

# LEAD AND ZINC STATISTICS

Monthly bulletin  
of the International  
Lead and Zinc  
Study Group

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**Symbols employed**

-	nil
0	above zero but less than half of unit employed
...	not available
Figures in italics denote estimates	
Tonnes - metric tons	

N.B. In some cases figures may not add up to totals due to rounding.

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**Signes conventionnels**

-	nul
0	au-dessus de zéro, mais inférieur à la moitié de l'unité employée
...	données non disponibles
Les chiffres en italique sont estimés	
Tonnes - tonnes métriques	

N.B. Certaines données sont arrondies et cela peut résulter en une différence entre les chiffres et leur totalisation.

## ZINC

## ZINC

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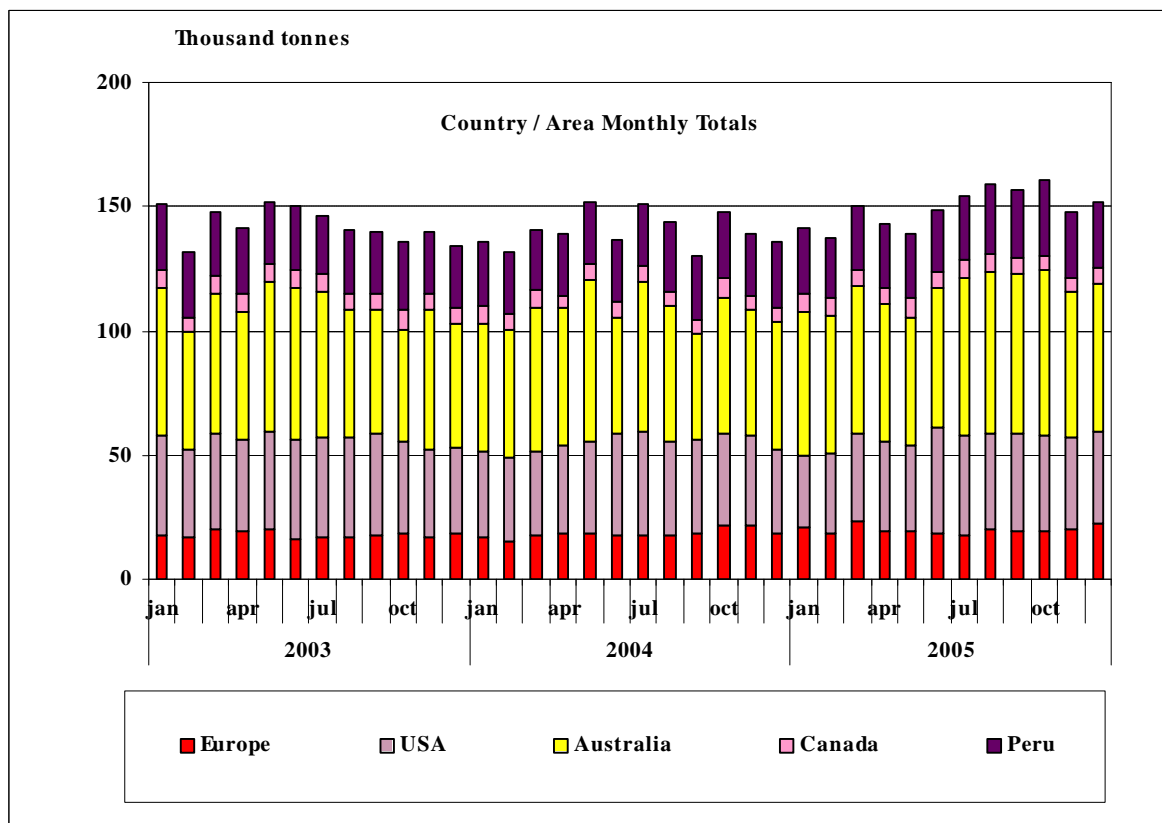
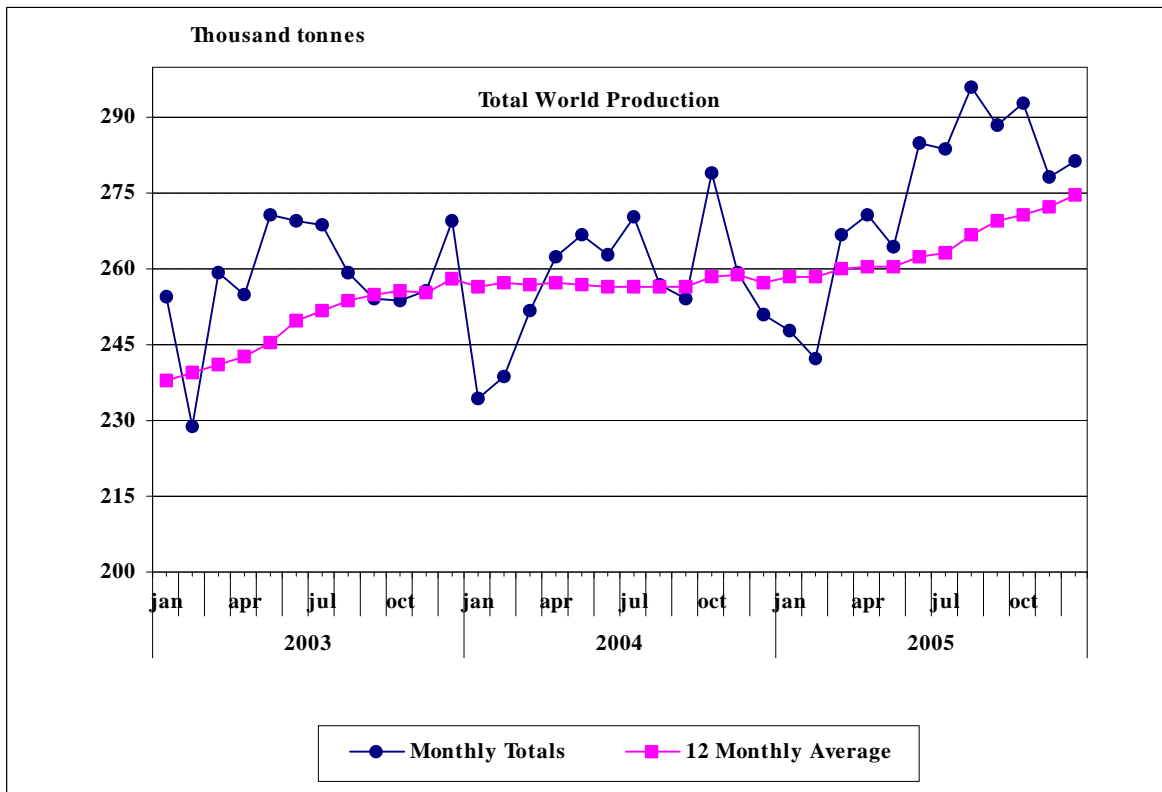
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**The Harmonized Code Trade Definitions applied in the Bulletin are:**

Lead concentrate	2607 000	Refined zinc (>=99.99%)	7901 110
Zinc concentrate	2608 000	Refined zinc (>=99.95% but <99.99%)	7901 121
Refined lead	7801 100	Refined zinc (>=98.5% but <99.95%)	7901 123
Antimonial lead alloy	7801 910	Refined zinc (<98.5% but not alloyed)	7901 129

**Lead: Mine Production**  
 Plomb: Production minière



**Lead: Mine Production \***

Plomb: Production minière \*

Thousand tonnes (Lead content)

	<b>Annual Totals:</b>				<b>Year to Date:</b>		<b>Monthly Totals:</b>					
	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2004</b>	<b>2005</b>	<b>2005</b>					
					<b>Jan-Dec</b>		<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<b>Europe</b>	<b>324</b>	<b>248</b>	<b>216</b>	<b>219</b>	<b>219</b>	<b>240</b>	<b>17.6</b>	<b>20.2</b>	<b>19.3</b>	<b>19.0</b>	<b>20.3</b>	<b>22.5</b>
Bulgaria	16	24	17	13	13	10	0.5	0.5	0.5	0.5	0.5	0.7
Greece	27	29	2	-	-	5	-	1.0	1.0	1.0	1.0	1.0
Ireland	45	32	50	65	65	65	4.8	5.8	4.9	5.8	5.8	6.6
Italy	4	4	5	6	6	6	0.5	0.4	0.4	0.4	0.4	0.4
Macedonia	20	15	5	-	-	-	-	-	-	-	-	-
Poland	53	57	42	40	40	38	3.2	3.2	3.2	3.2	3.2	3.2
Romania	17	18	16	17	17	17	1.4	1.4	1.4	1.4	1.4	1.4
Russian Federation	14	19	24	23	23	37	3.0	3.0	3.0	3.0	3.0	3.0
Serbia & Montenegro	5	-	-	1	1	2	0.2	0.2	0.2	0.2	0.2	0.2
Spain	36	6	2	-	-	-	-	-	-	-	-	-
Sweden	88	44	51	55	55	61	4.0	4.7	4.7	3.5	4.8	6.0
United Kingdom	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Africa</b>	<b>150</b>	<b>130</b>	<b>102</b>	<b>117</b>	<b>117</b>	<b>131</b>	<b>11.4</b>	<b>12.3</b>	<b>11.8</b>	<b>9.6</b>	<b>11.1</b>	<b>10.1</b>
Algeria	1	1	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Morocco	77	62	41	59	59	64	5.2	5.2	5.2	5.2	5.2	5.3
Namibia	13	12	16	14	14	14	1.3	2.2	1.7	-	1.5	0.6
South Africa	51	50	40	37	37	42	3.7	3.7	3.7	3.7	3.7	3.5
Tunisia	7	6	6	6	6	12	1.2	1.2	1.2	0.7	0.7	0.7
<b>America</b>	<b>1,092</b>	<b>1,022</b>	<b>1,033</b>	<b>1,007</b>	<b>1,007</b>	<b>1,030</b>	<b>91.1</b>	<b>89.7</b>	<b>89.7</b>	<b>93.2</b>	<b>83.6</b>	<b>84.5</b>
Argentina	12	12	12	10	10	10	0.8	0.8	0.8	0.8	0.8	0.8
Bolivia	9	10	10	10	10	10	0.8	0.8	0.8	0.8	0.8	0.8
Brazil	9	10	11	14	14	12	1.0	1.0	1.0	1.0	1.0	1.0
Canada	154	97	81	77	77	79	6.8	7.1	6.2	5.7	5.5	6.7
Chile	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Honduras	7	8	9	9	9	10	0.9	0.9	1.0	0.8	0.8	0.8
Mexico	149	139	144	142	142	153	14.0	12.0	13.1	15.0	11.5	11.5
Peru	289	297	308	306	306	318	26.4	28.3	27.8	30.5	26.3	26.0
United States	463	449	458	439	439	438	40.3	38.8	39.0	38.7	36.9	36.9
<b>Asia</b>	<b>728</b>	<b>772</b>	<b>1,100</b>	<b>1,102</b>	<b>1,102</b>	<b>1,183</b>	<b>100.3</b>	<b>109.3</b>	<b>103.1</b>	<b>104.7</b>	<b>104.7</b>	<b>104.8</b>
China	599	641	955	951	951	1,018	86.5	95.7	89.4	91.0	91.0	91.0
India	32	34	44	51	51	61	5.1	5.1	5.1	5.1	5.1	5.1
Iran	18	17	16	16	16	16	1.3	1.3	1.3	1.3	1.3	1.3
Japan	5	6	6	6	6	3	0.4	0.2	0.3	0.3	0.3	0.4
Kazakhstan	43	43	44	44	44	50	4.2	4.2	4.2	4.2	4.2	4.2
Korea DPR	9	10	20	20	20	20	1.7	1.7	1.7	1.7	1.7	1.7
Korea Rep	1	-	-	-	-	-	-	-	-	-	-	-
Myanmar	1	2	2	2	2	2	0.2	0.2	0.2	0.2	0.2	0.2
Thailand	0	3	-	-	-	-	-	-	-	-	-	-
Turkey	18	17	14	12	12	12	1.0	1.0	1.0	1.0	1.0	1.0
Other CIS	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Oceania</b>	<b>714</b>	<b>658</b>	<b>648</b>	<b>642</b>	<b>642</b>	<b>714</b>	<b>63.5</b>	<b>64.5</b>	<b>64.8</b>	<b>66.5</b>	<b>58.5</b>	<b>59.4</b>
Australia	714	658	648	642	642	714	63.5	64.5	64.8	66.5	58.5	59.4
<b>World Total</b>	<b>3008</b>	<b>2831</b>	<b>3099</b>	<b>3087</b>	<b>3087</b>	<b>3298</b>	<b>283.9</b>	<b>296.0</b>	<b>288.7</b>	<b>293.1</b>	<b>278.2</b>	<b>281.3</b>
Monthly Average	251	236	258	257	257	275						
<b>Western World</b>	<b>2256</b>	<b>2019</b>	<b>1981</b>	<b>1979</b>	<b>1979</b>	<b>2109</b>	<b>183.4</b>	<b>186.4</b>	<b>185.4</b>	<b>188.1</b>	<b>173.2</b>	<b>176.2</b>
Monthly Average	188	168	165	165	165	176						

\* Lead content by analysis of lead ores and concentrates plus the lead content of other ores and concentrates known to be intended for lead recovery.



**Refined Lead: Metal Production \***

Plomb Raffiné: Production de métal \*

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004 Jan-Dec	2005	2005 Jul	Aug	Sep	Oct	Nov	Dec
<b>Asia (Continued)</b>												
Taiwan, China	62	55	56	56	56	55	4.6	4.6	4.6	4.6	4.6	4.6
Thailand	30	43	47	58	58	60	5.0	5.0	5.0	5.0	5.0	4.9
Turkey	8	6	6	6	6	6	0.5	0.5	0.5	0.5	0.5	0.5
United Arab Emirates	2	2	2	2	2	2	0.2	0.2	0.2	0.2	0.2	0.2
<b>Oceania</b>												
	<b>280</b>	<b>311</b>	<b>315</b>	<b>281</b>	<b>281</b>	<b>275</b>	<b>24.2</b>	<b>24.3</b>	<b>13.7</b>	<b>23.6</b>	<b>24.8</b>	<b>24.4</b>
Australia	271	302	307	273	273	268	23.6	23.6	13.1	23.0	24.2	23.7
New Zealand	9	9	8	8	8	7	0.6	0.6	0.6	0.6	0.6	0.6
<b>World Total</b>												
	<b>6592</b>	<b>6675</b>	<b>6748</b>	<b>6833</b>	<b>6833</b>	<b>7566</b>	<b>637.2</b>	<b>616.5</b>	<b>624.3</b>	<b>660.8</b>	<b>673.0</b>	<b>668.8</b>
Monthly Average	549	556	562	569	569	631						
<b>Western World</b>												
	<b>4953</b>	<b>4929</b>	<b>4781</b>	<b>4602</b>	<b>4602</b>	<b>4755</b>	<b>386.1</b>	<b>376.9</b>	<b>366.6</b>	<b>392.1</b>	<b>408.3</b>	<b>403.1</b>
Monthly Average	413	411	398	384	384	396						

\* Total production by smelters or refineries of refined lead, including the lead content of antimonial lead - including production on toll in the reporting country regardless of the type of source material, i.e. whether ores, concentrates, lead bullion, lead alloys, mattes, residues, slag or scrap. Pig lead and lead alloys recovered from secondary materials by remelting alone without undergoing further treatment before re-use are excluded.

Figure B

**Refined Lead: Metal Production**  
Plomb Raffiné: Production métal

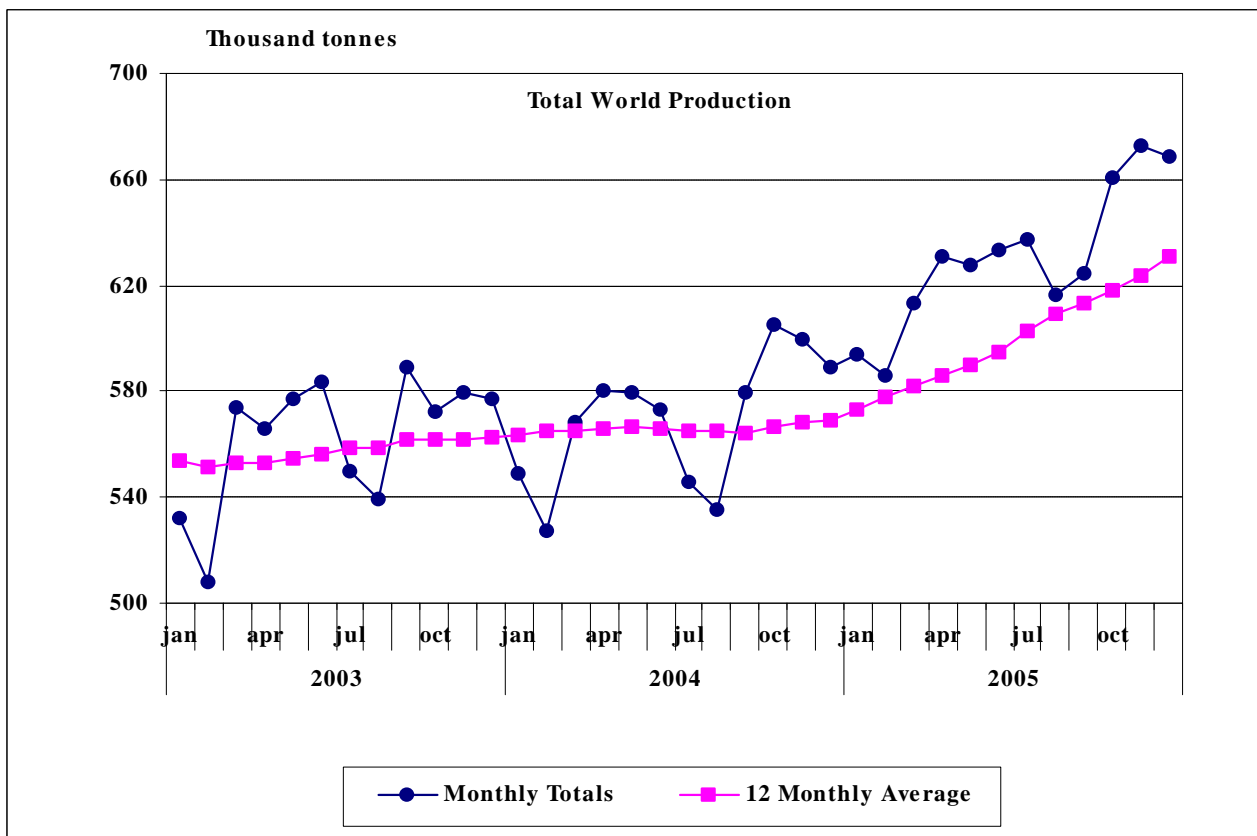


Table 3

## ILZSG: "Lead and Zinc Statistics"

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## Refined Lead: Metal Consumption \*

Plomb Raffiné: Consommation de métal\*

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
						Jan-Dec	Jul	Aug	Sep	Oct	Nov	Dec
<b>Europe</b>	<b>2,058</b>	<b>2,032</b>	<b>1,925</b>	<b>1,969</b>	<b>1,969</b>	<b>1,982</b>	<b>175.7</b>	<b>151.7</b>	<b>164.9</b>	<b>167.1</b>	<b>166.2</b>	<b>168.5</b>
Albania	1	1	1	1	1	1	0.1	0.1	0.1	0.1	0.1	0.1
Austria	59	60	54	48	48	32	2.9	3.3	1.4	2.0	2.8	2.8
Belgium	40	34	37	36	36	36	3.0	3.0	3.0	3.0	3.0	3.0
Bosnia & Herzegovina	6	6	5	5	5	4	0.3	0.3	0.3	0.3	0.3	0.3
Bulgaria	16	16	17	10	10	12	1.0	1.0	1.0	1.0	1.0	1.0
Croatia	1	2	1	1	1	1	0.1	0.1	0.2	0.1	0.1	0.1
Czech Rep.	80	80	72	91	91	108	7.0	9.7	13.4	6.7	9.2	9.2
Denmark	1	1	1	1	1	0	0.0	0.0	0.0	0.0	0.1	0.1
Finland	2	3	2	3	3	2	0.1	0.1	0.3	0.3	0.1	0.2
France	265	230	220	215	215	215	17.9	17.9	17.9	17.9	17.9	17.9
Germany	404	385	384	395	395	387	46.0	32.8	26.1	34.1	23.9	27.6
Greece	7	9	7	7	7	8	0.6	0.6	0.1	0.5	0.8	0.8
Hungary	6	6	7	4	4	4	0.3	0.3	0.3	0.4	0.4	0.4
Ireland	34	42	37	44	44	50	4.2	4.8	4.4	4.1	3.8	3.8
Italy	284	286	258	272	272	275	23.5	16.6	23.5	23.5	23.5	23.5
Macedonia	7	7	6	5	5	5	0.4	0.4	0.4	0.4	0.4	0.4
Netherlands	30	29	34	31	31	30	2.5	2.5	2.5	2.5	2.5	2.5
Norway	2	4	2	3	3	5	0.0	0.2	0.2	1.2	0.2	0.3
Poland	59	70	58	69	69	70	7.1	6.1	6.4	7.1	5.4	5.4
Portugal	24	21	19	22	22	23	2.2	1.1	2.1	1.8	2.3	2.3
Romania	23	21	11	19	19	25	1.9	2.0	1.6	2.2	2.2	2.2
Russian Federation	94	111	112	84	84	85	7.1	7.1	7.1	7.1	7.1	7.1
Serbia & Montenegro	4	7	9	4	4	7	0.5	0.5	0.5	0.5	0.5	0.5
Slovak Rep	5	5	4	4	4	4	0.3	0.3	0.3	0.3	0.3	0.3
Slovenia	15	19	18	21	21	15	1.0	1.0	1.0	1.2	1.3	1.3
Spain	231	238	216	246	246	270	20.1	18.2	26.0	21.7	26.3	23.2
Sweden	10	5	5	5	5	5	0.4	0.4	0.4	0.4	0.4	0.4
Switzerland	13	7	8	12	12	16	0.7	1.1	0.9	1.3	1.1	4.7
United Kingdom	318	311	302	295	295	271	23.2	19.1	22.0	24.3	28.1	25.9
Other CIS	18	17	17	16	16	16	1.3	1.3	1.3	1.3	1.3	1.3
<b>Africa</b>	<b>104</b>	<b>98</b>	<b>116</b>	<b>116</b>	<b>116</b>	<b>117</b>	<b>10.3</b>	<b>9.3</b>	<b>7.9</b>	<b>9.8</b>	<b>9.8</b>	<b>9.8</b>
Algeria	9	8	11	13	13	15	1.9	0.7	1.3	1.3	1.3	1.3
Egypt	7	2	6	6	6	6	0.5	0.5	0.5	0.5	0.5	0.5
Kenya	1	1	1	1	1	2	0.2	0.2	0.2	0.2	0.2	0.2
Morocco	6	3	3	4	4	5	0.3	0.5	0.5	0.5	0.5	0.5
Nigeria	3	3	4	4	4	4	0.3	0.3	0.3	0.3	0.3	0.3
South Africa	59	71	80	80	80	78	6.6	6.6	4.7	6.6	6.6	6.6
Tunisia	4	2	2	2	2	2	0.2	0.2	0.2	0.2	0.2	0.2
Zambia	1	1	1	1	1	1	0.1	0.1	0.1	0.1	0.1	0.1
Other Africa	13	7	8	6	6	4	0.2	0.2	0.2	0.2	0.2	0.2
<b>America</b>	<b>2,210</b>	<b>2,066</b>	<b>2,030</b>	<b>2,040</b>	<b>2,040</b>	<b>2,091</b>	<b>165.9</b>	<b>164.0</b>	<b>166.8</b>	<b>173.9</b>	<b>175.4</b>	<b>176.8</b>
Argentina	12	25	24	35	35	39	3.2	3.2	3.2	3.2	3.2	3.2
Brazil	112	112	112	103	103	110	9.2	9.2	9.2	9.2	9.2	9.2
Canada	55	58	51	52	52	44	3.0	2.5	2.9	3.0	2.9	4.8
Chile	4	0	1	1	1	3	0.2	0.5	0.0	0.0	0.2	0.2
Colombia	17	18	19	20	20	20	1.5	1.7	1.4	1.8	1.8	1.8
El Salvador	7	8	9	11	11	11	0.9	0.9	0.9	0.9	0.9	0.9
Mexico	251	267	259	262	262	259	20.4	20.9	18.1	21.2	21.2	21.7
Peru	15	12	11	11	11	11	0.9	0.9	0.9	0.9	0.9	0.9
United States	1,695	1,536	1,513	1,502	1,502	1,553	123.6	120.7	126.7	130.3	131.7	130.7
Venezuela	23	18	21	34	34	34	2.5	2.9	2.9	2.9	2.9	2.9
Other America	18	12	11	10	10	9	0.6	0.6	0.6	0.6	0.6	0.6
<b>Asia</b>	<b>2,065</b>	<b>2,408</b>	<b>2,712</b>	<b>2,975</b>	<b>2,975</b>	<b>3,432</b>	<b>298.4</b>	<b>294.4</b>	<b>319.2</b>	<b>318.2</b>	<b>316.0</b>	<b>300.2</b>
China	700	950	1,183	1,390	1,390	1,917	169.2	167.9	199.2	195.0	191.7	176.2
India	127	130	142	150	150	160	12.5	12.5	12.5	12.5	12.5	12.5
Indonesia	48	61	71	85	85	68	6.2	6.8	5.5	5.5	5.5	5.5
Iran	70	68	72	65	65	61	4.8	4.8	4.8	4.8	4.8	4.8
Israel	18	21	26	29	29	32	2.7	2.7	2.7	2.7	2.7	2.7



## Refined Lead: Metal Consumption \*

Plomb Raffiné: Consommation de métal\*

Thousand tonnes

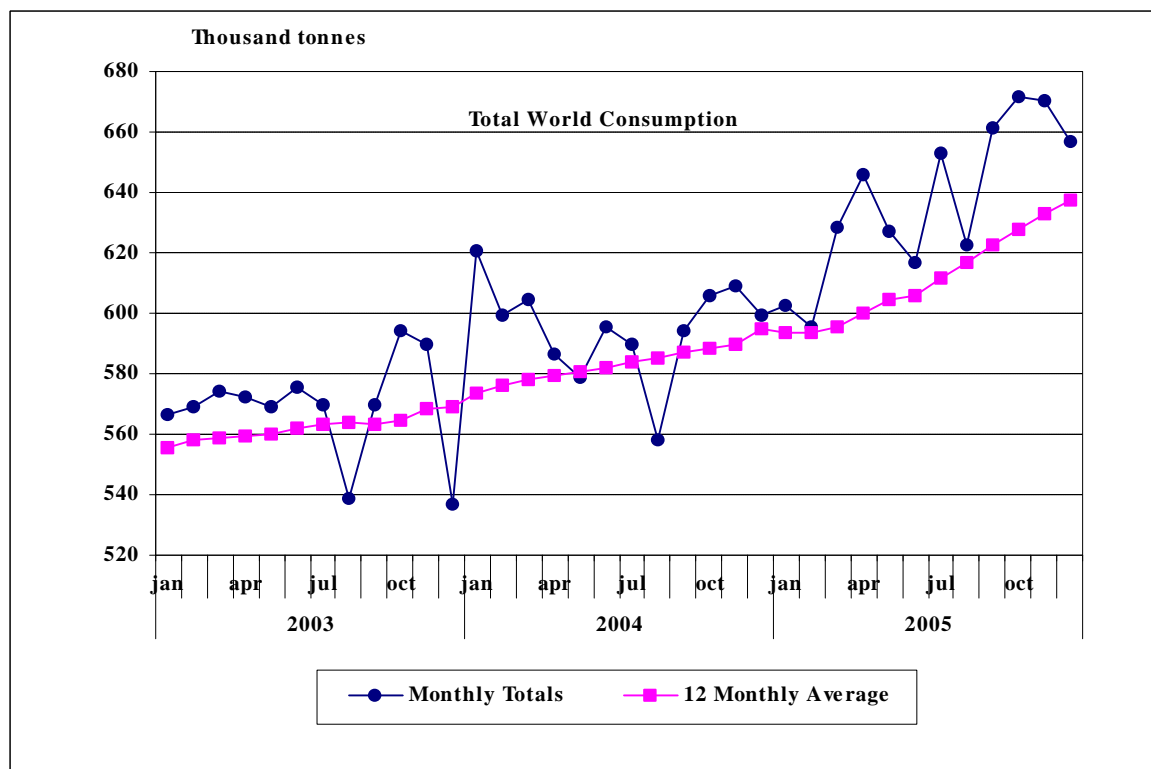
	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Dec		Jul	Aug	Sep	Oct	Nov	Dec
<b>Asia (Continued)</b>												
Japan	284	303	311	292	292	287	24.4	23.5	24.2	25.6	24.0	24.0
Kazakhstan	14	11	10	12	12	12	1.0	1.0	1.0	1.0	1.0	1.0
Korea DPR	5	5	5	3	3	4	0.3	0.3	0.3	0.3	0.3	0.3
Korea Rep	314	343	349	371	371	369	35.7	33.2	29.1	29.2	30.8	31.0
Malaysia	82	86	90	90	90	85	6.3	6.3	6.3	6.3	6.3	6.3
Pakistan	9	10	14	15	15	12	1.0	1.0	1.0	1.0	1.0	1.0
Philippines	33	34	33	33	33	32	2.6	2.7	2.7	2.7	2.7	2.7
Saudi Arabia	14	14	26	33	33	27	2.3	2.3	2.3	2.3	2.3	2.3
Singapore	14	14	15	15	15	12	0.8	0.8	0.8	1.0	1.0	1.0
Taiwan, China	167	154	137	162	162	130	11.2	10.4	8.6	10.0	11.1	10.6
Thailand	82	111	131	138	138	140	11.7	11.7	11.7	11.7	11.7	11.7
Turkey	45	62	69	62	62	57	3.6	4.5	4.5	4.5	4.5	4.5
Vietnam	8	10	9	10	10	10	0.8	0.8	0.8	0.8	0.8	0.8
Other Asia East	1	1	1	1	1	1	0.1	0.1	0.1	0.1	0.1	0.1
Other Asia West	26	16	15	15	15	12	1.0	1.0	1.0	1.0	1.0	1.0
Other CIS	3	3	3	4	4	4	0.3	0.3	0.3	0.3	0.3	0.3
<b>Oceania</b>	<b>45</b>	<b>42</b>	<b>42</b>	<b>40</b>	<b>40</b>	<b>29</b>	<b>2.9</b>	<b>3.1</b>	<b>2.2</b>	<b>2.5</b>	<b>3.2</b>	<b>1.7</b>
Australia	41	39	38	39	39	28	2.7	3.0	1.9	2.1	3.0	1.6
New Zealand	4	3	4	2	2	1	0.2	0.1	0.3	0.5	0.1	0.1
<b>World Total</b>	<b>6482</b>	<b>6647</b>	<b>6826</b>	<b>7141</b>	<b>7141</b>	<b>7652</b>	<b>653.2</b>	<b>622.6</b>	<b>661.1</b>	<b>671.6</b>	<b>670.5</b>	<b>657.0</b>
Monthly Average	540	554	569	595	595	638						
<b>Western World</b>	<b>5450</b>	<b>5341</b>	<b>5315</b>	<b>5423</b>	<b>5423</b>	<b>5380</b>	<b>455.3</b>	<b>424.2</b>	<b>427.8</b>	<b>448.0</b>	<b>449.3</b>	<b>451.2</b>
Monthly Average	454	445	443	452	452	448						

\* Total consumption of refined lead, including the lead content of antimonial lead, regardless of the type of source material from which produced, i.e. whether ores, concentrates, lead bullion, lead alloys, residues, slag or scrap. Pig lead and lead alloys recovered from secondary materials by remelting alone without undergoing further treatment before re-use are excluded.

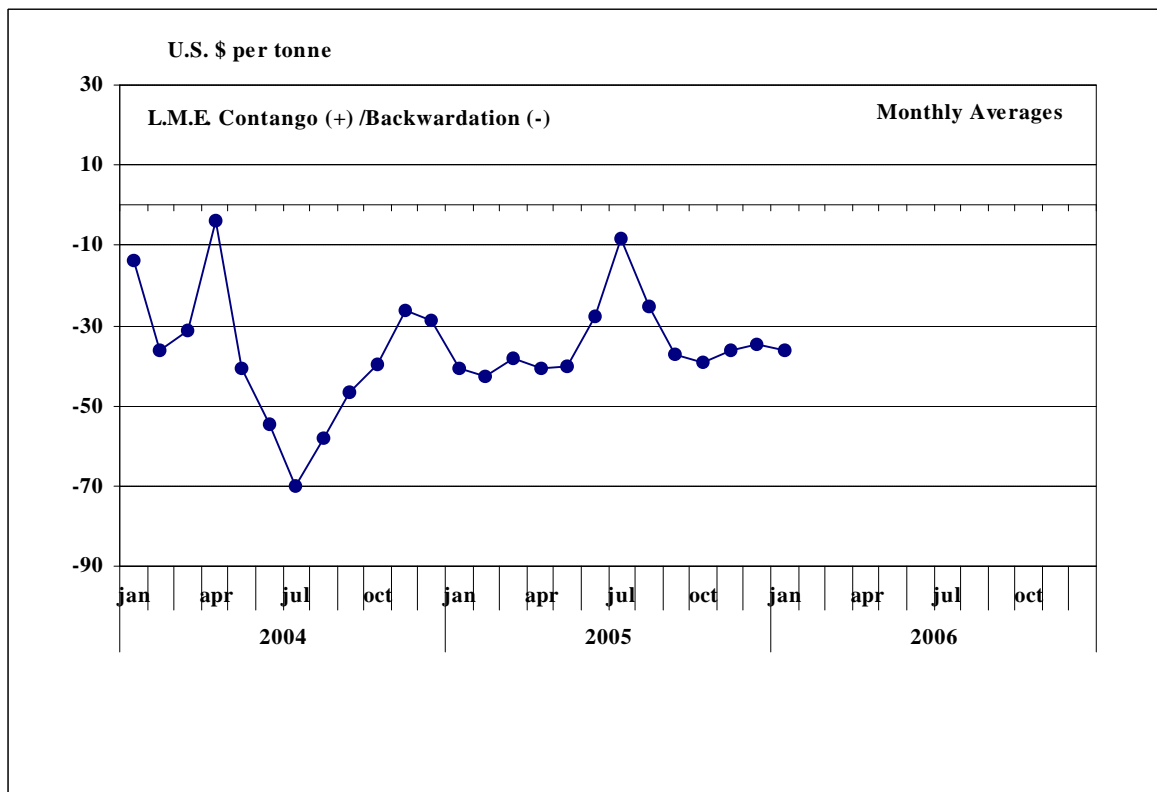
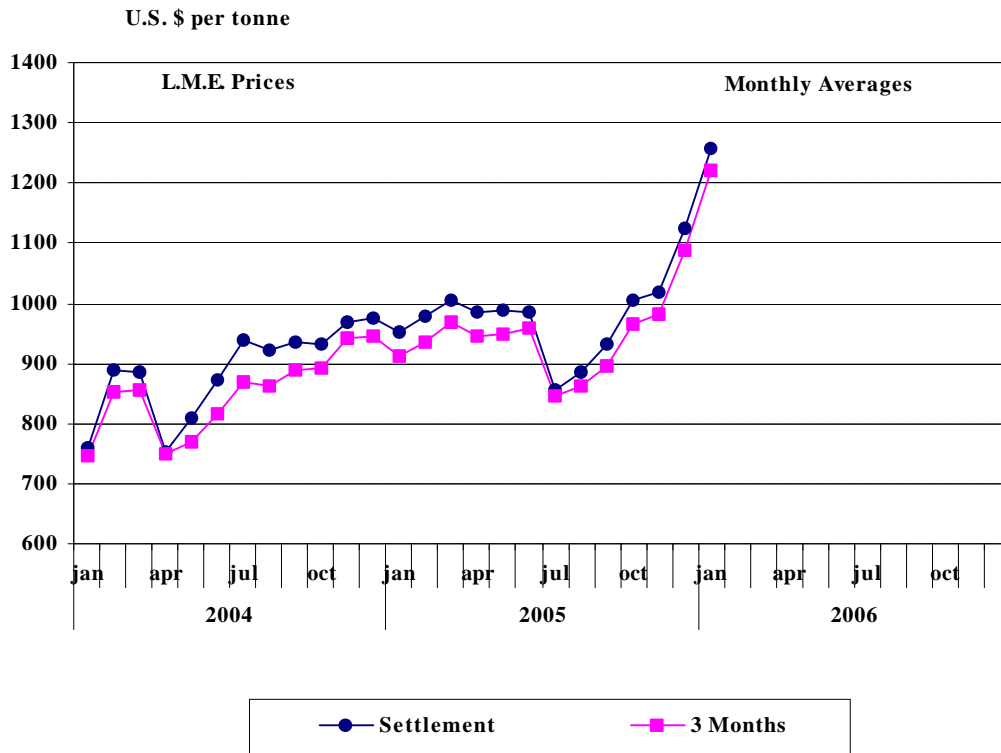
Figure C

## Refined Lead: Metal Consumption \*

Plomb Raffiné: Consommation de métal\*



**Lead: Price Trends**  
**Plomb: Tendances des prix**



**Lead: Current Trends: Prices**

Plomb: Tendances Actuelles: Prix

**Average Prices: Refined Lead**

London Metal Exchange

	<b>Settlement:</b>		<b>3 Months:</b>		<b>Contango (+)</b>
	<b>US \$ per tonne</b>	<b>US cents per lb.</b>	<b>US \$ per tonne</b>	<b>US cents per lb.</b>	<b>Backwardation (-)</b>
<b>Annual Averages:</b>					
2002	452.52	20.526	461.65	20.940	9.13
2003	515.66	23.390	517.53	23.475	1.87
2004	888.41	40.298	850.63	38.584	-37.78
2005	975.65	44.255	941.41	42.702	-34.25
<b>Monthly Averages:</b>					
<b>2005:</b>					
January	953.15	43.234	912.20	41.377	-40.95
February	977.55	44.341	935.10	42.415	-42.45
March	1005.83	45.624	967.52	43.886	-38.31
April	985.76	44.713	944.90	42.860	-40.86
May	988.08	44.818	947.80	42.991	-40.28
June	986.07	44.727	958.09	43.458	-27.98
July	854.48	38.758	846.05	38.376	-8.43
August	887.02	40.235	861.66	39.084	-25.36
September	933.07	42.323	895.61	40.624	-37.45
October	1004.76	45.575	965.43	43.791	-39.33
November	1018.41	46.194	982.05	44.545	-36.36
December	1124.07	50.987	1089.40	49.414	-34.67
<b>2006:</b>					
January	1256.33	56.986	1219.90	55.334	-36.43
<b>Weekly Averages: *</b>					
6th January	1123.25	50.950	1090.00	49.442	-33.25
13th January	1176.20	53.352	1145.80	51.973	-30.40
20th January	1287.50	58.400	1251.60	56.772	-35.90
27th January	1366.30	61.974	1328.80	60.273	-37.50
3rd February	1421.00	64.455	1384.83	62.815	-36.17
<b>2005:</b>					
<b>Highest Daily Price</b>	<b>Settlement</b>	<b>3 Months</b>	<b>Lowest Daily Price</b>	<b>Settlement</b>	<b>3 Months</b>
	\$1155.50	\$1118.50		\$824.00	\$822.00
<b>Date:</b>	13 December	12 December	<b>Date:</b>	15 July	26 July
<b>2006:</b>					
<b>Highest Daily Price</b>	<b>Settlement</b>	<b>3 Months</b>	<b>Lowest Daily Price</b>	<b>Settlement</b>	<b>3 Months</b>
	\$1448.00	\$1411.00		\$1101.00	\$1071.00
<b>Date:</b>	2 February	2 February	<b>Date:</b>	3 January	3 January
<b>Current Price Levels: **</b>					
Australia	\$ Australian 976.00 per metric ton			10 February	2006
Germany	1,190.00 - 1,240.00 euros per metric ton			10 February	2006
Japan	150,000 yen per metric ton			10 February	2006
United States	High Grade ingot premium indicator 90.00 - 95.00 cents per pound			10 February	2006

\* Week ending

\*\* As quoted by Metal Bulletin

**Lead: Principal imports and exports of ores and concentrates**

Plomb: Importations et exportations principales de minerais et concentrés

Thousand tonnes (Lead content)

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004 Jan-Nov	2005	2005 Jun	Jul	Aug	Sep	Oct	Nov
<b>Imports:</b>												
<b>Europe</b>												
Belgium	61	69	48	72	52 <sup>(10)</sup>	53 <sup>(10)</sup>	13.9	8.2	0.1	3.6	9.6	...
Bulgaria	50	31	39	44	41	...	...	...	...	...	...	...
France	109	88	0	0	0	0	-	0.0	0.0	0.0	-	0.0
Germany	146	122	108	121	112	90	18.2	5.7	6.6	7.6	1.0	20.9
Italy	66	63	52	59	42 <sup>(10)</sup>	54 <sup>(10)</sup>	4.6	8.6	5.2	9.7	3.6	...
United Kingdom	8	0	0	0	0 <sup>(10)</sup>	0 <sup>(10)</sup>	-	-	-	-	-	...
<b>Africa</b>												
Morocco	11	29	35	13	11 <sup>(7)</sup>	14 <sup>(7)</sup>	1.9	1.3	...	...	...	...
<b>America</b>												
Canada	53	68	70	93	91	58	4.4	5.0	10.7	7.4	6.7	2.2
Mexico	22	19	18	32	25 <sup>(9)</sup>	35 <sup>(9)</sup>	3.5	3.7	4.4	5.3	...	...
United States	2	0	-	-	...	-	-	-	-	-	-	-
<b>Asia</b>												
China	255	216	374	454	430	510	38.1	32.9	59.7	72.6	51.8	63.2
Japan	117	117	109	94	90	97	4.3	9.1	18.4	6.0	24.4	5.2
Kazakhstan	64	...	34	58	53	...	...	...	...	...	...	...
Korea Rep	145	138	151	143	125 <sup>(10)</sup>	134 <sup>(10)</sup>	5.7	9.8	15.0	8.9	16.1	...
<b>Exports:</b>												
<b>Europe</b>												
Belgium	58	64	51	68	44 <sup>(10)</sup>	51 <sup>(10)</sup>	14.2	4.1	2.6	4.4	6.9	...
Ireland	49	31	49	64	57	61	3.3	5.3	5.2	4.5	4.5	5.0
Italy	0	-	-	0	0 <sup>(10)</sup>	0 <sup>(10)</sup>	-	-	-	-	0.0	...
Poland	44	47	52	54	45 <sup>(10)</sup>	49 <sup>(10)</sup>	4.0	4.6	4.9	4.0	4.6	...
Russian Federation	11	18	17	21	14 <sup>(9)</sup>	20 <sup>(9)</sup>	1.5	4.5	5.9	1.5	...	...
Spain	59	0	3	4	4	0	-	-	-	-	0.0	-
Sweden	68	36	34	34	26 <sup>(10)</sup>	24 <sup>(10)</sup>	1.3	2.0	3.4	3.1	1.1	...
<b>Africa</b>												
Morocco	20	18	16	19	10 <sup>(7)</sup>	9 <sup>(7)</sup>	1.6	1.8	...	...	...	...
Namibia	10	14	18	12	12	8	-	-	-	-	-	8.0
South Africa	38	45	39	44	32 <sup>(9)</sup>	23 <sup>(9)</sup>	-	9.9	3.3	0.0	...	...
Tunisia	6	5	8	5	5	...	...	...	...	...	...	...
<b>America</b>												
Argentina	2	-	-	0	0 <sup>(9)</sup>	0 <sup>(9)</sup>	-	-	0.0	-	...	...
Bolivia	14	17	17	21	19	...	...	...	...	...	...	...
Brazil	7	7	7	13	13 <sup>(10)</sup>	15 <sup>(10)</sup>	3.0	-	-	2.9	-	...
Canada	58	42	8	1	1	0	0.0	-	-	-	-	-
Peru	151	179	178	186	151 <sup>(10)</sup>	171 <sup>(10)</sup>	23.5	16.4	27.0	10.6	9.6	...
United States	185	245	257	295	282	375	4.7	20.9	155.3	89.8	9.8	19.5
<b>Asia</b>												
China	0	0	0	0	0	0	-	-	0.0	-	-	-
Turkey	8	24	10	16	12 <sup>(7)</sup>	6 <sup>(7)</sup>	0.6	0.1	...	...	...	...
<b>Oceania</b>												
Australia	304	264	263	264	264	296	15.4	26.8	36.9	10.2	26.3	47.4

(7) January-July.

