



CAIAMA

5,0
kilos/hab.

+5,6%

+398
millones
de us\$

Consumo
“per capita”

variación anual
del consumo
doméstico

balanza comercial
de la industria del
aluminio

industria del aluminio en Argentina

anuario estadístico 2013



Rio Grande de Nono - Córdoba



CAIAMA

5,0
kilos/inhab.

"Per capita" con-
sumption

+5,6%

Annual variation
of domestic
consumption

+398
million us\$

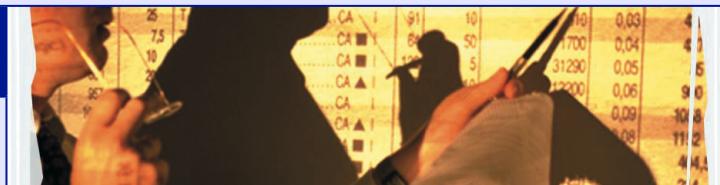
Aluminum industry
foreign
trade balance

aluminum industry in Argentina

2013 statistical yearbook



Rio Grande de Nono - Córdoba



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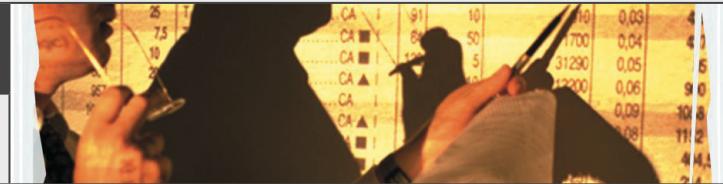
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2013 statistical yearbook



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Otro año en positivo

Una vez más los indicadores del mercado doméstico de aluminio muestran una tendencia positiva.

En un contexto donde la actividad general ya no tiene el mismo dinamismo de los últimos años, nuestro sector ha logrado aumentar tanto la producción doméstica de aluminio primario y elaborados, como la exportación. Esto impacta sobre el consumo per capita que sigue creciendo, pero que aún está por debajo de los valores de los países desarrollados. Lo que indica que todavía hay un enorme potencial de crecimiento para el sector, especialmente en sectores como Transporte donde el aluminio posee enormes ventajas competitivas con respecto a otros materiales sustitutos.

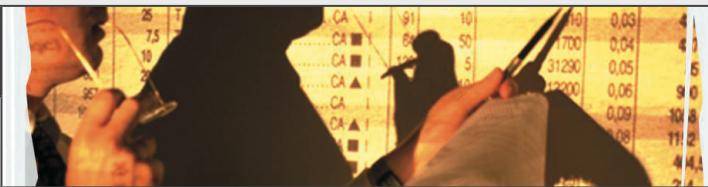
Por el lado de las exportaciones, más allá del saldo positivo de la balanza, es muy importante destacar que ese saldo positivo se viene produciendo desde hace más de 15 años, aportando una enorme cantidad de divisas para el País.

Esperamos que este Anuario les sea útil para analizar el mercado, y sobre todo para lograr entender donde existen oportunidades para realizar negocios de mediano y largo plazo.

Nos sentimos orgullosos de seguir presentando estadísticas con un alto nivel de desagregación, con valores que cubren los últimos 15 años, y que es de libre disponibilidad para quien desee acercarse a nuestro dinámico sector.

Subcomisión de Estadísticas de CAIAMA





Another in-positive year

Once again, the indicators of the domestic aluminum market show a positive trend.

In a context where the overall activity no longer has the same dynamism respect recent years, our industry has succeeded in improving the domestic production of primary aluminum as well as exports. This impacts on the per capita consumption which continues to grow, although it is still below the values of developed countries. This indicates that there is still a huge growth potential for the sector, especially in sectors such as transport where aluminum has huge competitive advantages over other substitute materials.

Regarding exports, beyond the positive foreign exchange balance, it is very important to highlight that this positive balance has been occurring for over 15 years, providing a huge amount of foreign exchange resources for the country.

We hope this Yearbook will be helpful to analyze the market, and especially will be helpful to understand where there are opportunities to do business in the medium and long term.

We are proud to continue to present these statistics with a high level of disaggregation, with values covering the last 15 years, and which is available to anyone wishing to approach our dynamic industry.

CAIAMA's Statistics Subcommission



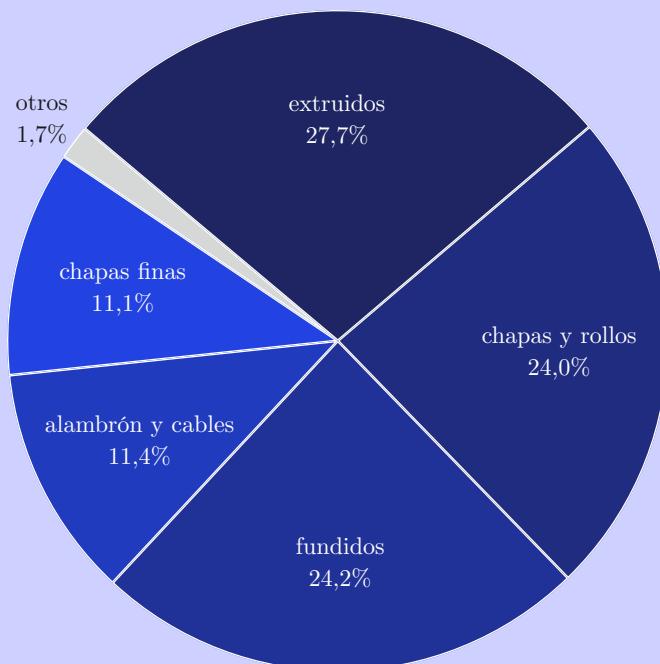
consumo doméstico

consumo total por origen [ton]

