069</b>	<b>8,717</b>	<b>12,937</b>	<b>14,118</b>	9
<b>2. Gold</b>	<b>297</b>	<b>147</b>	<b>158</b>	<b>156</b>	<b>154</b>	-2
Metal product	283	137	145	142	144	1
Jewellery	14	11	12	14	10	-31
<b>Value</b>	<b>40,000</b>	<b>38,120</b>	<b>34,320</b>	<b>51,320</b>	<b>84,978</b>	66
<b>3. Platinum - Group<sup>2/</sup></b>	<b>20</b>	<b>5</b>	<b>8</b>	<b>25</b>	<b>44</b>	73
Metal product	7	1	1	1	1	47
Jewellery	13	3	7	16	36	132
Others <sup>3/</sup>	0	1	0	9	7	-25
<b>Value</b>	<b>1,146</b>	<b>900</b>	<b>1,043</b>	<b>1,200</b>	<b>1,393</b>	16
<b>Total Quantity</b>	<b>1,332</b>	<b>1,078</b>	<b>1,918</b>	<b>2,242</b>	<b>2,583</b>	15
<b>Total Value</b>	<b>45,946</b>	<b>44,089</b>	<b>44,080</b>	<b>65,457</b>	<b>100,489</b>	54

1/ : % Changes as compared with 2004

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 2001 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Antimony</b>	443	370	501	755	318	-87
<i>Value</i>	20	20	49	86	44	-85
<b>2. Beryllium</b>	0	6	1	1	2	84
<i>Value</i>	1	3	1	2	2	-19
<b>3. Bismuth</b>	11	14	13	18	14	-32
<i>Value</i>	6	6	7	10	23	181
<b>4. Cadmium</b>	0	0	0	0	0	-37
<i>Value</i>	0	0	1	0	0	-3
<b>5. Chromium</b>	19	21	23	31	31	0
<i>Value</i>	12	23	16	28	47	115
<b>6. Cobalt</b>	100	83	118	123	175	44
<i>Value</i>	121	68	111	232	292	53
<b>7. Germanium</b>	-	0	0	0	0	1,050
<i>Value</i>	-	0	1	1	6	826
<b>8. Magnesium</b>	521	786	941	1,354	1,351	0
Unwrought	431	638	696	938	790	-21
Scrap	42	118	169	372	526	91
Other	49	30	76	44	35	-12
<i>Value</i>	46	65	78	126	116	-14
<b>9. Manganese</b>	190	185	216	234	679	206
<i>Value</i>	18	13	16	17	53	223
<b>10. Molybdenum</b>	17	14	40	48	51	7
Powders	3	2	2	2	12	419
Wire	6	5	5	9	4	-78
Other	8	7	33	37	35	-8
<i>Value</i>	64	69	184	159	236	42
<b>11. Tantalum</b>	23	27	41	83	68	-37
<i>Value</i>	674	634	826	1,229	1,177	-6
<b>12. Titanium</b>	129	190	110	104	237	121
<i>Value</i>	688	301	182	371	602	127
<b>13. Tungsten</b>	80	97	120	148	198	42
Powders	33	41	50	63	93	60
Wire	22	25	23	28	39	49
Other	26	32	47	57	66	19
<i>Value</i>	166	195	280	382	552	61

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>14. Vanadium</b>	0	0	0	0	0	303
<i>Value</i>	0	0	0	0	0	462
<b>15. Zirconium</b>	100	169	89	143	249	118
<i>Value</i>	8	15	10	12	24	122
<b>16. Other</b>	5	5	0	0	20	9,564
<i>Value</i>	7	6	2	2	10	470
<b>Total Quantity</b>	1,638	1,967	2,214	3,043	3,392	16
<b>Total Value</b>	1,831	1,417	1,764	2,657	3,183	30