(10) January-October.

(9) January-September.

Table 6

## ILZSG: "Lead and Zinc Statistics"

13

## Lead: Principal imports and exports of metal

Plomb: Importations et exportations principales de métal

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Nov		Jun	Jul	Aug	Sep	Oct	Nov
<b>Imports</b>												
<b>Europe</b>												
Austria	40	42	38	30	24 <sup>(10)</sup>	17 <sup>(10)</sup>	2.0	1.2	1.7	0.0	0.6	...
Belgium	20	12	10	12	9 <sup>(10)</sup>	6 <sup>(10)</sup>	0.4	0.2	0.6	0.8	0.7	...
Czech Rep.	56	56	53	72	59 <sup>(10)</sup>	73 <sup>(10)</sup>	8.5	5.1	7.7	11.9	5.2	...
France	74	74	101	86	79	100	11.8	10.1	6.5	10.8	9.4	10.1
Germany	157	136	134	89	76	73	6.2	15.8	5.9	3.3	8.8	6.6
Hungary	6	6	7	4	4 <sup>(10)</sup>	4 <sup>(10)</sup>	0.7	0.2	0.3	0.3	0.3	...
Ireland	24	36	29	25	21 <sup>(10)</sup>	24 <sup>(10)</sup>	4.0	2.3	2.9	2.6	2.3	...
Italy	77	107	61	95	84 <sup>(10)</sup>	56 <sup>(10)</sup>	5.1	6.2	3.2	7.6	4.6	...
Netherlands	14	16	90	101	84 <sup>(10)</sup>	34 <sup>(10)</sup>	1.4	2.3	3.6	4.7	3.1	...
Norway	2	4	2	3	3	5	0.1	0.0	0.2	0.2	1.2	0.1
Poland	25	32	34	33	28 <sup>(10)</sup>	28 <sup>(10)</sup>	3.0	3.6	3.5	3.3	3.6	...
Russian Federation	42	46	45	29	22 <sup>(9)</sup>	18 <sup>(9)</sup>	3.3	1.7	1.8	1.4	...	...
Spain	114	171	119	150	136	156	12.8	12.0	9.8	17.9	13.0	17.6
United Kingdom	31	29	20	35	29 <sup>(10)</sup>	23 <sup>(10)</sup>	1.5	3.9	3.1	1.3	0.8	...
<b>Africa</b>												
South Africa	13	11	16	17	13 <sup>(9)</sup>	12 <sup>(9)</sup>	2.0	1.1	1.2	0.9	...	...
<b>America</b>												
Brazil	70	65	50	64	54 <sup>(10)</sup>	56 <sup>(10)</sup>	7.1	5.6	5.8	5.1	5.5	...
Canada	4	2	2	3	3	2	0.0	0.2	0.0	0.1	0.3	0.3
United States	270	211	176	199	179	273	24.8	27.5	21.2	25.1	28.6	28.5
<b>Asia</b>												
Hong Kong, China	14	13	15	19	16 <sup>(10)</sup>	17 <sup>(10)</sup>	2.5	1.4	2.3	1.9	1.7	...
India	52	74	82	104	54 <sup>(7)</sup>	43 <sup>(7)</sup>	8.8	3.1	...	...	...	...
Indonesia	32	44	53	65	50 <sup>(8)</sup>	34 <sup>(8)</sup>	5.7	4.7	5.3	...	...	...
Japan	30	8	7	8	7	14	0.6	0.3	0.6	1.4	3.7	5.2
Korea Rep	131	147	153	157	130 <sup>(10)</sup>	126 <sup>(10)</sup>	12.1	17.7	15.6	10.7	10.2	...
Malaysia	74	77	125	62	41 <sup>(9)</sup>	24 <sup>(9)</sup>	2.2	3.3	1.7	3.6	...	...
Philippines	7	8	6	4	3 <sup>(7)</sup>	1 <sup>(7)</sup>	0.1	0.1	...	...	...	...
Singapore	89	86	17	41	37 <sup>(9)</sup>	42 <sup>(9)</sup>	16.2	11.5	1.1	0.0	...	...
Taiwan, China	121	122	98	125	114	89	6.0	8.2	7.3	5.1	6.5	7.6
Thailand	48	65	79	77	64 <sup>(10)</sup>	56 <sup>(10)</sup>	7.1	5.1	6.3	4.7	6.2	...
<b>Exports</b>												
<b>Europe</b>												
Belgium	81	62	75	62	51 <sup>(10)</sup>	78 <sup>(10)</sup>	10.7	9.0	6.9	7.3	6.8	...
Bulgaria	68	58	60	54	49	...	...	...	...	...	...	...
Czech Rep.	6	5	6	7	5 <sup>(10)</sup>	5 <sup>(10)</sup>	0.4	0.3	0.2	0.6	0.7	...
France	61	56	11	5	4	5	0.4	0.4	0.0	0.4	0.5	0.6
Germany	145	133	100	79	73	90	13.2	5.8	6.0	8.6	4.2	14.3
Italy	5	18	20	22	17 <sup>(10)</sup>	13 <sup>(10)</sup>	0.4	0.4	0.1	5.8	0.3	...
Netherlands	6	1	50	48	42 <sup>(10)</sup>	21 <sup>(10)</sup>	3.6	1.3	1.8	4.0	1.5	...
Poland	32	28	35	26	22 <sup>(10)</sup>	23 <sup>(10)</sup>	1.8	2.0	2.8	2.3	1.9	...
Sweden	52	58	66	63	53 <sup>(10)</sup>	51 <sup>(10)</sup>	5.5	5.0	3.1	5.2	5.9	...
Ukraine	6	1	12	15	12 <sup>(9)</sup>	7 <sup>(9)</sup>	0.6	0.8	0.7	0.7	...	...
United Kingdom	89	100	62	38	33 <sup>(10)</sup>	35 <sup>(10)</sup>	3.2	3.5	5.1	3.4	4.1	...
<b>Africa</b>												
Morocco	52	70	58	21	14 <sup>(7)</sup>	28 <sup>(7)</sup>	4.4	5.7	...	...	...	...
<b>America</b>												
Canada	144	163	149	150	134	145	14.5	11.0	8.1	7.4	12.1	17.8
Mexico	13	9	12	9	8 <sup>(9)</sup>	12 <sup>(9)</sup>	2.2	2.7	2.9	2.1	...	...
Peru	115	109	109	113	94 <sup>(10)</sup>	96 <sup>(10)</sup>	8.2	11.7	7.9	11.4	8.8	...
United States	17	31	92	59	55	40	1.9	2.8	4.2	1.2	3.9	6.4
<b>Asia</b>												
China	448	399	438	448	408	402	53.9	44.7	34.6	21.9	36.9	36.4
Hong Kong, China	16	19	18	19	16 <sup>(10)</sup>	16 <sup>(10)</sup>	2.0	1.9	2.2	1.7	1.8	...
Japan	1	10	8	3	2	4	0.5	0.3	1.1	0.5	0.2	0.0
Kazakhstan	48	...	102	126	115	...	...	...	...	...	...	...
Korea Rep	31	46	28	22	19 <sup>(10)</sup>	31 <sup>(10)</sup>	4.4	3.7	4.2	3.4	2.8	...
Singapore	87	67	57	19	11 <sup>(9)</sup>	34 <sup>(9)</sup>	2.6	6.4	5.4	9.4	...	...
Taiwan, China	16	23	16	20	18	20	3.3	1.6	1.5	1.1	1.0	1.1
<b>Oceania</b>												
Australia	207	263	267	211	196	231	14.4	11.3	33.4	12.6	14.8	36.7

(7) January-July.

(9) January-September.

(8) January-August.

(10) January-October.

Lead: Western World: Metal Production and Consumption

Plomb: Monde occidental: Production et consommation de métal

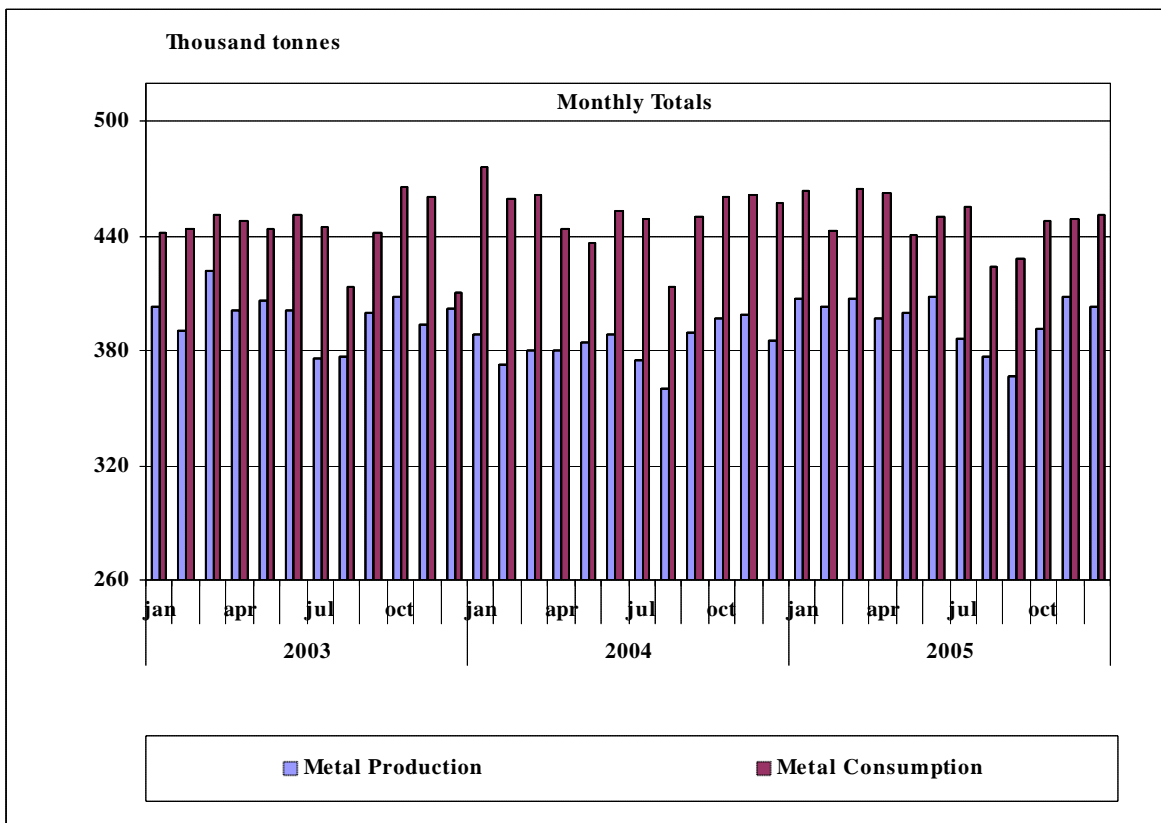
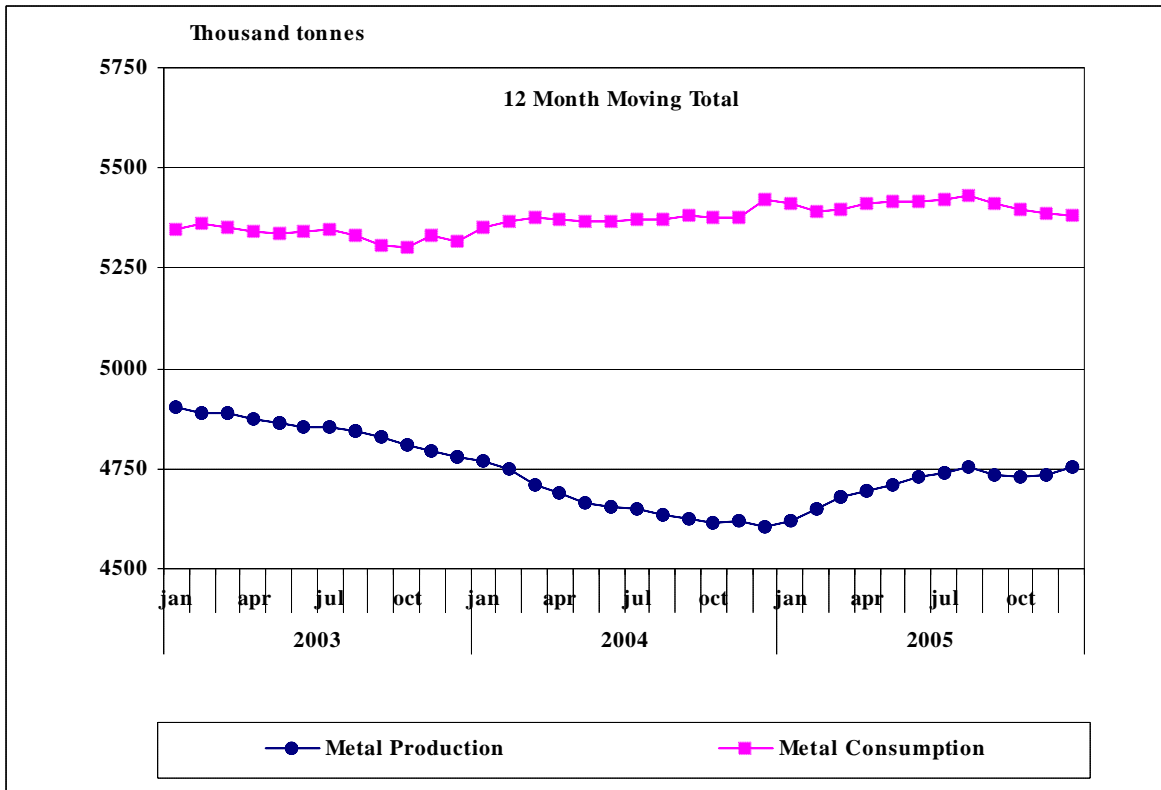


Table 7

## ILZSG: "Lead and Zinc Statistics"

15

**Lead: Western World: Supply and Demand: Current Trends:**

Plomb: Monde occidental: Approvisionnement et demande: Tendances Actuelles:

Thousand tonnes

	Annual Totals:					Quarterly Totals:							
	2001	2002	2003	2004	2005	2004				2005			
						Jan - Mar	Apr - Jun	Jul - Sep	Oct - Dec	Jan - Mar	Apr - Jun	Jul - Sep	Oct - Dec
<b>Concentrates (Lead content):</b>													
<b>Production</b>	<b>2256</b>	<b>2019</b>	<b>1981</b>	<b>1979</b>	<b>2109</b>	<b>480</b>	<b>502</b>	<b>499</b>	<b>497</b>	<b>509</b>	<b>507</b>	<b>555</b>	<b>538</b>
Europe	224	130	116	126	138	27	32	30	38	37	32	33	37
Canada	154	97	81	77	79	21	18	18	19	20	21	20	18
Mexico	149	139	144	142	153	36	36	36	36	40	36	39	38
Peru	289	297	308	306	318	75	74	79	78	77	76	83	83
United States	463	449	458	439	438	102	114	117	106	96	112	118	113
Australia	714	658	648	642	714	161	167	158	157	173	164	193	184
Other Countries	263	249	226	246	268	59	62	62	63	66	67	70	65
<b>Net exports to (-)/ imports from (+) Eastern Countries</b>	<b>-357</b>	<b>-287</b>	<b>-369</b>	<b>-452</b>	<b>-546</b>	<b>-74</b>	<b>-111</b>	<b>-160</b>	<b>-107</b>	<b>-119</b>	<b>-112</b>	<b>-155</b>	<b>-160</b>
<b>Balance available for smelting</b>	<b>1899</b>	<b>1732</b>	<b>1612</b>	<b>1527</b>	<b>1563</b>	<b>406</b>	<b>391</b>	<b>339</b>	<b>390</b>	<b>390</b>	<b>395</b>	<b>400</b>	<b>378</b>
<b>Bullion:</b>													
<b>Net imports from Eastern Countries</b>	<b>23</b>	<b>10</b>	<b>6</b>	<b>-3</b>	<b>7</b>	<b>1</b>	<b>-3</b>	<b>0</b>	<b>-1</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>
<b>Refined Metal Production: *</b>													
<b>Primary</b>	<b>1881</b>	<b>1818</b>	<b>1666</b>	<b>1411</b>	<b>1516</b>	<b>348</b>	<b>354</b>	<b>337</b>	<b>372</b>	<b>389</b>	<b>388</b>	<b>351</b>	<b>388</b>
<b>Secondary</b>	<b>3071</b>	<b>3110</b>	<b>3115</b>	<b>3192</b>	<b>3239</b>	<b>794</b>	<b>799</b>	<b>789</b>	<b>809</b>	<b>828</b>	<b>817</b>	<b>778</b>	<b>815</b>
<b>Total</b>	<b>4953</b>	<b>4929</b>	<b>4781</b>	<b>4602</b>	<b>4755</b>	<b>1142</b>	<b>1153</b>	<b>1126</b>	<b>1181</b>	<b>1217</b>	<b>1204</b>	<b>1130</b>	<b>1203</b>
Europe	1,615	1,503	1,317	1,292	1,360	315	324	322	331	358	354	321	326
Canada	231	252	223	241	229	59	64	46	73	65	64	32	67
Mexico	234	232	239	242	250	60	60	60	60	63	63	62	62
United States	1,376	1,364	1,392	1,262	1,265	314	315	318	315	322	313	308	322
Japan	302	286	295	283	279	75	69	65	73	72	72	66	68
Australia	271	302	307	273	268	61	76	64	72	70	67	60	71
Other Countries	923	991	1,006	1,009	1,105	256	245	250	258	267	271	279	288
<b>Consumption</b>	<b>5450</b>	<b>5341</b>	<b>5315</b>	<b>5423</b>	<b>5380</b>	<b>1398</b>	<b>1334</b>	<b>1312</b>	<b>1380</b>	<b>1370</b>	<b>1354</b>	<b>1307</b>	<b>1348</b>
Europe	1,757	1,706	1,626	1,671	1,658	421	424	387	439	416	413	407	422
United States	1,695	1,536	1,513	1,502	1,553	385	372	371	374	385	404	371	393
Japan	284	303	311	292	287	71	70	73	77	71	70	72	74
Korea Rep	314	343	349	371	369	103	84	87	98	95	86	98	91
Other Countries	1,399	1,452	1,516	1,587	1,513	418	383	393	393	403	381	359	369
<b>Net exports to (-)/ imports from (+) Eastern Countries</b>	<b>540</b>	<b>451</b>	<b>491</b>	<b>515</b>	<b>537</b>	<b>137</b>	<b>124</b>	<b>119</b>	<b>135</b>	<b>114</b>	<b>147</b>	<b>123</b>	<b>153</b>
<b>US Stockpile Disposals</b>	<b>41</b>	<b>6</b>	<b>60</b>	<b>56</b>	<b>29</b>	<b>15</b>	<b>14</b>	<b>16</b>	<b>11</b>	<b>19</b>	<b>9</b>	<b>-5</b>	<b>6</b>
<b>Metal Balance</b>	<b>84</b>	<b>45</b>	<b>17</b>	<b>-249</b>	<b>-58</b>	<b>-104</b>	<b>-42</b>	<b>-50</b>	<b>-52</b>	<b>-19</b>	<b>6</b>	<b>-59</b>	<b>14</b>
<b>Reported Metal Stocks (at end of period):</b>													
Producers	188	142	138	127	145	127	134	134	127	142	157	153	145
Consumers**	149	156	159	130	123	122	125	129	130	126	125	119	123
Merchants	1	1	1	1	2	2	1	1	1	2	1	1	2
L.M.E.	98	184	109	40	44	74	45	53	40	33	46	39	44
<b>Total</b>	<b>436</b>	<b>483</b>	<b>407</b>	<b>299</b>	<b>314</b>	<b>325</b>	<b>306</b>	<b>317</b>	<b>299</b>	<b>303</b>	<b>329</b>	<b>312</b>	<b>314</b>
<b>Stock Ratio***</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>3.1</b>	<b>2.9</b>	<b>3.1</b>	<b>2.8</b>	<b>2.8</b>	<b>3.2</b>	<b>3.2</b>	<b>3.0</b>

\* Including lead content of refined lead alloys.

\*\* Reported stocks only. Estimates of other consumer stocks are shown in Table 10 (page 20).

\*\*\* Weeks of consumption.

**Lead: Western World: Metal Production and Consumption**  
**Plomb: Monde occidental: Production et consommation de métal**

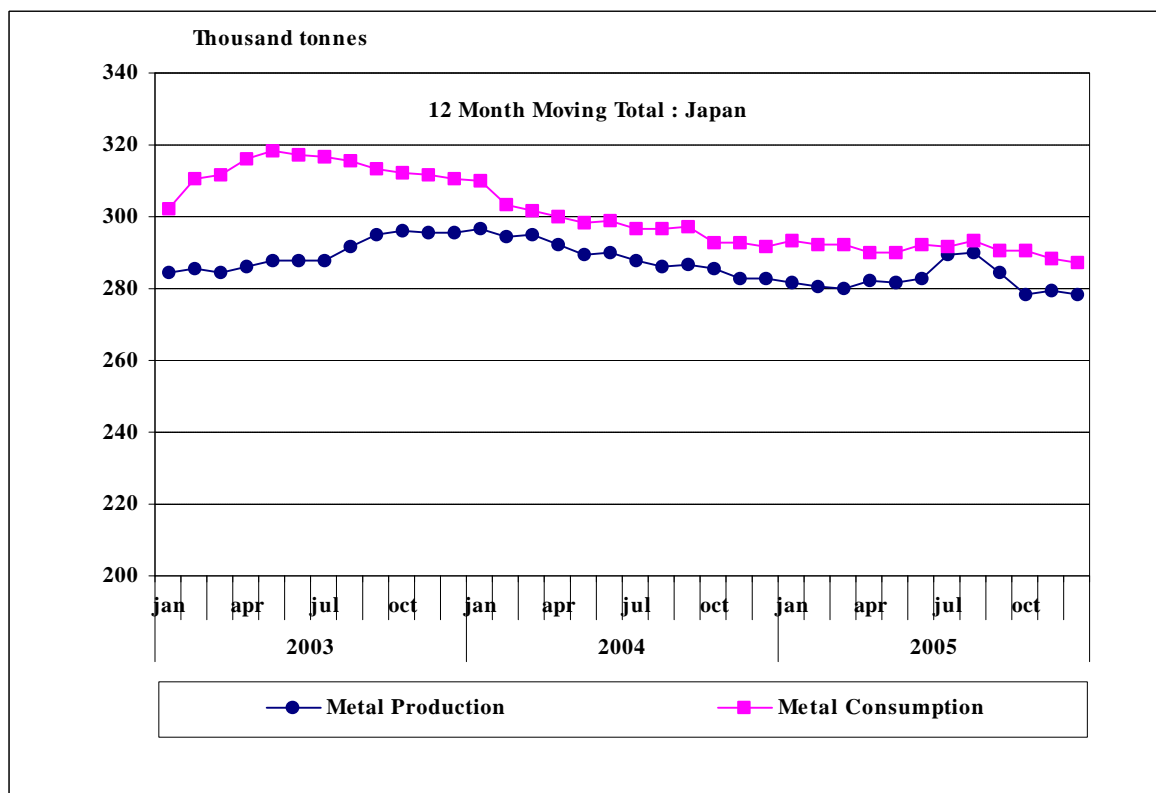
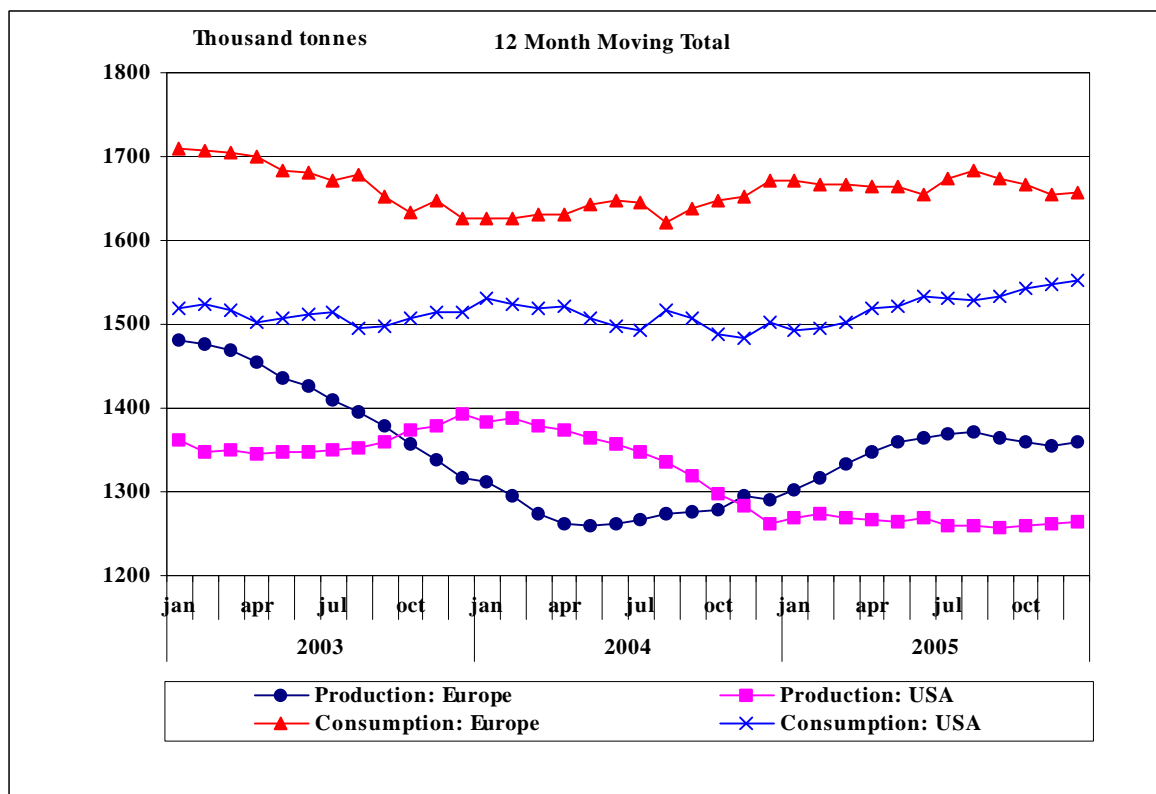




Table 8

**Lead: Western World: Production and Consumption: Current Trends:**

Plomb: Monde occidental: Production et Consommation: Tendances Actuelles:

Thousand tonnes

**Mine Production (lead content)**

	Europe			United States			Australia			Other Countries			Total		
	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005
January	10	10	12	40	34	29	60	52	58	66	65	68	175	160	167
February	9	8	10	36	33	32	47	52	56	63	62	66	154	155	164
March	11	10	14	39	34	35	56	58	60	65	63	69	172	165	178
April	11	11	11	37	36	36	52	55	55	64	62	68	164	164	170
May	12	11	11	40	37	34	60	65	52	64	64	67	175	177	164
June	8	10	10	40	41	42	62	47	57	63	64	65	172	162	173
July	9	9	9	40	42	40	59	61	64	61	64	70	168	176	183
August	8	10	12	41	38	39	51	54	65	61	66	71	161	168	186
September	10	10	11	40	38	39	50	43	65	60	64	70	160	155	185
October	10	13	11	37	37	39	45	55	67	67	67	72	159	172	188
November	9	14	12	35	36	37	56	51	59	63	65	66	162	165	173
December	10	10	14	35	33	37	50	51	59	63	65	66	158	160	176
Jan/Dec	116	126	138	458	439	438	648	642	714	759	772	818	1,981	1,979	2,109
<b>Year</b>	<b>116</b>	<b>126</b>	<b>138</b>	<b>458</b>	<b>439</b>	<b>438</b>	<b>648</b>	<b>642</b>	<b>714</b>	<b>759</b>	<b>772</b>	<b>818</b>	<b>1981</b>	<b>1979</b>	<b>2109</b>

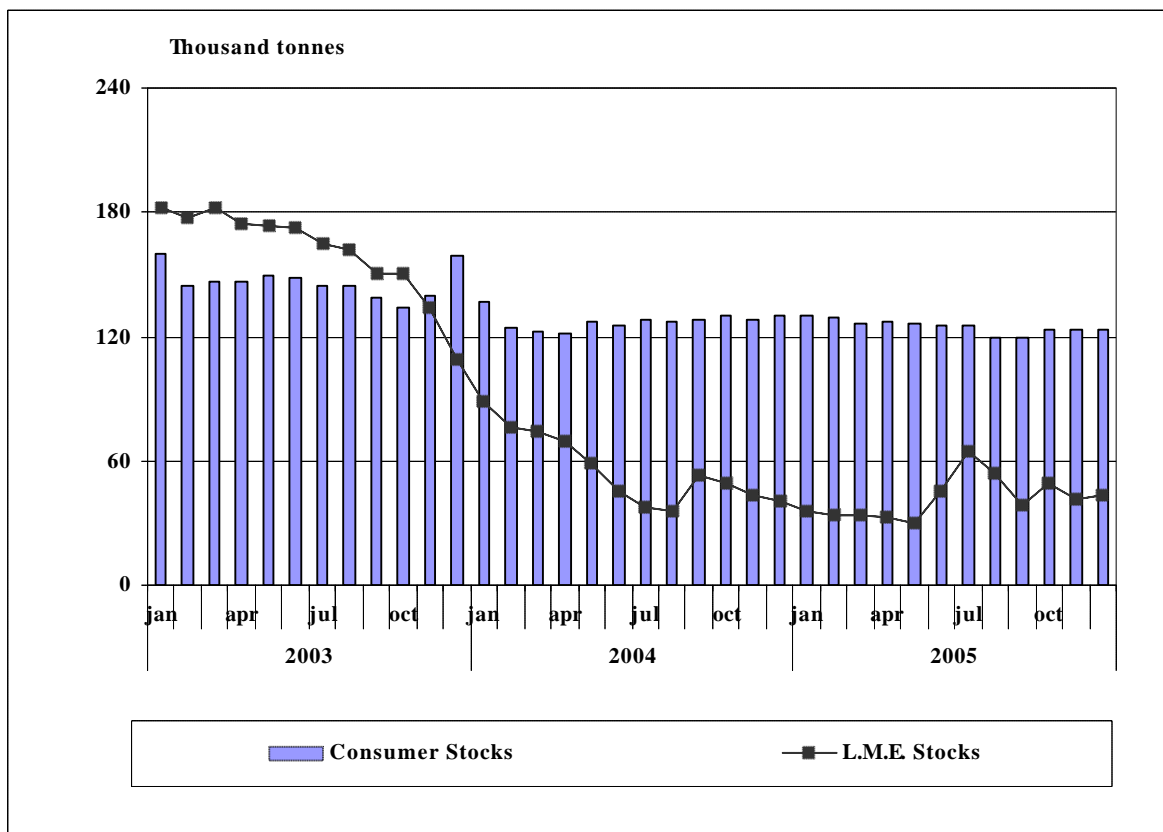
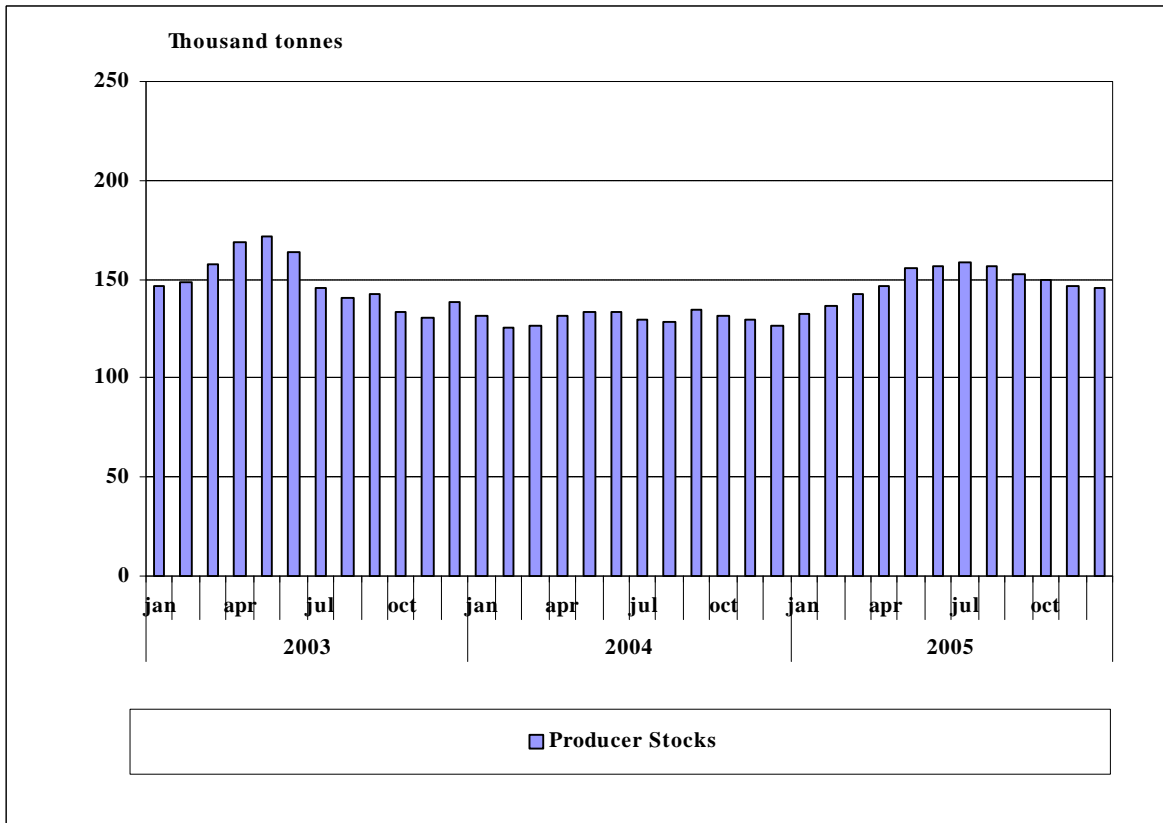
**Production: Refined Lead**

	Europe			United States			Japan			Other Countries			Total		
	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005
January	116	110	121	112	104	110	25	26	25	150	149	152	403	389	407
February	119	102	117	101	104	110	25	23	22	146	143	154	390	373	403
March	124	103	120	115	106	102	26	26	26	157	145	160	422	381	407
April	115	104	117	109	104	102	25	22	25	152	150	154	401	381	396
May	109	107	118	115	104	102	26	24	23	156	149	157	407	384	400
June	113	114	120	114	106	109	23	23	24	152	146	154	401	389	408
July	97	103	107	116	107	99	21	18	24	142	147	155	376	375	386
August	96	102	104	118	106	105	23	22	23	140	131	145	377	361	377
September	114	117	111	121	105	103	25	25	19	141	143	133	400	390	367
October	111	114	110	127	105	106	26	24	19	146	154	157	409	397	392
November	102	117	111	119	105	108	25	22	23	147	155	167	393	399	408
December	102	100	106	127	105	108	26	26	26	146	154	164	402	385	403
Jan/Dec	1,317	1,292	1,360	1,392	1,262	1,265	295	283	279	1776	1766	1851	4,781	4,602	4,755
<b>Year</b>	<b>1317</b>	<b>1292</b>	<b>1360</b>	<b>1392</b>	<b>1262</b>	<b>1265</b>	<b>295</b>	<b>283</b>	<b>279</b>	<b>1776</b>	<b>1766</b>	<b>1851</b>	<b>4781</b>	<b>4602</b>	<b>4755</b>

**Consumption: Refined Lead**

	Europe			United States			Japan			Other Countries			Total		
	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005
January	141	141	141	116	133	125	23	22	24	161	180	174	441	477	464
February	135	137	132	133	127	127	30	23	22	145	173	161	443	459	442
March	139	143	143	129	125	133	27	26	25	156	168	163	451	462	464
April	143	143	142	122	124	142	26	25	23	156	153	156	447	444	463
May	127	138	138	137	124	125	23	21	21	157	153	156	444	436	441
June	137	143	133	136	125	137	24	24	27	154	161	154	451	453	450
July	133	131	150	128	126	124	26	25	24	157	168	158	445	449	455
August	140	114	124	100	123	121	22	22	23	151	154	156	413	413	424
September	125	142	133	132	123	127	26	27	24	160	159	144	442	450	428
October	137	149	141	142	122	130	30	26	26	156	164	151	466	461	448
November	147	151	139	131	127	132	26	26	24	156	158	154	461	462	449
December	121	140	142	106	125	131	27	25	24	157	168	155	411	458	451
Jan/Dec	1,626	1,671	1,658	1,513	1,502	1,553	311	292	287	1865	1958	1882	5,315	5,423	5,380
<b>Year</b>	<b>1626</b>	<b>1671</b>	<b>1658</b>	<b>1513</b>	<b>1502</b>	<b>1553</b>	<b>311</b>	<b>292</b>	<b>287</b>	<b>1865</b>	<b>1958</b>	<b>1882</b>	<b>5315</b>	<b>5423</b>	<b>5380</b>

**Lead: Stocks of Refined Metal**  
**Plomb: Stocks de métal raffiné**



**Lead: Western World: Stocks: Current Trends:**

Plomb: Monde occidental: Stocks: Tendances Actuelles:

Thousand tonnes

**Producers' Stocks**

	Europe			United States			Japan			Other Countries *			Total		
	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005
January	55	56	65	14	15	17	15	10	8	62	51	42	146	132	132
February	59	55	69	14	16	17	13	11	9	63	44	42	148	125	136
March	63	55	75	14	17	17	13	11	9	68	44	41	158	127	142
April	67	55	77	14	17	17	12	9	11	76	50	42	169	131	147
May	70	57	81	14	17	17	15	12	13	73	48	45	172	134	156
June	68	60	85	14	17	17	13	11	11	69	45	44	164	134	157
July	56	60	83	14	17	17	10	7	11	65	46	48	145	130	159
August	48	62	84	14	17	17	13	8	11	66	42	44	140	129	156
September	56	66	86	14	17	17	12	8	9	61	43	41	143	134	153
October	55	63	84	14	17	17	9	6	4	55	45	44	133	132	150
November	47	64	80	14	17	17	8	6	5	61	43	45	130	129	147
December	56	62	77	14	17	17	7	6	6	61	41	45	138	127	145

**Consumers' Stocks****Merchant Stocks**

	Europe**			United States			Japan			Total***			Total*		
	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005
January	37	25	43	106	100	77	17	12	10	160	137	130	1	1	1
February	37	27	44	93	86	76	14	11	9	145	124	129	1	2	2
March	37	29	43	98	82	74	12	12	9	147	122	126	1	2	2
April	36	30	44	98	81	74	13	11	10	146	122	127	1	2	1
May	36	32	43	102	84	74	12	11	9	150	127	126	1	2	1
June	36	34	44	99	81	72	14	11	10	148	125	125	1	1	1
July	33	35	43	99	81	72	12	11	10	145	128	126	1	2	1
August	30	37	44	103	79	67	12	11	9	145	127	120	1	2	1
September	27	39	43	100	79	69	11	11	7	139	129	119	1	1	1
October	26	40	44	97	79	72	11	11	8	134	130	123	1	2	2
November	25	42	43	103	78	72	11	9	8	139	128	123	1	2	2
December	24	43	43	124	77	72	11	10	8	159	130	123	1	1	2

**London Metal Exchange Stocks**

	2004			2005			2006		
	Deliveries:		Closing Stocks	Deliveries:		Closing Stocks	Deliveries:		Closing Stocks
In	Out	In		Out	In		Out		
January	0.0	20.5	88.5	0.2	5.4	35.2	23.4	7.3	59.8
February	1.1	13.0	76.6	2.6	4.2	33.6			
March	1.1	3.4	74.3	2.7	3.1	33.3			
April	0.4	5.1	69.6	5.4	6.0	32.7			
May	4.5	15.1	59.1	8.6	11.6	29.7			
June	0.0	14.0	45.1	19.9	4.0	45.6			
July	1.7	9.4	37.5	31.2	12.4	64.4			
August	6.0	7.8	35.6	3.4	13.8	54.1			
September	23.1	5.6	53.1	3.5	18.6	39.0			
October	3.0	6.9	49.2	20.8	10.5	49.3			
November	2.9	9.2	42.9	0.7	8.6	41.4			
December	1.0	3.4	40.5	7.5	5.3	43.6			

\* For details of countries included, see Table 10 (page 20).

\*\* Germany and United Kingdom only.

\*\*\* Reported stocks only. For estimates for other countries see Table 10 (page 20).