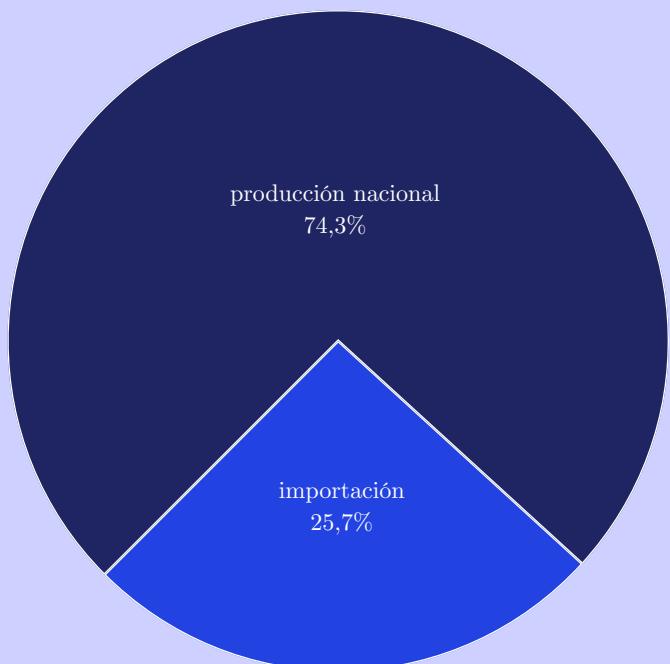


producto	consumo de producción doméstica	importaciones	consumo total del mercado doméstico	variación respecto al año 2012
chapas y rollos	21.804	28.627	50.431	6,6%
chapas finas y foil	10.899	12.431	23.330	8,7%
extruidos	50.745	7.498	58.243	4,2%
alambrón y cables	22.878	1.130	24.008	-0,5%
fundidos	50.021	899	50.920	7,7%
otros productos	0	3.559	3.559	11,1%
consumo total	156.347	54.144	210.491	5,6%

consumo total por producto



consumo total por origen



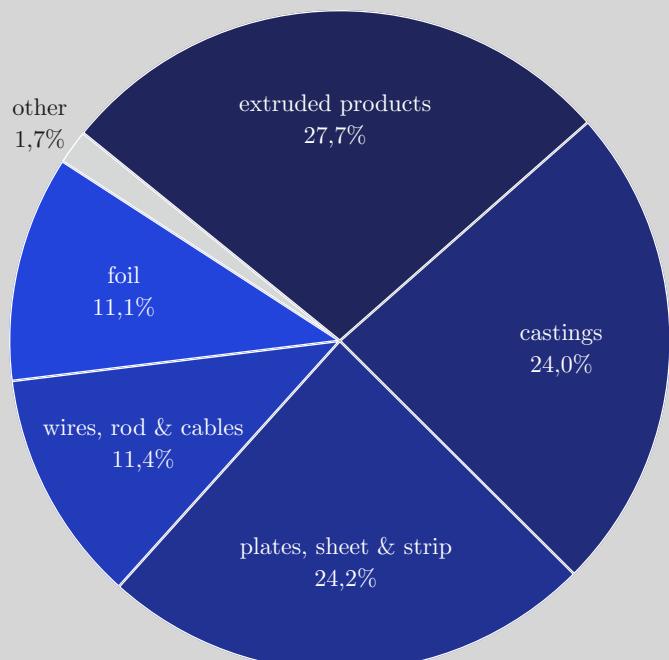
domestic consumption

total consumption by origin [ton]

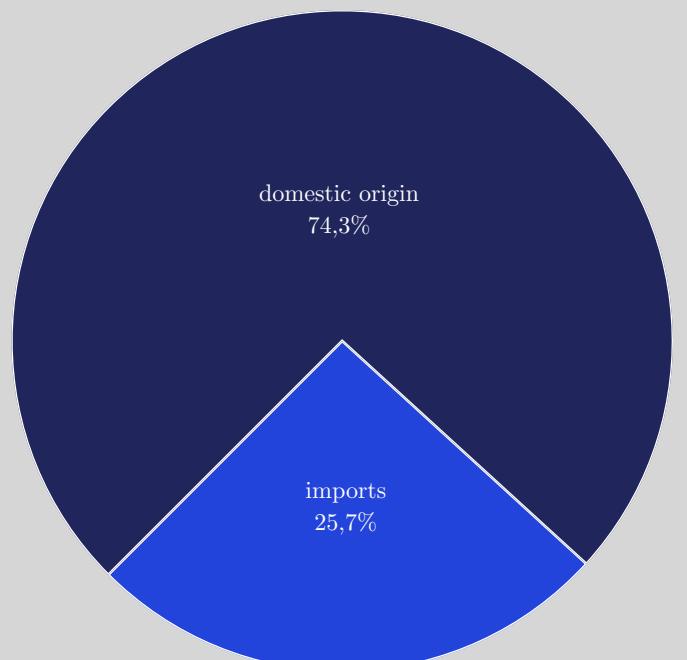


product	consumption of domestic origin	imports	total domestic consumption	variation respect year 2012
plates, sheets & strip	21.804	28.627	50.431	6,6%
foil	10.899	12.431	23.330	8,7%
extruded products	50.745	7.498	58.243	4,2%
wires, rod & cables	22.878	1.130	24.008	-0,5%
castings	50.021	899	50.920	7,7%
other products	0	3.559	3.559	11,1%
total consumption	156.347	54.144	210.491	5,6%