1/ : % Changes as compared with 2004

P : Preliminary

***EXPORT***

**Table 13 Aluminium Export Statistics 2001 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Scrap</b>	13,389	15,321	17,489	20,623	21,298	3
<i>Value</i>	658	708	735	944	1,103	17
<b>2. Unwrought</b>	5,139	9,535	6,905	12,312	13,295	8
Aluminium	168	140	657	1,339	172	-87
Aluminium alloys	4,971	9,395	6,249	10,974	13,123	20
<i>Value</i>	333	586	452	902	1,111	23
<b>3. Powders &amp; Flakes</b>	4	12	143	161	8	-95
<i>Value</i>	1	2	10	12	1	-92
<b>4. Bars, Rods &amp; Profiles</b>	13,124	13,949	17,052	22,489	20,587	-8
Aluminium	5,026	4,309	10,558	14,301	15,447	8
Aluminium alloys	8,098	9,640	6,494	8,188	5,140	-37
<i>Value</i>	1,085	1,020	1,224	1,746	1,829	5
<b>5. Wire</b>	494	167	149	347	47	-86
Aluminium	357	121	108	272	0	-100
Aluminium alloys	138	46	41	75	47	-37
<i>Value</i>	53	11	11	14	8	-43
<b>6. Plates, Sheets &amp; Strip (t&gt;0.2mm)</b>	4,642	3,871	7,610	9,927	11,714	18
Aluminium	3,723	3,542	6,686	6,736	8,046	19
Aluminium alloys	919	329	925	3,191	3,668	15
<i>Value</i>	551	372	664	1,023	1,173	15
<b>7. Foil (t&lt;=0.2mm)</b>	1,354	2,321	2,322	3,524	2,292	-35
Not backed	1,041	2,022	1,924	2,611	511	-80
Backed	313	299	398	913	1,781	95
<i>Value</i>	282	341	346	544	348	-36
<b>8. Tubes, Pipes &amp; Fittings</b>	1,190	1,764	2,325	2,808	3,406	21
Tubes & Pipes	1,030	1,495	1,883	2,352	2,762	17
Fittings	159	269	442	456	644	41
<i>Value</i>	327	458	530	666	943	42
<b>Total Quantity</b>	39,336	46,941	53,996	72,190	72,648	1
<b>Total Value</b>	3,289	3,499	3,973	5,851	6,515	11

1/ : % Changes as compared with 2004

P : Preliminary



**Table 14 Copper Export Statistics 2001 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Matte &amp; Cement</b>	37	-	-	-	0	-
Value	3	-	-	-	0	-
<b>2. Scrap</b>	26,942	22,449	54,920	51,322	58,257 <sup>E3</sup>	452
Value	1,121	1,251	2,181	4,546	7,117	57
<b>3. Unwrought</b>	394	181	659	4,596	20,668	350
Copper	5	13	18	3,893	19,944	412
Copper alloys	389	168	641	703	724	3
Value	29	20	52	564	2,684	376
<b>4. Powders &amp; Flakes</b>	35	50	60	94	101	8
Value	9	11	14	20	1,246	6,052
<b>5. Bars, Rods &amp; Profiles</b>	10,806	9,812	7,886	10,185	9,958	-2
Copper	10,420	9,099	7,046	8,970	9,561	7
Copper alloys	387	712	840	1,216	397	-67
Value	1,163	907	751	1,359	1,727	27
<b>6. Wire</b>	2,243	571	613	889	5,345	501
Copper	1,797	147	324	560	4,878	771
Copper alloys	446	424	289	329	467	42
Value	273	163	168	168	303	80
<b>7. Plates, Sheets &amp; Strip (t&gt;0.15 mm)</b>	898	1,812	5,127	6,890	6,818	-1
Copper	380	1,034	1,418	1,975	1,889	-4
Copper alloys	519	779	3,709 <sup>E1</sup>	4,915 <sup>E2</sup>	4,929	33
Value	105	141	474	1,005	1,066	6
<b>8. Foil (t=&lt;0.15 mm)</b>	6,944	7,862	6,762	7,390	9,212	25
Not backed	1,736	1,443	1,251	1,521	1,884	24
Backed	5,208	6,420	5,511	5,869	7,328	25
Value	1,117	983	834	883	1,799	104
<b>9. Tubes, Pipes &amp; Fittings</b>	21,779	25,189	27,596	31,319	23,056	-26
Tubes & Pipes	18,348	21,420	23,251	25,984	18,699	-28
Fittings	3,431	3,769	4,346	5,335	4,357	-18
Value	3,176	3,678	3,865	5,551	4,800	-14
<b>Total Quantity</b>	70,078	67,927	103,622	112,686	133,416	18
<b>Total Value</b>	6,995	7,153	8,341	14,096	20,741	47