Table 10

## ILZSG: "Lead and Zinc Statistics"

20

## Lead: Western World: Refined Metal Stocks

Plomb: Monde occidental: Stocks de métal raffiné

Thousand tonnes

	End of Year:				End of Month:							
	2001	2002	2003	2004	2005	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Commercial Stocks:</b>												
<b>Producers:*</b>	<b>188</b>	<b>142</b>	<b>138</b>	<b>127</b>	<b>157.0</b>	<b>159.1</b>	<b>156.3</b>	<b>153.1</b>	<b>149.8</b>	<b>146.7</b>	<b>145.4</b>	
Europe	79	54	56	62	85.0	82.8	84.2	86.1	84.4	79.9	77.1	
Canada	11	8	8	5	7.6	9.6	5.3	2.4	3.9	5.1	5.0	
United States	10	10	14	17	17.0	17.0	17.0	17.0	17.0	17.0	17.0	
Japan	25	16	7	6	10.9	10.8	10.8	9.3	4.2	4.9	5.9	
Australia	42	31	23	6	3.5	5.3	4.8	3.5	4.8	3.9	4.4	
Other Countries**	21	22	31	30	33.0	33.6	34.2	34.8	35.4	36.0	36.0	
<b>Consumers:</b>	<b>149</b>	<b>156</b>	<b>159</b>	<b>130</b>	<b>124.9</b>	<b>125.6</b>	<b>119.7</b>	<b>119.5</b>	<b>123.2</b>	<b>123.0</b>	<b>123.0</b>	
Germany	13	12	8	20	18.0	17.0	17.0	16.0	16.0	15.0	15.0	
United Kingdom	26	26	16	23	25.5	26.0	26.5	27.0	27.5	28.0	28.0	
United States***	90	105	124	77	71.7	72.5	67.2	69.3	71.9	72.0	72.0	
Japan	19	14	11	10	9.7	10.1	9.0	7.2	7.8	8.0	8.0	
<b>Merchants:</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1.4</b>	<b>1.1</b>	<b>1.0</b>	<b>0.7</b>	<b>1.6</b>	<b>1.6</b>	<b>1.6</b>	
Germany	0	1	0	1	0.7	0.6	0.6	0.5	0.5	0.4	0.4	
Japan	1	1	1	0	0.7	0.5	0.4	0.2	1.1	1.2	1.2	
<b>London Metal Exchange:</b>	<b>98</b>	<b>184</b>	<b>109</b>	<b>40</b>	<b>45.6</b>	<b>64.4</b>	<b>54.1</b>	<b>39.0</b>	<b>49.3</b>	<b>41.4</b>	<b>43.6</b>	
Belgium	Antwerp	-	-	-	-	-	-	-	-	-	-	-
Germany	Bremen	-	-	-	-	-	-	-	-	-	-	-
	Hamburg	0	0	-	-	-	-	-	-	-	-	-
Italy	Genoa	-	9	9	6	6.8	6.6	6.6	6.6	6.5	6.5	6.5
	Leghorn	-	-	-	-	-	-	-	-	-	-	-
	Trieste	2	4	3	3	0.6	0.4	0.3	0.3	0.3	0.2	0.2
Malaysia	Johor	-	-	-	-	-	-	-	-	-	-	-
Netherlands	Rotterdam	1	1	-	0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Vlissingen	-	0	1	1	0.5	0.4	0.4	0.3	0.3	0.2	0.1
Singapore		51	48	6	22	29.2	38.2	31.3	21.7	17.1	13.1	12.7
Spain	Barcelona	-	-	-	-	-	-	-	-	-	-	-
	Bilbao	-	-	0	-	-	-	-	-	-	-	-
Sweden	Gothenburg	9	-	-	-	-	-	-	-	-	-	-
	Helsingborg	12	1	-	-	-	-	-	19.8	19.7	23.8	
United Arab Emirates	Dubai	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	Avonmouth	-	-	-	-	-	-	-	-	-	-	-
	Goole	-	-	-	-	-	-	-	-	-	-	-
	Hull	-	-	-	-	-	-	-	-	-	-	-
	Liverpool	-	-	-	-	-	-	-	-	-	-	-
	Newcastle	-	-	-	-	-	-	-	-	-	-	-
	Sunderland	-	-	-	-	-	-	-	-	-	-	-
United States	Baltimore	-	40	24	0	7.0	17.3	14.3	9.1	4.3	0.9	0.1
	Chicago	-	-	-	-	-	-	-	-	-	-	-
	Detroit	1	24	38	0	-	-	-	-	-	-	-
	Long Beach	-	20	20	4	-	0.2	0.2	0.6	0.6	0.4	-
	Los Angeles	7	7	6	2	1.1	1.0	0.6	-	-	-	-
	New Orleans	16	30	2	0	-	-	-	-	-	-	-
	St. Louis	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>		<b>436</b>	<b>483</b>	<b>407</b>	<b>299</b>	<b>328.8</b>	<b>350.1</b>	<b>331.0</b>	<b>312.3</b>	<b>323.8</b>	<b>312.6</b>	<b>313.5</b>
<b>Stock Ratio^</b>		<b>4</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>3.2</b>	<b>3.4</b>	<b>3.2</b>	<b>3.2</b>	<b>3.3</b>	<b>3.0</b>	<b>3.0</b>
<b>Non-Commercial Stocks:</b>												
<b>U.S. Stockpile:</b>		<b>178</b>	<b>172</b>	<b>112</b>	<b>55</b>	<b>27.2</b>	<b>26.9</b>	<b>33.8</b>	<b>32.0</b>	<b>30.0</b>	<b>28.0</b>	<b>26.0</b>

\* All stocks owned or controlled by producers regardless of location, including stocks at refineries, in warehouses, in transit, at agents or distributors and at consumers' plants.

\*\* Includes Brazil, India, Mexico, Peru and the Republic of Korea.

\*\*\* Monthly figures include an estimate for companies reporting on an annual basis only.

^ Total of reported stocks expressed as number of weeks of metal consumption.

**Lead: Trade with Eastern Countries**

Plomb: Commerce avec les pays de l'est

Thousand tonnes

	Annual Totals:				Year to Date:		Quarterly Totals:					
	2001	2002	2003	2004	2004	2005	2004	2005				
					Jan-Dec		Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
<b>Exports from Eastern Countries to other countries</b>												
<b>Ores/Concentrates (Lead content):</b>												
C.I.S.	5	4	2	8	8	8	1	2	3	2	2	1
China	0	-	0	0	0	0	0	-	0	-	0	-
Poland	22	28	30	33	33	26	9	7	7	5	6	8
Other	3	12	12	10	10	10	3	2	3	2	3	2
<b>Total</b>	<b>30</b>	<b>44</b>	<b>44</b>	<b>51</b>	<b>51</b>	<b>44</b>	<b>13</b>	<b>11</b>	<b>13</b>	<b>9</b>	<b>11</b>	<b>11</b>
<b>Lead Bullion:</b>												
China	24	18	16	17	17	10	5	5	2	2	2	4
Korea DPR	2	1	1	1	1	1	0	1	0	0	0	1
Poland	11	10	10	7	7	7	2	1	2	2	2	1
Romania	2	2	2	2	2	2	1	0	1	0	1	0
<b>Total</b>	<b>39</b>	<b>32</b>	<b>30</b>	<b>28</b>	<b>28</b>	<b>21</b>	<b>8</b>	<b>7</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>Refined Metal:</b>												
Bulgaria	57	55	56	52	52	54	13	13	13	14	13	14
C.I.S.	93	84	69	118	118	131	29	30	30	30	38	33
China	442	396	433	446	446	454	102	119	93	134	101	126
Korea DPR	1	1	0	0	0	0	0	0	0	0	0	0
Poland	26	22	32	21	21	26	5	6	7	6	6	7
Romania	8	6	11	9	9	6	1	1	2	1	1	2
<b>Total</b>	<b>627</b>	<b>564</b>	<b>601</b>	<b>646</b>	<b>646</b>	<b>671</b>	<b>150</b>	<b>169</b>	<b>145</b>	<b>185</b>	<b>159</b>	<b>182</b>
of which to:												
Austria	13	11	11	7	7	5	1	1	2	2	1	-
Germany	32	18	35	24	24	18	4	7	4	4	5	5
Italy	33	68	39	36	36	25	7	6	9	8	8	-
Netherlands	8	3	46	23	23	12	6	6	6	1	5	-
Spain	39	41	41	33	33	37	3	9	12	10	9	6
United Kingdom	14	18	9	10	10	0	3	0	0	-	-	-
United States	61	28	-	0	0	19	-	0	-	9	9	1
Japan	26	7	6	7	7	18	4	1	1	2	2	13
Korea Rep	100	101	108	98	98	95	20	26	26	29	40	-
Malaysia	34	24	26	29	29	8	5	9	3	1	4	-
Taiwan, China	76	70	50	84	84	88	19	22	31	19	19	19
Thailand	30	39	46	59	59	26	16	16	9	9	8	-
Other^	161	136	184	236	236	320	62	66	42	91	49	138
<b>Imports by Eastern Countries from other countries</b>												
<b>Ores/Concentrates (Lead content):</b>												
Bulgaria	32	20	23	22	22	44	6	5	11	11	11	11
C.I.S.	95	98	50	43	43	27	11	11	7	7	7	6
China	247	201	337	430	430	513	154	99	114	101	146	152
Romania	13	12	3	8	8	6	2	3	-	2	2	2
<b>Total</b>	<b>387</b>	<b>331</b>	<b>413</b>	<b>503</b>	<b>503</b>	<b>590</b>	<b>173</b>	<b>118</b>	<b>132</b>	<b>121</b>	<b>166</b>	<b>171</b>
<b>Lead Bullion:</b>												
China	16	22	24	30	30	14	8	8	5	3	3	3
<b>Total</b>	<b>16</b>	<b>22</b>	<b>24</b>	<b>30</b>	<b>30</b>	<b>14</b>	<b>8</b>	<b>8</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>Refined Metal:</b>												
C.I.S.	2	0	1	0	0	1	0	0	0	0	0	1
China	16	32	28	40	40	27	10	9	8	6	6	7
Czech Rep.	42	50	46	59	59	79	12	18	17	24	24	14
Poland	13	17	21	18	18	15	5	4	3	4	4	4
Other	14	14	14	14	14	12	4	3	3	4	2	3
<b>Total</b>	<b>87</b>	<b>113</b>	<b>110</b>	<b>131</b>	<b>131</b>	<b>134</b>	<b>31</b>	<b>34</b>	<b>31</b>	<b>38</b>	<b>36</b>	<b>29</b>
of which from:												
Germany	38	46	46	33	33	30	7	7	6	8	6	10
Sweden	10	16	19	23	23	20	5	5	7	7	6	-
Australia	6	8	9	10	10	9	3	2	2	2	2	3
Other^^	33	43	36	65	65	75	16	20	16	21	22	16

^ Includes estimated deliveries to warehouses in free port areas.

^^ Includes estimated deliveries from warehouses in free port areas.

**Lead: Western World: Recovery of Secondary Lead**

Plomb: Monde occidental: Récupération de Plomb Secondaire

Thousand tonnes

	Annual Totals:				Year to Date:		Quarterly Totals:					
	2002	2003	2004	2005	2004	2005	2004	2005				
							Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
<b>Refined Lead and Lead Alloys:*</b>												
<b>Europe</b>	<b>1,019</b>	<b>936</b>	<b>968</b>	<b>982</b>	<b>968</b>	<b>982</b>	<b>233</b>	<b>248</b>	<b>260</b>	<b>254</b>	<b>231</b>	<b>238</b>
Austria	21	18	24	22	24	22	6	6	6	6	5	5
Belgium	88	65	62	84	62	84	16	16	21	21	21	21
France	121	94	104	92	104	92	20	28	26	24	18	24
Germany	237	225	277	262	277	262	67	72	71	69	63	60
Greece	5	4	4	4	4	4	1	1	1	1	1	1
Ireland	7	9	20	22	20	22	5	5	5	5	5	5
Italy	155	166	162	155	162	155	41	40	43	43	35	35
Macedonia	3	1	0	0	0	0	0	0	0	0	0	0
Netherlands	18	17	17	17	17	17	4	4	4	4	4	4
Portugal	4	4	4	3	4	3	1	1	1	1	1	1
Slovenia	13	14	15	15	15	15	4	4	4	4	4	4
Spain	116	102	105	110	105	110	28	27	28	28	28	27
Sweden	47	52	45	46	45	46	9	12	13	11	9	13
Switzerland	9	8	9	8	9	8	2	2	2	2	2	2
United Kingdom	175	158	120	143	120	143	30	30	36	36	36	36
<b>Africa</b>	<b>76</b>	<b>80</b>	<b>78</b>	<b>81</b>	<b>78</b>	<b>81</b>	<b>21</b>	<b>18</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>
Algeria	6	6	6	6	6	6	2	2	2	2	2	2
Kenya	1	1	1	1	1	1	0	0	0	0	0	0
Morocco	4	3	3	3	3	3	1	1	1	1	1	1
Nigeria	3	3	3	3	3	3	1	1	1	1	1	1
South Africa	61	65	64	67	64	67	18	15	16	16	17	17
Zambia	1	1	1	1	1	1	0	0	0	0	0	0
Zimbabwe	0	0	0	0	0	0	0	0	0	0	0	0
<b>America</b>	<b>1,438</b>	<b>1,476</b>	<b>1,492</b>	<b>1,503</b>	<b>1,492</b>	<b>1,503</b>	<b>373</b>	<b>376</b>	<b>383</b>	<b>374</b>	<b>361</b>	<b>386</b>
Argentina	33	30	48	50	48	50	12	12	12	12	12	12
Brazil	37	35	38	44	38	44	10	9	10	10	12	12
Canada	115	105	110	119	110	119	25	32	32	32	22	33
Colombia	9	9	9	9	9	9	2	2	2	2	2	2
El Salvador	8	8	10	10	10	10	2	2	3	3	2	2
Mexico	106	110	110	110	110	110	28	27	28	28	28	27
United States	1,102	1,147	1,131	1,127	1,131	1,127	285	282	287	279	273	287
Venezuela	28	32	35	35	35	35	9	9	9	9	9	9
<b>Asia</b>	<b>535</b>	<b>577</b>	<b>605</b>	<b>626</b>	<b>605</b>	<b>626</b>	<b>148</b>	<b>154</b>	<b>155</b>	<b>159</b>	<b>153</b>	<b>160</b>
India	35	30	28	35	28	35	7	7	9	9	9	9
Indonesia	17	18	20	18	20	18	5	5	5	5	5	5
Iran	30	32	32	36	32	36	8	8	8	8	10	10
Israel	22	25	27	28	27	28	7	7	7	7	7	7
Japan	178	190	189	174	189	174	43	46	44	48	38	45
Korea Rep	64	60	70	73	70	73	17	17	18	18	18	18
Malaysia	40	57	54	71	54	71	15	15	16	16	19	19
Pakistan	2	2	2	2	2	2	1	0	1	1	1	0
Philippines	26	27	29	30	29	30	7	7	8	8	8	8
Saudi Arabia	17	25	32	36	32	36	8	8	9	9	9	9
Sri Lanka	1	1	1	1	1	1	0	0	0	0	0	0
Taiwan, China	55	56	56	55	56	55	14	14	14	14	14	14
Thailand	40	46	57	60	57	60	14	17	15	15	15	15
Turkey	6	6	6	6	6	6	2	2	2	2	2	2
United Arab Emirates	2	2	2	2	2	2	1	0	1	1	1	0
<b>Oceania</b>	<b>43</b>	<b>46</b>	<b>50</b>	<b>46</b>	<b>50</b>	<b>46</b>	<b>13</b>	<b>12</b>	<b>11</b>	<b>11</b>	<b>13</b>	<b>11</b>
Australia	34	38	42	39	42	39	11	10	9	9	11	9
New Zealand	9	8	8	7	8	7	2	2	2	2	2	2
<b>Total</b>	<b>3110</b>	<b>3115</b>	<b>3192</b>	<b>3239</b>	<b>3192</b>	<b>3239</b>	<b>789</b>	<b>809</b>	<b>828</b>	<b>817</b>	<b>778</b>	<b>815</b>

\* Refined lead and lead alloys (lead content) produced from secondary materials (scraps, wastes and residues).

Table 13

## Lead: Country Tables: Australia

Plomb: Tableaux des Pays: Australie

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004 Jan-Dec	2005	2005 Jul	Aug	Sep	Oct	Nov	Dec
<b>Ores/Concentrates (Lead Content):</b>												
<b>Production</b>	<b>714</b>	<b>658</b>	<b>648</b>	<b>642</b>	<b>642</b>	<b>714</b>	<b>63.5</b>	<b>64.5</b>	<b>64.8</b>	<b>66.5</b>	<b>58.5</b>	<b>59.4</b>
<b>Exports:</b>	<b>304</b>	<b>264</b>	<b>263</b>	<b>264</b>	<b>264</b> <sup>(11)</sup>	<b>296</b> <sup>(11)</sup>	<b>26.9</b>	<b>36.9</b>	<b>10.2</b>	<b>26.4</b>	<b>47.5</b>	<b>...</b>
Belgium	64	57	50	30	30	24	-	7.1	-	-	8.4	...
China	74	42	64	83	83	115	16.2	22.7	6.8	9.0	24.1	...
Japan	48	31	43	22	22	43	3.5	3.6	3.4	3.6	3.7	...
Korea Rep	100	130	98	98	98	98	7.1	3.6	-	13.8	11.2	...
United States	6	-	-	-	-	-	-	-	-	-	-	...
Other	12	3	7	30	30	16	-	-	-	-	-	...
<b>Lead Bullion:</b>												
<b>Exports:</b>	<b>148</b>	<b>151</b>	<b>133</b>	<b>150</b>	<b>126</b> <sup>(11)</sup>	<b>136</b> <sup>(11)</sup>	<b>11.6</b>	<b>25.9</b>	<b>-</b>	<b>-</b>	<b>26.9</b>	<b>...</b>
United Kingdom	148	151	133	150	126	136	11.6	25.9	-	-	26.9	...
<b>Refined Lead:</b>												
<b>Production:</b>	<b>271</b>	<b>302</b>	<b>307</b>	<b>273</b>	<b>273</b>	<b>268</b>	<b>23.6</b>	<b>23.6</b>	<b>13.1</b>	<b>23.0</b>	<b>24.2</b>	<b>23.7</b>
Primary	237	268	270	232	232	229	20.1	19.7	9.5	19.6	20.9	21.2
Secondary	34	34	38	42	42	39	3.5	3.9	3.6	3.4	3.3	2.5
<b>Exports:*</b>	<b>207</b>	<b>263</b>	<b>267</b>	<b>211</b>	<b>196</b> <sup>(11)</sup>	<b>231</b> <sup>(11)</sup>	<b>11.4</b>	<b>33.5</b>	<b>12.6</b>	<b>14.9</b>	<b>36.8</b>	<b>...</b>
Austria	-	-	9	0	0	-	-	-	-	-	-	...
Bangladesh	3	6	5	4	3	1	0.1	0.2	0.0	0.0	0.1	...
Egypt	1	5	3	2	2	-	-	-	-	-	-	...
Germany	-	6	-	4	3	10	0.8	0.8	1.0	0.5	1.0	...
Hong Kong, China	12	13	11	15	14	14	0.8	1.5	1.8	0.8	1.2	...
India	21	20	13	23	20	29	2.2	2.0	2.0	3.2	4.4	...
Indonesia	16	13	17	11	10	11	1.2	0.8	1.1	1.2	1.2	...
Italy	-	9	1	-	-	-	-	-	-	-	-	...
Korea Rep	28	33	42	49	46	18	0.3	1.5	0.7	1.1	4.0	...
Malaysia	13	15	18	13	12	8	0.6	0.6	0.7	1.0	0.8	...
Netherlands	-	0	21	-	-	0	0.1	0.1	0.0	-	-	...
Oman	3	4	4	-	-	-	-	-	-	-	-	...
Pakistan	5	8	8	7	6	9	1.3	0.6	0.8	0.8	0.8	...
South Africa	11	12	11	13	12	11	1.4	1.1	0.5	0.8	0.3	...
Switzerland	0	0	10	28	28	58	-	20.0	-	-	18.7	...
Taiwan, China	30	30	34	12	11	5	-	0.7	0.7	0.9	0.8	...
Thailand	16	21	25	14	13	24	2.1	2.9	1.8	3.1	2.1	...
United States	37	53	20	-	-	21	-	-	-	-	-	...
Vietnam	6	7	8	10	9	7	0.4	0.4	0.9	0.9	0.7	...
Other	5	7	7	7	6	4	0.3	0.1	0.6	0.6	0.7	...
<b>Consumption</b>	<b>41</b>	<b>39</b>	<b>38</b>	<b>39</b>	<b>39</b>	<b>28</b>	<b>2.7</b>	<b>3.0</b>	<b>1.9</b>	<b>2.1</b>	<b>3.0</b>	<b>1.6</b>
<b>Stocks:</b>												
Producers	42	31	23	6			5.3	4.8	3.5	4.8	3.9	4.4
<b>Principal Uses:**</b>												
Alloys (solder)	1	1	1									
Ammunition	1	1	1									
Batteries	28	28	28									
Cable Sheathing	1	1	1									
Pipe/Sheet	6	6	6									
Miscellaneous	4	3	2									

\* Includes lead alloys.

(11) January-November.

\*\* Refined lead and lead alloys.

Table 14

**Lead: Country Tables: Bulgaria**

Plomb: Tableaux des Pays: Bulgarie

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:						
	2001	2002	2003	2004	2004	2005	2005						
							Jan-Dec	Jul	Aug	Sep	Oct	Nov	Dec
<b>Ores/Concentrates (Lead Content):</b>													
<b>Production</b>	16	24	17	13	13	10	0.5	0.5	0.5	0.5	0.5	0.5	0.7
<b>Imports:</b>	50	31	39	44	...	...	...	...	...	...	...	...	...
Greece	6	2	-	-	...	...	...	...	...	...	...	...	...
Macedonia	8	3	-	-	...	...	...	...	...	...	...	...	...
Morocco	8	5	7	8	...	...	...	...	...	...	...	...	...
Poland	10	6	6	4	...	...	...	...	...	...	...	...	...
Turkey	3	6	1	2	...	...	...	...	...	...	...	...	...
Other	16	10	26	31	...	...	...	...	...	...	...	...	...
<b>Refined Lead:</b>													
<b>Production:</b>	83	66	69	66	66	82	6.8	6.8	6.8	6.8	6.8	6.8	6.8
<b>Imports</b>	0	0	0	1	...	...	...	...	...	...	...	...	...
<b>Exports:</b>	68	58	60	54	...	...	...	...	...	...	...	...	...
Egypt	2	1	0	0	...	...	...	...	...	...	...	...	...
Hungary	3	1	3	2	...	...	...	...	...	...	...	...	...
Italy	14	10	4	6	...	...	...	...	...	...	...	...	...
Netherlands	-	1	1	-	...	...	...	...	...	...	...	...	...
Romania	3	1	0	0	...	...	...	...	...	...	...	...	...
Spain	14	18	10	18	...	...	...	...	...	...	...	...	...
Turkey	17	15	25	15	...	...	...	...	...	...	...	...	...
Ukraine	5	0	1	-	...	...	...	...	...	...	...	...	...
United Kingdom	-	-	1	-	...	...	...	...	...	...	...	...	...
Other	11	9	16	13	...	...	...	...	...	...	...	...	...
<b>Consumption</b>	16	16	17	10	10	12	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Table 15

**Lead: Country Tables: Poland**

Plomb: Tableaux des Pays: Pologne

Thousand tonnes

<b>Ores/Concentrates (Lead Content):</b>													
<b>Production</b>	53	57	42	40	40	38	3.2	3.2	3.2	3.2	3.2	3.2	3.2
<b>Exports:</b>	44	47	52	54	45 <sup>(10)</sup>	49 <sup>(10)</sup>	4.7	4.9	4.1	4.6	...	...	...
Belgium	-	5	5	2	2	0	-	0.2	-	-	...	...	...
Bulgaria	4	2	4	9	6	11	0.6	-	0.6	1.8	...	...	...
China	-	3	7	1	1	8	0.6	1.2	1.8	0.9	...	...	...
Germany	11	21	16	27	22	18	1.9	2.9	0.7	1.1	...	...	...
Kazakhstan	4	-	-	3	3	-	-	-	-	-	...	...	...
Morocco	5	-	7	3	3	-	-	-	-	-	...	...	...
Romania	6	8	7	8	6	9	1.3	0.6	0.7	0.8	...	...	...
Slovak Rep	8	5	4	2	2	3	0.3	-	0.3	-	...	...	...
Other	6	2	3	0	0	0	-	-	-	-	...	...	...
<b>Refined Lead:</b>													
<b>Production:</b>	66	66	60	62	62	65	5.4	5.4	5.4	5.4	5.4	5.4	5.4
<b>Imports:</b>	25	32	34	33	28 <sup>(10)</sup>	28 <sup>(10)</sup>	3.7	3.5	3.3	3.7	...	...	...
Germany	5	6	9	3	2	2	0.2	0.4	0.2	0.4	...	...	...
Kazakhstan	8	12	6	9	7	11	1.3	1.6	1.6	1.5	...	...	...
Sweden	7	10	11	10	8	8	1.1	0.9	0.5	0.8	...	...	...
Other	6	4	8	12	10	7	1.1	0.6	1.0	1.0	...	...	...
<b>Exports:</b>	32	28	35	26	22 <sup>(10)</sup>	23 <sup>(10)</sup>	2.0	2.8	2.3	2.0	...	...	...
Czech Rep.	5	4	3	5	4	2	0.1	0.4	0.2	0.0	...	...	...
Germany	13	16	30	19	17	16	1.4	1.9	1.7	1.5	...	...	...
United Kingdom	7	0	-	-	-	0	-	-	-	-	...	...	...
Other	7	8	2	1	1	5	0.4	0.6	0.3	0.4	...	...	...
<b>Consumption</b>	59	70	58	69	69	70	7.1	6.1	6.4	7.1	5.4	5.4	5.4

(10) January-October.



**Lead: Country Tables: Canada**

Plomb: Tableaux des Pays: Canada

Thousand tonnes

	<b>Annual Totals:</b>				<b>Year to Date:</b>		<b>Monthly Totals:</b>					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Dec		Jul	Aug	Sep	Oct	Nov	Dec
<b>Ores/Concentrates (Lead Content):</b>												
<b>Production</b>	<b>154</b>	<b>97</b>	<b>81</b>	<b>77</b>	<b>77</b>	<b>79</b>	<b>6.8</b>	<b>7.1</b>	<b>6.2</b>	<b>5.7</b>	<b>5.5</b>	<b>6.7</b>
<b>Imports:</b>	<b>54</b>	<b>75</b>	<b>70</b>	<b>93</b>	<b>91<sup>(11)</sup></b>	<b>58<sup>(11)</sup></b>	<b>5.0</b>	<b>10.8</b>	<b>7.4</b>	<b>6.7</b>	<b>2.3</b>	<b>...</b>
Peru	28	45	38	42	42	10	-	-	-	-	-	...
United States	18	11	16	32	30	48	4.8	10.8	7.4	6.7	2.3	...
Other	8	19	16	19	19	0	0.2	-	-	-	0.0	...
<b>Exports:</b>	<b>58</b>	<b>42</b>	<b>8</b>	<b>1</b>	<b>1<sup>(11)</sup></b>	<b>0<sup>(11)</sup></b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>...</b>
Belgium	5	8	-	-	-	-	-	-	-	-	-	...
China	15	11	8	-	-	-	-	-	-	-	-	...
Germany	11	23	-	-	-	-	-	-	-	-	-	...
Sweden	23	-	-	-	-	-	-	-	-	-	-	...
Other	4	-	-	1	1	0	-	-	-	-	-	...
<b>Refined Lead:</b>												
<b>Production:</b>	<b>231</b>	<b>252</b>	<b>223</b>	<b>241</b>	<b>241</b>	<b>229</b>	<b>16.6</b>	<b>7.6</b>	<b>7.6</b>	<b>19.1</b>	<b>25.1</b>	<b>23.0</b>
Primary	127	137	119	131	131	110	9.6	-	0.2	9.2	12.9	12.0
Secondary	104	115	105	110	110	119	7.1	7.6	7.5	9.9	12.1	11.0
<b>Imports</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>3<sup>(11)</sup></b>	<b>2<sup>(11)</sup></b>	<b>0.2</b>	<b>0.1</b>	<b>0.2</b>	<b>0.3</b>	<b>0.3</b>	<b>...</b>
<b>Exports:</b>	<b>144</b>	<b>163</b>	<b>149</b>	<b>150</b>	<b>134<sup>(11)</sup></b>	<b>145<sup>(11)</sup></b>	<b>11.0</b>	<b>8.2</b>	<b>7.4</b>	<b>12.1</b>	<b>17.8</b>	<b>...</b>
United States	142	152	142	138	123	141	10.7	8.2	7.4	12.0	17.8	...
Other	2	10	7	11	11	3	0.3	0.0	-	0.1	-	...
<b>Consumption</b>	<b>55</b>	<b>58</b>	<b>51</b>	<b>52</b>	<b>52</b>	<b>44</b>	<b>3.0</b>	<b>2.5</b>	<b>2.9</b>	<b>3.0</b>	<b>2.9</b>	<b>4.8</b>
<b>Stocks:</b>												
Producers	11	8	8	5	87	67	9.6	5.3	2.4	3.9	5.1	5.0
<b>Principal Uses:*</b>												
Alloys (solder)	4	3	3									
Batteries	56	60	62									
Chemicals	5	5	5									
Semi-Manufacture	2	2	2									
Miscellaneous	5	5	4									

\* Refined lead and lead alloys. Chemicals includes Gasoline Additives.

(11) January-November.

**Lead: Country Tables: China**  
 Plomb: Tableaux des Pays: Chine  
 Thousand tonnes

	<b>Annual Totals:</b>				<b>Year to Date:</b>		<b>Monthly Totals:</b>					
	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2004</b>	<b>2005</b>	<b>2005</b>					
					<b>Jan-Dec</b>		<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
<b>Ores/Concentrates (Lead Content):</b>												
<b>Production</b>	<b>599</b>	<b>641</b>	<b>955</b>	<b>951</b>	<b>951</b>	<b>1,018</b>	<b>86.5</b>	<b>95.7</b>	<b>89.4</b>	<b>91.0</b>	<b>91.0</b>	<b>91.0</b>
<b>Imports:</b>	<b>255</b>	<b>216</b>	<b>374</b>	<b>454</b>	<b>454</b>	<b>567</b>	<b>33.0</b>	<b>59.7</b>	<b>72.7</b>	<b>51.9</b>	<b>63.3</b>	<b>56.7</b>
Australia	108	26	62	84	84	101	-	22.0	8.0	9.9	17.0	10.9
Canada	24	15	19	2	2	-	-	-	-	-	-	-
Germany	16	12	17	12	12	21	2.7	0.0	3.0	-	-	3.9
India	7	9	8	11	11	11	-	-	-	-	-	-
Iran	18	14	12	14	14	29	1.4	4.0	-	5.0	6.2	0.3
Korea Rep	-	13	12	34	34	36	0.8	2.6	2.5	2.6	2.5	11.2
Mexico	29	3	8	7	7	10	1.2	0.7	0.7	0.8	0.6	0.6
Namibia	7	16	15	12	12	11	-	4.3	-	-	-	-
Peru	11	36	78	103	103	111	5.0	6.4	16.7	18.2	5.1	8.3
Russian Federation	0	8	9	1	1	20	1.2	6.8	1.3	1.6	1.7	3.2
Spain	10	7	8	3	3	-	-	-	-	-	-	-
Thailand	2	10	9	-	-	2	-	-	-	-	2.4	-
United States	4	31	65	97	97	123	12.8	7.7	33.4	4.4	18.7	10.1
Other	20	17	53	73	73	93	7.9	5.3	7.0	9.3	9.0	8.2
<b>Exports</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>0.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Lead Bullion:</b>												
<b>Imports</b>	<b>20</b>	<b>25</b>	<b>30</b>	<b>42</b>	<b>42</b>	<b>21</b>	<b>1.5</b>	<b>1.4</b>	<b>1.5</b>	<b>1.7</b>	<b>1.3</b>	<b>1.5</b>
<b>Exports</b>	<b>24</b>	<b>18</b>	<b>16</b>	<b>17</b>	<b>17</b>	<b>10</b>	<b>1.0</b>	<b>0.7</b>	<b>0.8</b>	<b>0.9</b>	<b>1.1</b>	<b>1.6</b>
<b>Refined Lead:</b>												
<b>Production:</b>	<b>1,195</b>	<b>1,325</b>	<b>1,564</b>	<b>1,812</b>	<b>1,812</b>	<b>2,383</b>	<b>215.3</b>	<b>203.9</b>	<b>221.9</b>	<b>233.0</b>	<b>229.0</b>	<b>230.0</b>
Primary	984	1,072	1,330	1,499	1,499	1,846	152.6	158.3	164.0	167.2	165.0	165.0
Secondary	211	252	234	313	313	537	62.8	45.6	58.0	65.9	64.0	65.0
<b>Imports:</b>	<b>15</b>	<b>33</b>	<b>29</b>	<b>46</b>	<b>46</b>	<b>37</b>	<b>2.6</b>	<b>2.7</b>	<b>3.2</b>	<b>2.9</b>	<b>3.2</b>	<b>3.0</b>
Australia	10	10	12	15	15	17	1.8	1.3	1.5	1.3	1.2	1.9
Korea Rep	3	3	6	8	8	0	0.0	0.0	0.1	0.0	0.1	0.0
Spain	-	16	-	-	-	-	-	-	-	-	-	-
Other	2	4	10	23	23	20	0.8	1.4	1.6	1.5	1.9	1.1
<b>Exports:</b>	<b>448</b>	<b>399</b>	<b>438</b>	<b>448</b>	<b>448</b>	<b>455</b>	<b>44.7</b>	<b>34.7</b>	<b>22.0</b>	<b>36.9</b>	<b>36.5</b>	<b>52.7</b>
Brazil	8	2	2	2	2	2	-	-	-	-	-	0.6
Hong Kong, China	38	25	34	40	40	46	4.6	2.6	0.9	2.6	4.4	4.8
India	1	2	26	30	30	16	2.7	1.5	0.6	1.0	1.6	0.5
Indonesia	19	31	45	42	42	28	2.5	1.4	2.5	2.5	2.2	2.2
Italy	5	32	27	12	12	15	-	-	0.4	-	1.6	5.9
Japan	27	6	6	7	7	16	0.4	0.3	1.8	4.6	2.4	4.0
Korea Rep	99	97	106	95	95	133	13.9	10.7	8.5	10.2	14.0	15.1
Malaysia	16	20	29	40	40	6	0.2	0.2	0.0	0.1	0.9	0.3
Netherlands	6	2	38	6	6	3	-	-	-	-	-	1.0
Philippines	1	3	1	5	5	0	-	-	0.0	-	0.0	-
Singapore	84	71	16	16	16	42	10.9	-	-	1.0	0.3	6.1
Taiwan, China	61	46	38	77	77	86	5.1	7.7	5.7	7.9	6.8	6.9
Thailand	19	28	50	57	57	30	3.8	3.4	1.2	2.6	0.9	3.9
United States	56	18	-	-	-	22	-	6.5	-	4.0	-	-
Other	9	14	20	19	19	10	0.7	0.3	0.3	0.3	1.4	1.6
<b>Consumption</b>	<b>700</b>	<b>950</b>	<b>1,183</b>	<b>1,390</b>	<b>1,390</b>	<b>1,917</b>	<b>169.2</b>	<b>167.9</b>	<b>199.2</b>	<b>195.0</b>	<b>191.7</b>	<b>176.2</b>

## Lead: Country Tables: France

Plomb: Tableaux des Pays: France

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005	Aug	Sep	Oct	Nov	Dec
					Jan-Dec		Jul					
<b>Ores/Concentrates (Lead Content):</b>												
<b>Imports:</b>	<b>109</b>	<b>88</b>	<b>0</b>	<b>0</b>	<b>0<sup>(11)</sup></b>	<b>0<sup>(11)</sup></b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>-</b>	<b>0.0</b>	<b>...</b>
Australia	8	7	-	-	-	0	-	-	-	-	-	...
Canada	-	7	-	-	-	-	-	-	-	-	-	...
Germany	13	11	0	-	-	-	-	-	-	-	-	...
Ireland	10	2	-	-	-	-	-	-	-	-	-	...
Peru	6	9	-	-	-	-	-	-	-	-	-	...
South Africa	18	21	-	-	-	-	-	-	-	-	-	...
Spain	9	4	-	-	-	0	-	-	0.0	-	0.0	...
Sweden	20	8	-	-	-	-	-	-	-	-	-	...
United States	13	13	-	-	-	-	-	-	-	-	-	...
Other	12	7	0	0	0	0	0.0	0.0	-	-	-	...
<b>Lead Bullion:</b>												
<b>Imports</b>	<b>6</b>	<b>7</b>	<b>3</b>	<b>6</b>	<b>6<sup>(11)</sup></b>	<b>3<sup>(11)</sup></b>	<b>0.0</b>	<b>0.2</b>	<b>0.1</b>	<b>0.4</b>	<b>0.1</b>	<b>...</b>
<b>Exports</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>1<sup>(11)</sup></b>	<b>1<sup>(11)</sup></b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>	<b>...</b>
<b>Refined Lead:</b>												
<b>Production:</b>	<b>230</b>	<b>203</b>	<b>101</b>	<b>104</b>	<b>104</b>	<b>92</b>	<b>5.9</b>	<b>3.7</b>	<b>8.5</b>	<b>8.4</b>	<b>8.1</b>	<b>7.5</b>
Primary	98	82	7	-	-	-	-	-	-	-	-	-
Secondary	132	121	94	104	104	92	5.9	3.7	8.5	8.4	8.1	7.5
<b>Imports:*</b>	<b>74</b>	<b>74</b>	<b>101</b>	<b>86</b>	<b>79<sup>(11)</sup></b>	<b>100<sup>(11)</sup></b>	<b>10.2</b>	<b>6.5</b>	<b>10.9</b>	<b>9.4</b>	<b>10.1</b>	<b>...</b>
Belgium	13	12	19	15	14	27	2.0	2.2	2.5	2.7	3.5	...
Germany	31	30	38	29	28	38	5.2	2.4	4.9	3.9	5.0	...
Netherlands	0	0	7	8	7	4	0.1	-	0.0	0.7	0.0	...
United Kingdom	26	28	27	13	11	20	2.3	1.5	2.8	1.4	1.1	...
United States	0	0	6	2	2	0	-	0.0	-	-	-	...
Other	5	4	4	20	17	10	0.5	0.5	0.7	0.7	0.4	...
<b>Exports:*</b>	<b>61</b>	<b>56</b>	<b>11</b>	<b>5</b>	<b>4<sup>(11)</sup></b>	<b>5<sup>(11)</sup></b>	<b>0.5</b>	<b>0.1</b>	<b>0.4</b>	<b>0.5</b>	<b>0.7</b>	<b>...</b>
Belgium	6	5	1	1	1	1	0.2	0.0	0.2	0.2	0.2	...
Germany	18	24	4	1	1	2	0.2	0.0	0.2	0.1	0.2	...
Italy	12	3	0	0	0	0	-	-	-	-	-	...
Netherlands	3	6	2	0	0	0	-	-	0.0	0.0	-	...
Portugal	0	0	0	0	0	0	-	0.0	-	-	-	...
Spain	20	15	2	1	1	1	-	0.1	0.0	0.1	0.2	...
Other	1	4	1	1	1	1	0.1	0.0	0.1	0.1	0.0	...
<b>Consumption</b>	<b>265</b>	<b>230</b>	<b>220</b>	<b>215</b>	<b>215</b>	<b>215</b>	<b>17.9</b>	<b>17.9</b>	<b>17.9</b>	<b>17.9</b>	<b>17.9</b>	<b>17.9</b>
<b>Principal Uses:**</b>	<b>283</b>	<b>277</b>	<b>258</b>									
Alloys (solder)	4	4	4									
Ammunition	7	7	7									
Batteries	208	203	196									
Cable Sheathing	11	9	8									
Oxides	19	22	16									
Semi-Manufacture	19	19	19									
Miscellaneous	14	14	8									

\* Includes lead alloys.

(11) January-November.

\*\* Consumption of refined lead/lead alloys and direct use of lead recovered from scrap materials.

## Lead: Country Tables: Germany

Plomb: Tableaux des Pays: Allemagne

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Dec		Jul	Aug	Sep	Oct	Nov	Dec
<b>Ores/Concentrates (Lead Content):</b>												
<b>Imports:</b>	<b>146</b>	<b>122</b>	<b>108</b>	<b>121</b>	<b>112</b> <sup>(11)</sup>	<b>90</b> <sup>(11)</sup>	<b>5.8</b>	<b>6.7</b>	<b>7.6</b>	<b>1.0</b>	<b>21.0</b>	<b>...</b>
Australia	37	30	19	29	26	19	-	-	-	-	6.0	...
Canada	19	28	13	1	1	-	-	-	-	-	-	...
Ireland	5	5	14	9	9	18	-	1.8	1.9	-	9.1	...
Morocco	4	5	4	6	3	2	-	-	-	-	-	...
Poland	9	21	15	17	17	8	1.5	0.8	-	0.9	2.0	...
South Africa	19	7	12	18	18	8	-	-	3.4	-	-	...
Spain	6	-	-	1	1	-	-	-	-	-	-	...
Sweden	30	15	24	25	23	21	-	2.4	2.4	-	2.4	...
Other	17	11	8	14	14	14	4.3	1.7	0.0	0.2	1.5	...
<b>Lead Bullion:</b>												
<b>Imports</b>	<b>17</b>	<b>19</b>	<b>22</b>	<b>8</b>	<b>8</b> <sup>(11)</sup>	<b>3</b> <sup>(11)</sup>	<b>0.2</b>	<b>...</b>	<b>...</b>	<b>0.2</b>	<b>...</b>	<b>...</b>
<b>Refined Lead:</b>												
<b>Production:</b>	<b>375</b>	<b>378</b>	<b>357</b>	<b>411</b>	<b>411</b>	<b>404</b>	<b>34.6</b>	<b>33.6</b>	<b>30.0</b>	<b>30.0</b>	<b>30.0</b>	<b>30.0</b>
Primary	157	141	132	134	134	141	10.5	14.9	10.0	10.0	10.0	10.0
Secondary	218	237	225	277	277	262	24.1	18.6	20.0	20.0	20.0	20.0
<b>Imports:</b>	<b>157</b>	<b>136</b>	<b>134</b>	<b>89</b>	<b>76</b> <sup>(11)</sup>	<b>73</b> <sup>(11)</sup>	<b>15.8</b>	<b>5.9</b>	<b>3.3</b>	<b>8.9</b>	<b>6.6</b>	<b>...</b>
Belgium	18	15	18	11	7	18	6.7	1.7	0.9	1.4	2.0	...
Czech Rep.	2	4	4	3	3	2	0.2	0.1	0.0	0.2	0.2	...
France	10	9	3	2	1	1	0.5	-	-	-	-	...
Kazakhstan	12	0	0	0	0	-	-	-	-	-	-	...
Netherlands	1	0	11	5	3	3	1.1	0.2	-	-	0.1	...
Poland	16	12	23	16	14	12	2.3	1.1	0.7	1.8	0.9	...
Sweden	17	22	25	19	17	12	1.6	0.9	0.9	1.3	0.8	...
Switzerland	4	3	3	3	3	2	0.3	0.1	0.1	0.2	0.2	...
United Kingdom	72	64	35	20	18	19	2.9	1.4	0.5	3.4	2.0	...
Other	5	6	15	10	10	5	0.3	0.5	0.2	0.6	0.4	...
<b>Exports:</b>	<b>145</b>	<b>133</b>	<b>100</b>	<b>79</b>	<b>73</b> <sup>(11)</sup>	<b>90</b> <sup>(11)</sup>	<b>5.8</b>	<b>6.1</b>	<b>8.7</b>	<b>4.3</b>	<b>14.3</b>	<b>...</b>
Austria	20	26	13	9	8	14	0.4	0.9	1.5	0.6	2.2	...
Belgium	6	3	3	3	3	1	0.1	0.2	0.2	-	0.2	...
Czech Rep.	34	38	36	29	26	23	2.0	1.1	1.0	2.6	3.6	...
France	33	29	31	13	12	38	2.5	2.5	4.6	0.5	7.6	...
Ireland	7	11	-	-	-	-	-	-	-	-	-	...
Italy	6	2	0	0	0	3	0.0	0.3	0.5	-	0.2	...
Netherlands	9	8	5	12	11	5	0.4	0.4	0.1	-	0.1	...
Poland	5	8	9	3	3	4	0.4	0.5	0.6	0.5	0.4	...
United Kingdom	22	5	0	5	5	1	-	0.1	0.2	0.1	0.1	...
Other	4	3	3	5	5	1	0.1	0.1	0.1	0.1	0.1	...
<b>Consumption</b>	<b>404</b>	<b>385</b>	<b>384</b>	<b>395</b>	<b>395</b>	<b>387</b>	<b>46.0</b>	<b>32.8</b>	<b>26.1</b>	<b>34.1</b>	<b>23.9</b>	<b>27.6</b>
<b>Stocks:</b>												
Consumers	13	12	8	20			17.0	17.0	16.0	16.0	15.0	15.0
Merchant Stocks	0	1	0	1			0.6	0.6	0.5	0.5	0.4	0.4
<b>Principal Uses:*</b>												
Alloys (solder)	8	6	4									
Batteries	242	232	247									
Cable Sheathing	2	2	2									
Chemicals	74	62	53									
Pipe/Sheet/Shot	58	64	60									
Miscellaneous	5	5	5									

\* Consumption of refined lead, lead alloys and direct use of lead recovered from scrap materials.