total consumption by product



total consumption by origin

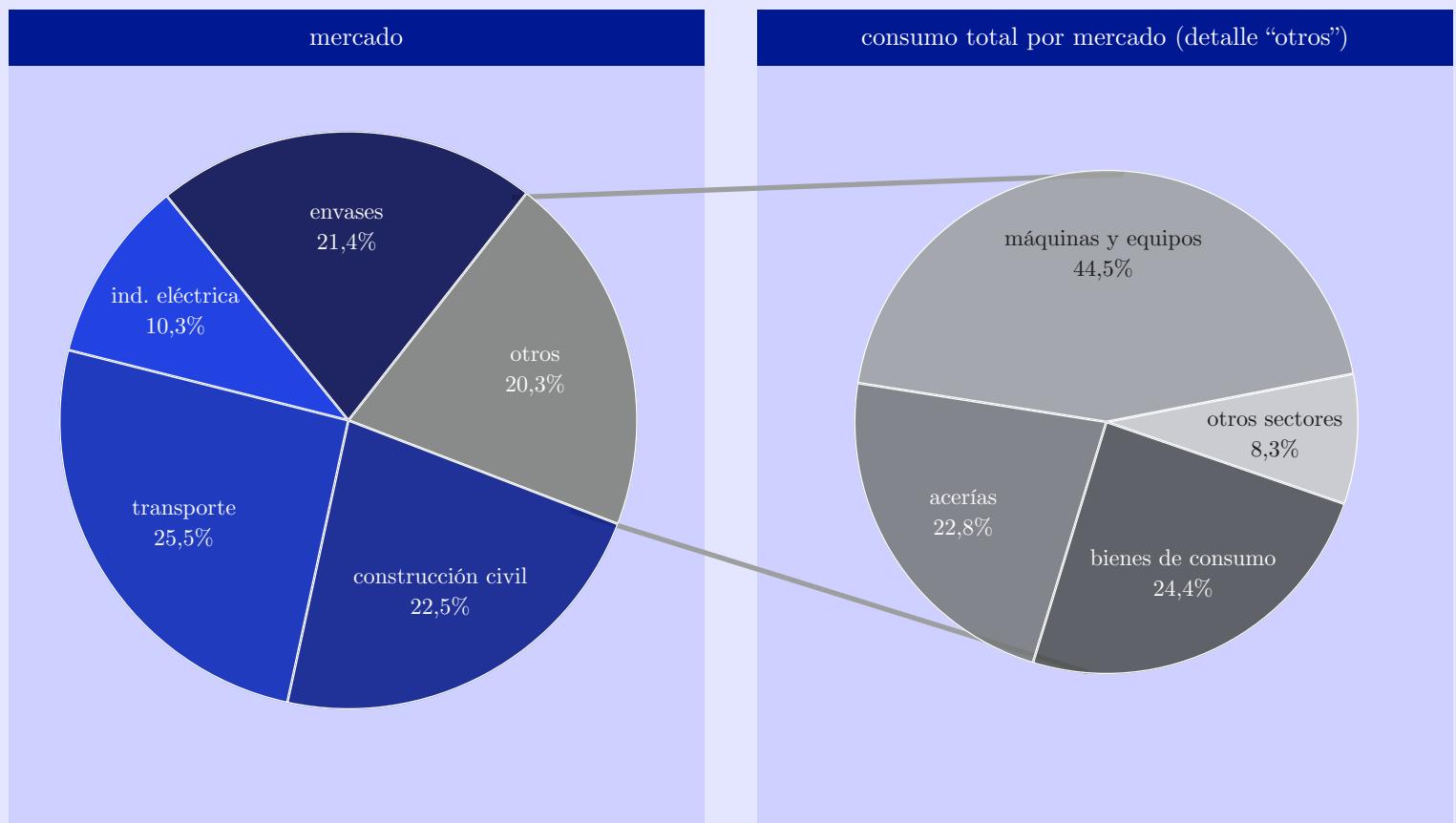


consumo doméstico



consumo total por producto y mercado [ton]

producto	mercado								consumo total	participación
	construcción civil	envases	transporte	industria eléctrica	bienes de consumo	máquinas y equipos	acerías	otros sectores		
chapas y rollos	1.580	31.906	5.367	0	7.546	4.032	0	0	50.431	24,0%
chapas finas y foil	2.811	13.174	6.204	0	0	1.141	0	0	23.330	11,1%
extruidos	43.071	0	9.424	0	2.874	2.874	0	0	58.243	27,7%
alambrón y cables	0	0	0	21.583	0	0	2.425	0	24.008	11,4%
fundidos	0	0	32.731	0	0	10.910	7.279	0	50.920	24,2%
otros productos	0	0	0	0	0	0	0	3.559	3.559	1,7%
consumo total	47.462	45.080	53.726	21.583	10.420	18.957	9.704	3.559	210.491	100,0%
participación	22,5%	21,4%	25,5%	10,3%	5,0%	9,0%	4,6%	1,7%		100,0%



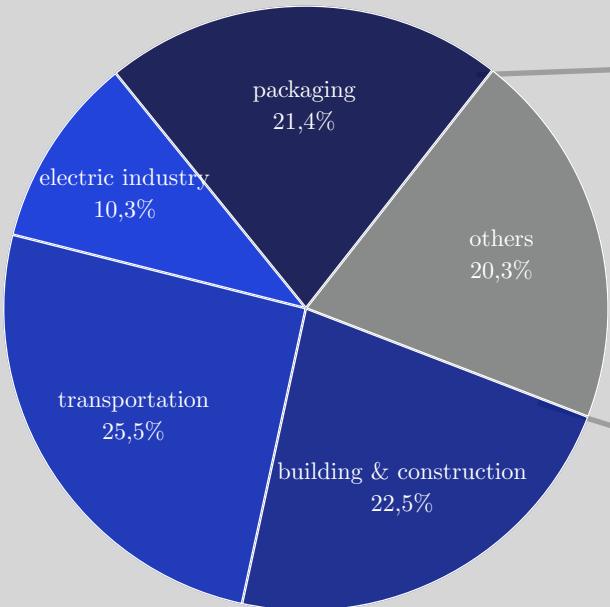
domestic consumption

total consumption by product and end-use market [ton]