1/ : % Changes as compared with 2004

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 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<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>	3
<i>Value</i>	<i>362</i>	<i>373</i>	<i>438</i>	<i>545</i>	<i>525</i>	-4
<b>2. Ferro-alloys</b>	<b>121</b>	<b>9</b>	<b>26</b>	<b>21</b>	<b>61</b>	190
Ferro-chromium	-	-	-	-	23	-
Ferro-manganese	1	-	1	10	0	-43
Ferro-silico-manganese	-	-	-	-	-	-
Ferro-silicon	121	9	25	11	38	51
Other	0	-	0	-	0	-75
<i>Value</i>	<i>2</i>	<i>1</i>	<i>2</i>	<i>1</i>	<i>5</i>	299
<b>3. Scrap</b>	<b>102,465</b>	<b>87,122</b>	<b>117,927</b>	<b>154,321</b>	<b>172,693</b>	12
Carbon Steel	56,332	43,870	61,808	87,721	95,802	9
Cast Iron	51	131	129	1,554	3,345	115
Stainless Steel	35,569	39,784	51,806	57,703	66,168	15
Other Alloy Steel	3,470	3,337	4,185	7,343	7,378	0
Other	7,043	-	-	-	-	-
<i>Value</i>	<i>1,116</i>	<i>1,414</i>	<i>2,198</i>	<i>3,303</i>	<i>3,972</i>	20
<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>	-45
Billet	5,478	18	62,541	54,909	39,245	-29
Billet & Slab (>= 0.25 C)	0	-	18,344	15,898	71	-100
Ingot	14	415	48	499	236	-53
Slab	41	1	0	-	101	-
Other	4,290	573	3,508	1,028	2	-100
<i>Value</i>	<i>91</i>	<i>10</i>	<i>897</i>	<i>993</i>	<i>555</i>	-44
<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>	-16
Angles, Shapes & Sections	261,759	250,743	288,344	285,984	257,993	-10
Bars	261,230	57,773	50,274	54,806	40,194	-27
Cold-drawn Bars	119,574	131,798	122,918	154,154	91,095	-41
Wire Rods	13,855	10,788	6,957	9,345	7,588	-19
Wires	76,409	85,312	99,820	111,442	117,952	6
<i>Value</i>	<i>8,403</i>	<i>9,155</i>	<i>10,741</i>	<i>16,348</i>	<i>15,331</i>	-6
<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>	24
Coil	50,605	216,009	253,549	470,561	460,417	-2
Plate & Sheet	28,833	20,403	20,619	153,904	313,812	104
Strip	388	108	1,756	2,148	877	-59
<i>Value</i>	<i>822</i>	<i>3,242</i>	<i>3,941</i>	<i>13,742</i>	<i>15,774</i>	15

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<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>	-28
Coil	473,250	428,350	487,786	390,074	276,907	-29
Plate & Sheet	19,377	105,011	151,864	126,878	95,360	-25
Strip	1,859	1,211	1,926	8,810	4,464	-49
<b>Value</b>	<b>9,793</b>	<b>10,928</b>	<b>15,677</b>	<b>16,527</b>	<b>15,327</b>	-7
<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>	-39
Chromium Plate	288	72	49	36	42	17
Electro Galvanized	27,864	46,470	46,336	44,698	17,571	-61
Hot dip Galvanized	38,714	33,451	52,627	52,153	30,560	-41
Tinplate	14,071	1,540	1,061	5,668	1,792	-68
Other	41,485	19,822	10,112	9,799	11,802	20
Zincalume/ Color Coated	-	34,707	40,777	29,251	23,927	-18
<b>Value</b>	<b>2,373</b>	<b>3,047</b>	<b>3,965</b>	<b>4,043</b>	<b>3,968</b>	-2
<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>	-7
Fittings	54,151	56,613	61,034	68,864	64,754	-6
Seam Pipes	201,940	180,354	142,401	177,245	165,642	-7
Seamless Pipes	27,921	29,691	34,106	41,085	35,902	-13
<b>Value</b>	<b>8,732</b>	<b>8,498</b>	<b>9,308</b>	<b>12,852</b>	<b>15,359</b>	20
<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>	181
Stainless Steel	58	0	49	12	48	288
Other Alloy Steel	0	0	0	-	-	-
Other	13,269	14,138	23,701	8,038	22,589	181
<b>Value</b>	<b>166</b>	<b>171</b>	<b>360</b>	<b>183</b>	<b>527</b>	189
<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>	-23
<b>Value</b>	<b>50</b>	<b>77</b>	<b>48</b>	<b>54</b>	<b>45</b>	-16
<b>Finished Steel Products Total<sup>2/</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>	-7
<b>Finished Steel Products Value<sup>2/</sup></b>	<b>30,339</b>	<b>35,118</b>	<b>44,041</b>	<b>63,748</b>	<b>66,330</b>	4
<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>	-7
<b>Total Value</b>	<b>31,910</b>	<b>36,915</b>	<b>47,575</b>	<b>68,590</b>	<b>71,387</b>	4