(11) January-November.

**Lead: Country Tables: Italy**  
 Plomb: Tableaux des Pays: Italie  
 Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005	Aug	Sep	Oct	Nov	Dec
					Jan-Dec		Jul					
<b>Ores/Concentrates (Lead Content):</b>												
<b>Production</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>6</b>	<i>0.5</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>
<b>Imports:</b>	<b>66</b>	<b>63</b>	<b>52</b>	<b>59</b>	<b>42</b> <sup>(10)</sup>	<b>54</b> <sup>(10)</sup>	<b>8.6</b>	<b>5.2</b>	<b>9.7</b>	<b>3.6</b>	...	...
Australia	-	-	-	-	-	-	-	-	-	-	...	...
Canada	6	-	1	-	-	-	-	-	-	-	...	...
Germany	10	-	-	-	-	-	-	-	-	-	...	...
Greece	7	14	-	2	2	0	-	-	-	-	...	...
Ireland	6	2	14	8	5	6	-	2.2	-	-	...	...
Morocco	6	3	3	4	4	6	-	1.7	-	-	...	...
Peru	3	13	12	6	2	23	5.0	-	7.2	-	...	...
South Africa	6	-	7	2	2	-	-	-	-	-	...	...
Spain	10	-	-	-	-	-	-	-	-	-	...	...
Sweden	-	9	4	-	-	-	-	-	-	-	...	...
United States	8	16	7	18	12	-	-	-	-	-	...	...
Other	3	6	4	19	14	19	3.6	1.3	2.6	3.6	...	...
<b>Exports</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>0</b>	<b>0</b> <sup>(10)</sup>	<b>0</b> <sup>(10)</sup>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.0</b>	...	...
<b>Refined Lead:</b>												
<b>Production:</b>	<b>227</b>	<b>196</b>	<b>214</b>	<b>202</b>	<b>202</b>	<b>204</b>	<i>15.2</i>	<i>15.2</i>	<i>15.2</i>	<i>15.2</i>	<i>15.2</i>	<i>15.5</i>
Primary	58	41	48	40	40	49	3.7	3.7	3.7	3.7	3.7	3.9
Secondary	169	155	166	162	162	155	11.5	11.5	11.5	11.5	11.5	11.6
<b>Imports:</b>	<b>77</b>	<b>107</b>	<b>61</b>	<b>95</b>	<b>84</b> <sup>(10)</sup>	<b>56</b> <sup>(10)</sup>	<b>6.2</b>	<b>3.3</b>	<b>7.7</b>	<b>4.7</b>	...	...
Bulgaria	9	11	5	7	7	3	-	0.0	0.2	0.7	...	...
China	3	52	31	20	18	11	1.4	0.6	0.5	0.2	...	...
France	6	3	0	0	0	0	-	0.1	0.1	0.1	...	...
Germany	3	1	0	0	0	3	0.3	0.2	0.5	0.5	...	...
Kazakhstan	15	1	-	4	3	10	1.1	0.9	2.2	-	...	...
Peru	15	14	14	14	12	9	1.0	0.7	0.2	0.9	...	...
Sweden	1	1	1	1	1	1	0.3	0.0	0.2	0.3	...	...
United Kingdom	7	5	0	1	1	1	0.1	-	-	0.1	...	...
Other	18	19	9	48	43	19	2.0	0.7	3.7	2.0	...	...
<b>Exports:</b>	<b>5</b>	<b>18</b>	<b>20</b>	<b>22</b>	<b>17</b> <sup>(10)</sup>	<b>13</b> <sup>(10)</sup>	<b>0.4</b>	<b>0.1</b>	<b>5.8</b>	<b>0.4</b>	...	...
Austria	1	5	0	3	3	0	0.0	-	-	0.0	...	...
Netherlands	-	-	5	-	-	-	-	-	-	-	...	...
Portugal	-	8	10	0	-	0	-	-	0.0	0.1	...	...
Spain	2	1	0	14	11	11	0.0	-	5.6	0.0	...	...
Turkey	1	3	2	3	1	0	-	-	-	0.0	...	...
Other	1	1	4	2	2	2	0.4	0.1	0.2	0.2	...	...
<b>Consumption</b>	<b>284</b>	<b>286</b>	<b>258</b>	<b>272</b>	<b>272</b>	<b>275</b>	<b>23.5</b>	<b>16.6</b>	<b>23.5</b>	<b>23.5</b>	<b>23.5</b>	<b>23.5</b>
<b>Principal Uses:*</b>	<b>283</b>	<b>290</b>	<b>258</b>									
Alloys (solder)	3	3	3									
Ammunition	16	16	15									
Batteries	210	219	192									
Cable Sheathing	6	1	1									
Oxides	29	29	26									
Semi-Manufacture	10	10	11									
Miscellaneous	9	11	10									

\* Consumption of refined lead and lead alloys and direct use of lead recovered from scrap materials.

(10) January-October.

## Lead: Country Tables: Japan

Plomb: Tableaux des Pays: Japon

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Dec		Jul	Aug	Sep	Oct	Nov	Dec
<b>Ores/Concentrates (Lead Content):</b>												
<b>Production</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>3</b>	<b>0.4</b>	<b>0.2</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.4</b>
<b>Imports:</b>	<b>117</b>	<b>117</b>	<b>109</b>	<b>94</b>	<b>90</b> <sup>(11)</sup>	<b>97</b> <sup>(11)</sup>	<b>9.1</b>	<b>18.5</b>	<b>6.0</b>	<b>24.5</b>	<b>5.2</b>	<b>...</b>
Australia	42	53	41	32	30	39	6.8	2.5	4.1	0.5	3.4	...
Peru	12	10	11	1	1	5	0.7	0.9	0.5	0.2	0.1	...
Russian Federation	4	1	2	6	5	6	0.6	1.0	0.8	0.2	1.2	...
South Africa	4	2	3	-	-	-	-	-	-	-	-	...
United States	36	34	41	44	43	41	0.4	13.8	0.5	23.5	0.4	...
Other	21	16	11	12	11	7	0.6	0.2	0.0	0.0	0.2	...
<b>Stocks:</b>	<b>29</b>	<b>27</b>	<b>33</b>	<b>36</b>			<b>20.6</b>	<b>28.8</b>	<b>25.7</b>	<b>45.5</b>	<b>45.6</b>	<b>46.0</b>
At Mines	1	1	1	1			0.6	0.8	0.5	0.8	0.6	1.0
At Smelters	28	26	32	34			20.0	28.0	25.2	44.7	45.0	45.0
<b>Lead Bullion:</b>												
<b>Imports</b>	<b>4</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b> <sup>(11)</sup>	<b>-</b> <sup>(11)</sup>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>...</b>
<b>Refined Lead:</b>												
<b>Production:</b>	<b>302</b>	<b>286</b>	<b>295</b>	<b>283</b>	<b>283</b>	<b>279</b>	<b>24.5</b>	<b>22.6</b>	<b>19.4</b>	<b>18.5</b>	<b>23.4</b>	<b>25.7</b>
Primary	127	108	105	94	94	104	10.0	10.3	8.3	5.4	8.3	9.3
Secondary	175	178	190	189	189	174	14.4	12.3	11.1	13.1	15.1	16.4
<b>Imports:</b>	<b>32</b>	<b>8</b>	<b>7</b>	<b>8</b>	<b>7</b> <sup>(11)</sup>	<b>14</b> <sup>(11)</sup>	<b>0.4</b>	<b>0.6</b>	<b>1.5</b>	<b>3.8</b>	<b>5.2</b>	<b>...</b>
China	27	7	6	7	6	14	0.4	0.6	1.5	3.8	5.0	...
Peru	2	1	0	1	1	0	-	-	-	-	0.2	...
Other	3	0	0	0	0	0	0.0	0.0	-	0.0	0.0	...
<b>Exports:</b>	<b>1</b>	<b>10</b>	<b>8</b>	<b>3</b>	<b>2</b> <sup>(11)</sup>	<b>4</b> <sup>(11)</sup>	<b>0.4</b>	<b>1.1</b>	<b>0.5</b>	<b>0.2</b>	<b>0.0</b>	<b>...</b>
Indonesia	-	3	2	0	0	1	-	0.4	0.1	-	0.0	...
Malaysia	-	2	3	0	0	1	0.2	0.2	0.2	-	-	...
Thailand	-	1	3	0	0	0	-	0.1	-	-	-	...
Other	1	5	1	2	2	2	0.2	0.4	0.3	0.2	0.0	...
<b>Consumption</b>	<b>284</b>	<b>303</b>	<b>311</b>	<b>292</b>	<b>292</b>	<b>287</b>	<b>24.4</b>	<b>23.5</b>	<b>24.2</b>	<b>25.6</b>	<b>24.0</b>	<b>24.0</b>
<b>Stocks:</b>												
Primary:												
Producers	25	16	7	6			10.8	10.8	9.3	4.2	4.9	5.9
Consumers	12	7	6	6			5.0	4.6	3.2	2.9	3.0	3.0
Merchants	1	0	0	0			0.3	0.3	0.1	0.9	1.0	1.0
Secondary:												
Consumers	8	6	5	5			5.1	4.4	3.9	4.9	5.0	5.0
Merchants	0	0	0	0			0.2	0.2	0.2	0.3	0.2	0.2
<b>Principal Uses:*</b>	<b>284</b>	<b>303</b>	<b>311</b>	<b>292</b>	<b>292</b>	<b>287</b>	<b>24.4</b>	<b>23.5</b>	<b>24.2</b>	<b>25.6</b>	<b>24.0</b>	<b>24.0</b>
Alloys (solder)	8	9	9	9	9	8	0.6	0.6	0.8	0.6	0.8	0.8
Batteries	211	243	244	219	219	202	18.3	16.7	18.2	18.7	13.3	13.3
Cable Sheathing	6	-	-	-	-	-	-	-	-	-	-	-
Chemicals	30	20	21	26	26	21	1.3	1.8	1.4	2.0	2.1	2.1
Pipe/Sheet	3	7	10	14	14	19	1.7	2.5	1.9	2.0	0.3	0.3
Miscellaneous	25	24	27	25	25	38	2.6	1.9	2.0	2.2	7.6	7.6

\* Primary and secondary refined lead.

(11) January-November.

Table 22

**Lead: Country Tables: Mexico**

Plomb: Tableaux des Pays: Mexique

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005	Aug	Sep	Oct	Nov	Dec
					Jan-Dec		Jul					
<b>Ores/Concentrates (Lead Content):</b>												
<b>Production</b>	149	139	144	142	142	153	14.0	12.0	13.1	15.0	11.5	11.5
<b>Imports:</b>	22	19	18	32	25 <sup>(9)</sup>	35 <sup>(9)</sup>	3.8	4.4	5.4	...	...	...
Peru	5	6	4	17	10	19	3.6	-	4.2	...	...	...
United States	16	10	1	7	6	11	0.1	3.9	0.0	...	...	...
Other	1	3	14	9	8	5	-	0.6	1.1	...	...	...
<b>Exports</b>	18	6	6	16	15 <sup>(9)</sup>	5 <sup>(9)</sup>	0.8	0.8	0.9	...	...	...
<b>Refined Lead:</b>												
<b>Production:</b>	234	232	239	242	242	250	21.2	21.2	20.1	20.7	20.7	20.7
Primary	142	126	129	132	132	140	12.0	12.0	10.9	11.5	11.5	11.5
Secondary	92	106	110	110	110	110	9.2	9.2	9.2	9.2	9.2	9.2
<b>Imports:</b>	31	44	33	21	13 <sup>(9)</sup>	24 <sup>(9)</sup>	2.4	3.2	0.7	...	...	...
Peru	13	19	3	-	-	1	-	-	-	...	...	...
United States	12	24	28	19	11	20	2.0	2.8	0.3	...	...	...
Other	6	2	3	2	1	4	0.4	0.4	0.4	...	...	...
<b>Exports:</b>	13	9	12	9	8 <sup>(9)</sup>	12 <sup>(9)</sup>	2.7	3.0	2.2	...	...	...
United States	13	8	8	7	6	10	2.3	2.9	1.6	...	...	...
Other	1	1	4	2	2	2	0.4	0.0	0.5	...	...	...
<b>Consumption</b>	251	267	259	262	262	259	20.4	20.9	18.1	21.2	21.2	21.7

(9) January-September.

Table 23

**Lead: Country Tables: Peru**

Plomb: Tableaux des Pays: Pérou

Thousand tonnes

**Ores/Concentrates (Lead Content):**

<b>Production</b>	289	297	308	306	306	318	26.4	28.3	27.8	30.5	26.3	26.0
<b>Exports:</b>	151	179	178	186	151 <sup>(10)</sup>	171 <sup>(10)</sup>	16.5	27.0	10.6	9.7	...	...
Australia	1	12	5	3	-	-	-	-	-	-	...	...
Belgium	21	14	6	-	-	9	-	-	-	1.4	...	...
Canada	39	31	25	13	13	3	-	-	-	-	...	...
China	15	45	95	118	88	82	16.5	15.8	4.1	3.0	...	...
Italy	3	18	8	6	6	25	-	7.3	-	-	...	...
Japan	8	14	7	2	2	6	-	-	1.0	-	...	...
Korea Rep	21	28	23	13	13	20	-	-	2.8	5.2	...	...
Mexico	5	5	4	17	15	19	-	1.5	2.7	-	...	...
Russian Federation	26	12	5	12	12	7	-	2.4	-	-	...	...
Other	12	-	1	1	1	-	-	-	-	-	...	...

**Refined Lead:**

<b>Production:</b>	118	120	112	119	119	122	10.1	10.0	10.3	10.8	9.9	10.0
<b>Exports:</b>	115	109	109	113	94 <sup>(10)</sup>	96 <sup>(10)</sup>	11.7	7.9	11.4	8.9	...	...
Brazil	40	34	34	29	26	31	4.2	2.2	3.2	4.0	...	...
Chile	5	2	2	2	2	4	0.3	0.8	0.0	0.0	...	...
Colombia	9	8	10	9	8	4	0.3	0.3	0.4	0.3	...	...
Italy	17	12	17	16	13	8	0.7	0.7	0.9	0.8	...	...
Mexico	14	14	1	-	-	1	-	-	-	-	...	...
Spain	12	15	24	21	18	12	1.4	1.5	1.2	-	...	...
Taiwan, China	2	4	3	6	5	2	0.1	0.2	0.1	0.2	...	...
Venezuela	6	5	4	11	9	6	0.7	1.0	0.7	0.7	...	...
Other	9	16	13	20	12	28	4.2	1.3	4.8	3.0	...	...
<b>Consumption</b>	15	12	11	11	11	11	0.9	0.9	0.9	0.9	0.9	0.9

(10) January-October.

Table 24

**Lead: Country Tables: Russian Federation**

Plomb: Tableaux des Pays: Russie, Fédération de

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Dec		Jul	Aug	Sep	Oct	Nov	Dec
<b>Ores/Concentrates (Lead Content):</b>												
<b>Production</b>	14	19	24	23	23	37	3.0	3.0	3.0	3.0	3.0	3.0
<b>Imports</b>	0	-	-	-	- <sup>(9)</sup>	- <sup>(9)</sup>	-	-	-	...	...	...
<b>Exports:</b>	11	18	17	21	14 <sup>(9)</sup>	20 <sup>(9)</sup>	4.5	6.0	1.5	...	...	...
China	1	6	10	1	1	11	4.5	5.0	-	...	...	...
Japan	5	-	1	7	5	5	-	1.0	1.5	...	...	...
Kazakhstan	4	8	6	11	6	1	-	-	-	...	...	...
Korea Rep	-	4	-	1	1	3	-	-	-	...	...	...
Other	-	-	-	-	-	-	-	-	-	...	...	...
<b>Refined Lead:</b>												
<b>Production:</b>	58	63	66	70	70	60	5.0	5.0	5.0	5.0	5.0	5.0
Primary	...	...	5	2	2	-	-	-	-	-	-	-
Secondary	...	...	61	69	69	60	5.0	5.0	5.0	5.0	5.0	5.0
<b>Imports:</b>	42	46	45	29	22 <sup>(9)</sup>	18 <sup>(9)</sup>	1.8	1.9	1.4	...	...	...
Kazakhstan	38	41	40	22	16	15	1.6	1.4	1.3	...	...	...
Ukraine	3	5	4	5	4	2	0.2	0.3	0.1	...	...	...
Other	1	0	1	1	1	1	0.0	0.2	0.1	...	...	...
<b>Exports</b>	8	3	3	19	10 <sup>(9)</sup>	6 <sup>(9)</sup>	0.4	0.7	0.4	...	...	...
<b>Consumption</b>	94	111	112	84	84	85	7.1	7.1	7.1	7.1	7.1	7.1

(9) January-September.

Table 25

**Lead: Country Tables: Kazakhstan**

Plomb: Tableaux des Pays: Kazakstan

Thousand tonnes

<b>Ores/Concentrates (Lead Content):</b>												
<b>Production</b>	43	43	44	44	44	50	4.2	4.2	4.2	4.2	4.2	4.2
<b>Imports:</b>	64	...	34	58	...	...	...	...	...	...	...	...
Australia	9	...	6	3	...	...	...	...	...	...	...	...
Peru	31	...	11	22	...	...	...	...	...	...	...	...
Russian Federation	2	...	7	12	...	...	...	...	...	...	...	...
United States	7	...	1	-	...	...	...	...	...	...	...	...
Other	16	...	9	22	...	...	...	...	...	...	...	...
<b>Refined Lead:</b>												
<b>Production:</b>	159	152	141	144	144	142	11.8	11.8	11.8	11.8	11.8	11.8
<b>Exports:</b>	48	...	102	126	...	...	...	...	...	...	...	...
Russian Federation	5	...	39	21	...	...	...	...	...	...	...	...
Sweden	-	...	-	-	...	...	...	...	...	...	...	...
Turkey	9	...	2	30	...	...	...	...	...	...	...	...
United Kingdom	2	...	-	0	...	...	...	...	...	...	...	...
Other	32	...	61	74	...	...	...	...	...	...	...	...
<b>Consumption</b>	14	11	10	12	12	12	1.0	1.0	1.0	1.0	1.0	1.0

N.B. Trade data are incomplete.



## Lead: Country Tables: United Kingdom

Plomb: Tableaux des Pays: Royaume-Uni

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005	Aug	Sep	Oct	Nov	Dec
					Jan-Dec		Jul					
<b>Ores/Concentrates (Lead Content):</b>												
<b>Production</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>
<b>Imports:</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b> <sup>(10)</sup>	<b>0</b> <sup>(10)</sup>	-	-	-	-	...	...
Ireland	4	-	-	-	-	-	-	-	-	-	...	...
Other	4	0	0	0	0	0	-	-	-	-	...	...
<b>Lead Bullion:</b>												
<b>Production</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<b>48</b>	<i>4.0</i>	<i>4.0</i>	<i>4.0</i>	<i>4.0</i>	<i>4.0</i>	<i>4.0</i>
<b>Imports:</b>	<b>186</b>	<b>185</b>	<b>175</b>	<b>144</b>	<b>115</b> <sup>(10)</sup>	<b>149</b> <sup>(10)</sup>	<b>0.1</b>	<b>17.8</b>	<b>11.9</b>	<b>20.7</b>	...	...
Australia	152	139	141	124	96	145	-	17.4	11.6	20.2	...	...
Germany	33	33	27	4	4	0	-	-	-	-	...	...
Other	2	12	7	16	15	4	0.1	0.3	0.3	0.5	...	...
<b>Exports:</b>	<b>8</b>	<b>5</b>	<b>4</b>	<b>1</b>	<b>1</b> <sup>(10)</sup>	<b>3</b> <sup>(10)</sup>	<b>0.1</b>	<b>0.5</b>	<b>0.4</b>	<b>0.3</b>	...	...
Germany	6	4	1	-	-	-	-	-	-	-	...	...
Other	2	1	3	1	1	3	0.1	0.5	0.4	0.3	...	...
<b>Stocks</b>	<b>16</b>	<b>23</b>	<b>7</b>	<b>28</b>			<b>6.3</b>	<b>11.1</b>	<b>7.9</b>	<b>20.6</b>	<b>6.2</b>	<b>23.5</b>
<b>Refined Lead:</b>												
<b>Production:</b>	<b>382</b>	<b>368</b>	<b>320</b>	<b>243</b>	<b>243</b>	<b>304</b>	<i>26.2</i>	<i>24.2</i>	<i>26.6</i>	<i>25.5</i>	<i>27.3</i>	<i>21.5</i>
Primary	198	193	163	122	122	161	14.2	12.3	14.7	13.5	15.3	9.6
Secondary	183	175	158	120	120	143	<i>11.9</i>	<i>11.9</i>	<i>11.9</i>	<i>11.9</i>	<i>11.9</i>	<i>11.9</i>
<b>Imports:</b>	<b>31</b>	<b>29</b>	<b>20</b>	<b>35</b>	<b>29</b> <sup>(10)</sup>	<b>23</b> <sup>(10)</sup>	<b>3.9</b>	<b>3.1</b>	<b>1.4</b>	<b>0.9</b>	...	...
Belgium	4	1	1	1	1	6	1.8	1.7	0.1	-	...	...
Kazakhstan	1	11	4	2	2	-	-	-	-	-	...	...
Poland	1	2	5	-	-	-	-	-	-	-	...	...
Russian Federation	11	5	-	5	5	0	-	-	-	-	...	...
Sweden	10	2	-	2	2	2	0.4	0.3	0.4	0.1	...	...
United States	0	3	10	3	3	0	0.0	-	-	-	...	...
Other	4	6	0	22	16	14	1.8	1.1	0.9	0.8	...	...
<b>Exports:</b>	<b>89</b>	<b>100</b>	<b>62</b>	<b>38</b>	<b>33</b> <sup>(10)</sup>	<b>35</b> <sup>(10)</sup>	<b>3.6</b>	<b>5.2</b>	<b>3.5</b>	<b>4.2</b>	...	...
Austria	0	2	1	-	-	-	-	-	-	-	...	...
Belgium	3	4	0	1	1	1	-	-	0.3	0.3	...	...
France	27	33	21	7	6	11	1.0	1.1	1.0	1.4	...	...
Germany	53	52	32	17	14	16	1.7	1.6	1.7	1.9	...	...
Italy	3	2	5	5	5	0	0.1	-	0.0	0.2	...	...
Other	4	7	3	8	7	6	0.7	2.5	0.5	0.5	...	...
<b>Consumption</b>	<b>318</b>	<b>311</b>	<b>302</b>	<b>295</b>	<b>295</b>	<b>271</b>	<i>23.2</i>	<i>19.1</i>	<i>22.0</i>	<i>24.3</i>	<i>28.1</i>	<i>25.9</i>
<b>Stocks:</b>												
Consumers	26	26	16	23			<i>26.0</i>	<i>26.5</i>	<i>27.0</i>	<i>27.5</i>	<i>28.0</i>	<i>28.0</i>
<b>Principal Uses:*</b>	<b>267</b>	<b>255</b>	<b>247</b>									
Alloys (solder)	10	10	10									
Batteries	92	88	82									
Cable Sheathing	9	8	8									
Chemicals	16	16	16									
Gasoline Additives	12	10	8									
Pipe/Sheet	110	111	111									
Shot	6	6	6									
Miscellaneous	11	6	6									

(10) January-October.

\* Data, supplied by World Bureau of Metal Statistics, include direct use of scrap lead.

## Lead: Country Tables: United States

Plomb: Tableaux des Pays: Etats-Unis

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005	Aug	Sep	Oct	Nov	Dec
					Jan-Dec		Jul					
<b>Ores/Concentrates (Lead Content):</b>												
<b>Production</b>	<b>463</b>	<b>449</b>	<b>458</b>	<b>439</b>	<b>439</b>	<b>438</b>	<b>40.3</b>	<b>38.8</b>	<b>39.0</b>	<b>38.7</b>	<b>36.9</b>	<b>36.9</b>
<b>Imports:**</b>	<b>2</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-<sup>(11)</sup></b>	<b>-<sup>(11)</sup></b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>...</b>
Brazil	-	-	-	-	-	-	-	-	-	-	-	...
Mexico	-	-	-	-	-	-	-	-	-	-	-	...
Other	2	0	-	-	-	-	-	-	-	-	-	...
<b>Exports:</b>	<b>185</b>	<b>245</b>	<b>257</b>	<b>295</b>	<b>282<sup>(11)</sup></b>	<b>375<sup>(11)</sup></b>	<b>20.9</b>	<b>155.3</b>	<b>89.8</b>	<b>9.8</b>	<b>19.6</b>	<b>...</b>
Belgium	34	23	6	15	15	12	-	2.9	-	2.9	5.8	...
Canada	23	13	21	34	31	145	5.0	98.7	14.0	6.9	2.5	...
China	0	3	72	98	98	106	10.1	5.8	44.6	-	5.8	...
Germany	6	0	12	-	-	-	-	-	-	-	-	...
Italy	0	27	7	-	-	-	-	-	-	-	-	...
Japan	45	44	49	63	63	48	5.8	20.5	21.5	-	-	...
Korea Rep	17	42	40	53	46	31	-	5.7	9.7	0.0	-	...
Mexico	41	55	44	22	18	7	-	-	-	-	0.0	...
Netherlands	12	16	-	-	-	-	-	-	-	-	-	...
Other	9	21	8	10	10	27	0.0	21.7	0.0	0.0	5.5	...
<b>Lead Bullion:</b>												
<b>Imports</b>	<b>...</b>	<b>...</b>	<b>0</b>	<b>0</b>	<b>0<sup>(11)</sup></b>	<b>0<sup>(11)</sup></b>	<b>-</b>	<b>0.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>...</b>
<b>Exports</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0<sup>(11)</sup></b>	<b>0<sup>(11)</sup></b>	<b>0.0</b>	<b>0.0</b>	<b>...</b>	<b>0.0</b>	<b>0.0</b>	<b>...</b>
<b>Refined Lead:</b>												
<b>Production:</b>	<b>1,376</b>	<b>1,364</b>	<b>1,392</b>	<b>1,262</b>	<b>1,262</b>	<b>1,265</b>	<b>99.4</b>	<b>105.3</b>	<b>103.2</b>	<b>106.2</b>	<b>107.7</b>	<b>107.7</b>
Primary	290	262	245	131	131	138	11.5	11.5	11.5	11.5	11.5	11.5
Secondary	1,086	1,102	1,147	1,131	1,131	1,127	87.9	93.8	91.7	94.7	96.2	96.2
<b>Imports:**</b>	<b>270</b>	<b>211</b>	<b>176</b>	<b>199</b>	<b>179<sup>(11)</sup></b>	<b>273<sup>(11)</sup></b>	<b>27.6</b>	<b>21.2</b>	<b>25.1</b>	<b>28.7</b>	<b>28.5</b>	<b>...</b>
Australia	16	3	0	14	14	40	5.6	2.7	5.7	6.4	0.6	...
Canada	168	173	168	167	150	171	14.3	10.0	8.5	15.3	21.0	...
China	56	28	0	0	0	19	2.6	-	6.5	-	0.6	...
Mexico	13	8	8	9	9	14	1.8	3.6	1.8	2.0	1.1	...
Other	17	0	0	9	6	29	3.3	4.9	2.6	5.0	5.1	...
<b>Exports:</b>	<b>17</b>	<b>31</b>	<b>92</b>	<b>59</b>	<b>55<sup>(11)</sup></b>	<b>40<sup>(11)</sup></b>	<b>2.9</b>	<b>4.2</b>	<b>1.2</b>	<b>3.9</b>	<b>6.4</b>	<b>...</b>
Canada	1	2	1	2	2	2	0.2	0.1	0.2	0.3	0.3	...
Italy	0	0	31	2	2	0	-	-	-	-	-	...
Mexico	14	22	34	25	21	35	2.5	3.6	0.4	2.9	6.1	...
Netherlands	0	0	14	0	0	-	-	-	-	-	-	...
United Kingdom	0	6	2	5	5	1	-	0.5	0.5	-	0.0	...
Other	1	1	11	23	23	3	0.1	0.1	0.2	0.7	0.0	...
<b>Consumption</b>	<b>1,695</b>	<b>1,536</b>	<b>1,513</b>	<b>1,502</b>	<b>1,502</b>	<b>1,553</b>	<b>123.6</b>	<b>120.7</b>	<b>126.7</b>	<b>130.3</b>	<b>131.7</b>	<b>130.7</b>
<b>Stocks:</b>												
Consumers	90	105	124	77			72.5	67.2	69.3	71.9	72.0	72.0
Producers	10	10	14	17			17.0	17.0	17.0	17.0	17.0	17.0
Stockpile	178	172	112	55			26.9	33.8	32.0	30.0	28.0	26.0
<b>Principal Uses:**</b>	<b>1,695</b>	<b>1,536</b>	<b>1,513</b>	<b>1,502</b>	<b>1,502</b>	<b>1,553</b>	<b>123.6</b>	<b>120.7</b>	<b>126.7</b>	<b>130.3</b>	<b>131.7</b>	<b>130.7</b>
Alloys (solder)	54	60	48	44	44	41	3.4	2.1	2.5	3.3	3.7	3.6
Ammunition	61	44	55	58	58	67	4.8	5.8	6.1	5.8	5.7	5.7
Batteries	1,482	1,321	1,302	1,292	1,292	1,335	106.3	103.8	109.0	112.1	113.3	112.4
Cable Sheathing	2	2	2	2	2	2	0.2	0.2	0.2	0.2	0.2	0.2
Chemicals	45	60	59	59	59	59	4.9	4.9	4.9	4.9	4.9	4.9
Pipe/Sheet	24	24	24	24	24	24	2.0	2.0	2.0	2.0	2.0	2.0
Miscellaneous	27	24	24	24	24	24	2.0	2.0	2.0	2.0	2.0	2.0

\* Imports for consumption.

(11) January-November.

\*\* Consumption of refined lead, lead alloys and direct use of lead recovered from scrap materials.

**Production and Consumption of Lead: Annual Totals**

Production et Consommation du Plomb: Totales Annuelles

Thousand tonnes

	Western World						Total World					
	Mine*		Metal		Metal		Mine*		Metal		Metal	
	Production	+/- %	Production	+/- %	Consumption	+/- %	Production	+/- %	Production	+/- %	Consumption	+/- %
<b>1972</b>	2618	1.6	3728	3.8	3765	4.1	3585	3.1	4803	4.1	4863	4.1
<b>1973</b>	2649	1.2	3881	4.1	4057	7.8	3673	2.5	4991	3.9	5218	7.3
<b>1974</b>	2589	-2.3	3886	0.1	3949	-2.7	3642	-0.8	5042	1.0	5173	-0.9
<b>1975</b>	2485	-4.0	3634	-6.5	3432	-13.1	3570	-2.0	4829	-4.2	4742	-8.3
<b>1976</b>	2390	-3.8	3887	7.0	3873	12.8	3464	-3.0	5087	5.3	5183	9.3
<b>1977</b>	2543	6.4	4168	7.2	4152	7.2	3646	5.3	5410	6.3	5486	5.8
<b>1978</b>	2550	0.3	4182	0.3	4174	0.5	3622	-0.7	5497	1.6	5583	1.8
<b>1979</b>	2540	-0.4	4336	3.7	4222	1.1	3588	-0.9	5659	2.9	5646	1.1
<b>1980</b>	2557	0.7	4166	-3.9	3987	-5.6	3495	-2.6	5454	-3.6	5429	-3.8
<b>1981</b>	2474	-3.2	4091	-1.8	3962	-0.6	3342	-4.4	5346	-2.0	5345	-1.5
<b>1982</b>	2549	3.0	4004	-2.1	3855	-2.7	3366	0.7	5247	-1.9	5179	-3.1
<b>1983</b>	2466	-3.3	4015	0.3	3902	1.2	3265	-3.0	5235	-0.2	5189	0.2
<b>1984</b>	2365	-4.1	4150	3.4	4045	3.7	3126	-4.3	5336	1.9	5312	2.4
<b>1985</b>	2505	5.9	4333	4.4	4111	1.6	3248	3.9	5411	1.4	5315	0.1
<b>1986</b>	2356	-5.9	4161	-4.0	4198	2.1	3082	-5.1	5273	-2.6	5380	1.2
<b>1987</b>	2378	0.9	4362	4.8	4338	3.3	3151	2.2	5470	3.7	5464	1.6
<b>1988</b>	2319	-2.5	4554	4.4	4480	3.3	3140	-0.3	5644	3.2	5527	1.2
<b>1989</b>	2296	-1.0	4616	1.4	4620	3.1	3120	-0.6	5705	1.1	5562	0.6
<b>1990</b>	2391	4.1	4474	-3.1	4537	-1.8	3183	2.0	5473	-4.1	5403	-2.9
<b>1991</b>	2379	-0.5	4477	0.1	4515	-0.5	3107	-2.4	5383	-1.6	5255	-2.7
<b>1992</b>	2328	-2.1	4548	1.6	4605	2.0	3016	-2.9	5484	1.9	5279	0.5
<b>1993</b>	2017	-13.4	4526	-0.5	4607	0.0	2668	-11.5	5479	-0.1	5224	-1.0
<b>1994</b>	1995	-1.1	4579	1.2	4899	6.3	2682	0.5	5455	-0.4	5486	5.0
<b>1995</b>	1992	-0.2	4787	4.5	5135	4.8	2739	2.1	5761	5.6	5870	7.0
<b>1996</b>	2155	8.2	4791	0.1	5217	1.6	2997	9.4	5838	1.3	5975	1.8
<b>1997</b>	2125	-1.4	4969	3.7	5278	1.2	3023	0.9	6029	3.3	6053	1.3
<b>1998</b>	2245	5.6	4921	-1.0	5278	0.0	2988	-1.2	6020	-0.1	6067	0.2
<b>1999</b>	2261	0.7	4955	0.7	5431	2.9	2967	-0.7	6289	4.5	6242	2.9
<b>2000</b>	2259	-0.1	5109	3.1	5629	3.6	3069	3.4	6665	6.0	6508	4.3
<b>2001</b>	2256	-0.1	4953	-3.1	5450	-3.2	3008	-2.0	6592	-1.1	6482	-0.4
<b>2002</b>	2019	-10.5	4929	-0.5	5341	-2.0	2830	-5.9	6676	1.3	6647	2.5
<b>2003</b>	1981	-1.9	4781	-3.0	5315	-0.5	3099	9.5	6748	1.1	6825	2.7
<b>2004</b>	1979	-0.1	4602	-3.7	5423	2.0	3087	-0.4	6833	1.3	7142	4.6

\* Metal content by analysis.

**Zinc: Mine Production**  
**Zinc: Production minière**

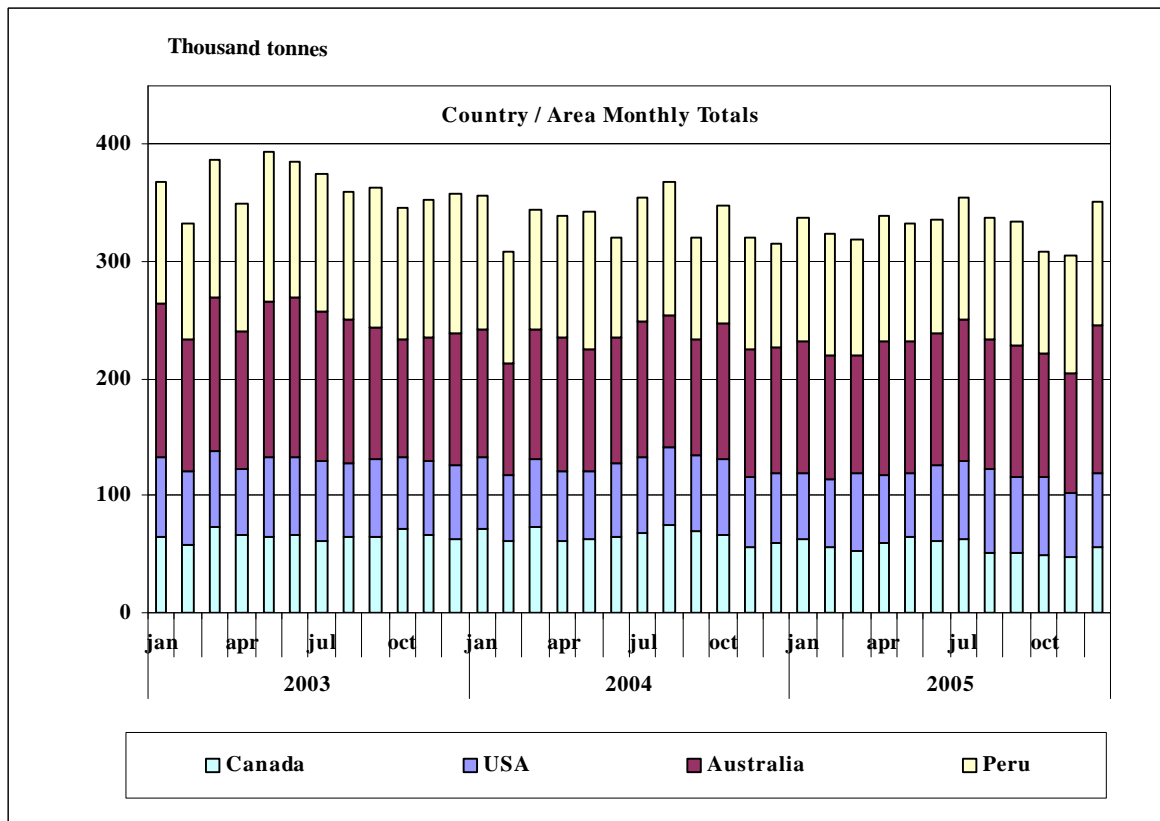
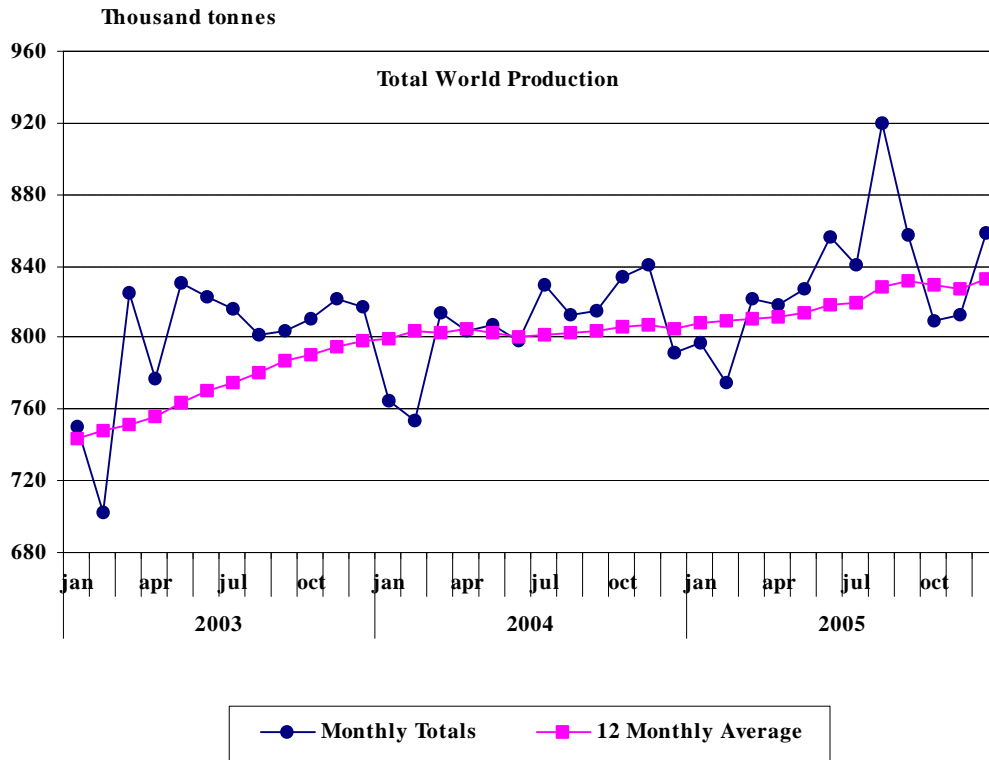


Table 29

## ILZSG: "Lead and Zinc Statistics"

37

**Zinc: Mine Production \***

Zinc: Production minière \*

Thousand tonnes (Zinc content)

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Dec		Jul	Aug	Sep	Oct	Nov	Dec
<b>Europe</b>	<b>1,052</b>	<b>910</b>	<b>1,019</b>	<b>1,021</b>	<b>1,021</b>	<b>1,062</b>	<b>80.7</b>	<b>93.8</b>	<b>90.0</b>	<b>89.1</b>	<b>91.4</b>	<b>93.4</b>
Bosnia & Herzegovina	0	0	-	-	-	-	-	-	-	-	-	-
Bulgaria	11	14	12	11	11	10	0.8	0.8	0.8	0.8	0.8	0.8
Finland	20	35	39	37	37	41	3.6	5.2	4.0	4.5	2.8	2.9
Georgia	1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0
Greece	32	35	3	-	-	12	1.0	1.0	1.0	2.0	2.0	2.0
Ireland	298	253	419	438	438	431	31.9	38.3	36.2	37.6	38.9	40.2
Macedonia	20	10	4	-	-	-	-	-	-	-	-	-
Poland	153	152	154	148	148	140	11.7	11.7	11.7	11.7	11.7	11.7
Romania	29	29	26	25	25	25	2.1	2.1	2.1	2.1	2.1	2.1
Russian Federation	164	162	159	162	162	185	15.4	15.4	15.4	15.4	15.4	15.4
Serbia & Montenegro	6	2	-	2	2	3	0.3	0.3	0.3	0.3	0.3	0.3
Spain	161	70	15	-	-	-	-	-	-	-	-	-
Sweden	159	149	188	199	199	216	14.0	19.1	18.5	14.8	17.6	18.2
<b>Africa</b>	<b>236</b>	<b>242</b>	<b>259</b>	<b>357</b>	<b>357</b>	<b>431</b>	<b>36.6</b>	<b>36.4</b>	<b>36.2</b>	<b>35.7</b>	<b>34.9</b>	<b>31.9</b>
Algeria	7	10	3	5	5	5	0.4	0.4	0.4	0.4	0.4	0.4
Congo DR (Zaire)	0	0	-	-	-	-	-	-	-	-	-	-
Morocco	89	91	69	87	87	145	12.1	12.1	12.1	12.1	12.1	12.1
Namibia	37	41	108	202	202	229	19.6	19.4	19.3	20.2	19.4	16.3
South Africa	61	64	41	32	32	33	2.8	2.8	2.8	2.8	2.8	2.8
Tunisia	41	37	38	31	31	19	1.7	1.7	1.6	0.3	0.3	0.3
<b>America</b>	<b>3,769</b>	<b>3,759</b>	<b>3,795</b>	<b>3,607</b>	<b>3,607</b>	<b>3,502</b>	<b>304.8</b>	<b>298.2</b>	<b>293.6</b>	<b>278.6</b>	<b>283.4</b>	<b>308.2</b>
Argentina	40	37	30	27	27	27	2.2	2.2	2.2	2.2	2.2	2.2
Bolivia	145	142	145	146	146	152	12.7	12.7	12.7	12.7	12.7	12.7
Brazil	111	133	147	165	165	175	14.6	14.6	14.6	14.6	14.6	14.6
Canada	1,065	916	788	791	791	676	62.6	51.0	51.4	48.6	47.8	56.7
Chile	33	36	33	27	27	27	2.2	2.3	2.2	2.2	2.2	2.2
Honduras	48	46	44	41	41	42	3.5	3.5	3.6	3.5	3.5	3.5
Mexico	429	446	472	462	462	433	35.4	37.0	37.6	39.8	46.0	46.0
Peru	1,056	1,219	1,369	1,209	1,209	1,223	104.1	103.4	105.2	88.3	100.2	107.0
United States	842	784	768	739	739	747	67.5	71.5	64.2	66.8	54.3	63.3
<b>Asia</b>	<b>2,400</b>	<b>2,549</b>	<b>3,058</b>	<b>3,380</b>	<b>3,380</b>	<b>3,668</b>	<b>298.6</b>	<b>379.8</b>	<b>324.6</b>	<b>300.5</b>	<b>301.1</b>	<b>299.8</b>
China	1,572	1,624	2,029	2,264	2,264	2,441	195.5	277.4	222.1	197.8	197.8	197.8
India	222	234	305	340	340	439	36.6	36.6	36.6	36.6	36.6	36.6
Iran	105	121	111	135	135	135	11.3	11.3	11.3	11.3	11.3	11.3
Japan	45	43	45	48	48	41	4.4	3.6	3.8	4.5	5.1	3.9
Kazakhstan	320	376	392	404	404	405	33.8	33.8	33.8	33.8	33.8	33.8
Korea DPR	28	32	52	62	62	65	5.4	5.4	5.4	5.4	5.4	5.4
Korea Rep	5	-	-	-	-	-	-	-	-	-	-	-
Laos, PDR	6	4	4	4	4	4	0.3	0.3	0.3	0.3	0.3	0.3
Myanmar	2	2	2	2	2	2	0.2	0.2	0.2	0.2	0.2	0.2
Saudi Arabia	3	2	2	2	2	2	0.2	0.2	0.2	0.2	0.2	0.2
Thailand	24	25	31	40	40	44	3.0	3.0	3.0	3.0	3.0	2.9
Turkey	36	43	40	39	39	48	4.6	4.6	4.5	4.0	4.0	4.0
Vietnam	32	42	45	40	40	42	3.5	3.5	3.5	3.5	3.5	3.5
<b>Oceania</b>	<b>1,476</b>	<b>1,444</b>	<b>1,447</b>	<b>1,298</b>	<b>1,298</b>	<b>1,332</b>	<b>120.3</b>	<b>111.1</b>	<b>113.3</b>	<b>105.7</b>	<b>102.1</b>	<b>124.9</b>
Australia	1,476	1,444	1,447	1,298	1,298	1,332	120.3	111.1	113.3	105.7	102.1	124.9
<b>World Total</b>	<b>8933</b>	<b>8904</b>	<b>9579</b>	<b>9664</b>	<b>9664</b>	<b>9995</b>	<b>841.0</b>	<b>919.3</b>	<b>857.6</b>	<b>809.6</b>	<b>812.9</b>	<b>858.1</b>
Monthly Average	744	742	798	805	805	833						
<b>Western World</b>	<b>6618</b>	<b>6469</b>	<b>6705</b>	<b>6545</b>	<b>6545</b>	<b>6678</b>	<b>572.6</b>	<b>568.9</b>	<b>562.6</b>	<b>538.9</b>	<b>542.2</b>	<b>587.4</b>
Monthly Average	551	539	559	545	545	556						

\* Zinc content by analysis of zinc ores and concentrates, plus the zinc content of other ores and concentrates known to be intended for zinc recovery.