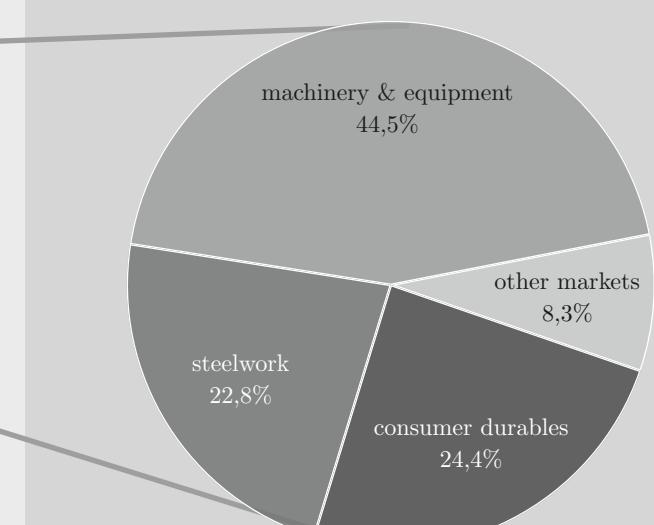


product	end-use market								total consumption	share
	building & construction	packaging	transportation	electric industry	consumer durables	machinery & equipment	steelwork	other markets		
plates, sheets & strip	1.580	31.906	5.367	0	7.546	4.032	0	0	50.431	24,0%
foil	2.811	13.174	6.204	0	0	1.141	0	0	23.330	11,1%
extruded products	43.071	0	9.424	0	2.874	2.874	0	0	58.243	27,7%
wires, rod & cables	0	0	0	21.583	0	0	2.425	0	24.008	11,4%
castings	0	0	32.731	0	0	10.910	7.279	0	50.920	24,2%
other products	0	0	0	0	0	0	0	3.559	3.559	1,7%
total consumption	47.462	45.080	53.726	21.583	10.420	18.957	9.704	3.559	210.491	100,0%
share	22,5%	21,4%	25,5%	10,3%	5,0%	9,0%	4,6%	1,7%		100,0%

total consumption by end-use market



total consumption by end-use market (detail "others")



consumo doméstico

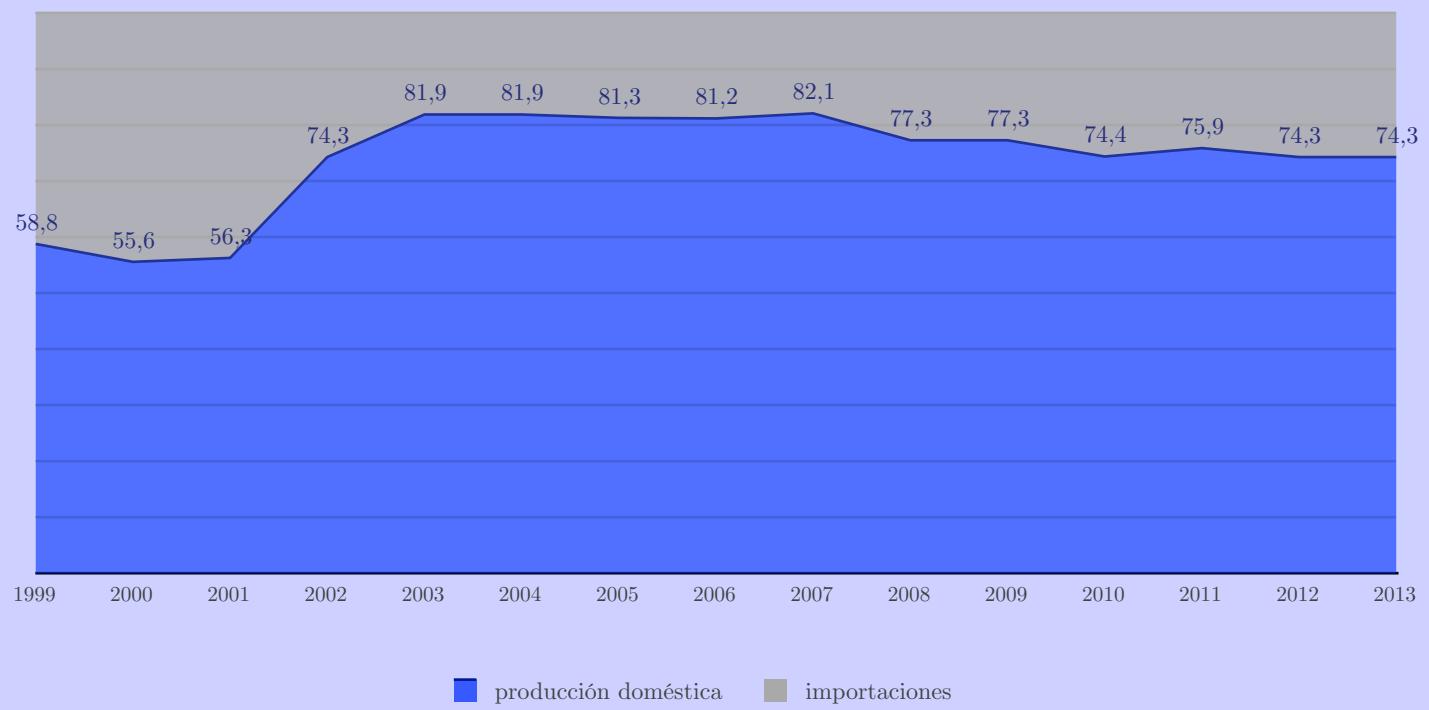
evolución del consumo [ton]