1/ : % Changes as compared with 2004

2/ : Excludes item 1 - 4

P : Preliminary

**Table 16 Lead Export Statistics 2001 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Scrap</b>	761	819	687	964	290	-70
<i>Value</i>	47	44	60	84	29	-65
<b>2. Unwrought</b>	54	1	144	912	766	-16
Lead	12 <sup>E</sup>	0	24	9	100	1,031
Lead alloys	42	1	120	903	666	-26
<i>Value</i>	1	1	4	29	15	-50
<b>3. Powders &amp; Flakes</b>	0	0	-	0	0	-85
<i>Value</i>	0	0	-	1	0	-100
<b>4. Bars, Rods, Profiles &amp; Wire</b>	3	10	15	10	3	-65
<i>Value</i>	1	1	2	2	1	-26
<b>5. Plates, Sheets, Strip &amp; Foil</b>	6	0	8	38	22	-42
<i>Value</i>	0	0	1	5	4	-20
<b>6. Tubes, Pipes &amp; Fittings</b>	9	0	2	2	1	-73
<i>Value</i>	1	0	0	0	0	-48
<b>Total Quantity</b>	834	830	857	1,926	1,082	-44
<b>Total Value</b>	51	46	67	121	49	-59

1/ : % Changes as compared with 2004

P : Preliminary

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

**Table 17 Nickel Export Statistics 2001 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Matte &amp; Sinters</b>	-	-	-	-	1	-
<i>Value</i>	-	-	-	-	0	-
<b>2. Scrap</b>	148	138	906	1,137	1,216	7
<i>Value</i>	5	6	82	183	236	29
<b>3. Unwrought</b>	23	0	1	5	7	38
Nickel	23	0	1	5	7	40
Nickel alloys	-	-	-	0	-	-
<i>Value</i>	7	0	0	3	4	37
<b>4. Powders &amp; Flakes</b>	1	-	0	25	46	85
<i>Value</i>	0	-	0	2	5	221
<b>5. Bars, Rods &amp; Profiles</b>	-	-	0	0	8	7,838
<i>Value</i>	-	-	0	0	3	2,448
<b>6. Wire</b>	15	0	2	1	2	56
<i>Value</i>	5	0	1	0	1	214
<b>7. Plates, Sheets &amp; Strip</b>	13	6	0	6	2	-73
<i>Value</i>	4	6	8	13	3	-73
<b>8. Foil</b>	-	-	0	1	0	-66
<i>Value</i>	-	-	0	0	0	-73
<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	9
<b>Total Value</b>	21	13	92	202	253	25

1/ : % Changes as compared with 2004

P : Preliminary

**Table 18 Tin Export Statistics 2001 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Scrap</b>	168	76	144	207	323	56
<i>Value</i>	2	1	2	4	11	170
<b>2. Unwrought</b>	18,945	12,758	9,837	13,571	24,927	84
Tin	18,714	12,661	9,762	13,514	24,855	84
Tin alloys	231	97	75	57	72	27
<i>Value</i>	3,649	2,241	1,989	4,681	7,642	63
<b>3. Powders &amp; Flakes</b>	-	-	0	30	57	91
<i>Value</i>	-	-	0	11	22	104
<b>4. Bars, Rods, &amp; Profiles</b>	40	263	628	839	1,760	110
<i>Value</i>	9	70	176	307	626	104
<b>5. Wire</b>	8	0	2	1	21	1,475
<i>Value</i>	0	0	1	0	7	3184
<b>6. Plates, Sheets &amp; Strip (t&gt;0.2mm)</b>	40	0	-	2	5	185
<i>Value</i>	4	0	-	0	0	1421
<b>7. Foil</b>	0	-	-	1	1	33
<i>Value</i>	0	-	-	1	0	-44
<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	-27
<i>Value</i>	240	222	230	246	237	-3
<b>Total Quantity</b>	19,755	13,516	11,042	15,097	27,419	82
<b>Total Value</b>	3,904	2,536	2,398	5,250	8,545	63