**Refined Zinc: Metal Production**  
**Zinc raffiné: Production de métal**

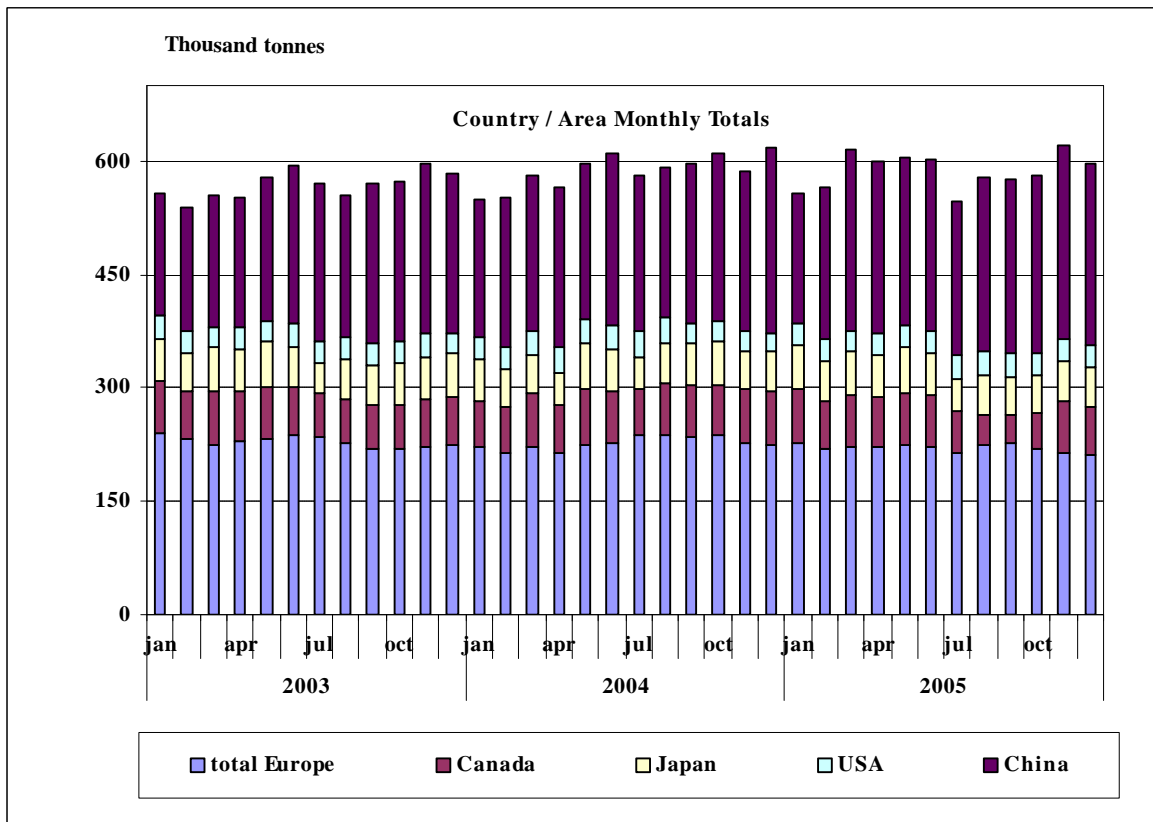
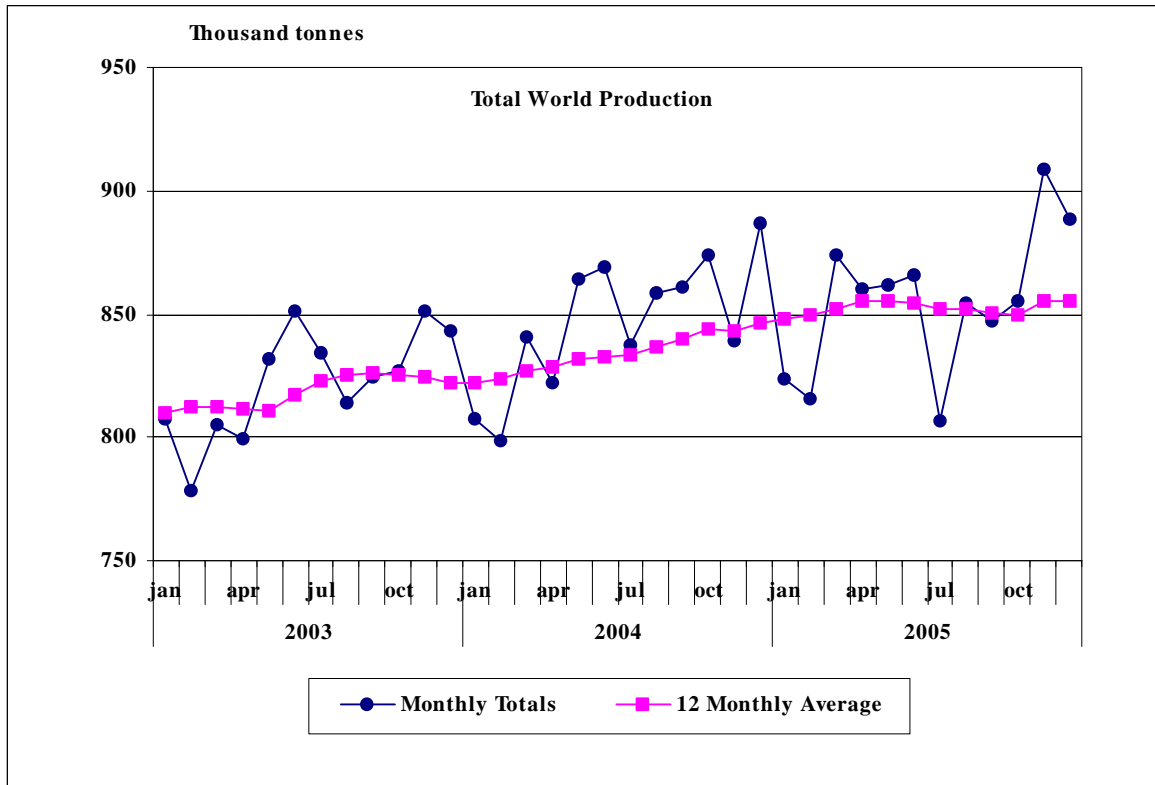


Table 30

## ILZSG: "Lead and Zinc Statistics"

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## Zinc: Refined Zinc: Metal Production \*

Zinc: Zinc raffiné: Production de métal \*

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Dec		Jul	Aug	Sep	Oct	Nov	Dec
<b>Europe</b>	<b>2,877</b>	<b>2,914</b>	<b>2,741</b>	<b>2,721</b>	<b>2,721</b>	<b>2,647</b>	<b>215.3</b>	<b>224.1</b>	<b>226.7</b>	<b>219.1</b>	<b>214.9</b>	<b>212.2</b>
Belgium	256	239	244	257	257	232	21.0	21.0	21.0	21.0	21.0	19.0
Bulgaria	88	82	86	102	102	98	8.2	8.2	8.2	8.2	8.2	8.2
Finland	249	235	266	285	285	292	25.5	24.7	25.8	24.4	23.8	25.0
France	329	334	253	260	260	207	18.8	18.7	19.5	14.0	10.1	8.5
Germany	357	378	388	358	358	354	23.1	27.6	30.5	30.5	30.5	30.5
Italy	179	176	123	118	118	124	9.8	9.6	9.6	9.6	9.5	9.5
Macedonia	52	56	28	-	-	-	-	-	-	-	-	-
Netherlands	206	203	223	225	225	230	18.6	21.4	19.0	19.0	19.0	19.0
Norway	145	145	142	139	139	148	10.8	12.4	12.7	12.0	12.3	13.0
Poland	175	159	154	154	154	154	12.8	12.8	12.8	12.8	12.8	12.8
Romania	52	48	48	55	55	57	4.8	4.8	4.8	4.8	4.8	4.8
Russian Federation	250	257	253	241	241	225	18.8	18.8	18.8	18.8	18.8	18.8
Serbia & Montenegro	13	1	0	4	4	20	1.0	2.0	2.0	2.0	2.0	1.0
Spain	437	503	519	523	523	506	42.2	42.2	42.2	42.2	42.2	42.2
United Kingdom	90	98	14	-	-	-	-	-	-	-	-	-
<b>Africa</b>	<b>135</b>	<b>147</b>	<b>193</b>	<b>258</b>	<b>258</b>	<b>297</b>	<b>26.3</b>	<b>26.9</b>	<b>26.7</b>	<b>26.1</b>	<b>26.3</b>	<b>27.5</b>
Algeria	26	34	32	30	30	30	2.5	2.5	2.5	2.5	2.5	2.5
Namibia	-	-	47	121	121	157	14.4	15.1	14.8	14.3	14.4	15.5
South Africa	109	111	112	105	105	110	9.3	9.3	9.3	9.3	9.3	9.5
Zambia	-	2	2	2	2	0	0.0	0.0	0.0	0.0	0.0	0.0
<b>America</b>	<b>1,724</b>	<b>1,903</b>	<b>1,930</b>	<b>1,993</b>	<b>1,993</b>	<b>1,883</b>	<b>149.5</b>	<b>142.5</b>	<b>138.1</b>	<b>148.4</b>	<b>166.7</b>	<b>161.9</b>
Argentina	40	39	39	35	35	41	3.4	3.4	3.4	3.4	3.4	3.4
Brazil	193	255	258	266	266	267	23.5	23.3	22.2	22.5	23.0	23.0
Canada	661	793	761	805	805	721	54.2	41.2	38.4	48.1	67.8	62.0
Mexico	311	306	320	337	337	335	29.7	29.7	29.1	29.7	29.7	28.7
Peru	190	170	202	196	196	162	6.6	15.5	13.8	15.4	11.8	14.5
United States	329	339	350	354	354	355	32.0	29.4	31.2	29.4	30.9	30.3
<b>Asia</b>	<b>3,936</b>	<b>4,189</b>	<b>4,450</b>	<b>4,712</b>	<b>4,712</b>	<b>4,979</b>	<b>376.3</b>	<b>422.2</b>	<b>416.0</b>	<b>425.0</b>	<b>461.9</b>	<b>448.4</b>
China	2,038	2,155	2,319	2,519	2,519	2,683	202.9	230.5	229.9	235.1	255.2	240.0
India	234	248	280	272	272	329	19.2	26.8	25.1	27.2	43.4	43.4
Iran	65	82	84	96	96	112	9.3	9.3	9.3	9.3	9.3	9.3
Japan	644	640	651	635	635	638	42.2	53.0	49.1	50.7	51.4	53.2
Kazakhstan	277	286	279	323	323	362	30.2	30.2	30.2	30.2	30.2	30.2
Korea DPR	31	34	55	65	65	72	6.0	6.0	6.0	6.0	6.0	6.0
Korea Rep	508	608	645	669	669	658	56.0	56.0	56.0	56.0	56.0	55.9
Thailand	105	105	107	103	103	95	7.9	7.9	7.9	7.9	7.9	7.9
Turkey	0	0	-	-	-	-	-	-	-	-	-	-
Uzbekistan	35	30	30	30	30	30	2.5	2.5	2.5	2.5	2.5	2.5
<b>Oceania</b>	<b>556</b>	<b>567</b>	<b>553</b>	<b>474</b>	<b>474</b>	<b>456</b>	<b>39.4</b>	<b>38.6</b>	<b>39.3</b>	<b>36.4</b>	<b>38.8</b>	<b>38.6</b>
Australia	556	567	553	474	474	456	39.4	38.6	39.3	36.4	38.8	38.6
<b>World Total</b>	<b>9228</b>	<b>9720</b>	<b>9868</b>	<b>10158</b>	<b>10158</b>	<b>10262</b>	<b>806.7</b>	<b>854.3</b>	<b>846.9</b>	<b>855.0</b>	<b>908.7</b>	<b>888.6</b>
Monthly Average	769	810	822	846	846	855						
<b>Western World</b>	<b>6283</b>	<b>6668</b>	<b>6643</b>	<b>6668</b>	<b>6668</b>	<b>6580</b>	<b>520.6</b>	<b>540.6</b>	<b>533.8</b>	<b>536.7</b>	<b>570.3</b>	<b>565.4</b>
Monthly Average	524	556	554	556	556	548						

\* Total production by smelters and refineries of zinc in marketable form or used directly for alloying including production on toll in the reporting country, regardless of the type of source material, i.e. whether ores, concentrates, residues, slag or scrap. Remelted zinc and zinc dust are excluded.

## Refined Zinc: Metal Consumption \*

Zinc Raffiné: Consommation de métal \*

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Dec		Jul	Aug	Sep	Oct	Nov	Dec
<b>Europe</b>	<b>2,815</b>	<b>2,764</b>	<b>2,794</b>	<b>2,830</b>	<b>2,830</b>	<b>2,792</b>	<b>219.5</b>	<b>208.9</b>	<b>239.5</b>	<b>246.4</b>	<b>248.7</b>	<b>222.1</b>
Austria	47	48	49	48	48	48	4.0	4.0	4.0	4.0	4.0	4.0
Belgium	374	352	350	365	365	345	28.8	28.8	28.8	28.8	28.8	28.8
Bosnia & Herzegovina	7	7	5	5	5	5	0.4	0.4	0.4	0.4	0.4	0.4
Bulgaria	17	14	28	11	11	10	0.9	0.9	0.9	0.9	0.9	0.9
Croatia	9	9	8	8	8	8	0.7	0.7	0.7	0.7	0.7	0.7
Czech Rep.	22	20	21	21	21	21	1.7	1.4	1.5	2.1	2.0	2.0
Denmark	10	11	11	11	11	9	0.2	0.8	0.8	0.7	0.8	0.8
Finland	52	53	57	52	52	47	2.9	4.4	4.2	4.5	4.4	3.4
France	327	290	291	298	298	311	26.1	21.2	29.5	25.5	27.8	17.4
Germany	543	526	539	514	514	515	36.6	41.0	32.2	50.3	58.3	43.5
Greece	26	22	20	29	29	17	1.8	0.8	2.6	2.0	1.0	1.0
Hungary	15	16	20	20	20	20	1.7	1.7	1.7	1.7	1.7	1.7
Ireland	3	5	3	3	3	3	0.1	0.1	0.0	0.2	0.3	0.3
Italy	348	374	348	389	389	389	25.9	13.4	40.9	34.9	31.5	31.5
Macedonia	9	9	8	8	8	7	0.6	0.6	0.6	0.6	0.6	0.6
Netherlands	108	114	114	115	115	115	9.6	9.6	9.6	9.6	9.6	9.6
Norway	25	29	18	14	14	13	0.3	1.7	0.6	0.5	1.0	0.5
Poland	96	88	102	101	101	96	10.0	9.1	13.7	9.8	7.8	7.8
Portugal	12	13	18	13	13	11	1.3	0.6	1.0	0.9	1.0	1.0
Romania	19	28	13	28	28	26	2.3	2.8	0.5	2.3	2.3	2.3
Russian Federation	150	153	189	163	163	190	16.6	16.8	17.4	15.8	15.8	15.8
Serbia & Montenegro	9	10	11	8	8	8	0.7	0.7	0.7	0.7	0.7	0.7
Slovak Rep	28	30	30	30	30	32	2.7	2.7	2.7	2.7	2.7	2.7
Slovenia	15	12	13	14	14	14	1.3	1.2	1.0	1.2	1.2	1.2
Spain	222	220	226	248	248	232	19.3	19.3	19.3	19.3	19.3	19.3
Sweden	34	33	31	42	42	38	1.7	2.9	3.4	3.6	3.0	3.0
Switzerland	19	20	11	14	14	13	0.8	1.0	0.4	2.3	1.0	1.0
Ukraine	65	65	65	65	65	65	5.4	5.4	5.4	5.4	5.4	5.4
United Kingdom	191	185	188	185	185	175	14.6	14.6	14.6	14.6	14.6	14.6
Other CIS	12	8	8	8	8	8	0.7	0.7	0.7	0.7	0.7	0.7
<b>Africa</b>	<b>176</b>	<b>187</b>	<b>174</b>	<b>193</b>	<b>193</b>	<b>205</b>	<b>17.7</b>	<b>17.4</b>	<b>17.4</b>	<b>17.4</b>	<b>17.4</b>	<b>17.2</b>
Algeria	11	11	9	9	9	9	0.8	0.8	0.8	0.8	0.8	0.8
Egypt	16	17	16	16	16	16	1.3	1.3	1.3	1.3	1.3	1.3
Kenya	12	11	14	14	14	14	1.2	1.2	1.2	1.2	1.2	1.2
Morocco	12	12	5	14	14	12	1.2	1.0	1.0	1.0	1.0	1.0
Nigeria	9	9	12	12	12	12	1.0	1.0	1.0	1.0	1.0	1.0
South Africa	89	95	86	96	96	110	9.5	9.5	9.5	9.5	9.5	9.3
Tunisia	4	4	4	4	4	4	0.3	0.3	0.3	0.3	0.3	0.3
Other Africa	24	28	28	28	28	28	2.3	2.3	2.3	2.3	2.3	2.3
<b>America</b>	<b>1,936</b>	<b>2,023</b>	<b>1,950</b>	<b>2,123</b>	<b>2,123</b>	<b>1,911</b>	<b>157.2</b>	<b>157.2</b>	<b>149.9</b>	<b>149.1</b>	<b>160.7</b>	<b>162.9</b>
Argentina	36	37	32	46	46	60	5.0	5.0	5.0	5.0	5.0	5.0
Brazil	198	216	215	239	239	224	20.5	20.8	18.8	17.5	19.0	19.0
Canada	180	192	185	188	188	174	12.9	15.5	15.1	12.5	15.7	16.2
Chile	12	9	10	11	11	10	1.0	0.6	1.3	0.7	1.0	1.0
Colombia	20	21	20	23	23	25	2.0	2.2	2.1	2.0	2.0	2.0
Mexico	210	225	236	240	240	244	20.3	20.3	20.3	20.3	20.3	20.3
Peru	67	71	61	80	80	63	0.3	7.1	2.9	4.2	3.8	6.5
United States	1,179	1,217	1,152	1,251	1,251	1,072	91.3	82.3	81.0	83.5	90.5	89.6
Venezuela	11	12	12	16	16	12	1.6	1.0	1.0	1.0	1.0	1.0
Other America	22	23	26	28	28	28	2.3	2.3	2.3	2.3	2.3	2.3
<b>Asia</b>	<b>3,755</b>	<b>4,147</b>	<b>4,660</b>	<b>5,047</b>	<b>5,047</b>	<b>5,532</b>	<b>432.8</b>	<b>459.1</b>	<b>493.8</b>	<b>502.4</b>	<b>528.8</b>	<b>479.4</b>
Bangladesh	47	51	52	50	50	48	4.0	4.0	4.0	4.0	4.0	4.0
China	1,500	1,750	2,155	2,490	2,490	2,948	213.3	238.0	289.2	287.7	313.1	259.4
Hong Kong, China	5	5	5	5	5	5	0.4	0.4	0.4	0.4	0.4	0.4
India	286	310	339	362	362	394	32.8	32.8	32.8	32.8	32.8	32.8
Indonesia	88	85	79	87	87	87	6.3	4.7	7.0	7.0	7.0	7.0
Iran	62	69	70	72	72	74	6.2	6.2	6.2	6.2	6.2	6.2
Israel	10	13	10	13	13	14	1.2	1.2	1.2	1.2	1.2	1.2



**Refined Zinc: Metal Consumption \***

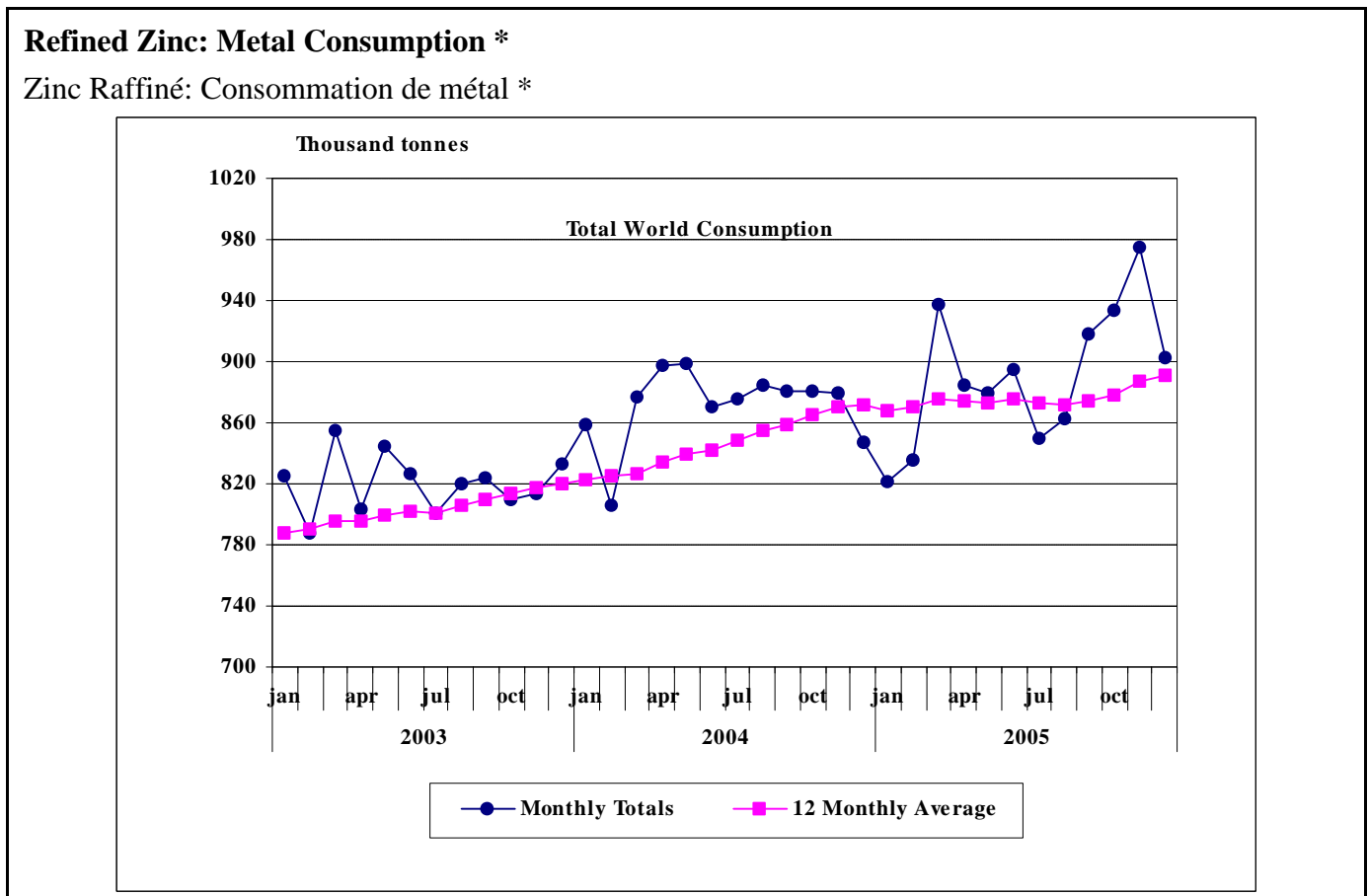
Zinc Raffiné: Consommation de métal \*

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					2004	2005	Jul	Aug	Sep	Oct	Nov	Dec
					Jan-Dec							
<b>Asia (Continued)</b>												
Japan	633	603	619	623	623	613	46.1	53.1	44.1	52.2	54.5	54.5
Kazakhstan	34	35	35	35	35	35	2.9	2.9	2.9	2.9	2.9	2.9
Korea DPR	12	10	6	5	5	5	0.4	0.4	0.4	0.4	0.4	0.4
Korea Rep	401	476	482	445	445	497	52.2	45.7	43.0	39.7	43.0	41.9
Malaysia	50	62	65	68	68	67	5.6	5.6	5.6	5.6	5.6	5.6
Pakistan	24	24	25	24	24	24	2.0	2.0	2.0	2.0	2.0	2.0
Philippines	33	32	19	20	20	16	0.9	1.3	1.3	1.3	1.3	1.3
Saudi Arabia	17	14	23	23	23	25	2.1	2.1	2.1	2.1	2.1	2.1
Singapore	14	16	16	16	16	16	1.3	1.3	1.3	1.3	1.3	1.3
Taiwan, China	276	302	330	342	342	309	26.0	27.7	20.7	26.0	21.4	26.0
Thailand	103	107	116	129	129	120	10.0	10.0	10.0	10.0	10.0	10.8
Turkey	78	99	122	144	144	136	10.7	11.4	11.4	11.4	11.4	11.4
Uzbekistan	8	8	8	8	8	8	0.7	0.7	0.7	0.7	0.7	0.7
Vietnam	40	40	45	45	45	50	4.2	4.2	4.2	4.2	4.2	4.2
Other Asia East	1	1	1	2	2	2	0.2	0.2	0.2	0.2	0.2	0.2
Other Asia West	30	32	35	36	36	36	3.0	3.0	3.0	3.0	3.0	3.0
Other CIS	3	3	3	3	3	3	0.3	0.3	0.3	0.3	0.3	0.3
<b>Oceania</b>	<b>237</b>	<b>266</b>	<b>267</b>	<b>263</b>	<b>263</b>	<b>254</b>	<b>22.3</b>	<b>20.5</b>	<b>17.0</b>	<b>18.3</b>	<b>19.2</b>	<b>20.8</b>
Australia	222	249	254	250	250	241	21.9	19.4	15.4	17.5	18.2	19.8
New Zealand	16	17	13	13	13	13	0.5	1.1	1.6	0.8	1.0	1.0
<b>World Total</b>	<b>8919</b>	<b>9386</b>	<b>9845</b>	<b>10457</b>	<b>10457</b>	<b>10694</b>	<b>849.5</b>	<b>863.1</b>	<b>917.6</b>	<b>933.7</b>	<b>974.8</b>	<b>902.4</b>
Monthly Average	743	782	820	871	871	891						
<b>Western World</b>	<b>6897</b>	<b>7117</b>	<b>7116</b>	<b>7421</b>	<b>7421</b>	<b>7173</b>	<b>585.7</b>	<b>575.2</b>	<b>575.4</b>	<b>596.3</b>	<b>614.1</b>	<b>595.4</b>
Monthly Average	575	593	593	618	618	598						

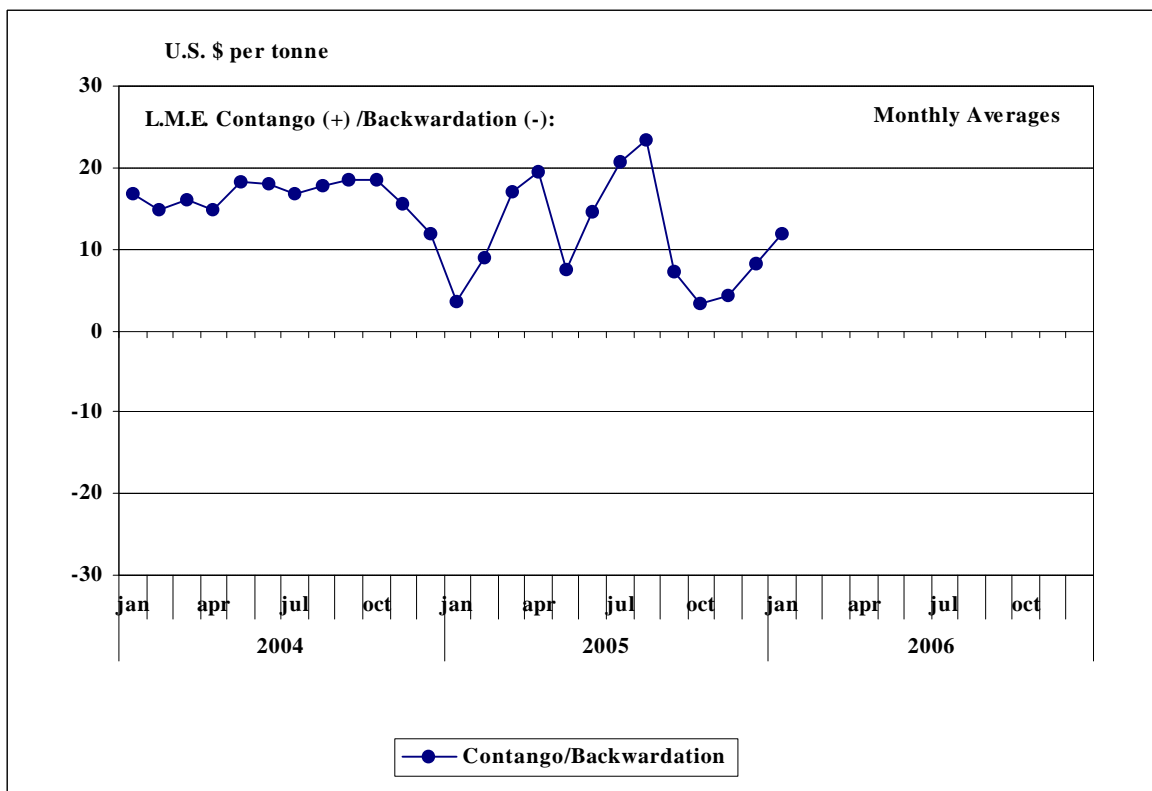
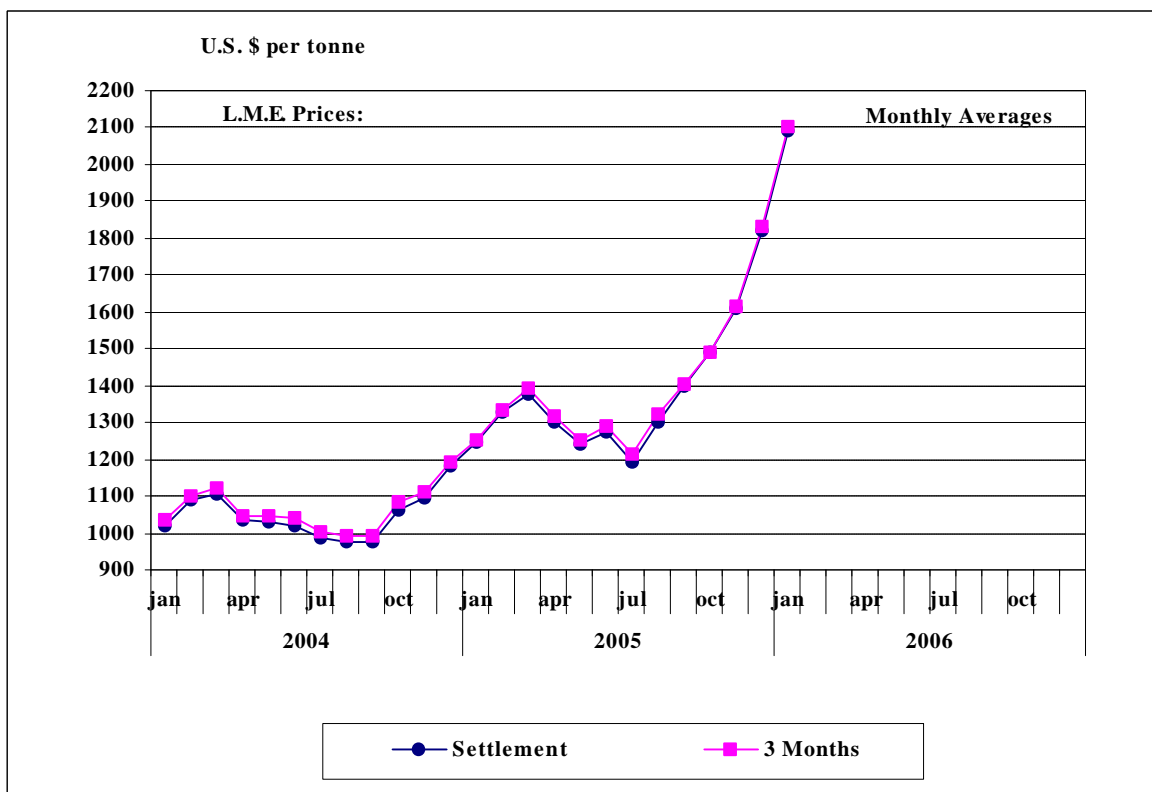
\* Total consumption of refined zinc including zinc used directly for the production of zinc alloys, regardless of the type of source material from which produced, i.e. ores, concentrates, residues, slags or scrap. Remelted zinc and zinc dust are excluded.

Figure J



Zinc: Price Trends

Zinc: Tendances des prix



**Zinc: Prices: Current Trends:**

Zinc: Prix: Tendances Actuelles:

**Average Prices: Refined Zinc**

London Metal Exchange

	<b>Settlement:</b>		<b>3 Months:</b>		<b>Contango (+)</b>
	<b>US \$ per tonne</b>	<b>US cents per lb.</b>	<b>US \$ per tonne</b>	<b>US cents per lb.</b>	<b>Backwardation (-)</b>
	<b>US \$ per tonne</b>				
<b>Annual Averages:</b>					
2002	778.56	35.315	796.93	36.148	18.37
2003	828.39	37.575	843.47	38.259	15.08
2004	1047.83	47.529	1064.29	48.276	16.46
2005	1381.55	62.666	1393.11	63.191	11.57
<b>Monthly Averages:</b>					
<b>2005:</b>					
January	1246.38	56.535	1249.95	56.697	3.57
February	1326.18	60.154	1335.03	60.556	8.85
March	1377.69	62.491	1394.64	63.260	16.95
April	1300.14	58.974	1319.55	59.854	19.40
May	1243.63	56.410	1251.07	56.748	7.45
June	1275.73	57.866	1290.23	58.524	14.50
July	1194.43	54.178	1215.02	55.113	20.60
August	1298.39	58.894	1321.68	59.950	23.30
September	1397.52	63.391	1404.77	63.719	7.25
October	1488.38	67.512	1491.74	67.664	3.36
November	1610.93	73.071	1615.25	73.267	4.32
December	1821.82	82.637	1830.05	83.010	8.23
<b>2006:</b>					
January	2090.31	94.815	2102.26	95.357	11.95
<b>Weekly Averages: *</b>					
6th January	1931.88	87.628	1941.13	88.048	9.25
13th January	1996.70	90.569	2009.70	91.158	13.00
20th January	2097.40	95.136	2108.90	95.658	11.50
27th January	2228.90	101.101	2242.80	101.732	13.90
3rd February	2338.33	106.065	2351.83	106.677	13.50
<b>2005:</b>					
<b>Highest Daily Price</b>	<b>Settlement</b>	<b>3 Months</b>	<b>Lowest Daily Price</b>	<b>Settlement</b>	<b>3 Months</b>
	\$1915.00	\$1917.00		\$1165.00	\$1187.00
<b>Date:</b>	30 December	30 December	<b>Date:</b>	19 July	19 July
<b>2006:</b>					
<b>Highest Daily Price</b>	<b>Settlement</b>	<b>3 Months</b>	<b>Lowest Daily Price</b>	<b>Settlement</b>	<b>3 Months</b>
	\$2391.00	\$2406.00		\$1912.00	\$1919.00
<b>Date:</b>	7 February	7 February	<b>Date:</b>	3 January	3 January
<b>Current Price Levels: **</b>					
Germany	2,020 - 2,050 euros per metric ton			10 February	2006
Japan	178,000 yen per metric ton			10 February	2006
United Kingdom	Producer Basis (G.O.B.) £1,049.00 per tonne			11 January	2006
	High Grade £1,054.00 per tonne			11 January	2006
	Special High Grade £1,365.00 per tonne			10 February	2006
United States	Special High Grade 55.0 cents per pound			10 February	2006

\* Week ending

\*\* As quoted by Metal Bulletin

**Zinc: Principal imports and exports of ores and concentrates**

Zinc: Importations et exportations principales de minerais et concentrés

Thousand tonnes (Zinc content)

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Nov		Jun	Jul	Aug	Sep	Oct	Nov
<b>Imports:</b>												
<b>Europe</b>												
Belgium	412	409	571	704	567 <sup>(10)</sup>	487 <sup>(10)</sup>	30.1	43.2	78.2	59.7	20.4	...
Bulgaria	62	60	75	87	79	...	...	...	...	...	...	...
Finland	204	218	218	240	217	232	16.1	12.4	26.0	19.2	19.5	29.4
France	287	279	241	229	210	156	6.0	31.9	19.9	13.9	10.9	11.7
Germany	175	176	186	240	211	193	32.0	14.7	22.5	10.1	14.1	32.1
Italy	156	141	96	125	101 <sup>(10)</sup>	100 <sup>(10)</sup>	11.4	7.2	17.8	23.4	4.3	...
Netherlands	152	38	214	204	165 <sup>(10)</sup>	174 <sup>(10)</sup>	18.9	17.8	20.7	16.9	20.3	...
Norway	152	144	145	152	139	153	13.2	6.7	15.1	9.7	17.9	19.7
Poland	59	56	58	58	49 <sup>(10)</sup>	30 <sup>(10)</sup>	5.2	3.9	3.1	2.0	4.5	...
Russian Federation	104	99	116	41	31 <sup>(9)</sup>	31 <sup>(9)</sup>	3.7	7.2	-	5.1	...	...
Serbia & Montenegro	6	0	...	4	3	...	...	...	...	...	...	...
Spain	344	451	537	459	428	478	9.0	46.6	68.5	54.8	44.8	32.6
United Kingdom	108	115	8	0	0 <sup>(10)</sup>	0 <sup>(10)</sup>	0.0	0.0	0.0	0.0	0.0	...
<b>Africa</b>												
South Africa	0	0	0	10	3 <sup>(9)</sup>	9 <sup>(9)</sup>	-	-	4.3	-	...	...
<b>America</b>												
Argentina	5	6	12	17	12 <sup>(9)</sup>	10 <sup>(9)</sup>	0.7	3.0	0.6	0.8	...	...
Brazil	92	118	130	131	110 <sup>(10)</sup>	106 <sup>(10)</sup>	9.8	14.3	10.8	10.1	8.5	...
Canada	140	276	397	273	255	187	13.1	9.5	36.7	28.5	27.8	3.2
United States	84	122	164	231	201	153	19.2	16.4	17.5	0.5	16.7	20.9
<b>Asia</b>												
China	384	393	373	306	277	249	19.4	15.4	8.5	26.7	30.2	21.6
Japan	575	559	544	563	504	497	61.2	51.2	39.4	38.0	53.3	34.4
Korea Rep	537	582	616	627	536 <sup>(10)</sup>	548 <sup>(10)</sup>	36.7	48.8	68.7	77.6	59.6	...
Thailand	105	77	76	48	38 <sup>(10)</sup>	41 <sup>(10)</sup>	5.3	6.2	5.5	6.9	-	...
Turkey	0	0	1	0	0 <sup>(7)</sup>	0 <sup>(7)</sup>	-	-	...	...	...	...
<b>Exports:</b>												
<b>Europe</b>												
France	9	9	19	19	18	18	0.5	1.2	1.3	0.7	2.1	1.4
Germany	36	24	3	0	0	2	-	-	-	-	1.7	-
Greece	29	33	-	-	... <sup>(10)</sup>	- <sup>(10)</sup>	-	-	-	-	-	...
Ireland	305	249	417	445	399	368	31.3	24.1	36.3	41.8	32.6	21.0
Poland	15	30	32	23	17 <sup>(10)</sup>	27 <sup>(10)</sup>	2.7	3.0	3.1	1.9	2.4	...
Russian Federation	28	31	21	21	16 <sup>(9)</sup>	24 <sup>(9)</sup>	2.1	1.7	3.3	0.8	...	...
Spain	148	15	17	19	18	33	4.2	7.8	6.0	1.2	1.1	1.0
Sweden	130	140	150	188	144 <sup>(10)</sup>	161 <sup>(10)</sup>	15.8	11.2	21.6	15.3	14.4	...
<b>Africa</b>												
Morocco	94	89	105	90	42 <sup>(7)</sup>	74 <sup>(7)</sup>	8.4	7.6	...	...	...	...
Namibia	31	33	96	178	163	185	15.4	16.1	17.1	17.1	16.2	17.4
Tunisia	40	33	32	25	23	...	...	...	...	...	...	...
<b>America</b>												
Bolivia	135	145	152	148	135	...	...	...	...	...	...	...
Canada	428	409	258	228	201	149	11.6	7.2	32.3	5.9	6.3	16.0
Mexico	117	131	105	62	39 <sup>(9)</sup>	123 <sup>(9)</sup>	17.8	18.8	7.0	5.7	...	...
Peru	747	906	900	879	751 <sup>(10)</sup>	775 <sup>(10)</sup>	89.3	61.2	96.0	47.5	81.9	...
United States	698	827	822	746	713	778	12.6	164.4	197.8	199.3	50.5	49.3
<b>Asia</b>												
China	7	2	-	-	...	-	-	-	-	-	-	-
Kazakhstan	11	...	26	56	51	...	...	...	...	...	...	...
Turkey	41	45	49	55	34 <sup>(7)</sup>	37 <sup>(7)</sup>	7.2	5.8	...	...	...	...
<b>Oceania</b>												
Australia	1,024	1,016	1,007	955	841	833	93.9	56.1	96.8	65.3	84.2	70.7

(7) January-July.