evolución del consumo total del mercado doméstico



evolución de la participación de la producción doméstica

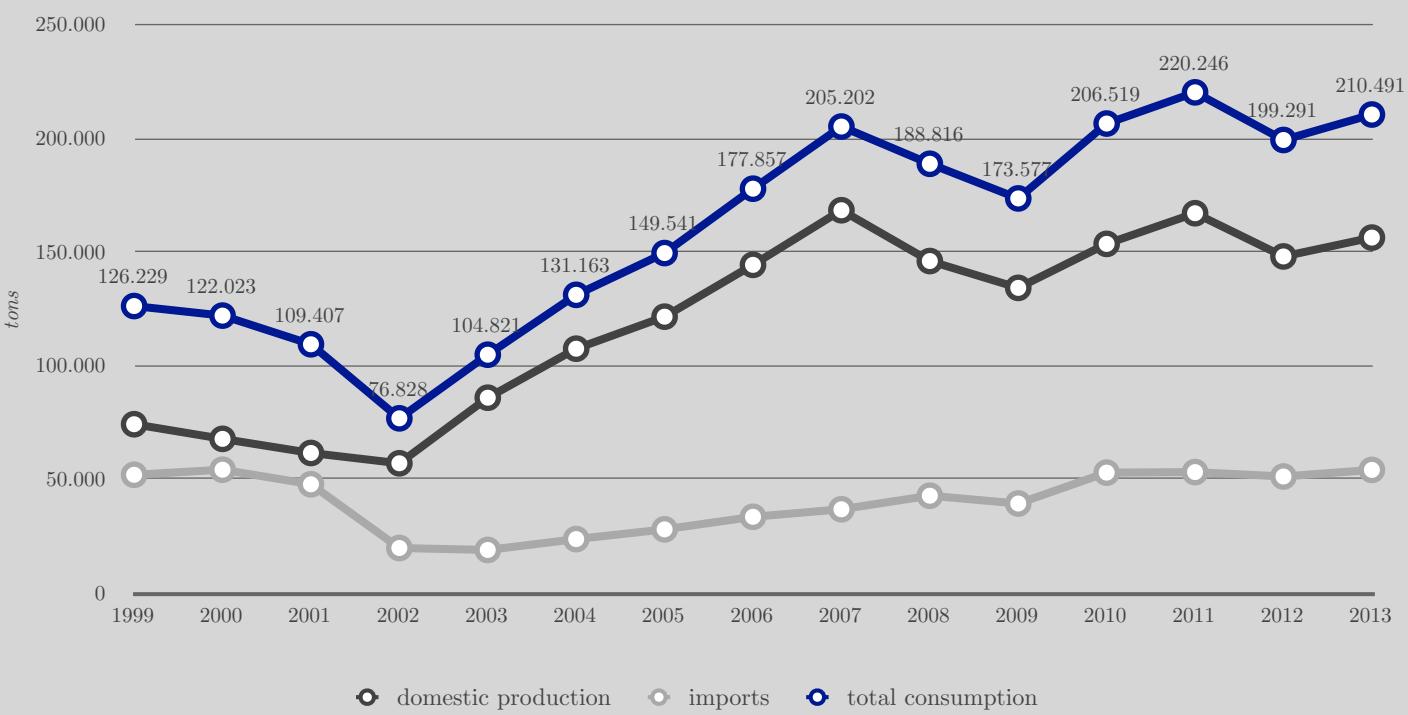


domestic consumption

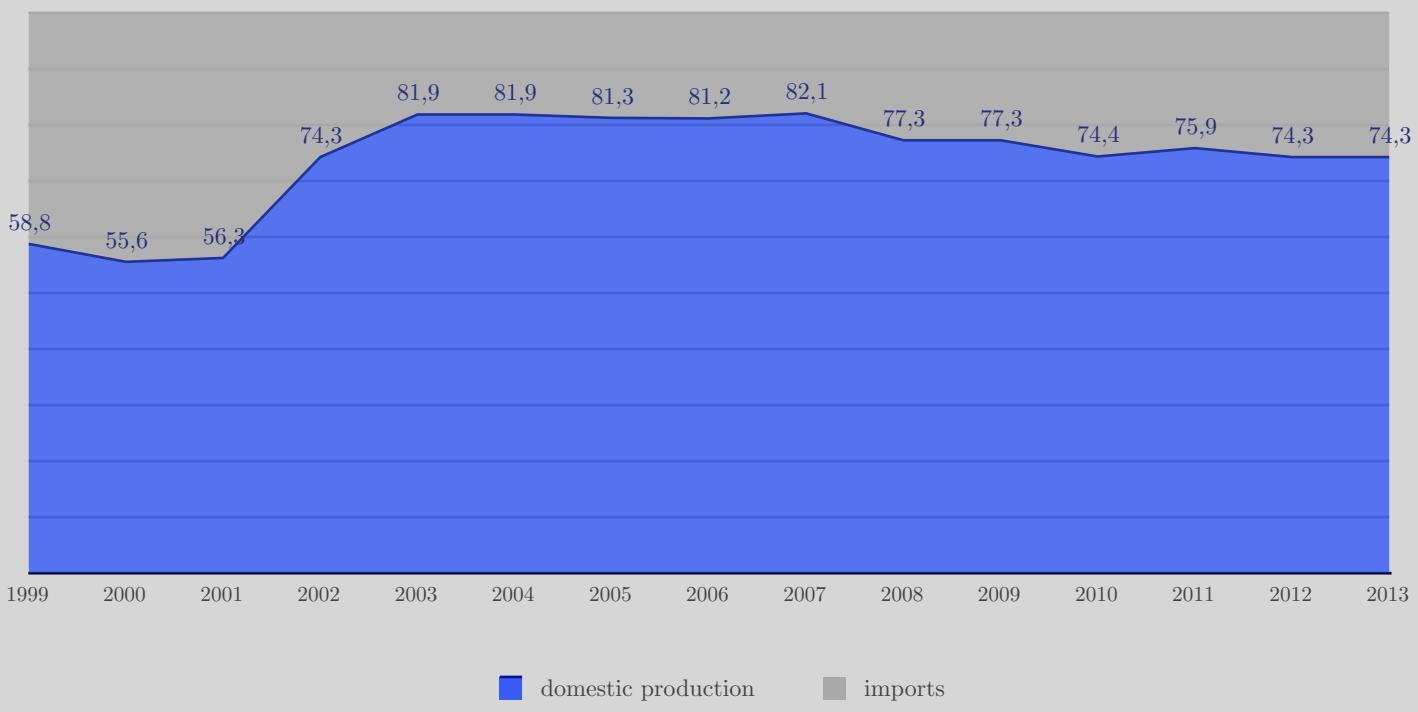
evolution of consumption [ton]