1/ : % Changes as compared with 2004

P : Preliminary

**Table 19 Zinc Export Statistics 2001 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Scrap</b>	510	1,077	1,736	2,088	1,123	-46
<i>Value</i>	8	26	40	53	29	-46
<b>2. Unwrought</b>	66,191	20,334	24,044	17,139	15,628	-9
Zinc	60,369	9,170	7,902	2,819	176	-94
Zinc alloys	5,823	11,163	16,142	14,321	15,453	8
<i>Value</i>	1,124	756	897	767	864	13
<b>3. Dust, Powders &amp; Flakes</b>	96	748	1,172	1,422	1,544	9
<i>Value</i>	3	14	16	21	27	31
<b>4. Bars, Rods, &amp; Profiles</b>	17	157	17	23	5	-79
<i>Value</i>	1	5	1	1	0	-96
<b>5. Wire</b>	29	21	129	53	22	-58
<i>Value</i>	1	0	3	3	1	-56
<b>6. Plates, Sheets &amp; Strip</b>	3,973	6,516	11,277	8,649	12,372	43
<i>Value</i>	95	134	274	215	400	86
<b>7. Foil</b>	0	-	0	1	0	-
<i>Value</i>	0	-	0	0	0	-
<b>8. Tubes, Pipes &amp; Fittings</b>	601	422	451	565	419	-26
<i>Value</i>	74	49	55	74	72	-2
<b>Total Quantity</b>	71,401	29,118	38,809	29,940	31,113	4
<b>Total Value</b>	1,305	980	1,284	1,133	1,394	23

1/ : % Changes as compared with 2004

P : Preliminary

**Table 20 Precious Metals Export Statistics 2001 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Silver</b>	<b>2,427</b>	<b>1,973</b>	<b>2,227</b>	<b>1,745</b>	<b>1,444</b>	-17
Metal product	2,418	1,909	201	209	85	-59
Jewellery	9	64	2,027	1,536	1,359	-12
<b>Value</b>	<b>12,287</b>	<b>13,904</b>	<b>17,502</b>	<b>20,432</b>	<b>21,061</b>	3
<b>2. Gold</b>	<b>259</b>	<b>128</b>	<b>173</b>	<b>101</b>	<b>155</b>	54
Metal product	5	42 <sup>E</sup>	49	23	32	40
Jewellery	254	86	124	78	123	58
<b>Value</b>	<b>31,143</b>	<b>38,771</b>	<b>46,161</b>	<b>37,909</b>	<b>54,679</b>	44
<b>3. Platinum - Group<sup>2/</sup></b>	<b>15</b>	<b>6</b>	<b>17</b>	<b>9</b>	<b>16</b>	75
Metal product	0	0	0	1	2	195
Jewellery	14	6	17	8	14	78
Others <sup>3/</sup>	0	-	0	1	0	-89
<b>Value</b>	<b>1,566</b>	<b>542</b>	<b>664</b>	<b>657</b>	<b>1,816</b>	177
<b>Total Quantity</b>	<b>2,701</b>	<b>2,107</b>	<b>2,417</b>	<b>1,855</b>	<b>1,614</b>	-13
<b>Total Value</b>	<b>44,996</b>	<b>53,218</b>	<b>64,327</b>	<b>58,998</b>	<b>77,556</b>	31

1/ : % Changes as compared with 2004

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 2001 - 2005**

Unit : Metric Tonnes

Value : Million Baht

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>1. Antimony</b>	130	123	370	-	171	-
<i>Value</i>	6	12	34	-	22	-
<b>2. Beryllium</b>	-	-	-	0	-	-
<i>Value</i>	-	-	-	0	-	-
<b>3. Bismuth</b>	-	-	-	0	-	-
<i>Value</i>	-	-	-	1	-	-
<b>4. Cadmium</b>	-	2	1	-	7	-
<i>Value</i>	-	0	0	-	1	-
<b>5. Chromium</b>	-	-	0	0	0	123
<i>Value</i>	-	-	0	0	0	120
<b>6. Cobalt</b>	0	0	0	-	20	-
<i>Value</i>	0	1	0	-	2	-
<b>7. Germanium</b>	-	-	-	0	-	-
<i>Value</i>	-	-	-	0	-	-
<b>8. Magnesium</b>	35	3	30	11	14	29
Unwrought	-	-	30	11	13	25
Scrap	20	-	-	0	-	-
Other	15	3	0	-	0	-
<i>Value</i>	3	0	2	1	0	-35
<b>9. Manganese</b>	-	-	-	2,900	-	-
<i>Value</i>	-	-	-	8	-	-
<b>10. Molybdenum</b>	0	0	0	1	5	793
Powders	-	0	-	-	1	-
Wire	-	-	-	-	-	-
Other	0	-	0	1	4	656
<i>Value</i>	0	0	1	2	8	235
<b>11. Tantalum</b>	81	265	108	226	102	-55
<i>Value</i>	1,550	1,976	1,288	2,233	826	-63
<b>12. Titanium</b>	3	8	4	2	23	995
<i>Value</i>	9	24	16	10	35	254
<b>13. Tungsten</b>	6	16	21	30	60	101
Powders	1	11	6	3	0	-97
Wire	0	0	0	1	1	-18
Other	4	4	16	26	59	128
<i>Value</i>	4	13	26	61	60	-2