(10) January-October.

(9) January-September.

Table 34

## ILZSG: "Lead and Zinc Statistics"

45

## Zinc: Principal imports and exports of metal

Zinc: Importations et exportations principales de métal

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Nov		Jun	Jul	Aug	Sep	Oct	Nov
<b>Imports</b>												
<b>Europe</b>												
Austria	54	51	61	51	43 <sup>(10)</sup>	30 <sup>(10)</sup>	4.0	2.3	0.9	4.0	6.6	...
Belgium	233	237	222	269	222 <sup>(10)</sup>	40 <sup>(10)</sup>	3.5	4.7	4.4	0.9	3.9	...
Czech Rep.	23	21	22	24	20 <sup>(10)</sup>	23 <sup>(10)</sup>	1.9	2.0	2.5	2.2	2.6	...
Denmark	11	11	11	11	9 <sup>(10)</sup>	8 <sup>(10)</sup>	1.1	0.2	0.8	0.7	0.6	...
France	127	98	115	103	96	127	13.9	10.9	6.9	12.8	11.9	13.9
Germany	260	231	253	249	227	226	17.8	21.9	16.3	6.6	25.7	34.2
Greece	29	22	21	29	24 <sup>(10)</sup>	15 <sup>(10)</sup>	1.3	1.7	0.8	2.5	1.9	...
Hungary	20	20	13	10	8 <sup>(10)</sup>	7 <sup>(10)</sup>	0.7	0.7	0.7	0.7	0.8	...
Italy	176	202	226	273	230 <sup>(10)</sup>	228 <sup>(10)</sup>	45.4	16.3	4.6	32.0	25.9	...
Netherlands	178	138	182	220	186 <sup>(10)</sup>	145 <sup>(10)</sup>	12.7	17.9	16.4	9.2	6.3	...
Portugal	13	14	18	13	11 <sup>(10)</sup>	9 <sup>(10)</sup>	1.0	1.3	0.6	1.0	0.9	...
Slovak Rep	24	29	30	38	32 <sup>(10)</sup>	27 <sup>(10)</sup>	2.3	2.9	2.6	2.4	2.3	...
Sweden	27	25	22	30	24 <sup>(10)</sup>	22 <sup>(10)</sup>	0.8	0.7	1.9	2.4	2.6	...
Switzerland	19	21	12	15	12 <sup>(10)</sup>	11 <sup>(10)</sup>	2.1	0.8	1.0	0.5	2.4	...
Ukraine	25	2	26	33	24 <sup>(9)</sup>	23 <sup>(9)</sup>	2.0	2.9	3.9	2.8	...	...
United Kingdom	111	106	174	142	111 <sup>(10)</sup>	110 <sup>(10)</sup>	9.6	14.8	11.5	9.1	12.3	...
<b>America</b>												
Brazil	29	14	23	32	26 <sup>(10)</sup>	18 <sup>(10)</sup>	0.9	1.9	1.9	1.5	2.8	...
United States	827	878	792	868	802	632	55.0	57.8	51.1	45.9	50.2	57.7
<b>Asia</b>												
Bangladesh	56	59	45	46	42	...	...	...	...	...	...	...
China	22	69	136	239	216	358	8.8	20.6	19.2	63.3	54.6	61.5
Hong Kong, China	20	17	26	29	23 <sup>(10)</sup>	17 <sup>(10)</sup>	1.5	1.0	1.6	1.1	2.4	...
India	73	77	89	127	74 <sup>(7)</sup>	83 <sup>(7)</sup>	19.7	4.8	...	...	...	...
Indonesia	89	85	79	87	60 <sup>(8)</sup>	60 <sup>(8)</sup>	6.8	6.4	4.7	...	...	...
Japan	64	17	41	42	41	41	1.7	2.2	2.9	1.6	3.5	1.8
Korea Rep	97	115	108	72	56 <sup>(10)</sup>	51 <sup>(10)</sup>	4.1	4.5	5.3	3.2	4.2	...
Malaysia	106	78	158	50	40 <sup>(9)</sup>	354 <sup>(9)</sup>	51.4	3.4	203.0	3.0	...	...
Pakistan	11	14	14	14	13	...	...	...	...	...	...	...
Philippines	33	32	19	20	12 <sup>(7)</sup>	9 <sup>(7)</sup>	1.1	0.8	...	...	...	...
Singapore	204	142	68	18	13 <sup>(9)</sup>	9 <sup>(9)</sup>	0.3	0.4	3.9	0.4	...	...
Taiwan, China	277	304	332	344	314	285	26.4	26.2	28.1	20.7	26.6	21.8
Thailand	14	24	21	32	28 <sup>(10)</sup>	22 <sup>(10)</sup>	1.7	6.4	1.3	0.5	0.8	...
<b>Oceania</b>												
New Zealand	16	17	13	13	12 <sup>(10)</sup>	11 <sup>(10)</sup>	1.2	0.4	1.0	1.5	0.8	...
<b>Exports</b>												
<b>Europe</b>												
Belgium	90	107	110	138	114 <sup>(10)</sup>	9 <sup>(10)</sup>	0.6	0.6	0.1	1.0	0.9	...
Bulgaria	72	69	73	88	81	-	...	...	...	...	...	...
Finland	175	189	212	236	216	215	19.3	18.3	18.6	20.6	20.5	22.9
France	127	143	110	115	106	77	9.7	7.0	8.8	8.2	4.9	1.3
Germany	71	94	103	91	82	79	7.0	8.7	3.2	5.3	6.2	6.7
Netherlands	284	197	421	285	244 <sup>(10)</sup>	254 <sup>(10)</sup>	29.0	29.5	20.8	25.9	31.5	...
Norway	113	133	126	127	117	122	13.1	9.8	10.2	14.8	10.3	10.0
Poland	85	79	64	71	59 <sup>(10)</sup>	60 <sup>(10)</sup>	4.2	3.7	4.7	4.1	4.2	...
Russian Federation	108	110	83	104	69 <sup>(9)</sup>	31 <sup>(9)</sup>	2.8	2.8	2.8	2.2	...	...
Spain	94	79	246	295	265	314	48.1	18.7	18.3	30.4	52.5	31.0
United Kingdom	16	16	3	1	1 <sup>(10)</sup>	1 <sup>(10)</sup>	0.1	0.1	0.0	0.1	0.1	...
<b>Africa</b>												
South Africa	16	9	21	16	12 <sup>(9)</sup>	9 <sup>(9)</sup>	0.8	0.9	0.2	0.8	...	...
<b>America</b>												
Argentina	8	16	16	11	8 <sup>(9)</sup>	7 <sup>(9)</sup>	0.7	0.7	0.8	1.1	...	...
Brazil	23	50	66	59	52 <sup>(10)</sup>	54 <sup>(10)</sup>	7.4	5.0	4.4	4.9	7.8	...
Canada	495	598	591	614	557	480	45.4	39.8	36.6	30.6	25.9	44.3
Mexico	151	161	181	189	134 <sup>(9)</sup>	142 <sup>(9)</sup>	13.9	15.2	24.3	16.8	...	...
Peru	121	127	137	113	96 <sup>(10)</sup>	84 <sup>(10)</sup>	7.1	7.2	7.3	10.9	11.2	...
<b>Asia</b>												
China	544	472	451	224	205	112	6.7	10.2	11.8	4.1	2.0	3.6
Japan	73	95	64	62	56	49	4.3	3.4	3.9	4.1	4.0	4.8
Kazakhstan	56	...	225	276	253	...	...	...	...	...	...	...
Korea Rep	209	261	317	320	267 <sup>(10)</sup>	219 <sup>(10)</sup>	15.7	12.3	18.7	20.2	23.5	...
Thailand	60	9	8	3	2 <sup>(10)</sup>	0 <sup>(10)</sup>	-	-	0.0	-	-	...
<b>Oceania</b>												
Australia	457	483	461	325	303	426	42.9	36.4	28.5	22.4	43.9	38.2

(7) January-July.

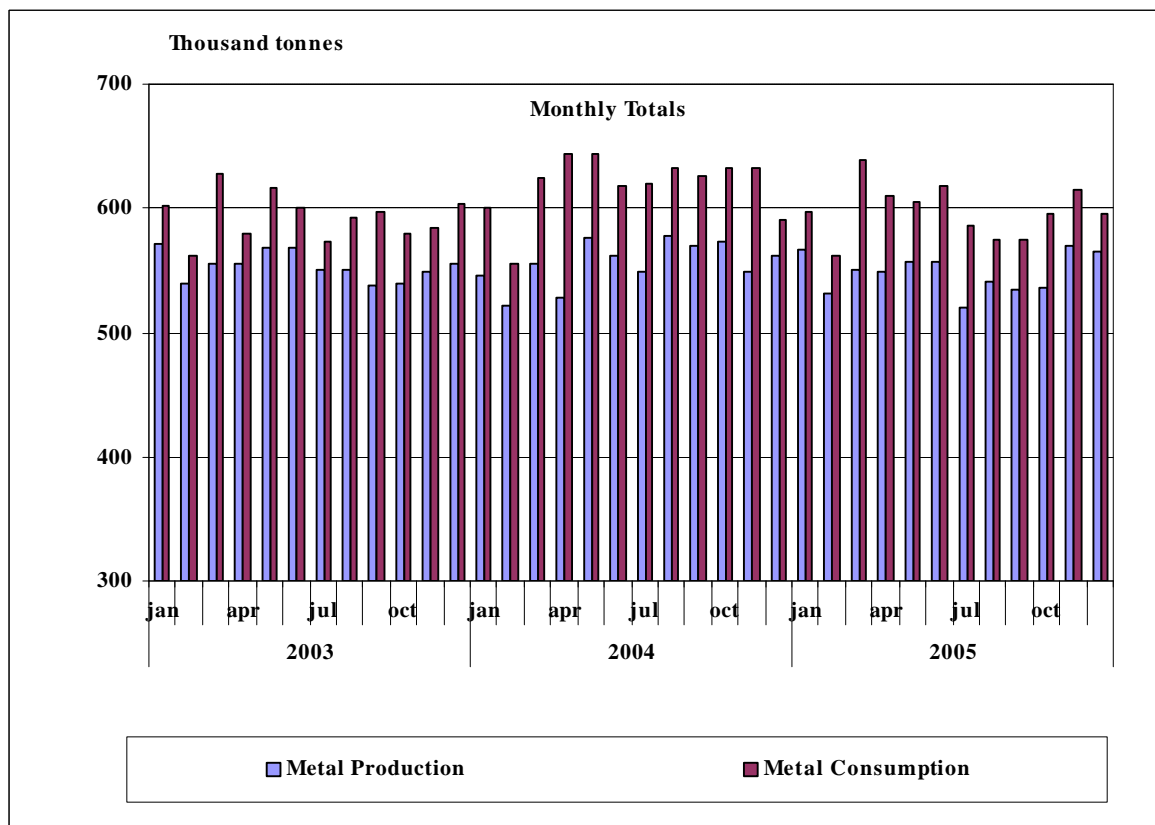
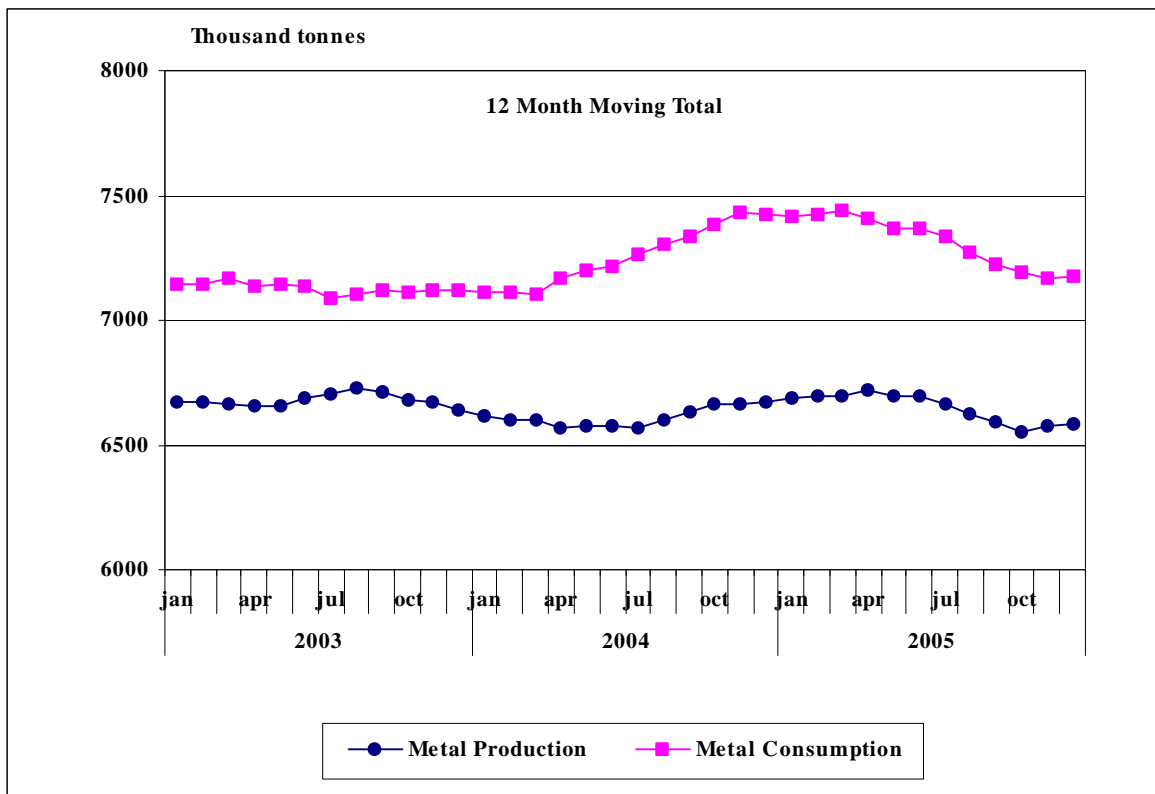
(8) January-August.

(9) January-September.

(10) January-October.

**Zinc: Western World: Metal Production and Consumption**

**Zinc: Monde occidental: Production et consommation de métal**



**Zinc: Western World: Supply and Demand: Current Trends:**

Zinc: Monde occidental: Approvisionnement et demande: Tendances Actuelles:

Thousand tonnes

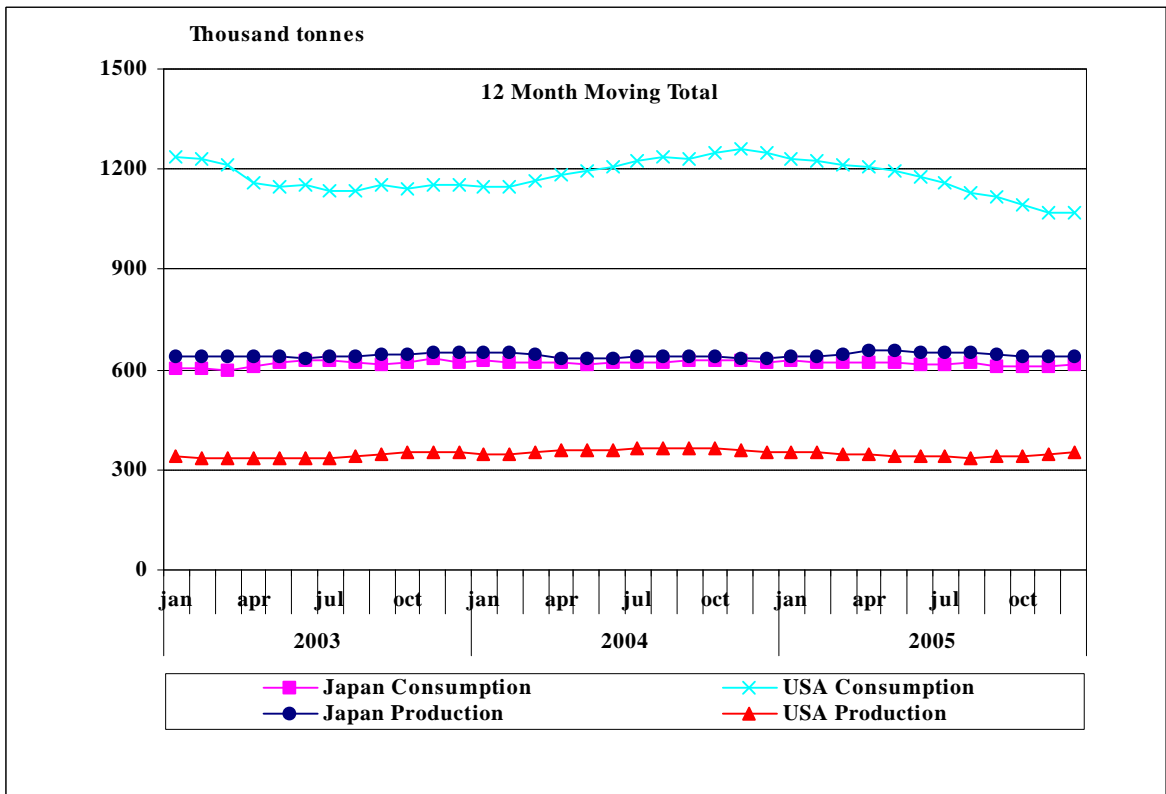
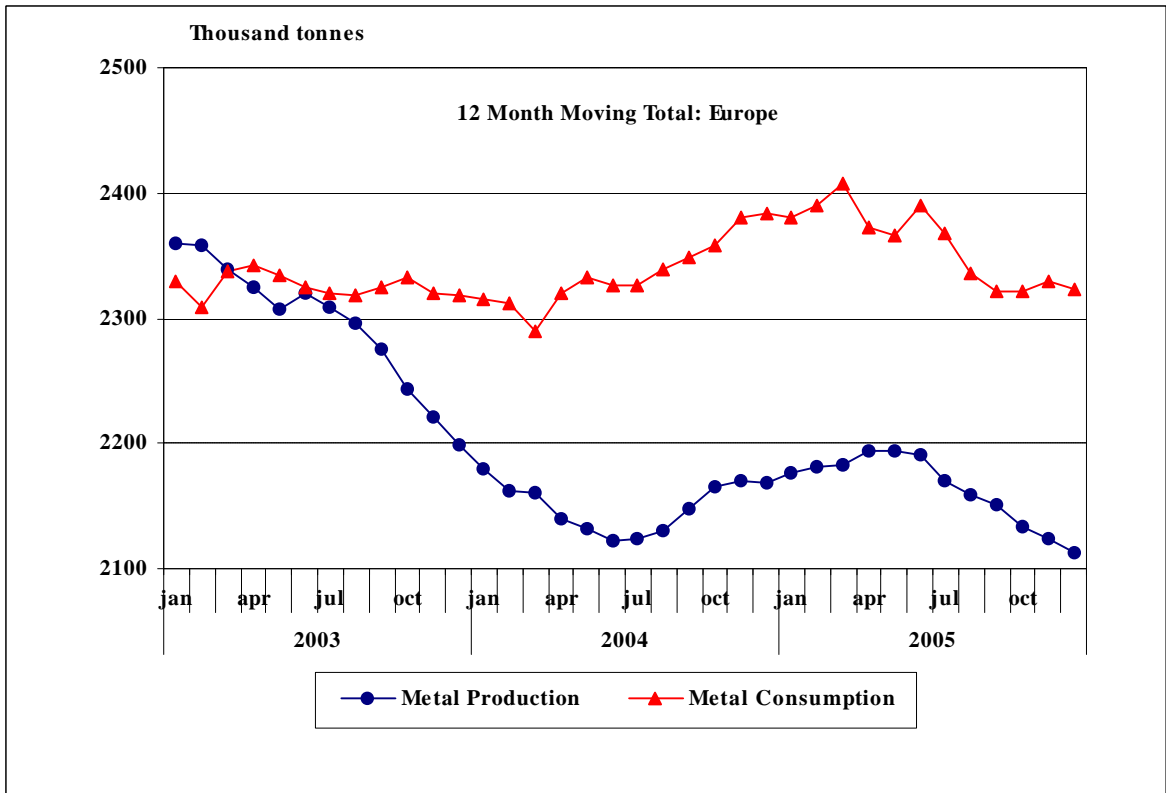
	Annual Totals:					Quarterly Totals:							
	2001	2002	2003	2004	2005	2004				2005			
						Jan - Mar	Apr - Jun	Jul - Sep	Oct - Dec	Jan - Mar	Apr - Jun	Jul - Sep	Oct - Dec
<b>Concentrates (Zinc content):</b>													
<b>Production</b>	<b>6618</b>	<b>6469</b>	<b>6705</b>	<b>6545</b>	<b>6678</b>	<b>1640</b>	<b>1627</b>	<b>1652</b>	<b>1626</b>	<b>1655</b>	<b>1650</b>	<b>1704</b>	<b>1668</b>
Europe	695	553	668	676	702	171	163	157	185	175	168	175	184
Canada	1,065	916	788	791	676	204	190	213	183	173	185	165	153
Mexico	429	446	472	462	433	116	116	116	116	105	87	110	132
Peru	1,056	1,219	1,369	1,209	1,223	312	307	307	283	310	304	313	295
United States	842	784	768	739	747	179	181	197	183	181	179	203	184
Australia	1,476	1,444	1,447	1,298	1,332	315	324	326	334	317	338	345	333
Other Countries	1,055	1,107	1,193	1,370	1,564	344	346	337	343	394	389	394	387
<b>Net exports to (-)/ imports from (+) Eastern Countries</b>	<b>-505</b>	<b>-433</b>	<b>-479</b>	<b>-426</b>	<b>-397</b>	<b>-122</b>	<b>-97</b>	<b>-95</b>	<b>-112</b>	<b>-114</b>	<b>-94</b>	<b>-88</b>	<b>-101</b>
<b>Direct use for Zinc oxide</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Balance available for smelting/ refining</b>	<b>6109</b>	<b>6032</b>	<b>6223</b>	<b>6115</b>	<b>6277</b>	<b>1517</b>	<b>1530</b>	<b>1556</b>	<b>1513</b>	<b>1540</b>	<b>1555</b>	<b>1615</b>	<b>1566</b>
<b>Slab Zinc Production:</b>													
<b>Primary</b>	<b>5661</b>	<b>6041</b>	<b>6049</b>	<b>6116</b>	<b>6059</b>	<b>1486</b>	<b>1531</b>	<b>1554</b>	<b>1545</b>	<b>1518</b>	<b>1531</b>	<b>1468</b>	<b>1542</b>
<b>Secondary</b>	<b>622</b>	<b>628</b>	<b>593</b>	<b>552</b>	<b>521</b>	<b>136</b>	<b>135</b>	<b>143</b>	<b>138</b>	<b>132</b>	<b>132</b>	<b>127</b>	<b>130</b>
<b>Total</b>	<b>6283</b>	<b>6668</b>	<b>6643</b>	<b>6668</b>	<b>6580</b>	<b>1622</b>	<b>1666</b>	<b>1697</b>	<b>1683</b>	<b>1650</b>	<b>1663</b>	<b>1595</b>	<b>1672</b>
Europe	2,313	2,369	2,199	2,169	2,113	519	527	572	551	533	535	533	513
Canada	661	793	761	805	721	193	204	200	209	205	204	134	178
United States	329	339	350	354	355	92	95	91	76	87	85	93	91
Japan	644	640	651	635	638	157	162	151	164	166	173	144	155
Australia	556	567	553	474	456	114	121	118	120	117	108	117	114
Other Countries	1,780	1,960	2,128	2,232	2,297	547	556	565	564	542	559	574	622
<b>Consumption</b>	<b>6897</b>	<b>7117</b>	<b>7116</b>	<b>7421</b>	<b>7173</b>	<b>1780</b>	<b>1906</b>	<b>1879</b>	<b>1856</b>	<b>1798</b>	<b>1833</b>	<b>1736</b>	<b>1806</b>
Europe	2,390	2,342	2,319	2,383	2,323	554	624	608	597	579	606	540	598
United States	1,179	1,217	1,152	1,251	1,072	314	316	312	309	277	277	255	264
Japan	633	603	619	623	613	152	163	153	156	148	161	143	161
Other Countries	2,694	2,955	3,027	3,163	3,165	760	803	805	795	794	790	798	783
<b>Net exports to (-)/ imports from (+) Eastern Countries</b>	<b>850</b>	<b>760</b>	<b>669</b>	<b>471</b>	<b>243</b>	<b>118</b>	<b>118</b>	<b>113</b>	<b>122</b>	<b>90</b>	<b>103</b>	<b>53</b>	<b>-3</b>
<b>US Stockpile Disposals</b>	<b>23</b>	<b>3</b>	<b>7</b>	<b>32</b>	<b>31</b>	<b>7</b>	<b>10</b>	<b>9</b>	<b>6</b>	<b>3</b>	<b>10</b>	<b>9</b>	<b>9</b>
<b>Metal Balance</b>	<b>259</b>	<b>315</b>	<b>203</b>	<b>-250</b>	<b>-320</b>	<b>-33</b>	<b>-112</b>	<b>-60</b>	<b>-45</b>	<b>-56</b>	<b>-57</b>	<b>-79</b>	<b>-127</b>
<b>Reported Metal Stocks (at end of period):</b>													
Producers	377	315	293	280	287	275	274	282	280	284	294	276	287
Consumers*	120	115	114	116	111	114	114	112	116	112	113	114	111
Merchants**	16	14	12	13	16	18	17	15	13	21	19	18	16
L.M.E.	433	651	740	629	394	716	730	736	629	571	611	530	394
<b>Total</b>	<b>946</b>	<b>1095</b>	<b>1158</b>	<b>1038</b>	<b>808</b>	<b>1122</b>	<b>1135</b>	<b>1145</b>	<b>1038</b>	<b>988</b>	<b>1038</b>	<b>937</b>	<b>808</b>
<b>Stock Ratio***</b>	<b>7</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>6</b>	<b>7.8</b>	<b>8.0</b>	<b>7.9</b>	<b>7.6</b>	<b>6.7</b>	<b>7.3</b>	<b>7.1</b>	<b>5.9</b>

\* Reported stocks only. Estimates of other consumer stocks are shown in Table 38 (page 52).

\*\* Estimate included for unreported stocks, arising from Japanese GSP imports, included in merchant stocks for April 1997 onwards.

\*\*\* Weeks of consumption.

**Zinc: Western World: Metal Production and Consumption**  
**Zinc: Monde occidental: Production et consommation de**





**Zinc: Western World: Production and Consumption: Current Trends:**

Zinc: Monde occidental: Production et Consommation : Tendances Actuelles:

Thousand tonnes

**Mine Production (zinc content)**

	Europe			Canada			Australia			Other Countries			Total		
	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005
January	55	53	61	65	71	64	132	109	113	307	329	327	559	562	564
February	48	59	53	58	61	56	113	96	105	295	303	328	515	519	542
March	59	60	62	73	72	53	131	109	100	324	317	335	586	558	550
April	58	52	59	66	62	59	119	113	114	305	319	320	547	546	552
May	59	59	55	65	64	65	133	104	111	333	329	317	590	556	548
June	49	52	54	67	65	62	137	107	113	320	302	322	573	526	550
July	55	53	51	62	68	63	128	116	120	324	321	339	569	558	573
August	53	52	64	65	75	51	123	112	111	311	331	343	552	570	569
September	57	52	60	65	69	51	114	98	113	326	305	338	562	524	563
October	63	62	59	72	67	49	100	116	106	314	316	325	550	561	539
November	59	66	61	66	56	48	105	109	102	321	309	331	552	540	542
December	53	57	63	64	60	57	113	109	125	322	299	342	551	524	587
Jan/Dec	668	676	702	788	791	676	1,447	1,298	1,332	3802	3780	3967	6,705	6,545	6,678
<b>Year</b>	<b>668</b>	<b>676</b>	<b>702</b>	<b>788</b>	<b>791</b>	<b>676</b>	<b>1447</b>	<b>1298</b>	<b>1332</b>	<b>3802</b>	<b>3780</b>	<b>3967</b>	<b>6705</b>	<b>6545</b>	<b>6678</b>

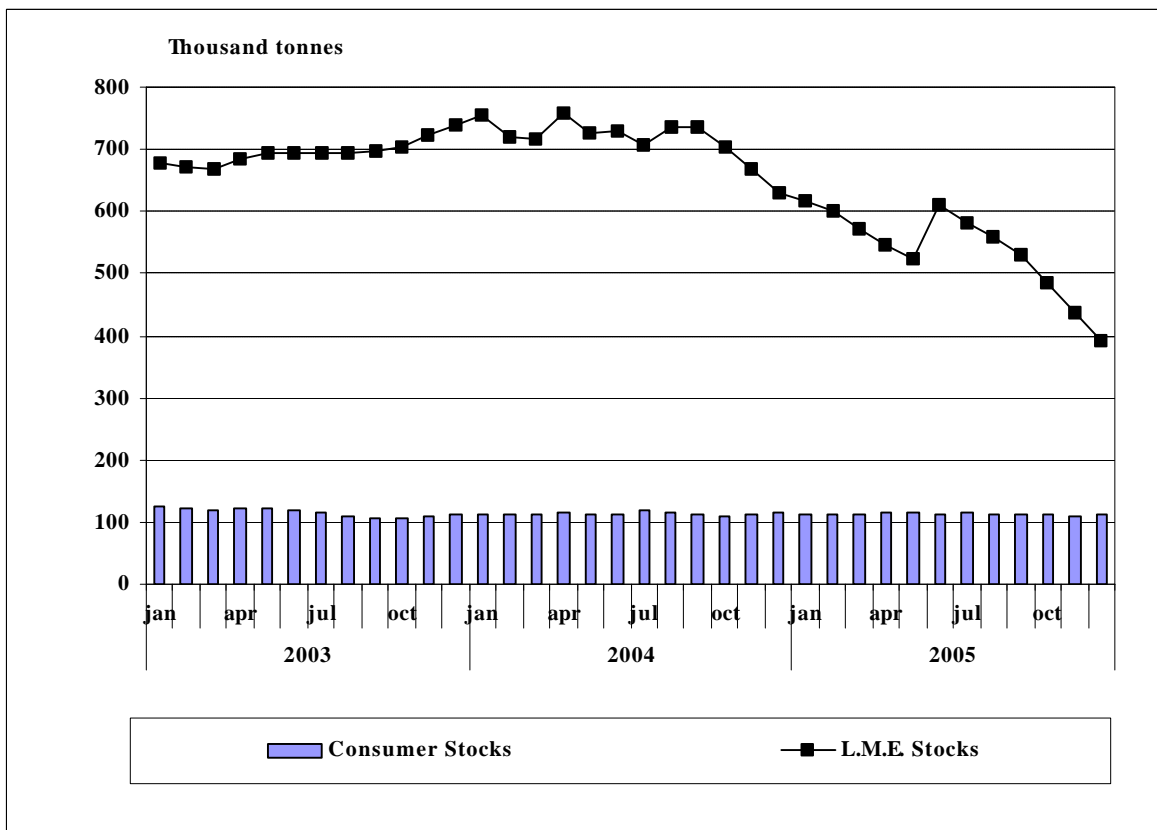
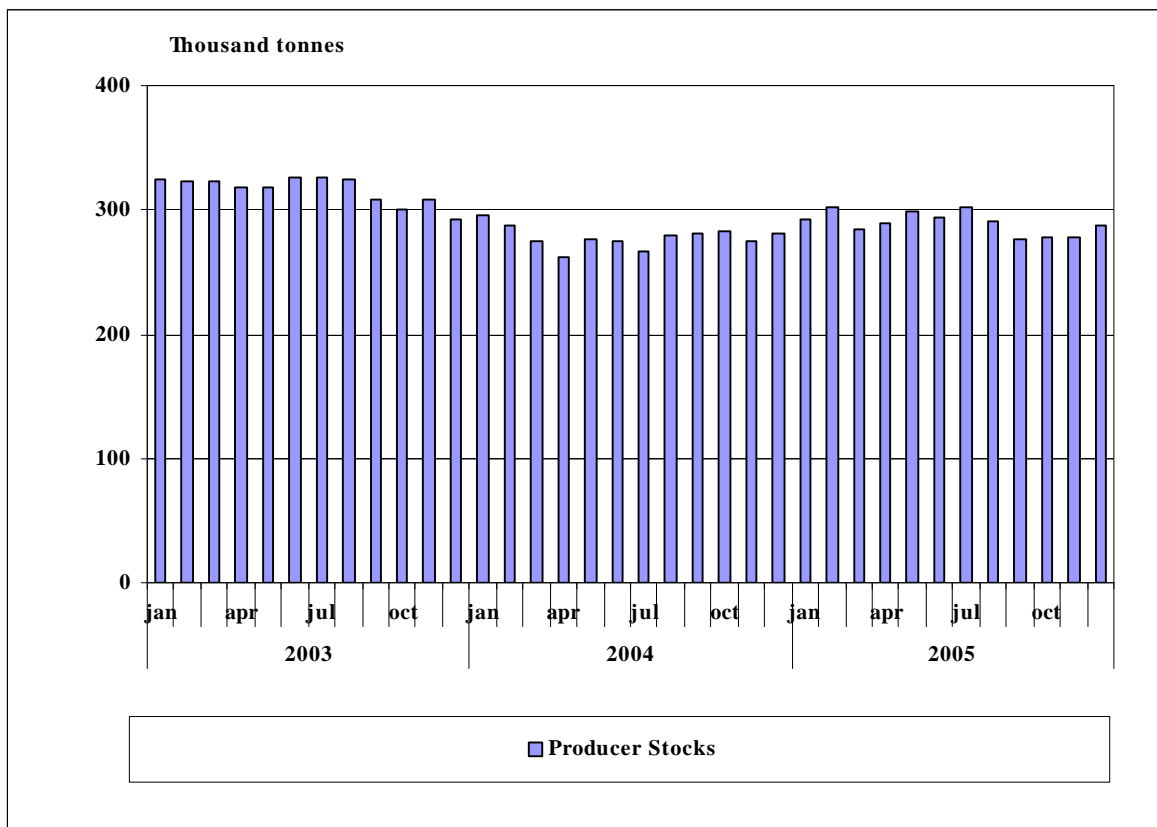
**Production: Refined Zinc**

	Europe			Canada			Japan			Other Countries			Total		
	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005
January	194	175	182	68	61	71	57	56	58	253	254	256	572	546	567
February	186	169	174	64	60	64	50	51	52	239	242	241	540	522	531
March	178	176	177	71	72	70	58	50	56	249	257	248	556	555	551
April	186	167	178	65	63	65	56	45	57	248	254	250	555	528	549
May	188	179	180	68	71	69	60	62	61	252	263	248	568	576	557
June	191	181	177	63	70	70	55	56	55	258	256	255	568	562	557
July	190	191	171	59	62	54	41	43	42	262	254	253	551	549	521
August	183	190	180	58	70	41	52	54	53	258	264	267	551	578	541
September	173	190	182	58	68	38	55	55	49	252	257	264	538	570	534
October	173	192	175	59	67	48	56	58	51	252	257	263	540	573	537
November	177	180	170	63	71	68	56	52	51	254	245	281	550	549	570
December	179	178	168	64	70	62	56	55	53	256	258	282	556	562	565
Jan/Dec	2,199	2,169	2,113	761	805	721	651	635	638	3031	3060	3108	6,643	6,668	6,580
<b>Year</b>	<b>2199</b>	<b>2169</b>	<b>2113</b>	<b>761</b>	<b>805</b>	<b>721</b>	<b>651</b>	<b>635</b>	<b>638</b>	<b>3031</b>	<b>3060</b>	<b>3108</b>	<b>6643</b>	<b>6668</b>	<b>6580</b>

**Consumption: Refined Zinc**

	Europe			United States			Japan			Other Countries			Total		
	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005
January	193	189	185	113	107	87	46	53	55	249	252	270	601	601	597
February	173	171	180	95	96	87	52	45	44	242	243	250	562	555	562
March	218	195	213	95	111	103	50	53	49	265	266	274	627	624	639
April	195	225	190	82	100	94	51	53	58	251	266	269	580	644	610
May	195	207	201	94	106	95	61	55	54	265	275	256	616	645	605
June	197	191	215	96	110	88	54	55	50	254	262	265	601	617	618
July	199	200	178	91	106	91	48	50	46	235	264	271	573	620	586
August	186	199	168	100	112	82	46	48	53	260	273	272	592	632	575
September	201	210	195	94	94	81	48	55	44	253	268	255	596	627	575
October	197	206	205	87	106	84	56	53	52	239	267	255	579	632	596
November	178	200	210	103	114	90	54	52	55	250	267	260	585	633	614
December	188	191	183	101	90	90	53	51	55	263	260	268	604	591	595
Jan/Dec	2,319	2,383	2,323	1,152	1,251	1,072	619	623	613	3027	3163	3165	7,116	7,421	7,173
<b>Year</b>	<b>2319</b>	<b>2383</b>	<b>2323</b>	<b>1152</b>	<b>1251</b>	<b>1072</b>	<b>619</b>	<b>623</b>	<b>613</b>	<b>3027</b>	<b>3163</b>	<b>3165</b>	<b>7116</b>	<b>7421</b>	<b>7173</b>

**Zinc: Western World: Stocks of Refined Metal**  
**Zinc: Monde Occidentale: Stocks de métal raffiné**



**Zinc: Western World: Metal Stocks: Current Trends:**

Zinc: Monde occidental: Stocks de métal: Tendances actuelles:

Thousand Tonnes

**Producers' Stocks**

	Europe			United States			Japan			Other Countries *			Total		
	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005
January	81	76	74	12	6	10	62	64	60	169	148	147	324	295	292
February	82	82	77	9	5	11	59	66	62	173	134	152	323	287	302
March	83	79	71	6	6	10	61	60	61	173	130	141	323	275	284
April	78	72	73	8	7	9	60	49	65	172	133	141	318	261	289
May	77	69	77	7	8	7	68	60	75	166	139	140	318	276	299
June	86	64	64	8	6	7	71	63	79	161	141	144	326	274	294
July	92	65	76	8	6	6	62	52	73	163	143	147	326	266	303
August	92	70	77	8	6	7	64	56	80	160	148	128	325	280	291
September	81	65	72	8	7	7	67	55	77	152	155	119	308	282	276
October	77	63	68	8	7	7	64	59	77	150	154	126	300	283	278
November	81	63	65	8	7	10	65	56	78	154	148	125	308	274	278
December	73	69	66	8	6	10	61	54	82	150	151	129	293	280	287

**Consumers' Stocks****Merchant Stocks^**

	Europe**			United States			Japan			Total***			Total*		
	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005	2003	2004	2005
January	44	37	38	59	56	57	23	20	16	125	112	111	13	13	14
February	44	37	38	57	55	57	22	20	18	123	112	113	12	16	16
March	44	38	38	55	55	56	20	21	18	119	114	112	17	18	21
April	44	38	38	57	56	57	21	22	20	122	116	114	19	18	19
May	44	38	38	56	55	56	22	21	20	122	114	114	17	18	21
June	43	38	38	56	54	55	20	22	20	119	114	113	18	17	19
July	39	38	38	56	58	57	21	23	22	115	119	116	15	18	18
August	35	38	38	55	54	56	21	24	20	111	115	114	14	15	13
September	31	38	37	53	54	56	21	20	20	105	112	114	13	15	18
October	32	38	37	55	54	56	20	18	19	107	110	112	12	13	17
November	34	38	37	57	54	55	20	19	19	110	111	111	12	13	16
December	36	38	37	55	56	55	23	22	19	114	116	111	12	13	16

**London Metal Exchange Stocks**

	2004		Closing Stocks	2005		Closing Stocks	2006		Closing Stocks
	Deliveries:			Deliveries:			Deliveries:		
	In	Out		In	Out		In	Out	
January	49.4	33.1	756.2	23.0	35.7	615.9	6.7	29.4	370.8
February	8.4	43.6	721.0	14.3	28.6	601.6			
March	41.7	46.3	716.4	1.8	32.8	570.6			
April	94.2	51.3	759.3	14.6	38.9	546.4			
May	3.7	35.7	727.4	0.0	23.5	522.9			
June	33.0	30.2	730.1	109.0	20.8	611.2			
July	6.1	31.0	705.2	1.2	30.8	581.5			
August	49.0	20.0	734.2	5.9	27.8	559.6			
September	29.2	26.9	736.5	2.1	31.7	530.0			
October	2.1	33.4	705.2	7.2	52.9	484.4			
November	1.0	36.3	669.8	2.8	49.4	437.8			
December	1.6	42.8	628.6	1.0	45.3	393.6			

\* For details of countries included, see Table 38 (page 52).

\*\* Germany and United Kingdom only.

\*\*\* Reported stocks only. For estimates for other countries see Table 32 (page 48).