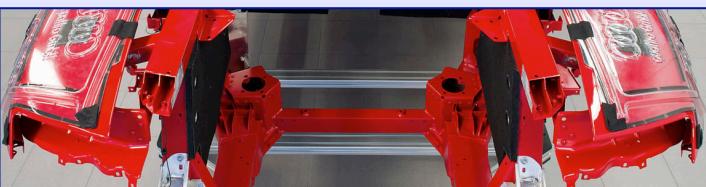
evolution of total consumption in the domestic market



evolution of domestic production share



consumo doméstico

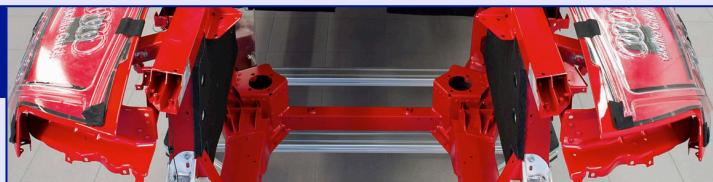


evolución del consumo por producto [ton]

producto	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
chapas y rollos	32.580	34.625	32.530	16.640	20.544	23.696	29.208	33.230	36.372	41.160	38.268	50.319	49.713	47.320	50.431
laminados estándar	7.738	10.004	5.701	4.897	8.220	8.201	10.188	10.357	10.810	10.310	7.777	11.217	10.489	9.235	11.080
chapas para latas	12.996	11.488	13.671	4.806	3.762	3.785	4.708	6.675	5.927	7.111	8.370	8.589	8.225	6.719	7.844
tejos	5.393	6.162	6.292	4.875	5.719	7.671	9.599	10.758	12.813	14.318	15.634	18.430	19.187	21.198	21.451
pomos	209	316	247	167	183	233	207	234	265	387	270	338	573	1.378	1.820
menaje	1.702	2.826	2.467	589	1.342	2.018	2.434	2.651	3.297	3.754	3.006	4.387	4.682	3.649	3.514
otros	4.542	3.829	4.152	1.306	1.318	1.788	2.072	2.555	3.260	5.280	3.211	7.358	6.557	5.141	4.722
chapas finas y foil	16.522	18.414	16.377	13.900	15.358	17.385	19.645	20.184	21.478	19.525	18.727	21.468	22.319	21.463	23.330
foil estándar	10.093	11.720	10.138	8.935	9.703	10.594	12.542	11.992	12.536	10.742	10.737	11.295	11.045	10.535	11.407
foil impreso/con soporte	3.616	3.974	3.385	2.788	3.562	4.510	4.871	5.110	5.553	4.709	3.591	5.646	6.347	6.460	6.625
otros	2.813	2.720	2.854	2.177	2.093	2.281	2.232	3.082	3.389	4.074	4.399	4.527	4.927	4.468	5.298
extruidos	30.972	25.633	23.396	12.227	19.564	28.181	34.554	41.300	50.451	51.791	38.994	51.541	62.864	55.895	58.243
perfles	24.550	20.219	18.538	9.337	15.944	22.943	28.227	33.409	40.798	42.183	31.306	41.689	50.537	44.957	47.406
tubos	4.582	3.737	3.638	2.043	3.434	4.925	5.790	6.889	8.446	8.509	6.567	8.949	10.762	9.811	10.076
otros	1.840	1.677	1.220	847	186	313	537	1.002	1.207	1.099	1.121	903	1.565	1.127	761
alambrón y cables	20.617	14.847	11.984	6.754	12.745	17.950	17.823	30.044	36.074	23.553	35.061	29.135	33.886	24.123	24.008
cables eléctricos	11.556	6.137	7.473	5.456	10.734	16.158	15.984	27.934	34.072	21.838	33.615	26.962	31.392	21.609	21.583
otros	9.061	8.710	4.511	1.298	2.011	1.792	1.839	2.110	2.002	1.715	1.446	2.173	2.494	2.514	2.425
fundidos	22.153	25.909	23.335	25.781	34.558	41.410	45.514	50.235	57.427	48.682	39.098	49.478	47.556	47.284	50.920
piezas fundidas	17.485	20.308	19.594	20.039	25.895	33.066	36.506	40.238	45.585	41.448	33.178	41.138	42.295	43.214	43.641
otros	4.668	5.601	3.741	5.742	8.663	8.344	9.008	9.997	11.842	7.234	5.920	8.340	5.261	4.070	7.279
otros productos	3.383	2.595	1.786	1.526	2.053	2.540	2.796	2.866	3.402	4.106	3.429	4.579	3.910	3.204	3.559
consumo total	126.227	122.023	109.408	76.828	104.822	131.162	149.540	177.859	205.204	188.817	173.577	206.520	220.248	199.289	210.491

consumo doméstico

evolución del consumo por producto [ton]