ITEM	2001	2002	2003	2004	2005 <sup>P</sup>	%Δ <sup>1/</sup>
<b>14. Vanadium</b>	-	-	-	-	-	-
<i>Value</i>	-	-	-	-	-	-
<b>15. Zirconium</b>	1	-	-	-	0	-
<i>Value</i>	0	-	-	-	0	-
<b>16. Other</b>	-	3	-	0	-	-
<i>Value</i>	-	2	-	0	-	-
<b>Total Quantity</b>	255	420	535	3,170	401	-87
<b>Total Value</b>	1,573	2,028	1,366	2,316	954	-59

1/ : % Changes as compared with 2004

P : Preliminary

***DOMESTIC PRICE***

**Table 22 Metals Domestic Price Statistics 2005**

Unit : Baht/Kg.

ITEM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1. Aluminium</b>	85	85	87	85	85	85	86	85	85	87	90	90	<b>86</b>
<b>2. Antimony</b>	135	130	130	130	138	145	155	150	160	175	170	160	<b>148</b>
<b>3. Brass</b>	95	95	95	100	100	100	100	100	110	120	120	135	<b>106</b>
<b>4. Copper</b>	140	150	170	150	160	160	160	170	180	180	190	190	<b>167</b>
<b>5. Gold<sup>1/</sup></b>	513	507	520	524	521	541	547	558	578	597	604	646	<b>555</b>
<b>6. Lead</b>	42	42	44	44	44	45	44	44	42	45	47	48	<b>44</b>
<b>7. Nickel</b>	600	650	650	640	650	650	670	670	700	700	650	650	<b>657</b>
<b>8. Tin</b>	350	330	360	350	360	360	330	340	330	310	300	330	<b>338</b>
<b>9. Zinc</b>	60	62	65	65	63	65	66	62	65	75	78	85	<b>68</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 2005**

Unit : Baht/Kg.

ITEM	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1. Scrap<sup>1/</sup></b>	9.03	10.10	10.42	10.94	10.65	9.98	9.61	9.34	7.48	na	na	na	<b>9.73</b>
<b>2. Round Bars</b> SR.24 Ø 6 mm.	21.55	21.46	21.76	21.68	20.94	18.78	19.02	18.86	19.62	19.54	19.12	18.90	<b>20.41</b>
<b>3. Round Bars</b> SR.24 Ø 12 mm.	19.86	19.82	20.02	20.26	19.56	17.26	17.70	17.54	18.24	18.04	17.68	17.50	<b>18.92</b>
<b>4. Deformed Bars</b> SD.30 Ø 12	19.84	19.78	19.80	19.94	19.32	17.12	17.58	17.58	18.16	18.04	17.58	17.42	<b>18.79</b>
<b>5. Deformed Bars</b> SD.40 Ø 12	19.98	19.94	20.00	20.12	19.52	17.28	17.74	17.74	18.34	18.24	17.76	17.62	<b>18.96</b>
<b>6. Angle ( Size 40x40x4 mm.)</b>	23.28	23.10	22.98	23.07	22.52	21.03	20.79	20.14	20.88	20.91	20.29	20.64	<b>21.98</b>
<b>7. Channel ( Size 75x40 mm</b>	21.60	21.60	21.25	21.25	20.89	19.76	19.66	19.19	19.99	19.99	19.19	19.04	<b>20.58</b>
<b>8. Wires ( No. 18 )</b>	29.33	29.33	29.33	29.33	29.33	28.67	28.33	28.33	28.67	27.83	25.33	25.00	<b>28.96</b>
<b>9. P.C. WIRE</b>	38.00	38.00	41.33	41.50	40.17	40.17	40.17	40.00	40.00	40.17	39.17	39.17	<b>39.93</b>
<b>10. P.C. STRAND</b>	38.50	38.50	42.00	42.17	41.00	41.00	41.00	40.83	40.83	41.83	40.00	40.00	<b>40.65</b>
<b>11. HR coil</b>	24.47	24.47	24.47	24.47	24.89	24.25	22.39	21.81	21.81	20.43	20.32	18.91	<b>23.67</b>

Source: 1/ Entrepreneur

: Bureau of Trade and Economic Indicies

# ***APPENDIX I***

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

**Table I-1 Aluminium World Price Statistics 1992 - 2005**

Unit : US\$/Metric Ton

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1992</b>	1,178	1,267	1,281	1,316	1,307	1,276	1,311	1,305	1,268	1,174	1,159	1,204	<b>1,254</b>
<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>

Source : London Metal Exchange (LME)