**Zinc: Western World: Refined Metal Stocks**

Zinc: Monde occidental: Stocks de métal raffiné

Thousand tonnes

	End of Year:				End of Month:							
	2001	2002	2003	2004	2005	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Commercial Stocks:</b>												
<b>Producers:*</b>	<b>377</b>	<b>315</b>	<b>293</b>	<b>280</b>	<b>294.2</b>	<b>302.8</b>	<b>291.5</b>	<b>276.1</b>	<b>278.1</b>	<b>278.4</b>	<b>287.2</b>	
Europe	106	83	73	69	64.4	75.9	77.2	72.0	67.7	65.2	65.8	
Canada	40	33	27	28	40.1	40.0	22.7	13.3	23.2	22.3	22.0	
United States	7	9	8	6	6.7	6.4	7.0	7.5	7.0	9.6	10.0	
Japan	88	56	61	54	79.5	73.5	79.5	77.4	77.0	78.3	82.3	
Australia	65	52	38	18	13.5	17.8	14.8	15.5	11.7	11.5	14.4	
Other Countries**	71	82	86	105	90.1	89.2	90.3	90.4	91.5	91.6	92.7	
<b>Consumers:</b>	<b>120</b>	<b>115</b>	<b>114</b>	<b>116</b>	<b>113.1</b>	<b>116.4</b>	<b>113.8</b>	<b>113.6</b>	<b>112.4</b>	<b>110.5</b>	<b>111.0</b>	
Germany	30	27	27	28	28.0	27.8	27.6	27.4	27.2	27.0	27.0	
United Kingdom	9	9	9	10	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
United States***	57	59	55	56	55.4	56.7	56.3	56.4	55.9	54.5	55.0	
Japan	24	20	23	22	19.7	21.9	19.9	19.8	19.2	19.0	19.0	
<b>Merchants:</b>	<b>16</b>	<b>14</b>	<b>12</b>	<b>13</b>	<b>19.3</b>	<b>18.0</b>	<b>13.0</b>	<b>17.8</b>	<b>16.7</b>	<b>16.2</b>	<b>16.0</b>	
Germany	4	4	0	1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
United States^	10	10	10	10	10.2	10.2	10.2	10.2	10.2	10.2	10.0	
Japan	2	1	1	2	8.0	6.8	1.7	6.5	5.5	5.0	5.0	
<b>London Metal Exchange:</b>	<b>433</b>	<b>651</b>	<b>740</b>	<b>629</b>	<b>611.2</b>	<b>581.5</b>	<b>559.6</b>	<b>530.0</b>	<b>484.4</b>	<b>437.8</b>	<b>393.6</b>	
Belgium Antwerp	-	-	4	-	-	-	-	-	-	-	-	
France Dunkirk	-	-	-	-	-	-	-	-	-	-	-	
Germany Bremen	-	-	-	-	-	-	-	-	-	-	-	
Hamburg	-	-	-	-	-	-	-	-	0.0	0.0	-	
Italy Genoa	1	3	-	12	15.6	15.0	14.9	14.9	14.6	16.1	15.7	
Leghorn	-	3	3	28	33.8	33.8	33.5	30.5	20.4	17.2	10.9	
Trieste	86	45	41	73	66.0	63.7	59.9	55.9	58.8	51.8	42.3	
Malaysia Johor	-	-	-	-	63.3	58.8	54.0	41.1	29.6	26.0	21.3	
Netherlands Rotterdam	0	0	5	7	5.5	3.5	1.9	1.9	1.9	1.5	1.2	
Vlissingen	16	40	39	24	29.9	28.8	25.1	22.4	14.0	7.1	4.8	
Singapore	136	208	173	85	40.6	37.9	36.3	33.0	31.3	28.4	25.6	
Spain Barcelona	2	0	0	2	2.3	1.1	0.3	0.3	0.3	0.3	0.3	
Bilbao	2	2	2	2	1.9	1.9	1.9	4.0	3.9	3.3	2.8	
Sweden Gothenburg	-	-	-	-	-	-	-	-	-	-	-	
Helsingborg	50	32	-	-	-	-	-	-	-	-	-	
United Arab Emirates Dubai	-	32	102	93	41.7	32.9	26.9	22.2	14.1	6.8	1.3	
United Kingdom Avonmouth	-	-	-	-	-	-	-	-	-	-	-	
Hull	-	-	-	-	-	-	-	-	-	-	-	
Liverpool	-	5	5	-	5.0	5.0	5.0	5.0	4.5	4.2	4.2	
Newcastle	-	-	-	-	-	-	-	-	-	-	-	
Sunderland	-	2	15	1	11.2	11.9	11.7	11.4	11.1	10.1	9.2	
United States Baltimore	0	16	16	15	14.7	14.7	14.7	14.7	13.8	11.5	9.2	
Chicago	1	1	1	0	-	-	-	-	-	-	-	
Detroit	-	22	25	23	23.3	23.3	23.3	23.0	20.0	14.7	9.3	
Long Beach	-	-	2	1	1.1	1.1	1.0	0.6	0.6	0.3	0.1	
Los Angeles	3	3	13	1	0.5	0.5	-	-	-	-	-	
New Orleans	136	235	294	253	254.2	247.0	248.5	248.5	244.8	237.8	234.5	
St. Louis	1	1	1	-	-	-	-	-	-	-	-	
<b>Total</b>	<b>946</b>	<b>1,095</b>	<b>1,158</b>	<b>1,038</b>	<b>1,037.7</b>	<b>1,018.7</b>	<b>977.8</b>	<b>937.4</b>	<b>891.4</b>	<b>842.9</b>	<b>807.7</b>	
<b>Stock Ratio^^</b>	<b>7</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>7.4</b>	<b>7.2</b>	<b>7.3</b>	<b>7.1</b>	<b>6.7</b>	<b>6.1</b>	<b>5.7</b>	
<b>Non-Commercial Stocks:</b>												
<b>U.S. Stockpile:</b>	<b>115</b>	<b>112</b>	<b>104</b>	<b>72</b>	<b>59.1</b>	<b>56.5</b>	<b>54.5</b>	<b>50.0</b>	<b>47.0</b>	<b>44.0</b>	<b>41.0</b>	

\* All stocks owned or controlled by producers regardless of location, including stocks at refineries, in warehouses, in transit, at agents or distributors and at consumers' plants.

\*\* Africa, Argentina, Brazil, Mexico, Peru, India, Iran, Korea Rep., and Thailand.

\*\*\* Monthly figures include an estimate for companies reporting on an annual basis only.

^ Merchant stocks are reported to the U.S.G.S. by merchants, dealers and agents holding zinc in the United States and may include some zinc also reported by parent companies in other countries.

^^ Total of reported stocks (excluding estimated consumer stocks) expressed as number of weeks of metal consumption.

**Zinc: Trade with Eastern Countries**

Zinc: Commerce avec les pays de l'est

Thousand tonnes

	Annual Totals:				Year to Date:		Quarterly Totals:					
	2001	2002	2003	2004	2004	2005	2004	2005				
					Jan-Dec		Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
<b>Exports from Eastern Countries to other countries</b>												
<b>Ores/Concentrates (Zinc content):</b>												
C.I.S.	17	10	24	21	21	20	5	6	5	5	5	5
China	6	-	-	-	-	-	0	-	-	-	-	-
Poland	9	24	17	10	10	10	4	0	1	3	3	3
Vietnam	22	20	25	35	35	25	9	9	6	6	6	7
Other	4	1	1	1	1	1	0	0	0	0	0	1
<b>Total</b>	<b>58</b>	<b>55</b>	<b>67</b>	<b>67</b>	<b>67</b>	<b>56</b>	<b>18</b>	<b>15</b>	<b>12</b>	<b>14</b>	<b>14</b>	<b>16</b>
<b>Refined Metal:</b>												
Bulgaria	61	62	67	86	86	83	21	22	21	21	21	20
C.I.S.	236	226	147	181	181	185	45	46	46	46	46	47
China	536	467	444	223	223	122	57	64	38	41	26	17
Korea DPR	20	24	40	35	35	30	9	8	8	7	8	7
Poland	46	46	35	36	36	34	8	8	9	14	4	7
Romania	40	29	38	36	36	32	8	8	6	7	9	10
<b>Total</b>	<b>939</b>	<b>854</b>	<b>771</b>	<b>597</b>	<b>597</b>	<b>486</b>	<b>148</b>	<b>156</b>	<b>128</b>	<b>136</b>	<b>114</b>	<b>108</b>
of which to:												
France	10	9	8	7	7	3	1	2	1	1	0	1
Germany	44	34	37	20	20	17	3	4	6	6	3	2
Italy	66	71	47	60	60	50	8	21	19	18	13	-
Netherlands	45	37	30	33	33	14	17	2	5	6	3	-
United Kingdom	6	8	43	12	12	1	4	2	0	-	1	-
United States	119	114	21	19	19	2	2	7	1	0	-	1
Hong Kong, China	8	6	11	13	13	3	3	3	1	1	1	-
India	32	37	44	52	52	13	16	12	7	6	-	-
Indonesia	21	15	10	12	12	5	4	3	3	1	1	-
Japan	49	8	23	20	20	14	2	2	4	8	1	1
Korea Rep	93	110	102	62	62	35	12	16	11	14	10	-
Taiwan, China	121	138	161	127	127	49	30	21	16	19	10	4
Thailand	4	11	11	22	22	9	4	3	1	3	5	-
Other^	321	256	223	117	117	271	37	52	53	53	66	99
<b>Imports by Eastern Countries from other countries</b>												
<b>Ores/Concentrates (Zinc content):</b>												
Bulgaria	50	43	52	71	71	70	18	18	17	18	17	18
C.I.S.	92	70	60	33	33	36	8	9	9	9	9	9
China	331	305	327	266	266	219	64	73	76	42	40	61
Korea DPR	3	3	10	21	21	20	5	6	5	5	5	5
Poland	44	39	40	47	47	35	6	13	5	10	9	11
Romania	43	28	57	55	55	73	12	8	14	24	22	13
<b>Total</b>	<b>563</b>	<b>488</b>	<b>546</b>	<b>493</b>	<b>493</b>	<b>453</b>	<b>113</b>	<b>127</b>	<b>126</b>	<b>108</b>	<b>102</b>	<b>117</b>
<b>Refined Metal:</b>												
C.I.S.	3	1	1	0	0	1	0	0	0	0	0	1
China	18	20	22	43	43	160	13	14	19	16	40	85
Czech Rep.	11	5	7	8	8	9	2	2	2	2	2	3
Hungary	14	14	8	5	5	6	1	1	1	1	1	3
Romania	1	1	1	5	5	2	0	0	1	0	0	1
Slovak Rep	6	14	8	14	14	7	7	4	2	1	1	3
Vietnam	30	33	39	42	42	45	10	11	11	11	11	12
Other	6	6	15	9	9	13	2	2	2	2	6	3
<b>Total</b>	<b>89</b>	<b>94</b>	<b>102</b>	<b>127</b>	<b>127</b>	<b>244</b>	<b>35</b>	<b>34</b>	<b>38</b>	<b>33</b>	<b>61</b>	<b>111</b>
of which from:												
Belgium	5	7	8	8	8	0	3	1	-	0	-	-
Germany	5	6	9	6	6	5	1	1	1	1	1	2
Hong Kong, China	10	13	14	20	20	13	5	6	3	4	6	-
Japan	3	15	13	10	10	6	3	2	2	2	1	1
Korea Rep	15	19	19	32	32	29	8	8	9	10	10	-
Australia	2	2	9	25	25	57	7	7	21	3	8	25
Other^^	48	32	30	26	26	133	8	9	2	13	35	83

^ Includes estimated deliveries to warehouses in free port areas.

^^ Includes estimated deliveries from warehouses in free port areas.

Table 40

## ILZSG: "Lead and Zinc Statistics"

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## Zinc: Western World: Recovery of Secondary Zinc

Zinc: Monde occidental: Récupération de Zinc Secondaire

Thousand tonnes

	Annual Totals:				Year to Date:		Quarterly Totals:					
	2002	2003	2004	2005	2004	2005	2004	2005				
Refined Zinc Metal: *					Jan-Dec		Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
<b>Europe</b>	<b>344</b>	<b>288</b>	<b>280</b>	<b>247</b>	<b>280</b>	<b>247</b>	<b>75</b>	<b>70</b>	<b>62</b>	<b>64</b>	<b>60</b>	<b>61</b>
Belgium	70	42	39	39	39	39	10	10	9	9	11	11
France	56	34	38	35	38	35	10	10	10	10	10	6
Germany	105	133	128	96	128	96	32	27	23	25	21	26
Italy	49	35	33	35	33	35	13	13	10	9	8	8
Norway	24	24	24	24	24	24	6	6	6	6	6	6
Spain	30	19	18	18	18	18	5	5	5	5	5	5
United Kingdom	9	2	0	0	0	0	0	0	0	0	0	0
<b>America</b>	<b>154</b>	<b>154</b>	<b>134</b>	<b>136</b>	<b>134</b>	<b>136</b>	<b>33</b>	<b>33</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>
Mexico	4	4	4	4	4	4	1	1	1	1	1	1
United States	150	150	130	132	130	132	32	32	33	33	33	33
<b>Asia</b>	<b>123</b>	<b>145</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>33</b>	<b>33</b>	<b>34</b>	<b>33</b>	<b>31</b>	<b>33</b>
India	30	26	32	35	32	35	8	8	9	9	9	9
Japan	93	119	100	97	100	97	25	25	26	24	23	25
<b>Oceania</b>	<b>7</b>	<b>7</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
Australia	7	7	6	6	6	6	2	2	2	2	2	2
<b>Total</b>	<b>628</b>	<b>593</b>	<b>552</b>	<b>521</b>	<b>552</b>	<b>521</b>	<b>143</b>	<b>138</b>	<b>132</b>	<b>132</b>	<b>127</b>	<b>130</b>
<b>Remelted Zinc Metal/Zinc Alloys:</b>												
<b>Europe</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>
France	32	32	32	32	32	32	8	8	8	8	8	8
Germany	20	20	20	20	20	20	5	5	5	5	5	5
Italy	20	20	20	20	20	20	5	5	5	5	5	5
Other Europe	60	60	60	60	60	60	15	15	15	15	15	15
<b>America</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>
Canada	12	12	12	12	12	12	3	3	3	3	3	3
United States	4	4	4	4	4	4	1	1	1	1	1	1
Other America	20	20	20	20	20	20	5	5	5	5	5	5
<b>Asia</b>	<b>114</b>	<b>115</b>	<b>113</b>	<b>117</b>	<b>113</b>	<b>117</b>	<b>28</b>	<b>29</b>	<b>29</b>	<b>30</b>	<b>30</b>	<b>29</b>
India	20	20	20	20	20	20	5	5	5	5	5	5
Japan	34	35	33	37	33	37	8	9	9	10	10	9
Other Asia	60	60	60	60	60	60	15	15	15	15	15	15
<b>Total</b>	<b>282</b>	<b>283</b>	<b>281</b>	<b>285</b>	<b>281</b>	<b>285</b>	<b>70</b>	<b>71</b>	<b>71</b>	<b>72</b>	<b>72</b>	<b>71</b>
<b>Direct Use of Secondary Materials:**</b>												
<b>Europe</b>	<b>444</b>	<b>444</b>	<b>444</b>	<b>444</b>	<b>444</b>	<b>444</b>	<b>111</b>	<b>111</b>	<b>111</b>	<b>111</b>	<b>111</b>	<b>111</b>
France	60	60	60	60	60	60	15	15	15	15	15	15
Germany	152	152	152	152	152	152	38	38	38	38	38	38
Italy	144	144	144	144	144	144	36	36	36	36	36	36
United Kingdom	20	20	20	20	20	20	5	5	5	5	5	5
Other Europe	68	68	68	68	68	68	17	17	17	17	17	17
<b>Africa</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>
<b>America</b>	<b>338</b>	<b>338</b>	<b>338</b>	<b>338</b>	<b>338</b>	<b>338</b>	<b>85</b>	<b>84</b>	<b>85</b>	<b>85</b>	<b>85</b>	<b>84</b>
United States	290	290	290	290	290	290	73	72	73	73	73	72
Other America	48	48	48	48	48	48	12	12	12	12	12	12
<b>Asia</b>	<b>360</b>	<b>360</b>	<b>360</b>	<b>360</b>	<b>360</b>	<b>360</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>
India	24	24	24	24	24	24	6	6	6	6	6	6
Japan	236	236	236	236	236	236	59	59	59	59	59	59
Taiwan, China	44	44	44	44	44	44	11	11	11	11	11	11
Other Asia	56	56	56	56	56	56	14	14	14	14	14	14
<b>Oceania</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Total</b>	<b>1179</b>	<b>1179</b>	<b>1179</b>	<b>1179</b>	<b>1179</b>	<b>1179</b>	<b>295</b>	<b>295</b>	<b>295</b>	<b>295</b>	<b>295</b>	<b>295</b>
<b>Total Recovery</b>	<b>2089</b>	<b>2055</b>	<b>2012</b>	<b>1985</b>	<b>2012</b>	<b>1985</b>	<b>508</b>	<b>503</b>	<b>497</b>	<b>499</b>	<b>493</b>	<b>496</b>

\* Slab zinc produced from secondary materials (scraps, residues and wastes).

\*\* Direct use of secondary materials, including zinc content of remelted brass, without undergoing further treatment before re-use.

N.B. All data for remelted zinc metal/zinc alloys and direct use of secondary materials are estimated.

## Zinc: Country Tables: Australia

Zinc: Tableaux des Pays: Australie

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005	Aug	Sep	Oct	Nov	Dec
					Jan-Dec		Jul					
<b>Ores/Concentrates (Zinc Content):</b>												
<b>Production</b>	<b>1,476</b>	<b>1,444</b>	<b>1,447</b>	<b>1,298</b>	<b>1,298</b>	<b>1,332</b>	<b>120.3</b>	<b>111.1</b>	<b>113.3</b>	<b>105.7</b>	<b>102.1</b>	<b>124.9</b>
<b>Exports:</b>	<b>1,024</b>	<b>1,016</b>	<b>1,007</b>	<b>955</b>	<b>841</b> <sup>(11)</sup>	<b>833</b> <sup>(11)</sup>	<b>56.1</b>	<b>96.8</b>	<b>65.3</b>	<b>84.3</b>	<b>70.8</b>	<b>...</b>
Belgium	27	89	64	45	27	15	4.5	-	-	-	-	...
Canada	-	7	11	-	-	-	-	-	-	-	-	...
China	94	63	116	131	106	89	7.7	7.6	8.9	8.7	7.8	...
Germany	33	28	27	32	32	6	-	-	-	-	6.2	...
Greece	5	11	11	3	3	-	-	-	-	-	-	...
India	-	18	19	34	29	10	-	-	5.0	-	-	...
Italy	21	67	21	5	5	-	-	-	-	-	-	...
Japan	216	185	202	181	171	154	5.2	14.3	13.5	20.8	8.9	...
Korea Rep	252	173	186	234	200	263	10.2	47.1	5.0	31.3	26.7	...
Netherlands	188	219	225	230	212	192	15.4	16.8	17.9	18.6	16.3	...
Romania	11	-	17	16	16	27	7.4	-	-	4.9	4.9	...
South Africa	-	7	14	-	-	-	-	-	-	-	-	...
Spain	54	9	13	24	19	58	-	10.9	15.1	-	-	...
Thailand	32	25	24	-	-	11	5.8	-	-	-	-	...
United Kingdom	42	65	5	-	-	-	-	-	-	-	-	...
United States	28	28	30	16	16	8	-	-	-	-	-	...
Other	22	22	21	3	3	-	-	-	-	-	-	...
<b>Refined Zinc:</b>												
<b>Production:</b>	<b>556</b>	<b>567</b>	<b>553</b>	<b>474</b>	<b>474</b>	<b>456</b>	<b>39.4</b>	<b>38.6</b>	<b>39.3</b>	<b>36.4</b>	<b>38.8</b>	<b>38.6</b>
Primary	551	560	546	468	468	450	38.9	38.1	38.8	35.9	38.3	38.1
Secondary	5	7	7	6	6	6	0.5	0.5	0.5	0.5	0.5	0.5
<b>Exports:*</b>	<b>457</b>	<b>483</b>	<b>461</b>	<b>325</b>	<b>303</b> <sup>(11)</sup>	<b>426</b> <sup>(11)</sup>	<b>36.4</b>	<b>28.6</b>	<b>22.4</b>	<b>43.9</b>	<b>38.3</b>	<b>...</b>
Bangladesh	18	22	16	2	2	2	-	0.5	0.2	0.2	0.1	...
Hong Kong, China	87	92	105	119	107	136	14.1	12.6	8.0	12.0	12.4	...
India	13	12	14	5	5	10	2.0	0.7	0.7	1.0	0.6	...
Indonesia	32	33	31	18	16	15	0.7	0.6	1.7	1.1	0.5	...
Italy	27	38	30	-	-	19	-	-	-	-	-	...
Korea Rep	0	5	6	6	6	6	1.0	-	1.0	1.0	0.5	...
Malaysia	33	30	19	36	36	84	0.4	0.7	0.4	16.6	0.7	...
Netherlands	18	21	33	-	-	-	-	-	-	-	-	...
New Zealand	7	8	6	7	7	11	0.6	0.4	0.9	1.4	0.7	...
Saudi Arabia	15	21	24	17	16	7	-	0.5	0.4	0.4	-	...
Singapore	18	3	3	0	0	0	0.0	0.2	0.0	-	0.0	...
Taiwan, China	63	61	42	39	37	69	8.3	6.7	6.2	6.5	6.5	...
Thailand	9	15	7	6	5	4	0.2	0.5	0.3	0.5	-	...
United Arab Emirates	3	49	80	20	20	8	8.0	-	-	-	-	...
United Kingdom	5	4	19	11	8	-	-	-	-	-	-	...
United States	89	58	8	8	8	-	-	-	-	-	-	...
Vietnam	2	2	1	2	2	0	-	0.0	-	-	-	...
Other	18	10	17	29	27	54	1.2	5.2	2.6	3.3	16.3	...
<b>Consumption</b>	<b>222</b>	<b>249</b>	<b>254</b>	<b>250</b>	<b>250</b>	<b>241</b>	<b>21.9</b>	<b>19.4</b>	<b>15.4</b>	<b>17.5</b>	<b>18.2</b>	<b>19.8</b>
<b>Stocks:</b>												
Producers	65	52	38	18			17.8	14.8	15.5	11.7	11.5	14.4
<b>Principal Uses:**</b>												
Brass	6	6	6									
Galvanizing	57	68	68									
Rolled Zinc	1	1	1									
Zinc Oxide/Dust	5	4	3									
Miscellaneous	1	1	1									

\* Includes zinc alloys.

(11) January-November.

\*\* Refined zinc only.

Table 42

## ILZSG: "Lead and Zinc Statistics"

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## Zinc: Country Tables: Bulgaria

Zinc: Tableaux des Pays: Bulgarie

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Dec		Jul	Aug	Sep	Oct	Nov	Dec
<b>Ores/Concentrates (Zinc Content):</b>												
<b>Production</b>	<b>11</b>	<b>14</b>	<b>12</b>	<b>11</b>	<b>11</b>	<b>10</b>	<i>0.8</i>	<i>0.8</i>	<i>0.8</i>	<i>0.8</i>	<i>0.8</i>	<i>0.8</i>
<b>Imports:</b>	<b>62</b>	<b>60</b>	<b>75</b>	<b>87</b>	...	...	...	...	...	...	...	...
Greece	11	10	1	1	...	...	...	...	...	...	...	...
Morocco	13	7	11	10	...	...	...	...	...	...	...	...
Peru	11	16	23	18	...	...	...	...	...	...	...	...
Romania	9	12	9	7	...	...	...	...	...	...	...	...
Sweden	-	-	-	-	...	...	...	...	...	...	...	...
Turkey	10	8	9	18	...	...	...	...	...	...	...	...
Other	9	7	22	33	...	...	...	...	...	...	...	...
<b>Refined Zinc:</b>												
<b>Production:</b>	<b>88</b>	<b>82</b>	<b>86</b>	<b>102</b>	<b>102</b>	<b>98</b>	<i>8.2</i>	<i>8.2</i>	<i>8.2</i>	<i>8.2</i>	<i>8.2</i>	<i>8.2</i>
<b>Imports</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>3</b>	...	...	...	...	...	...	...	...
<b>Exports:</b>	<b>72</b>	<b>69</b>	<b>73</b>	<b>88</b>	...	...	...	...	...	...	...	...
Egypt	6	5	7	8	...	...	...	...	...	...	...	...
Greece	5	6	8	8	...	...	...	...	...	...	...	...
Italy	26	19	9	3	...	...	...	...	...	...	...	...
Romania	9	6	3	1	...	...	...	...	...	...	...	...
Switzerland	-	-	-	-	...	...	...	...	...	...	...	...
Turkey	13	26	33	56	...	...	...	...	...	...	...	...
Other	13	7	13	12	...	...	...	...	...	...	...	...
<b>Consumption</b>	<b>17</b>	<b>14</b>	<b>28</b>	<b>11</b>	<b>11</b>	<b>10</b>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>	<i>0.9</i>

Table 43

## Zinc: Country Tables: Poland

Zinc: Tableaux des Pays: Pologne

Thousand tonnes

<b>Ores/Concentrates (Zinc Content):</b>												
<b>Production</b>	<b>153</b>	<b>152</b>	<b>154</b>	<b>148</b>	<b>148</b>	<b>140</b>	<i>11.7</i>	<i>11.7</i>	<i>11.7</i>	<i>11.7</i>	<i>11.7</i>	<i>11.7</i>
<b>Imports:</b>	<b>59</b>	<b>56</b>	<b>58</b>	<b>58</b>	<b>49</b> <sup>(10)</sup>	<b>30</b> <sup>(10)</sup>	<b>4.0</b>	<b>3.1</b>	<b>2.0</b>	<b>4.6</b>	...	...
Australia	3	-	10	2	2	10	1.8	0.9	2.0	2.0	...	...
Canada	11	13	13	17	14	9	2.1	2.2	-	1.0	...	...
Chile	9	2	4	-	-	-	-	-	-	-	...	...
Honduras	11	16	9	10	10	-	-	-	-	-	...	...
Peru	1	-	-	-	-	-	-	-	-	-	...	...
Romania	18	17	18	10	8	1	0.1	-	-	-	...	...
Other	4	8	3	20	15	10	-	0.0	0.0	1.6	...	...
<b>Exports:</b>	<b>15</b>	<b>30</b>	<b>32</b>	<b>23</b>	<b>17</b> <sup>(10)</sup>	<b>27</b> <sup>(10)</sup>	<b>3.0</b>	<b>3.1</b>	<b>2.0</b>	<b>2.4</b>	...	...
Germany	9	7	4	4	3	4	0.6	0.6	-	0.5	...	...
Norway	-	-	-	0	0	3	0.5	1.0	0.5	0.5	...	...
Slovak Rep	5	5	9	2	2	-	-	-	-	-	...	...
Spain	-	17	13	6	6	-	-	-	-	-	...	...
Other	0	1	6	10	5	21	1.9	1.5	1.5	1.4	...	...
<b>Refined Zinc:</b>												
<b>Production:</b>	<b>175</b>	<b>159</b>	<b>154</b>	<b>154</b>	<b>154</b>	<b>154</b>	<i>12.8</i>	<i>12.8</i>	<i>12.8</i>	<i>12.8</i>	<i>12.8</i>	<i>12.8</i>
<b>Imports</b>	<b>6</b>	<b>8</b>	<b>12</b>	<b>18</b>	<b>12</b> <sup>(10)</sup>	<b>12</b> <sup>(10)</sup>	<b>0.9</b>	<b>1.0</b>	<b>5.0</b>	<b>1.2</b>	...	...
<b>Exports:</b>	<b>85</b>	<b>79</b>	<b>64</b>	<b>71</b>	<b>59</b> <sup>(10)</sup>	<b>60</b> <sup>(10)</sup>	<b>3.7</b>	<b>4.8</b>	<b>4.1</b>	<b>4.2</b>	...	...
Czech Rep.	16	14	11	13	11	11	0.9	1.1	1.1	1.0	...	...
Germany	19	17	15	23	20	20	0.7	1.0	0.9	1.0	...	...
Hungary	9	9	4	5	4	6	0.6	0.7	0.7	0.5	...	...
Italy	3	4	4	2	2	1	-	-	-	-	...	...
Slovak Rep	14	9	14	14	12	14	1.2	1.4	1.0	1.2	...	...
United States	4	12	-	-	-	-	-	-	-	-	...	...
Other	21	15	17	13	11	8	0.3	0.6	0.4	0.5	...	...
<b>Consumption</b>	<b>96</b>	<b>88</b>	<b>102</b>	<b>101</b>	<b>101</b>	<b>96</b>	<i>10.0</i>	<i>9.1</i>	<i>13.7</i>	<i>9.8</i>	<i>7.8</i>	<i>7.8</i>

(10) January-October.



Table 44

## Zinc: Country Tables: Canada

Zinc: Tableaux des Pays: Canada

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Dec		Jul	Aug	Sep	Oct	Nov	Dec
<b>Ores/Concentrates (Zinc Content):</b>												
<b>Production</b>	<b>1.065</b>	<b>916</b>	<b>788</b>	<b>791</b>	<b>791</b>	<b>676</b>	<b>62.6</b>	<b>51.0</b>	<b>51.4</b>	<b>48.6</b>	<b>47.8</b>	<b>56.7</b>
<b>Imports:</b>	<b>140</b>	<b>276</b>	<b>397</b>	<b>273</b>	<b>255</b> <sup>(11)</sup>	<b>187</b> <sup>(11)</sup>	<b>9.5</b>	<b>36.7</b>	<b>28.5</b>	<b>27.9</b>	<b>3.2</b>	<b>...</b>
Australia	-	0	21	-	-	-	-	-	-	-	-	...
Mexico	9	14	43	21	18	17	2.3	-	-	-	-	...
Peru	12	76	114	57	51	27	-	3.5	0.0	3.8	-	...
United States	115	187	220	192	186	143	7.2	33.2	28.5	24.1	3.2	...
Other	4	0	0	4	-	0	0.0	0.0	-	-	-	...
<b>Exports:</b>	<b>428</b>	<b>409</b>	<b>258</b>	<b>228</b>	<b>201</b> <sup>(11)</sup>	<b>149</b> <sup>(11)</sup>	<b>7.2</b>	<b>32.4</b>	<b>6.0</b>	<b>6.4</b>	<b>16.0</b>	<b>...</b>
Belgium	112	103	55	96	88	44	-	12.6	2.9	-	8.3	...
China	13	4	-	-	-	-	-	-	-	-	-	...
Finland	55	45	26	8	8	4	-	-	-	-	-	...
Germany	21	58	11	-	-	-	-	-	-	-	-	...
Italy	19	14	-	-	-	-	-	-	-	-	-	...
Japan	15	51	40	25	22	27	4.1	-	-	5.8	-	...
Korea Rep	20	21	4	18	18	23	2.6	5.2	-	-	4.7	...
Netherlands	-	-	3	0	0	-	-	-	-	-	-	...
Norway	20	18	13	16	12	4	-	-	-	-	-	...
Peru	6	7	3	-	-	5	-	-	-	-	-	...
Poland	9	5	10	12	12	15	-	2.5	2.5	-	2.5	...
Romania	5	-	17	2	-	3	-	3.2	-	-	-	...
Russian Federation	5	-	7	-	-	-	-	-	-	-	-	...
Spain	68	61	65	50	41	20	-	8.9	-	-	-	...
Sweden	41	-	-	-	-	-	-	-	-	-	-	...
Switzerland	4	16	-	-	-	0	-	-	-	-	-	...
United Kingdom	2	5	3	-	-	-	-	-	-	-	-	...
Other	11	0	-	-	-	3	0.6	-	0.6	0.6	0.6	...
<b>Refined Zinc:</b>												
<b>Production:</b>	<b>661</b>	<b>793</b>	<b>761</b>	<b>805</b>	<b>805</b>	<b>721</b>	<b>54.2</b>	<b>41.2</b>	<b>38.4</b>	<b>48.1</b>	<b>67.8</b>	<b>62.0</b>
<b>Imports</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>3</b> <sup>(11)</sup>	<b>2</b> <sup>(11)</sup>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>...</b>
<b>Exports:</b>	<b>495</b>	<b>598</b>	<b>591</b>	<b>614</b>	<b>557</b> <sup>(11)</sup>	<b>480</b> <sup>(11)</sup>	<b>39.9</b>	<b>36.6</b>	<b>30.6</b>	<b>26.0</b>	<b>44.3</b>	<b>...</b>
Hong Kong, China	10	13	12	22	20	11	0.3	1.4	0.1	0.0	1.1	...
Indonesia	9	7	6	6	6	5	-	0.8	0.3	0.2	1.1	...
Japan	4	2	4	4	3	3	-	0.6	0.1	-	0.5	...
Malaysia	2	8	10	9	8	7	-	1.0	0.5	0.1	0.9	...
Netherlands	11	-	-	-	-	-	-	-	-	-	-	...
New Zealand	1	-	-	-	-	-	-	-	-	-	-	...
Philippines	2	8	6	4	3	3	-	0.4	-	0.1	0.3	...
Singapore	2	2	2	2	2	1	-	0.1	-	0.1	-	...
Taiwan, China	3	11	27	28	23	13	0.6	1.3	-	0.7	1.9	...
United States	450	540	522	536	488	422	37.9	30.0	26.5	24.5	36.8	...
Other	1	7	3	4	4	17	1.0	1.0	3.1	0.2	1.6	...
<b>Consumption</b>	<b>180</b>	<b>192</b>	<b>185</b>	<b>188</b>	<b>188</b>	<b>174</b>	<b>12.9</b>	<b>15.5</b>	<b>15.1</b>	<b>12.5</b>	<b>15.7</b>	<b>16.2</b>
<b>Stocks:</b>												
Producers	40	33	27	28			40.0	22.7	13.3	23.2	22.3	22.0
<b>Principal Uses:*</b>	<b>145</b>	<b>150</b>	<b>146</b>									
Brass/Bronze	2	1	1									
Galvanizing	75	77	72									
Other	41	38	40									
Zinc Alloys	27	34	34									

\* Refined zinc.

(11) January-November.

## Zinc: Country Tables: China

Zinc: Tableaux des Pays: Chine

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005	Aug	Sep	Oct	Nov	Dec
					Jan-Dec		Jul					
<b>Ores/Concentrates (Zinc Content):</b>												
<b>Production</b>	<b>1,572</b>	<b>1,624</b>	<b>2,029</b>	<b>2,264</b>	<b>2,264</b>	<b>2,441</b>	<b>195.5</b>	<b>277.4</b>	<b>222.1</b>	<b>197.8</b>	<b>197.8</b>	<b>197.8</b>
<b>Imports:</b>	<b>384</b>	<b>393</b>	<b>373</b>	<b>306</b>	<b>306</b>	<b>284</b>	<b>15.5</b>	<b>8.5</b>	<b>26.8</b>	<b>30.2</b>	<b>21.7</b>	<b>34.7</b>
Australia	91	73	94	117	117	99	8.8	0.0	7.0	9.8	4.3	11.1
Bolivia	5	9	2	-	-	-	-	-	-	-	-	-
Brazil	-	12	-	-	-	-	-	-	-	-	-	-
Canada	39	4	-	-	-	-	-	-	-	-	-	-
Chile	-	7	16	14	14	4	-	-	-	-	-	-
India	17	-	55	69	69	31	-	-	4.6	-	-	-
Iran	17	58	66	31	31	17	0.0	2.2	1.4	3.4	0.9	1.1
Kazakhstan	11	32	3	1	1	6	-	0.1	1.4	2.3	-	2.1
Korea DPR	8	1	3	8	8	15	1.9	0.3	0.4	0.6	0.5	0.4
Mexico	30	27	8	1	1	3	0.5	0.4	0.1	0.5	0.1	0.7
Myanmar	13	17	14	14	14	40	3.0	3.7	7.1	3.6	0.9	6.0
Peru	81	77	69	10	10	9	-	-	-	-	4.6	-
Russian Federation	11	29	5	-	-	-	-	-	-	-	-	-
Spain	9	4	-	-	-	-	-	-	-	-	-	-
United States	28	18	2	8	8	0	-	0.0	-	-	-	-
Vietnam	23	25	35	31	31	43	1.3	1.9	3.5	6.7	5.8	6.9
Other	1	1	0	2	2	16	0.1	-	1.2	3.3	4.6	6.2
<b>Exports:</b>	<b>7</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Korea DPR	1	2	-	-	-	-	-	-	-	-	-	-
Korea Rep	3	-	-	-	-	-	-	-	-	-	-	-
Thailand	3	-	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	-	-	-	-	-	-	-	-	-
<b>Refined Zinc:</b>												
<b>Production:</b>	<b>2,038</b>	<b>2,155</b>	<b>2,319</b>	<b>2,519</b>	<b>2,519</b>	<b>2,683</b>	<b>202.9</b>	<b>230.5</b>	<b>229.9</b>	<b>235.1</b>	<b>255.2</b>	<b>240.0</b>
<b>Imports:</b>	<b>22</b>	<b>69</b>	<b>136</b>	<b>239</b>	<b>239</b>	<b>388</b>	<b>20.7</b>	<b>19.3</b>	<b>63.4</b>	<b>54.6</b>	<b>61.5</b>	<b>30.8</b>
Australia	4	5	9	19	19	92	1.7	6.0	19.3	16.7	19.5	8.8
Belgium	4	5	5	6	6	5	0.4	0.3	0.3	0.4	0.6	0.5
Kazakhstan	0	44	90	143	143	213	15.6	8.5	31.8	26.0	24.3	10.9
Korea DPR	0	0	16	35	35	9	0.3	0.0	4.1	0.3	0.2	0.0
Korea Rep	0	5	3	3	3	22	1.1	2.6	2.4	4.6	3.3	1.4
Other	14	9	13	33	33	47	1.5	1.9	5.4	6.5	13.7	9.2
<b>Exports:</b>	<b>544</b>	<b>472</b>	<b>451</b>	<b>224</b>	<b>224</b>	<b>123</b>	<b>10.2</b>	<b>11.8</b>	<b>4.1</b>	<b>2.1</b>	<b>3.7</b>	<b>11.4</b>
Hong Kong, China	110	126	133	75	75	36	3.9	3.7	0.5	0.6	1.1	4.3
India	8	2	9	20	20	9	-	-	-	-	-	0.4
Indonesia	0	2	2	0	0	0	-	-	-	-	-	-
Italy	-	-	8	-	-	-	-	-	-	-	-	-
Japan	43	7	22	9	9	12	0.3	0.7	0.3	0.3	0.3	1.4
Korea Rep	88	110	128	66	66	30	2.6	1.2	2.4	0.5	0.8	2.2
Malaysia	1	0	2	2	2	1	0.1	0.2	-	-	-	-
Philippines	1	1	1	-	-	-	-	-	-	-	-	-
Singapore	138	101	32	1	1	3	-	3.4	-	-	-	-
South Africa	9	-	-	-	-	3	-	-	-	-	-	-
Taiwan, China	61	58	85	47	47	27	3.3	2.5	0.9	0.7	1.5	3.2
Thailand	4	6	11	1	1	0	0.1	0.2	-	-	-	-
United Arab Emirates	2	9	-	0	0	-	-	-	-	-	-	-
United States	68	37	9	-	-	-	-	-	-	-	-	-
Vietnam	7	6	7	0	0	0	0.0	-	-	-	-	-
Other	3	7	1	2	2	1	-	-	-	0.0	-	-
<b>Consumption</b>	<b>1,500</b>	<b>1,750</b>	<b>2,155</b>	<b>2,490</b>	<b>2,490</b>	<b>2,948</b>	<b>213.3</b>	<b>238.0</b>	<b>289.2</b>	<b>287.7</b>	<b>313.1</b>	<b>259.4</b>

## Zinc: Country Tables: France

Zinc: Tableaux des Pays: France

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Dec		Jul	Aug	Sep	Oct	Nov	Dec
<b>Ores/Concentrates (Zinc Content):</b>												
<b>Imports:</b>	<b>287</b>	<b>279</b>	<b>241</b>	<b>229</b>	<b>210</b> <sup>(11)</sup>	<b>156</b> <sup>(11)</sup>	<b>31.9</b>	<b>20.0</b>	<b>13.9</b>	<b>10.9</b>	<b>11.8</b>	<b>...</b>
Australia	5	11	-	-	-	-	-	-	-	-	-	...
Belgium	164	167	198	204	188	130	22.2	20.0	11.9	8.2	11.8	...
Bolivia	36	15	-	-	-	-	-	-	-	-	-	...
Canada	10	6	-	-	-	-	-	-	-	-	-	...
Morocco	21	23	20	16	13	26	9.7	-	2.0	2.7	-	...
Peru	50	45	20	6	6	-	-	-	-	-	-	...
Other	1	12	3	3	2	0	0.0	-	-	0.0	-	...
<b>Exports:</b>	<b>9</b>	<b>9</b>	<b>19</b>	<b>19</b>	<b>18</b> <sup>(11)</sup>	<b>18</b> <sup>(11)</sup>	<b>1.3</b>	<b>1.4</b>	<b>0.7</b>	<b>2.1</b>	<b>1.4</b>	<b>...</b>
Belgium	9	9	16	16	15	18	1.3	1.4	0.7	2.1	1.4	...
Other	0	0	3	3	3	0	0.0	-	0.0	-	0.0	...
<b>Refined Zinc:</b>												
<b>Production:</b>	<b>329</b>	<b>334</b>	<b>253</b>	<b>260</b>	<b>260</b>	<b>207</b>	<b>18.8</b>	<b>18.7</b>	<b>19.5</b>	<b>14.0</b>	<b>10.1</b>	<b>8.5</b>
Primary	266	277	219	222	222	172	15.6	15.5	16.2	11.6	8.4	7.0
Secondary	63	56	34	38	38	35	3.2	3.2	3.3	2.4	1.7	1.5
<b>Imports:</b>	<b>127</b>	<b>98</b>	<b>115</b>	<b>103</b>	<b>96</b> <sup>(11)</sup>	<b>127</b> <sup>(11)</sup>	<b>10.9</b>	<b>6.9</b>	<b>12.9</b>	<b>12.0</b>	<b>13.9</b>	<b>...</b>
Belgium	14	13	17	13	12	21	0.9	0.9	1.6	2.2	4.4	...
Finland	17	13	15	7	7	10	0.7	0.7	0.7	1.5	0.3	...
Germany	26	20	18	16	15	27	2.1	1.3	3.3	2.7	1.3	...
Kazakhstan	4	6	3	1	1	-	-	-	-	-	-	...
Netherlands	33	28	38	43	41	48	6.3	2.2	5.7	3.7	5.2	...
Spain	15	11	14	12	11	12	0.4	1.3	1.2	0.9	2.2	...
United Kingdom	6	2	1	0	0	0	0.0	-	0.0	-	0.0	...
Uzbekistan	5	3	-	-	-	-	-	-	-	-	-	...
Other	6	3	10	11	10	9	0.5	0.6	0.4	0.9	0.6	...
<b>Exports:</b>	<b>127</b>	<b>143</b>	<b>110</b>	<b>115</b>	<b>106</b> <sup>(11)</sup>	<b>77</b> <sup>(11)</sup>	<b>7.0</b>	<b>8.9</b>	<b>8.2</b>	<b>4.9</b>	<b>1.3</b>	<b>...</b>
Belgium	103	117	84	93	86	69	7.0	8.4	8.0	3.2	0.7	...
China	-	1	3	1	1	0	0.0	0.1	-	0.1	-	...
Germany	16	15	11	5	5	1	0.0	0.1	-	0.2	0.3	...
Israel	1	1	0	0	0	0	-	-	-	0.1	-	...
Italy	1	2	1	1	1	1	-	-	-	0.1	-	...
Netherlands	4	3	1	3	2	2	-	0.0	0.1	1.2	0.2	...
United Kingdom	0	0	5	2	2	0	-	0.0	-	-	-	...
Other	2	4	5	10	8	4	0.0	0.1	0.2	0.2	0.1	...
<b>Consumption</b>	<b>327</b>	<b>290</b>	<b>291</b>	<b>298</b>	<b>298</b>	<b>311</b>	<b>26.1</b>	<b>21.2</b>	<b>29.5</b>	<b>25.5</b>	<b>27.8</b>	<b>17.4</b>
<b>Principal Uses:*</b>	<b>392</b>	<b>389</b>	<b>353</b>									
Brass	50	48	47									
Chemicals	40	30	27									
Galvanizing	193	204	187									
Semis	101	100	86									
Miscellaneous	7	7	7									

\* Consumption of refined zinc and direct use of zinc recovered from secondary material.

(11) January-November.