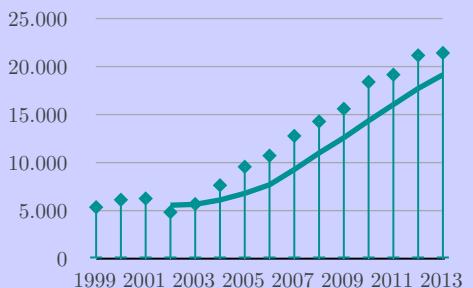
laminados estándar



chapas para latas



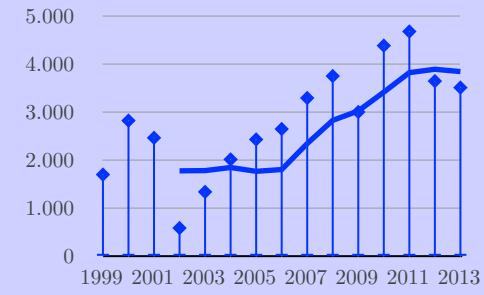
tejos



pomos



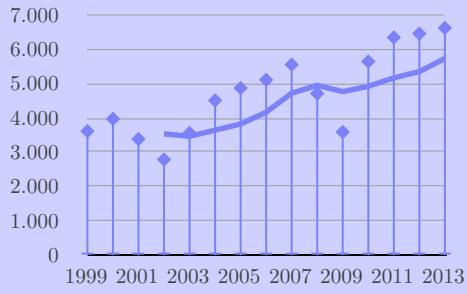
menaje



foil estándar



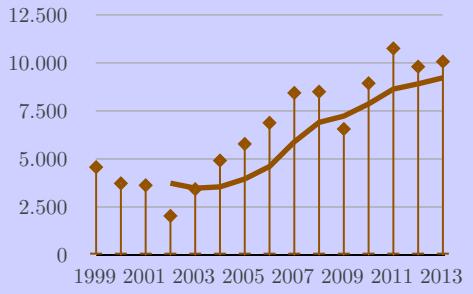
foil impreso/con soporte



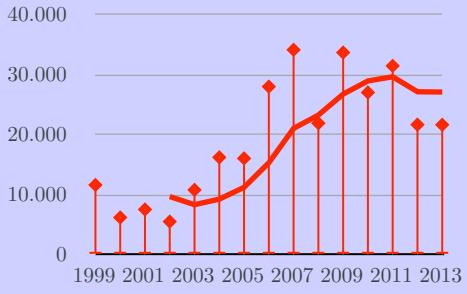
perfles



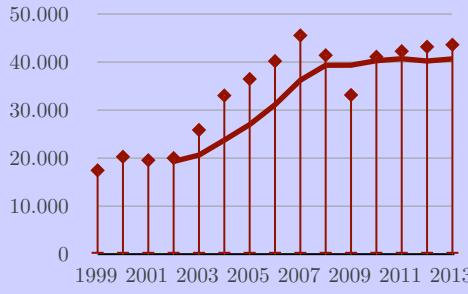
tubos



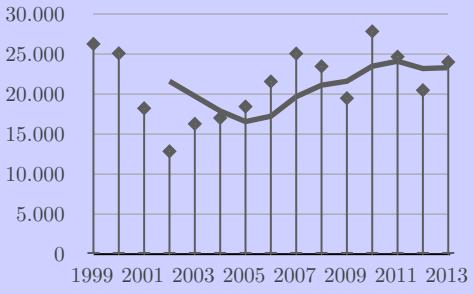
cables eléctricos



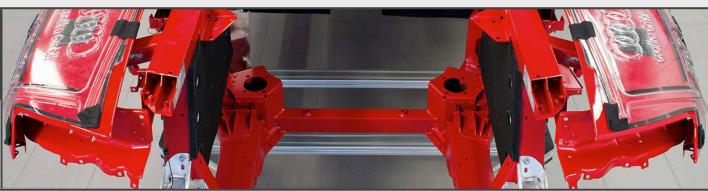
piezas fundidas



resto



domestic consumption

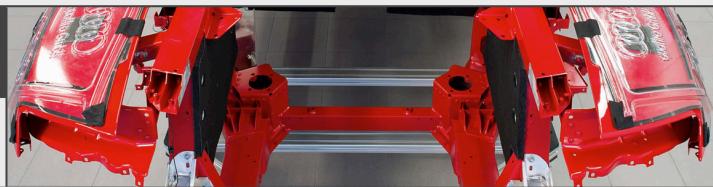


evolution of consumption by product [ton]

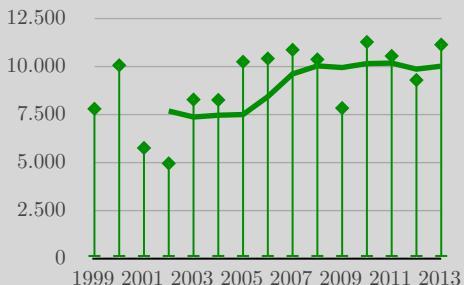
product	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
plates, sheets & strip	32.580	34.625	32.530	16.640	20.544	23.696	29.208	33.230	36.372	41.160	38.268	50.319	49.713	47.320	50.431
standard sheets	7.738	10.004	5.701	4.897	8.220	8.201	10.188	10.357	10.810	10.310	7.777	11.217	10.489	9.235	11.080
can stock	12.996	11.488	13.671	4.806	3.762	3.785	4.708	6.675	5.927	7.111	8.370	8.589	8.225	6.719	7.844
slugs	5.393	6.162	6.292	4.875	5.719	7.671	9.599	10.758	12.813	14.318	15.634	18.430	19.187	21.198	21.451
semirigid tubes	209	316	247	167	183	233	207	234	265	387	270	338	573	1.378	1.820
cookware	1.702	2.826	2.467	589	1.342	2.018	2.434	2.651	3.297	3.754	3.006	4.387	4.682	3.649	3.514
others	4.542	3.829	4.152	1.306	1.318	1.788	2.072	2.555	3.260	5.280	3.211	7.358	6.557	5.141	4.722
foil	16.522	18.414	16.377	13.900	15.358	17.385	19.645	20.184	21.478	19.525	18.727	21.468	22.319	21.463	23.330
standard foil	10.093	11.720	10.138	8.935	9.703	10.594	12.542	11.992	12.536	10.742	10.737	11.295	11.045	10.535	11.407
printed/supported foil	3.616	3.974	3.385	2.788	3.562	4.510	4.871	5.110	5.553	4.709	3.591	5.646	6.347	6.460	6.625
others	2.813	2.720	2.854	2.177	2.093	2.281	2.232	3.082	3.389	4.074	4.399	4.527	4.927	4.468	5.298
extruded products	30.972	25.633	23.396	12.227	19.564	28.181	34.554	41.300	50.451	51.791	38.994	51.541	62.864	55.895	58.243
profiles	24.550	20.219	18.538	9.337	15.944	22.943	28.227	33.409	40.798	42.183	31.306	41.689	50.537	44.957	47.406
tubes	4.582	3.737	3.638	2.043	3.434	4.925	5.790	6.889	8.446	8.509	6.567	8.949	10.762	9.811	10.076
others	1.840	1.677	1.220	847	186	313	537	1.002	1.207	1.099	1.121	903	1.565	1.127	761
wires, rod & cables	20.617	14.847	11.984	6.754	12.745	17.950	17.823	30.044	36.074	23.553	35.061	29.135	33.886	24.123	24.008
electric wire	11.556	6.137	7.473	5.456	10.734	16.158	15.984	27.934	34.072	21.838	33.615	26.962	31.392	21.609	21.583
others	9.061	8.710	4.511	1.298	2.011	1.792	1.839	2.110	2.002	1.715	1.446	2.173	2.494	2.514	2.425
castings	22.153	25.909	23.335	25.781	34.558	41.410	45.514	50.235	57.427	48.682	39.098	49.478	47.556	47.284	50.920
cast parts	17.485	20.308	19.594	20.039	25.895	33.066	36.506	40.238	45.585	41.448	33.178	41.138	42.295	43.214	43.641
others	4.668	5.601	3.741	5.742	8.663	8.344	9.008	9.997	11.842	7.234	5.920	8.340	5.261	4.070	7.279
other products	3.383	2.595	1.786	1.526	2.053	2.540	2.796	2.866	3.402	4.106	3.429	4.579	3.910	3.204	3.559
total consumption	126.227	122.023	109.408	76.828	104.822	131.162	149.540	177.859	205.204	188.817	173.577	206.520	220.248	199.289	210.491

domestic consumption

evolution of consumption by product [ton]