**Table I-2 Antimony World Price Statistics 1992 - 2005**

Unit : US\$/Metric Ton

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1992</b>	1,728	1,720	1,721	1,741	1,750	1,748	1,749	1,748	1,738	1,731	1,737	1,706	<b>1,735</b>
<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>

Source : MB Free Market

**Table I-3 Cadmium (99.99%) World Price Statistics 1992 - 2005**

Unit : US\$/Pound

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1992</b>	1.84	1.56	1.39	1.35	1.24	1.02	1.05	1.01	0.96	0.90	0.84	0.67	<b>1.15</b>
<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>

Source : MB Free Market

**Table I-4 Copper World Price Statistics 1992 - 2005**

Unit : US\$/Metric Ton

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1992</b>	2,140	2,206	2,228	2,218	2,217	2,300	2,519	2,520	2,417	2,255	2,159	2,210	<b>2,282</b>
<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>

Source : London Metal Exchange (LME)

**Table I-5 Gold World Price Statistics 1992 - 2005**

Unit : US\$/Troy Oz.

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1992</b>	354	354	345	339	337	341	352	344	345	344	335	335	<b>344</b>
<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>

Source : London Metal Exchange (LME)

: \*World Gold Council

**Table I-6 Lead World Price Statistics 1992 - 2005**

Unit : US\$/Metric Ton

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1992</b>	515	505	521	533	522	548	622	654	621	538	461	456	<b>541</b>
<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>

Source : London Metal Exchange (LME)



**Table I-7 Nickel World Price Statistics 1992 - 2005**

Unit : US\$/Metric Ton

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1992</b>	7,520	7,865	7,420	7,423	7,325	7,195	7,489	7,271	6,899	6,281	5,567	5,721	<b>6,998</b>
<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>

Source : London Metal Exchange (LME)

**Table I-8 Platinum World Price Statistics 1992 - 2005**

Unit : US\$/Troy Oz.

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1992</b>	341	362	357	348	358	369	383	360	362	358	356	362	<b>360</b>
<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>

Source : London Metal Exchange (LME)

: \*Kitco Inc.

**Table I-9 Palladium World Price Statistics 1992 - 2005**

Unit : US\$/Troy Oz.

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1992</b>	83	86	84	84	83	81	87	86	91	95	95	107	<b>89</b>
<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>

Source : London Metal Exchange (LME)

: \*Kitco Inc.

**Table I-10 Silver World Price Statistics 1992 - 2005**

Unit : US\$/Troy Oz.

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1992</b>	4.12	4.15	4.11	4.05	4.07	4.06	3.97	3.82	3.77	3.75	3.77	3.73	<b>3.95</b>
<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>

Source : London Metal Exchange (LME)

: \*Kitco Inc.

**Table I-11 Steel World Price Statistics 2005**

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	450	na	na	na	400	390	na	398	400	420	420	na	411
Max	460	450	450	430	440	400	390	410	410	430	430	430	428
<b>Merchant bars</b>													
Min	587	580	580	560	530	510	500	500	500	520	528	530	535
Max	607	600	600	580	550	530	520	520	520	540	548	550	555
<b>Wire rod</b>													
Min	497	490	490	470	435	430	410	410	410	430	430	na	446
Max	507	500	500	490	455	450	430	430	430	450	458	460	463
<b>CR coil</b>													
Min	na	710	700	na	600	580	na	540	540	600	600	600	608
Max	720	720	710	700	700	600	560	553	550	620	620	620	639
<b>HR coil</b>													
Min	620	613	600	na	500	450	na	430	na	510	518	520	529
Max	640	633	620	600	600	500	430	450	450	520	528	530	542
<b>Galvanized coil</b>													
Min	790	797	800	800	715	617	610	608	600	na	na	na	704
Max	800	807	810	810	725	627	620	618	610	750	751	752	723
<b>China</b>													
<b>Slab</b>													
Min	540	550	533	480	480	na	na	na	na	na	na	na	517
Max	550	600	583	530	530	na	na	na	na	na	na	na	559
<b>Billet</b>													
Min	360	380	380	380	380	na	na	na	na	na	na	na	376
Max	380	390	390	390	390	na	na	na	na	na	na	na	388
<b>CR coil</b>													
Min	730	730	730	730	730	600	600	600	600	600	na	na	665
Max	770	750	760	770	770	620	620	620	620	620	na	na	692
<b>HR coil</b>													
Min	690	643	620	615	615	450	450	450	450	450	na	na	543
Max	700	653	630	630	630	460	460	460	460	460	na	na	554