## Zinc: Country Tables: Germany

Zinc: Tableaux des Pays: Allemagne

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Dec		Jul	Aug	Sep	Oct	Nov	Dec
<b>Ores/Concentrates (Zinc Content):</b>												
<b>Imports:</b>	<b>175</b>	<b>176</b>	<b>186</b>	<b>240</b>	<b>211</b> <sup>(11)</sup>	<b>193</b> <sup>(11)</sup>	<b>14.8</b>	<b>22.5</b>	<b>10.1</b>	<b>14.1</b>	<b>32.2</b>	<b>...</b>
Australia	18	33	27	20	17	4	-	-	-	-	-	...
Belgium	57	56	61	32	28	12	0.0	-	0.2	-	-	...
Canada	71	58	23	16	16	7	-	-	3.3	3.3	-	...
Ireland	19	17	27	50	43	55	4.1	7.8	2.2	6.8	3.4	...
Poland	10	5	5	2	2	2	-	1.1	-	-	-	...
Sweden	-	3	6	59	48	31	4.6	1.9	0.9	-	6.3	...
United States	-	2	31	36	33	21	-	3.9	-	-	3.3	...
Other	0	3	6	26	24	62	6.1	7.9	3.5	4.0	19.2	...
<b>Exports:</b>	<b>36</b>	<b>24</b>	<b>3</b>	<b>0</b>	<b>0</b> <sup>(11)</sup>	<b>2</b> <sup>(11)</sup>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.7</b>	<b>-</b>	<b>...</b>
Belgium	5	2	0	-	-	-	-	-	-	-	-	...
Sweden	28	22	2	-	-	-	-	-	-	-	-	...
Other	4	0	0	0	0	2	-	-	-	1.7	-	...
<b>Refined Zinc:</b>												
<b>Production:</b>	<b>357</b>	<b>378</b>	<b>388</b>	<b>358</b>	<b>358</b>	<b>354</b>	<b>23.1</b>	<b>27.6</b>	<b>30.5</b>	<b>30.5</b>	<b>30.5</b>	<b>30.5</b>
Primary	268	273	255	230	230	258	17.4	21.0	21.7	21.7	21.7	21.7
Secondary	89	105	133	128	128	96	5.7	6.6	8.8	8.8	8.8	8.8
<b>Imports:</b>	<b>260</b>	<b>231</b>	<b>253</b>	<b>249</b>	<b>227</b> <sup>(11)</sup>	<b>226</b> <sup>(11)</sup>	<b>21.9</b>	<b>16.4</b>	<b>6.7</b>	<b>25.8</b>	<b>34.2</b>	<b>...</b>
Austria	7	11	12	12	12	3	0.9	0.2	0.1	0.2	0.3	...
Belgium	23	21	20	22	20	15	1.9	0.8	1.5	0.9	1.1	...
China	1	1	6	0	0	-	-	-	-	-	-	...
Finland	22	33	41	48	44	57	3.7	5.3	1.4	8.4	9.0	...
France	26	6	13	5	5	2	0.4	0.1	0.0	0.1	0.2	...
Kazakhstan	14	8	7	2	2	1	0.8	-	-	-	-	...
Macedonia	8	1	0	-	-	0	-	-	-	-	0.1	...
Netherlands	32	35	40	35	32	45	7.6	3.1	1.7	3.0	8.7	...
Norway	21	12	4	2	2	4	-	-	-	1.3	0.7	...
Poland	23	23	23	17	16	13	0.2	0.5	0.9	0.1	1.0	...
Spain	70	64	68	75	67	72	5.5	5.1	0.1	10.6	10.2	...
United Kingdom	4	6	5	17	17	1	0.1	0.3	0.1	0.1	0.1	...
Uzbekistan	3	2	0	-	-	-	-	-	-	-	-	...
Other	5	9	15	14	11	13	0.9	1.0	0.8	1.0	2.8	...
<b>Exports:</b>	<b>71</b>	<b>94</b>	<b>103</b>	<b>91</b>	<b>82</b> <sup>(11)</sup>	<b>79</b> <sup>(11)</sup>	<b>8.7</b>	<b>3.3</b>	<b>5.3</b>	<b>6.2</b>	<b>6.8</b>	<b>...</b>
Austria	14	21	14	6	5	10	2.2	0.7	1.0	0.6	1.0	...
Belgium	14	14	15	7	6	6	0.5	0.2	1.2	0.6	0.9	...
France	24	24	37	31	28	25	2.2	0.3	1.6	3.0	3.3	...
Hungary	2	3	4	3	3	2	0.3	0.1	0.2	0.1	0.5	...
Italy	0	8	2	2	2	0	0.0	-	0.1	-	0.1	...
Netherlands	3	5	3	2	2	3	0.5	0.0	0.0	0.0	0.0	...
United Kingdom	6	9	15	25	24	21	2.2	1.7	0.5	0.5	0.3	...
Other	8	12	14	14	12	12	0.7	0.4	0.7	1.5	0.6	...
<b>Consumption</b>	<b>543</b>	<b>526</b>	<b>539</b>	<b>514</b>	<b>514</b>	<b>515</b>	<b>36.6</b>	<b>41.0</b>	<b>32.2</b>	<b>50.3</b>	<b>58.3</b>	<b>43.5</b>
<b>Stocks:</b>												
Consumer Stocks	30	27	27	28			27.8	27.6	27.4	27.2	27.0	27.0
Merchant Stocks	4	4	0	1			1.0	1.0	1.0	1.0	1.0	1.0
<b>Principal Uses:*</b>	<b>684</b>	<b>673</b>	<b>654</b>									
Brass	186	186	170									
Galvanizing	212	223	213									
Oxides	59	43	49									
Rolled Zinc	156	153	158									
Zinc Alloys	71	68	64									

\* Consumption of refined zinc and the direct use of zinc recovered from scrap materials.

(11) January-November.

**Zinc: Country Tables: Italy**  
 Zinc: Tableaux des Pays: Italie  
 Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Dec		Jul	Aug	Sep	Oct	Nov	Dec
<b>Ores/Concentrates (Zinc Content):</b>												
<b>Imports:</b>	<b>156</b>	<b>141</b>	<b>96</b>	<b>125</b>	<b>101</b> <sup>(10)</sup>	<b>100</b> <sup>(10)</sup>	<b>7.2</b>	<b>17.8</b>	<b>23.5</b>	<b>4.4</b>	...	...
Australia	43	58	59	24	19	-	-	-	-	-	...	...
Bolivia	-	7	0	1	1	-	-	-	-	-	...	...
Canada	12	7	6	-	-	-	-	-	-	-	...	...
Greece	7	-	-	1	1	-	-	-	-	-	...	...
India	-	-	-	-	-	-	-	-	-	-	...	...
Ireland	16	14	3	31	26	13	2.6	-	-	2.9	...	...
Morocco	12	1	8	8	7	8	-	2.1	-	-	...	...
Peru	10	10	-	5	5	26	4.6	-	4.5	-	...	...
Spain	9	-	-	-	-	-	-	-	-	-	...	...
Tunisia	4	3	1	2	2	4	-	-	-	1.5	...	...
Turkey	-	4	0	8	7	4	-	-	-	-	...	...
United States	41	36	20	36	24	30	-	15.8	14.3	0.0	...	...
Other	3	-	0	9	9	14	-	-	4.6	-	...	...
<b>Refined Zinc:</b>												
<b>Production:</b>	<b>179</b>	<b>176</b>	<b>123</b>	<b>118</b>	<b>118</b>	<b>124</b>	<b>9.8</b>	<b>9.6</b>	<b>9.6</b>	<b>9.6</b>	<b>9.5</b>	<b>9.5</b>
Primary	129	127	89	85	85	89	6.9	6.9	6.9	6.9	6.8	6.8
Secondary	50	49	35	33	33	35	2.9	2.7	2.7	2.7	2.7	2.7
<b>Imports:</b>	<b>176</b>	<b>202</b>	<b>226</b>	<b>273</b>	<b>230</b> <sup>(10)</sup>	<b>228</b> <sup>(10)</sup>	<b>16.4</b>	<b>4.6</b>	<b>32.0</b>	<b>25.9</b>	...	...
Algeria	9	12	10	11	10	8	0.1	0.1	1.3	1.7	...	...
Australia	43	18	4	14	8	9	0.8	0.1	0.1	0.2	...	...
Austria	2	11	6	2	2	-	-	-	-	-	...	...
Belgium	5	10	8	13	11	10	1.2	0.3	1.1	1.2	...	...
Bulgaria	15	17	11	2	2	3	0.1	0.1	0.5	0.5	...	...
China	4	1	1	4	3	2	0.0	0.3	1.0	0.7	...	...
Germany	1	7	5	4	4	0	0.0	-	0.0	0.0	...	...
Kazakhstan	24	34	4	19	14	18	0.6	-	1.7	2.3	...	...
Korea Rep	4	1	5	2	2	0	0.1	-	-	0.1	...	...
Macedonia	15	19	17	21	15	4	0.1	0.0	0.3	0.0	...	...
Netherlands	9	18	20	9	9	0	0.0	0.0	-	-	...	...
Poland	3	4	3	1	1	1	-	-	-	-	...	...
Romania	18	15	17	15	12	11	1.2	0.8	2.3	-	...	...
Russian Federation	-	0	7	18	15	21	2.4	0.5	1.9	1.6	...	...
Spain	15	19	72	99	89	90	3.0	1.4	16.0	13.7	...	...
United Kingdom	3	6	1	1	1	-	-	-	-	-	...	...
Other	7	11	33	38	33	51	6.7	1.0	5.8	3.8	...	...
<b>Exports:</b>	<b>7</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>1</b> <sup>(10)</sup>	<b>7</b> <sup>(10)</sup>	<b>0.2</b>	<b>0.8</b>	<b>0.7</b>	<b>0.6</b>	...	...
France	-	0	-	0	0	0	0.0	-	-	-	...	...
Slovenia	4	1	-	0	0	0	0.1	-	0.0	0.0	...	...
Other	2	2	3	2	1	7	0.2	0.8	0.7	0.6	...	...
<b>Consumption</b>	<b>348</b>	<b>374</b>	<b>348</b>	<b>389</b>	<b>389</b>	<b>389</b>	<b>25.9</b>	<b>13.4</b>	<b>40.9</b>	<b>34.9</b>	<b>31.5</b>	<b>31.5</b>
<b>Principal Uses:*</b>	<b>655</b>	<b>650</b>	<b>657</b>									
Brass	321	315	308									
Chemicals	30	34	34									
Galvanizing	194	200	223									
Semis	18	16	15									
Zinc Alloys	88	80	73									
Miscellaneous	5	5	4									

\* Consumption of refined zinc and the direct use of zinc recovered from scrap materials.

(10) January-October.

## Zinc: Country Tables: Japan

Zinc: Tableaux des Pays: Japon

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005	Aug	Sep	Oct	Nov	Dec
					Jan-Dec		Jul					
<b>Ores/Concentrates (Zinc Content):</b>												
<b>Production</b>	<b>45</b>	<b>43</b>	<b>45</b>	<b>48</b>	<b>48</b>	<b>41</b>	<b>4.4</b>	<b>3.6</b>	<b>3.8</b>	<b>4.5</b>	<b>5.1</b>	<b>3.9</b>
<b>Imports:</b>	<b>575</b>	<b>559</b>	<b>544</b>	<b>563</b>	<b>504</b> <sup>(11)</sup>	<b>497</b> <sup>(11)</sup>	<b>51.2</b>	<b>39.5</b>	<b>38.0</b>	<b>53.3</b>	<b>34.5</b>	<b>...</b>
Australia	249	185	221	193	178	165	22.7	4.7	11.5	12.8	22.8	...
Canada	59	45	49	45	38	27	4.2	0.1	-	0.6	0.2	...
Chile	11	12	-	3	3	6	-	-	3.3	-	-	...
China	1	0	0	0	0	0	0.1	-	-	-	-	...
Mexico	44	37	21	26	21	27	2.6	4.9	-	2.6	-	...
Peru	72	119	114	105	94	103	12.1	6.2	6.9	8.4	1.4	...
Russian Federation	18	7	21	22	19	23	2.1	1.9	3.4	2.1	-	...
United States	70	82	65	83	77	73	5.0	16.1	7.2	19.1	3.0	...
Other	50	70	53	86	72	74	2.4	5.6	5.8	7.8	7.1	...
<b>Stocks:</b>	<b>83</b>	<b>91</b>	<b>74</b>	<b>91</b>			<b>62.4</b>	<b>56.9</b>	<b>51.1</b>	<b>55.9</b>	<b>56.7</b>	<b>57.0</b>
At Mines	1	2	2	2			1.3	0.8	1.4	1.3	1.7	2.0
At Smelters	82	89	72	89			61.1	56.1	49.7	54.7	55.0	55.0
<b>Refined Zinc:</b>												
<b>Production:</b>	<b>644</b>	<b>640</b>	<b>651</b>	<b>635</b>	<b>635</b>	<b>638</b>	<b>42.2</b>	<b>53.0</b>	<b>49.1</b>	<b>50.7</b>	<b>51.4</b>	<b>53.2</b>
Primary	541	547	533	535	535	541	36.2	44.5	41.1	41.3	43.7	45.5
Secondary	103	93	119	100	100	97	6.1	8.5	8.1	9.5	7.7	7.7
<b>Imports:</b>	<b>64</b>	<b>17</b>	<b>41</b>	<b>42</b>	<b>41</b> <sup>(11)</sup>	<b>41</b> <sup>(11)</sup>	<b>2.3</b>	<b>3.0</b>	<b>1.7</b>	<b>3.6</b>	<b>1.9</b>	<b>...</b>
Canada	2	2	4	4	3	3	0.3	0.3	0.3	0.1	-	...
China	50	8	23	19	19	13	0.2	0.7	0.2	0.3	0.2	...
Peru	11	6	13	14	12	16	0.7	1.1	-	0.8	1.2	...
Other	0	0	2	7	6	9	1.1	0.9	1.2	2.4	0.4	...
<b>Exports:</b>	<b>73</b>	<b>95</b>	<b>64</b>	<b>62</b>	<b>56</b> <sup>(11)</sup>	<b>49</b> <sup>(11)</sup>	<b>3.5</b>	<b>3.9</b>	<b>4.1</b>	<b>4.1</b>	<b>4.9</b>	<b>...</b>
Bangladesh	5	6	1	-	-	1	-	-	0.1	-	0.6	...
Indonesia	8	10	13	16	15	13	0.6	1.2	-	1.3	1.6	...
Philippines	14	12	8	10	10	5	0.6	0.2	0.0	0.2	0.2	...
Taiwan, China	30	37	23	20	18	20	1.4	1.8	1.7	1.7	2.1	...
United States	7	9	-	-	-	-	-	-	-	-	-	...
Vietnam	3	15	12	10	9	5	0.3	0.7	0.3	0.3	-	...
Other	5	7	6	5	5	6	0.5	0.1	2.1	0.5	0.5	...
<b>Consumption</b>	<b>633</b>	<b>603</b>	<b>619</b>	<b>623</b>	<b>623</b>	<b>613</b>	<b>46.1</b>	<b>53.1</b>	<b>44.1</b>	<b>52.2</b>	<b>54.5</b>	<b>54.5</b>
<b>Stocks:</b>												
Consumer Stocks	24	20	23	22			21.9	19.9	19.8	19.2	19.0	19.0
Merchant Stocks	2	1	1	2			6.8	1.7	6.5	5.5	5.0	5.0
Producers	88	56	61	54			73.5	79.5	77.4	77.0	78.3	82.3
<b>Principal Uses:*</b>	<b>633</b>	<b>603</b>	<b>619</b>	<b>623</b>	<b>623</b>	<b>613</b>	<b>46.1</b>	<b>53.1</b>	<b>44.1</b>	<b>52.2</b>	<b>54.5</b>	<b>54.5</b>
Brass	59	63	65	66	66	63	5.1	4.7	5.1	5.4	5.5	5.5
Galvanizing	409	366	384	371	371	359	28.2	31.1	25.7	30.0	31.0	31.0
Oxides/powders	50	58	51	57	57	55	3.4	4.9	2.3	5.4	4.8	4.8
Rolled Zinc	6	7	3	3	3	2	0.1	0.1	0.2	0.2	0.3	0.3
Zinc Alloys	81	79	87	92	92	92	6.8	9.0	3.8	8.6	7.8	7.8
Miscellaneous	28	31	31	33	33	41	2.6	3.3	7.0	2.7	5.1	5.1

\* Refined zinc only.

(11) January-November.

**Zinc: Country Tables: Mexico**

Zinc: Tableaux des Pays: Mexique

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Dec		Jul	Aug	Sep	Oct	Nov	Dec
<b>Ores/Concentrates (Zinc Content):</b>												
<b>Production</b>	<b>429</b>	<b>446</b>	<b>472</b>	<b>462</b>	<b>462</b>	<b>433</b>	<b>35.4</b>	<b>37.0</b>	<b>37.6</b>	<b>39.8</b>	<b>46.0</b>	<b>46.0</b>
<b>Exports:</b>	<b>117</b>	<b>131</b>	<b>105</b>	<b>62</b>	<b>39</b> <sup>(9)</sup>	<b>123</b> <sup>(9)</sup>	<b>18.8</b>	<b>7.0</b>	<b>5.8</b>	...	...	...
Belgium	13	14	13	1	0	4	-	1.0	2.3	...	...	...
France	6	10	11	14	9	3	-	-	-	...	...	...
Japan	50	28	22	26	13	60	5.5	-	2.8	...	...	...
Peru	-	12	9	2	-	-	-	-	-	...	...	...
Switzerland	35	51	40	12	10	5	3.2	0.1	-	...	...	...
United States	4	8	2	5	4	13	3.5	0.1	0.2	...	...	...
Other	9	8	9	3	3	38	6.6	5.8	0.6	...	...	...
<b>Refined Zinc:</b>												
<b>Production:</b>	<b>311</b>	<b>306</b>	<b>320</b>	<b>337</b>	<b>337</b>	<b>335</b>	<b>29.7</b>	<b>29.7</b>	<b>29.1</b>	<b>29.7</b>	<b>29.7</b>	<b>28.7</b>
Primary	307	302	316	333	333	331	29.3	29.3	28.8	29.3	29.3	28.3
Secondary	4	4	4	4	4	4	0.3	0.3	0.3	0.3	0.3	0.3
<b>Imports</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	...	...	...
<b>Exports:</b>	<b>151</b>	<b>161</b>	<b>181</b>	<b>189</b>	<b>134</b> <sup>(9)</sup>	<b>142</b> <sup>(9)</sup>	<b>15.2</b>	<b>24.3</b>	<b>16.8</b>	...	...	...
Colombia	6	4	-	0	0	0	-	-	-	...	...	...
Costa Rica	7	5	8	4	3	3	0.6	0.6	0.4	...	...	...
United States	130	142	153	147	105	113	13.2	17.5	13.6	...	...	...
Venezuela	2	4	8	10	7	6	1.0	0.2	1.7	...	...	...
Other	7	6	13	29	20	19	0.5	6.1	1.1	...	...	...
<b>Consumption</b>	<b>210</b>	<b>225</b>	<b>236</b>	<b>240</b>	<b>240</b>	<b>244</b>	<b>20.3</b>	<b>20.3</b>	<b>20.3</b>	<b>20.3</b>	<b>20.3</b>	<b>20.3</b>

(9) January-September.

**Table 51****Zinc: Country Tables: Peru**

Zinc: Tableaux des Pays: Pérou

Thousand tonnes

**Ores/Concentrates (Zinc Content):**

<b>Production</b>	<b>1,056</b>	<b>1,219</b>	<b>1,36</b>	<b>1,209</b>	<b>1,209</b>	<b>1,223</b>	<b>104.1</b>	<b>103.4</b>	<b>105.2</b>	<b>88.3</b>	<b>100.2</b>	<b>107.0</b>
<b>Exports:</b>	<b>747</b>	<b>906</b>	<b>900</b>	<b>879</b>	<b>751</b> <sup>(10)</sup>	<b>775</b> <sup>(10)</sup>	<b>61.2</b>	<b>96.0</b>	<b>47.6</b>	<b>82.0</b>	...	...
Algeria	16	41	32	32	28	29	3.6	3.7	3.7	-	...	...
Australia	24	25	46	25	25	13	-	-	-	-	...	...
Belgium	157	147	70	128	107	89	14.7	13.0	-	18.7	...	...
Brazil	85	115	104	117	99	94	19.5	9.4	-	18.3	...	...
Bulgaria	15	9	15	16	13	6	-	2.9	-	-	...	...
Canada	26	58	58	68	63	46	6.7	3.1	7.3	-	...	...
China	80	83	55	15	13	10	-	-	5.7	2.1	...	...
Finland	5	17	28	25	20	18	-	7.4	-	-	...	...
India	13	7	10	-	-	-	-	-	-	-	...	...
Japan	69	79	106	59	44	71	7.1	5.0	4.9	-	...	...
Korea Rep	87	186	145	118	113	77	3.7	2.3	9.6	2.3	...	...
Spain	62	58	114	123	104	194	4.6	22.9	8.7	31.5	...	...
Thailand	27	37	38	32	23	19	-	6.8	-	-	...	...
United States	39	29	54	87	72	74	-	15.0	7.7	7.1	...	...
Other	41	14	25	33	27	35	1.4	4.5	-	2.0	...	...
<b>Refined Zinc:</b>												
<b>Production:</b>	<b>190</b>	<b>170</b>	<b>202</b>	<b>196</b>	<b>196</b>	<b>162</b>	<b>6.6</b>	<b>15.5</b>	<b>13.8</b>	<b>15.4</b>	<b>11.8</b>	<b>14.5</b>
<b>Exports:</b>	<b>121</b>	<b>127</b>	<b>137</b>	<b>113</b>	<b>96</b> <sup>(10)</sup>	<b>84</b> <sup>(10)</sup>	<b>7.3</b>	<b>7.4</b>	<b>11.0</b>	<b>11.2</b>	...	...
Brazil	22	5	10	19	16	7	0.8	0.7	0.9	0.5	...	...
Chile	11	9	9	12	10	8	1.0	0.7	1.2	0.8	...	...
Colombia	15	16	19	23	19	20	1.6	2.4	2.0	1.6	...	...
Japan	4	10	16	12	9	14	1.6	0.5	-	1.4	...	...
United States	43	51	41	24	22	0	-	-	0.1	-	...	...
Venezuela	11	9	8	8	6	8	0.9	1.0	1.1	0.5	...	...
Other	16	26	34	15	14	27	1.3	2.1	5.7	6.4	...	...
<b>Consumption</b>	<b>67</b>	<b>71</b>	<b>61</b>	<b>80</b>	<b>80</b>	<b>63</b>	<b>0.3</b>	<b>7.1</b>	<b>2.9</b>	<b>4.2</b>	<b>3.8</b>	<b>6.5</b>

(10) January-October.

**Zinc: Country Tables: Russian Federation**

Zinc: Tableaux des Pays: Russie, Fédération de

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:						
	2001	2002	2003	2004	2004	2005	2005						
							Jan-Dec	Jul	Aug	Sep	Oct	Nov	Dec
<b>Ores/Concentrates (Zinc Content):</b>													
<b>Production</b>	<b>164</b>	<b>162</b>	<b>159</b>	<b>162</b>	<b>162</b>	<b>185</b>	<b>15.4</b>	<b>15.4</b>	<b>15.4</b>	<b>15.4</b>	<b>15.4</b>	<b>15.4</b>	<b>15.4</b>
<b>Imports:</b>	<b>104</b>	<b>99</b>	<b>116</b>	<b>41</b>	<b>31</b> <sup>(9)</sup>	<b>34</b> <sup>(9)</sup>	<b>7.2</b>	<b>-</b>	<b>5.1</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>
Australia	5	5	-	-	-	-	-	-	-	-	...	...	...
Canada	4	6	-	3	3	-	-	-	-	-	...	...	...
Iran	-	-	-	0	0	-	-	-	-	-	...	...	...
Ireland	10	15	20	7	5	8	1.7	-	-	-	...	...	...
Kazakhstan	32	51	37	5	5	-	-	-	-	-	...	...	...
Mexico	4	-	7	-	-	-	-	-	-	-	...	...	...
Spain	16	-	-	-	-	-	-	-	-	-	...	...	...
Tunisia	9	-	-	6	6	6	3.7	-	-	-	...	...	...
Turkey	4	1	0	5	3	4	1.7	-	-	-	...	...	...
Other	21	21	51	16	11	15	0.0	-	5.1	-	...	...	...
<b>Exports:</b>	<b>28</b>	<b>31</b>	<b>21</b>	<b>21</b>	<b>16</b> <sup>(9)</sup>	<b>24</b> <sup>(9)</sup>	<b>1.7</b>	<b>3.4</b>	<b>0.8</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>
China	11	24	1	-	-	-	-	-	-	-	...	...	...
Japan	15	4	15	18	13	16	1.7	3.4	0.8	-	...	...	...
Korea Rep	-	4	5	3	3	-	-	-	-	-	...	...	...
Other	2	-	-	0	-	8	-	-	-	-	...	...	...

**Refined Zinc:**

<b>Production:</b>	<b>250</b>	<b>257</b>	<b>253</b>	<b>241</b>	<b>241</b>	<b>225</b>	<b>18.8</b>	<b>18.8</b>	<b>18.8</b>	<b>18.8</b>	<b>18.8</b>	<b>18.8</b>	<b>18.8</b>
<b>Imports</b>	<b>9</b>	<b>7</b>	<b>18</b>	<b>26</b>	<b>19</b> <sup>(9)</sup>	<b>5</b> <sup>(9)</sup>	<b>0.7</b>	<b>0.8</b>	<b>1.0</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>
<b>Exports:</b>	<b>108</b>	<b>110</b>	<b>83</b>	<b>104</b>	<b>69</b> <sup>(9)</sup>	<b>31</b> <sup>(9)</sup>	<b>2.8</b>	<b>2.8</b>	<b>2.3</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>
Netherlands	24	37	25	12	8	-	-	-	-	-	...	...	...
Slovak Rep	5	4	3	10	8	6	0.5	1.0	0.4	-	...	...	...
Switzerland	10	1	-	-	-	-	-	-	-	-	...	...	...
Turkey	57	63	49	78	50	22	2.2	1.8	1.9	-	...	...	...
Other	11	5	6	4	3	3	0.1	-	0.0	-	...	...	...
<b>Consumption</b>	<b>150</b>	<b>153</b>	<b>189</b>	<b>163</b>	<b>163</b>	<b>190</b>	<b>16.6</b>	<b>16.8</b>	<b>17.4</b>	<b>15.8</b>	<b>15.8</b>	<b>15.8</b>	<b>15.8</b>

(9) January-September.

**Table 53****Zinc: Country Tables: Kazakhstan**

Zinc: Tableaux des Pays: Kazakstan

Thousand tonnes

<b>Ores/Concentrates (Zinc Content):</b>													
<b>Production</b>	<b>320</b>	<b>376</b>	<b>392</b>	<b>404</b>	<b>404</b>	<b>405</b>	<b>33.8</b>	<b>33.8</b>	<b>33.8</b>	<b>33.8</b>	<b>33.8</b>	<b>33.8</b>	<b>33.8</b>
<b>Exports:</b>	<b>11</b>	<b>...</b>	<b>26</b>	<b>56</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>
Uzbekistan	5	...	22	55	...	...	...	...	...	...	...	...	...
Other	6	...	4	1	...	...	...	...	...	...	...	...	...
<b>Refined Zinc:</b>													
<b>Production:</b>	<b>277</b>	<b>286</b>	<b>279</b>	<b>323</b>	<b>323</b>	<b>362</b>	<b>30.2</b>	<b>30.2</b>	<b>30.2</b>	<b>30.2</b>	<b>30.2</b>	<b>30.2</b>	<b>30.2</b>
<b>Exports:</b>	<b>56</b>	<b>...</b>	<b>225</b>	<b>276</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>
China	-	...	94	141	...	...	...	...	...	...	...	...	...
Iran	-	...	10	-	...	...	...	...	...	...	...	...	...
Italy	14	...	-	18	...	...	...	...	...	...	...	...	...
Netherlands	12	...	1	65	...	...	...	...	...	...	...	...	...
Russian Federation	1	...	8	20	...	...	...	...	...	...	...	...	...
Slovak Rep	9	...	12	22	...	...	...	...	...	...	...	...	...
United States	11	...	-	-	...	...	...	...	...	...	...	...	...
Other	8	...	100	10	...	...	...	...	...	...	...	...	...
<b>Consumption</b>	<b>34</b>	<b>35</b>	<b>35</b>	<b>35</b>	<b>35</b>	<b>35</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>

N.B. Trade data are incomplete.



## Zinc: Country Tables: United Kingdom

Zinc: Tableaux des Pays: Royaume-Uni

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Dec		Jul	Aug	Sep	Oct	Nov	Dec
<b>Ores/Concentrates (Zinc Content):</b>												
<b>Imports:</b>	<b>108</b>	<b>115</b>	<b>8</b>	<b>0</b>	<b>0</b> <sup>(10)</sup>	<b>0</b> <sup>(10)</sup>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	...	...
Australia	57	73	6	-	-	-	-	-	-	-	...	...
Canada	4	8	-	-	-	-	-	-	-	-	...	...
Honduras	9	14	-	-	-	-	-	-	-	-	...	...
Ireland	6	0	0	0	0	0	0.0	-	0.0	0.0	...	...
Namibia	-	-	0	-	-	-	-	-	-	-	...	...
Peru	12	2	2	-	-	-	-	-	-	-	...	...
United States	20	17	0	0	0	0	-	-	0.0	-	...	...
Other	0	1	0	0	0	0	0.0	0.0	0.0	-	...	...
<b>Exports</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b> <sup>(10)</sup>	<b>0</b> <sup>(10)</sup>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	-	...	...
<b>Refined Zinc:</b>												
<b>Production:</b>	<b>90</b>	<b>98</b>	<b>14</b>	-	-	-	-	-	-	-	-	-
<b>Imports:</b>	<b>111</b>	<b>106</b>	<b>174</b>	<b>142</b>	<b>111</b> <sup>(10)</sup>	<b>110</b> <sup>(10)</sup>	<b>14.8</b>	<b>11.6</b>	<b>9.2</b>	<b>12.3</b>	...	...
Australia	5	-	15	12	12	4	-	-	-	-	...	...
Bulgaria	-	0	8	0	0	-	-	-	-	-	...	...
China	0	5	6	-	-	-	-	-	-	-	...	...
Finland	46	14	0	2	2	3	0.7	0.2	-	-	...	...
Germany	5	5	11	12	8	12	0.6	0.1	0.2	4.2	...	...
Netherlands	4	7	5	1	1	0	-	-	-	-	...	...
Norway	31	60	79	74	61	65	10.8	5.9	6.2	8.0	...	...
Russian Federation	4	2	23	11	10	0	-	-	-	-	...	...
Spain	3	1	12	24	13	27	2.7	5.5	2.8	-	...	...
Other	12	11	15	5	4	1	-	-	0.0	0.0	...	...
<b>Exports</b>	<b>16</b>	<b>16</b>	<b>3</b>	<b>1</b>	<b>1</b> <sup>(10)</sup>	<b>1</b> <sup>(10)</sup>	<b>0.2</b>	<b>0.0</b>	<b>0.1</b>	<b>0.1</b>	...	...
<b>Consumption</b>	<b>191</b>	<b>185</b>	<b>188</b>	<b>185</b>	<b>185</b>	<b>175</b>	<b>14.6</b>	<b>14.6</b>	<b>14.6</b>	<b>14.6</b>	<b>14.6</b>	<b>14.6</b>
<b>Stocks:</b>												
Consumers	9	9	9	10			10.0	10.0	10.0	10.0	10.0	10.0
<b>Zinc Alloys:</b>												
<b>Imports</b>	<b>6</b>	<b>6</b>	<b>14</b>	<b>16</b>	<b>14</b> <sup>(10)</sup>	<b>9</b> <sup>(10)</sup>	<b>0.8</b>	<b>1.3</b>	<b>1.7</b>	<b>1.2</b>	...	...
<b>Exports</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>27</b>	<b>22</b> <sup>(10)</sup>	<b>33</b> <sup>(10)</sup>	<b>3.7</b>	<b>2.6</b>	<b>4.8</b>	<b>3.5</b>	...	...
<b>Principal Uses:*</b>												
Brass/Bronze	32	31	31									
Diecasting Alloys	48	44	45									
Galvanizing	107	109	113									
General Galv.	50	51	52									
Sheet/Strip Galv.	45	46	49									
Tube Galv.	1	1	1									
Wire Galv.	10	10	11									
Rolled Zinc	3	3	3									
Zinc Dust	5	4	4									
Zinc Oxide	19	20	19									
Miscellaneous	12	10	10									

(10) January-October.

\* Data, supplied by World Bureau of Metal Statistics, include direct use of scrap zinc.

## Zinc: Country Tables: United States

Zinc: Tableaux des Pays: Etats-Unis

Thousand tonnes

	Annual Totals:				Year to Date:		Monthly Totals:					
	2001	2002	2003	2004	2004	2005	2005					
					Jan-Dec		Jul	Aug	Sep	Oct	Nov	Dec
<b>Ores/Concentrates (Zinc Content):</b>												
<b>Production</b>	<b>842</b>	<b>784</b>	<b>768</b>	<b>739</b>	<b>739</b>	<b>747</b>	<b>67.5</b>	<b>71.5</b>	<b>64.2</b>	<b>66.8</b>	<b>54.3</b>	<b>63.3</b>
<b>Imports:**</b>	<b>84</b>	<b>122</b>	<b>164</b>	<b>231</b>	<b>201</b> <sup>(11)</sup>	<b>153</b> <sup>(11)</sup>	<b>16.4</b>	<b>17.6</b>	<b>0.6</b>	<b>16.7</b>	<b>20.9</b>	<b>...</b>
Australia	17	42	44	28	19	9	-	-	-	-	-	...
Ireland	-	7	37	18	14	13	-	-	-	4.3	-	...
Mexico	11	13	9	7	6	27	4.1	0.3	-	3.0	0.1	...
Peru	55	61	75	178	160	101	11.8	17.3	-	8.9	20.3	...
Other	1	0	-	1	1	3	0.6	-	0.6	0.6	0.6	...
<b>Exports:**</b>	<b>698</b>	<b>827</b>	<b>822</b>	<b>746</b>	<b>713</b> <sup>(11)</sup>	<b>778</b> <sup>(11)</sup>	<b>164.4</b>	<b>197.8</b>	<b>199.3</b>	<b>50.6</b>	<b>49.3</b>	<b>...</b>
Australia	24	30	24	37	37	49	24.4	-	24.4	-	-	...
Belgium	151	99	115	74	74	36	12.2	5.4	12.2	3.0	3.0	...
Canada	86	172	220	153	147	176	6.2	59.4	28.5	30.3	3.3	...
Finland	36	-	37	33	33	34	33.5	-	-	-	-	...
Germany	33	28	55	21	21	18	-	17.7	-	-	-	...
Italy	17	11	42	0	0	38	21.3	17.1	-	-	-	...
Japan	142	210	109	111	98	129	9.8	29.6	31.4	-	6.0	...
Korea Rep	141	78	142	184	170	177	37.1	22.0	73.5	3.7	24.8	...
Netherlands	52	52	40	-	-	-	-	-	-	-	-	...
Spain	-	122	39	87	87	84	19.9	9.1	29.2	13.5	12.2	...
United Kingdom	14	24	0	0	0	1	-	0.9	-	-	-	...
Other	3	1	0	46	46	37	-	36.6	0.0	-	0.0	...
<b>Refined Zinc:</b>												
<b>Production:</b>	<b>329</b>	<b>339</b>	<b>350</b>	<b>354</b>	<b>354</b>	<b>355</b>	<b>32.0</b>	<b>29.4</b>	<b>31.2</b>	<b>29.4</b>	<b>30.9</b>	<b>30.3</b>
Primary	179	189	200	224	224	223	21.0	18.4	20.2	18.4	19.9	19.3
Secondary	150	150	150	130	130	132	11.0	11.0	11.0	11.0	11.0	11.0
<b>Imports:**</b>	<b>827</b>	<b>878</b>	<b>792</b>	<b>868</b>	<b>802</b> <sup>(11)</sup>	<b>632</b> <sup>(11)</sup>	<b>57.8</b>	<b>51.1</b>	<b>46.0</b>	<b>50.2</b>	<b>57.7</b>	<b>...</b>
Argentina	1	5	-	-	-	-	-	-	-	-	-	...
Australia	30	21	14	27	27	22	-	-	0.4	1.2	4.6	...
Brazil	18	30	22	26	26	39	4.6	4.1	5.8	5.3	-	...
Canada	447	526	522	536	488	422	38.0	30.1	26.5	24.5	36.8	...
China	7	1	0	17	12	1	-	-	-	0.5	0.0	...
Kazakhstan	89	93	20	2	2	-	-	-	-	-	-	...
Korea Rep	11	3	1	32	32	6	-	-	-	2.5	2.5	...
Mexico	141	136	150	144	130	140	15.2	16.9	13.3	16.1	13.4	...
Peru	51	35	40	30	30	1	-	0.0	-	0.1	-	...
Poland	9	9	2	-	-	-	-	-	-	-	-	...
Russian Federation	15	11	-	-	-	-	-	-	-	-	-	...
South Africa	7	4	-	-	-	-	-	-	-	-	-	...
Spain	-	-	-	-	-	-	-	-	-	-	-	...
Other	2	3	20	53	53	1	-	0.0	0.1	-	0.4	...
<b>Exports</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>4</b> <sup>(11)</sup>	<b>1</b> <sup>(11)</sup>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>...</b>
<b>Consumption</b>	<b>1,179</b>	<b>1,217</b>	<b>1,152</b>	<b>1,251</b>	<b>1,251</b>	<b>1,072</b>	<b>91.3</b>	<b>82.3</b>	<b>81.0</b>	<b>83.5</b>	<b>90.5</b>	<b>89.6</b>
<b>Stocks:</b>												
Consumer Stocks	57	59	55	56			56.7	56.3	56.4	55.9	54.5	55.0
Merchant Stocks	10	10	10	10			10.2	10.2	10.2	10.2	10.2	10.0
Producers	7	9	8	6			6.4	7.0	7.5	7.0	9.6	10.0
Stockpile	115	112	104	72			56.5	54.5	50.0	47.0	44.0	41.0
<b>Principal Uses:^</b>	<b>1,216</b>	<b>1,220</b>	<b>1,048</b>	<b>1,162</b>	<b>1,162</b>	<b>941</b>	<b>81.0</b>	<b>75.3</b>	<b>65.7</b>	<b>59.2</b>	<b>67.2</b>	<b>78.0</b>
Brass	148	189	167	188	188	147	11.0	11.4	10.6	9.9	10.1	12.0
Galvanizing	578	652	588	644	644	514	45.4	41.6	35.0	31.1	36.2	43.0
Zinc Alloys	190	233	222	244	244	204	18.0	16.1	14.4	12.8	15.0	17.0
Zinc Oxide:												
from slab	72	72										
from ores	2	2										
Miscellaneous	226	72	71	86	86	76	6.6	6.2	5.7	5.4	5.9	6.0

\* Imports for consumption.

\*\* Excluding re-exports.

(11) January-November.

^ Apparent consumption of slab zinc, including secondary refined.

**Production and Consumption of Zinc: Annual Totals**

Production et Consommation du Zinc: Totales Annuelles

Thousand metric tons

	Western World			Total World								
	Mine* Production		Metal Production	Metal Consumption	Mine* Production	Metal Production	Metal Consumption					
		+/- %		+/- %		+/- %	+/- %					
<b>1972</b>	4458	2.7	4104	8.6	4436	11.6	5866	3.4	5516	7.9	5679	10.0
<b>1973</b>	4544	1.9	4261	3.8	4839	9.1	6070	3.5	5826	5.6	6190	9.0
<b>1974</b>	4534	-0.2	4371	2.6	4551	-6.0	6129	1.0	5994	2.9	5995	-3.2
<b>1975</b>	4509	-0.6	3764	-13.9	3532	-22.4	6176	0.8	5483	-8.5	5052	15.7
<b>1976</b>	4574	1.4	4118	9.4	4189	18.6	6249	1.2	5811	6.0	5769	14.2
<b>1977</b>	4854	6.1	4283	4.0	4263	1.8	6567	5.1	5989	3.1	5847	1.4
<b>1978</b>	4694	-3.3	4304	0.5	4654	9.2	6401	-2.5	6038	0.8	6328	8.2
<b>1979</b>	4610	-1.8	4719	9.6	4761	2.3	6299	-1.6	6456	6.9	6437	1.7
<b>1980</b>	4537	-1.6	4475	-5.2	4489	-5.7	6108	-3.0	6133	-5.0	6242	-3.0
<b>1981</b>	4471	-1.5	4556	1.8	4426	-1.4	6004	-1.7	6127	-0.1	6116	-2.0
<b>1982</b>	4814	7.7	4330	-5.0	4236	-4.3	6275	4.5	5855	-4.4	5902	-3.5
<b>1983</b>	4843	0.6	4645	7.3	4556	7.6	6289	0.2	6124	4.6	6181	4.7
<b>1984</b>	5095	5.2	4892	5.3	4704	3.2	6523	3.7	6377	4.1	6350	2.7
<b>1985</b>	5178	1.6	4996	2.1	4734	0.6	6651	2.0	6480	1.6	6347	0.0
<b>1986</b>	5073	-2.0	4855	-2.8	4882	3.1	6534	-1.8	6390	-1.4	6547	3.2
<b>1987</b>	5323	4.9	5062	4.3	5044	3.3	6846	4.8	6627	3.7	6722	2.7
<b>1988</b>	5065	-4.8	5240	3.5	5265	4.4	6714	-1.9	6856	3.5	6848	1.9
<b>1989</b>	5134	1.4	5216	-0.5	5181	-1.6	6802	1.3	6774	-1.2	6715	-1.9
<b>1990</b>	5412	5.4	5212	-0.1	5208	0.5	7126	4.8	6746	-0.4	6620	-1.4
<b>1991</b>	5590	3.3	5409	3.8	5382	3.3	7160	0.5	6895	2.2	6642	0.3
<b>1992</b>	5687	1.7	5465	1.0	5432	0.9	7214	0.8	7035	2.0	6597	-0.7
<b>1993</b>	5249	-7.7	5470	0.1	5555	2.3	6724	-6.8	7182	2.1	6609	0.2
<b>1994</b>	5170	-1.5	5381	-1.6	5841	5.1	6798	1.1	7123	-0.8	6960	5.3
<b>1995</b>	5330	3.1	5508	2.4	6290	7.7	6952	2.3	7362	3.4	7519	8.0
<b>1996</b>	5577	4.6	5529	0.4	6298	0.1	7283	4.8	7464	1.4	7551	0.4
<b>1997</b>	5498	-1.4	5603	1.3	6531	3.7	7337	0.7	7802	4.5	7822	3.6
<b>1998</b>	5694	3.6	5734	2.3	6639	1.7	7569	3.2	8042	3.1	8035	2.7
<b>1999</b>	5899	3.6	5832	1.7	6818	2.7	8068	6.6	8369	4.1	8482	5.6
<b>2000</b>	6323	7.2	6141	5.3	7153	4.9	8839	9.6	8982	7.3	9008	6.2
<b>2001</b>	6618	4.7	6283	2.3	6897	-3.6	8933	1.1	9228	2.7	8919	-1.0
<b>2002</b>	6469	-2.3	6668	6.1	7117	3.2	8905	-0.3	9719	5.3	9387	5.2
<b>2003</b>	6705	3.6	6643	-0.4	7116	0.0	9579	7.6	9868	1.5	9844	4.9
<b>2004</b>	6545	-2.4	6668	0.4	7421	4.3	9664	0.9	10157	2.9	10456	6.2

\* Metal content by analysis.

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