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>Latin America</b>													
<b>Wire rods</b>													
Min	410	400	410	410	410	403	390	370	370	370	373	370	<b>391</b>
Max	427	420	420	420	420	413	400	380	380	380	383	380	<b>402</b>
<b>HR coil</b>													
Min	577	570	570	570	545	473	420	410	410	400	380	380	<b>475</b>
Max	600	600	600	590	558	497	450	430	430	420	400	400	<b>498</b>
<b>CR coil</b>													
Min	670	683	690	687	660	555	510	500	500	475	476	475	<b>573</b>
Max	700	707	718	697	675	580	530	520	520	510	500	500	<b>596</b>
<b>Galvanized coil</b>													
Min	740	740	740	730	700	600	na	na	na	na	na	na	<b>708</b>
Max	800	800	800	777	730	700	600	600	600	580	580	580	<b>679</b>
<b>CIS*</b>													
<b>Slab</b>													
Min	475	475	479	467	410	387	300	285	270	285	285	285	<b>367</b>
Max	498	490	503	487	430	420	320	320	na	320	310	310	<b>401</b>
<b>Billet</b>													
Min	330	355	356	360	330	293	295	310	333	333	320	320	<b>328</b>
Max	353	365	366	370	340	310	304	318	340	342	335	335	<b>340</b>
<b>Rebars</b>													
Min	400	410	413	420	385	370	320	340	360	372	355	355	<b>375</b>
Max	410	420	423	430	404	387	340	355	370	380	370	370	<b>388</b>
<b>Wire rods</b>													
Min	420	420	420	420	399	383	340	355	370	375	365	365	<b>386</b>
Max	440	440	440	440	419	400	360	370	380	387	375	375	<b>402</b>
<b>CR coil</b>													
Min	570	570	593	607	580	557	453	468	485	490	475	460	<b>526</b>
Max	663	650	673	680	640	605	473	485	500	510	495	480	<b>571</b>
<b>HR coil</b>													
Min	480	485	507	512	480	440	373	378	385	390	375	360	<b>430</b>
Max	587	580	590	567	510	462	383	390	400	415	403	390	<b>473</b>
<b>Brussel</b>													
<b>Merchant bars</b>													
Min	457	450	450	447	440	433	418	410	410	410	418	420	<b>430</b>
Max	477	470	470	467	460	453	438	430	430	430	438	440	<b>450</b>
<b>Wire rod</b>													
Min	477	480	480	470	450	440	413	400	400	400	400	400	<b>434</b>
Max	503	500	500	490	470	457	424	414	413	415	419	420	<b>452</b>

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>CR coil</b>													
Min	657	700	700	693	680	660	603	545	540	550	535	530	<b>616</b>
Max	677	760	740	725	700	680	623	569	563	575	556	550	<b>643</b>
<b>ECSC**</b>													
<b>Merchant bars</b>													
Min	na	na	na	na	na	na	na	na	na	na	na	na	<b>na</b>
Max	na	na	na	na	na	na	na	na	na	na	na	na	<b>na</b>
<b>Wire rod</b>													
Min	480	470	460	447	420	420	420	420	420	420	420	420	<b>435</b>
Max	510	480	470	457	430	430	430	430	430	430	430	430	<b>446</b>
<b>HR coil</b>													
Min	573	570	570	570	520	447	388	374	360	360	360	360	<b>454</b>
Max	602	600	600	600	550	480	435	420	410	410	410	410	<b>494</b>
<b>CR coil</b>													
Min	667	660	660	660	610	517	495	490	490	490	490	490	<b>560</b>
Max	698	695	695	695	695	607	559	540	540	540	540	540	<b>612</b>
<b>Galvanized coil</b>													
Min	667	650	650	650	600	560	560	560	550	550	550	550	<b>591</b>
Max	710	700	699	700	650	600	589	580	570	570	570	570	<b>626</b>

Source : Metal Bulletin

\* : Commonwealth of Independent States

\*\* : European Coal and Steel Community

**Table I-12 Tin World Price Statistics 1992 - 2005**

Unit : US\$/Metric Ton

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1992</b>	5,477	5,616	5,632	5,839	6,109	6,619	7,001	6,780	6,627	5,998	5,736	5,754	<b>6,099</b>
<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>

Source : London Metal Exchange (LME)

**Table I-13 Zinc World Price Statistics 1992 - 2005**

Unit : US\$/Metric Ton

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<b>1992</b>	1,154	1,131	1,215	1,305	1,368	1,386	1,314	1,361	1,363	1,172	1,047	1,058	<b>1,240</b>
<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>

Source : London Metal Exchange (LME)