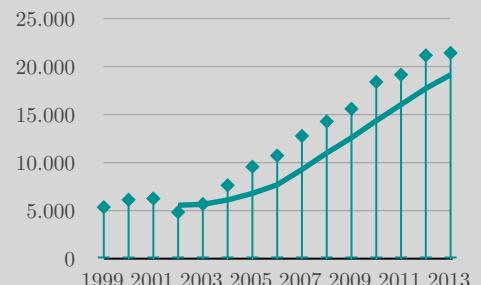
standard sheet



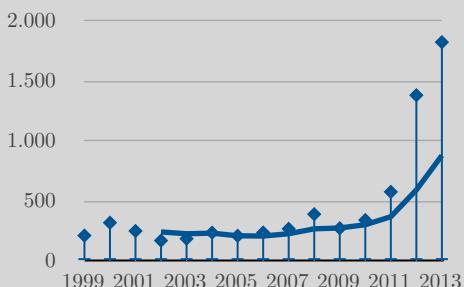
can stock



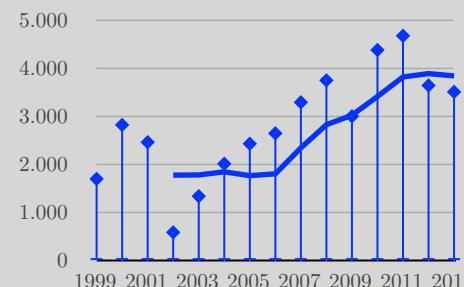
slugs



semirigid tubes



cookware



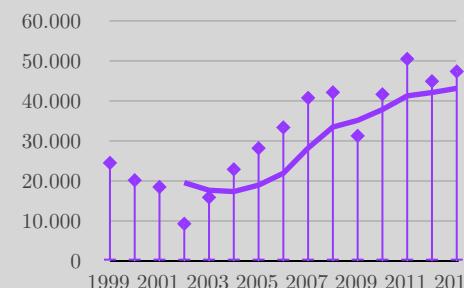
standard foil



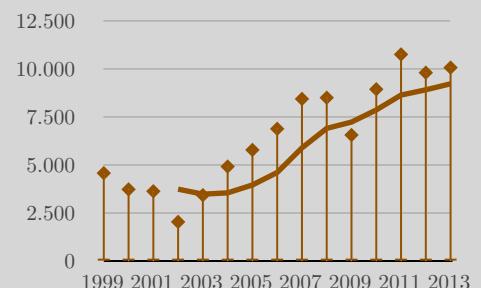
printed/supported foil



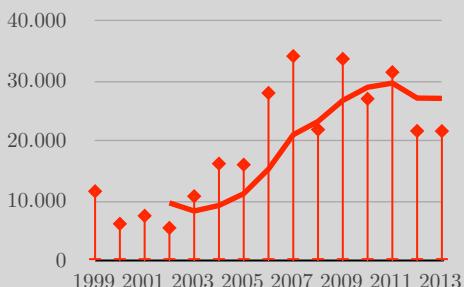
profiles



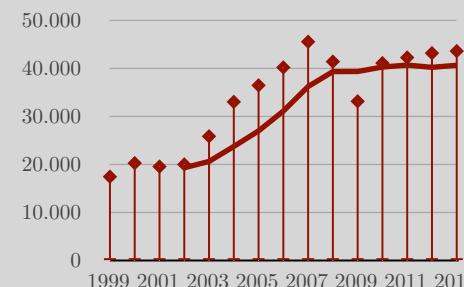
tubes



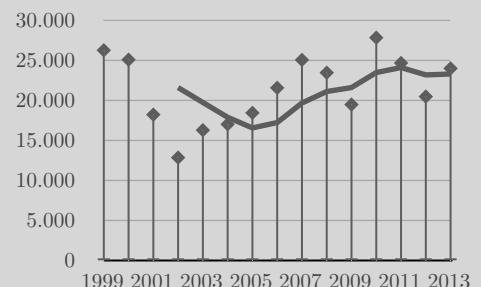
electric wire



cast parts



rest



consumo doméstico

evolución del consumo por sector [ton]



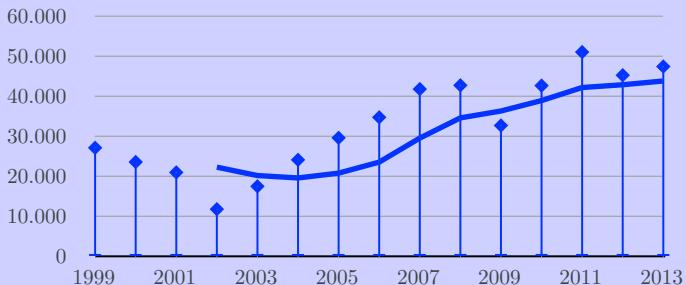
sector	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
construcción civil	27.152	23.610	21.003	11.817	17.528	24.146	29.646	34.775	41.827	42.771	32.731	42.698	51.080	45.294	47.463
extruídos	21.784	17.934	16.485	8.345	14.239	20.487	25.151	29.776	36.367	37.558	27.924	37.226	45.108	40.176	42.311
resto	5.368	5.676	4.518	3.472	3.289	3.659	4.495	4.999	5.460	5.213	4.807	5.472	5.972	5.118	5.152
envases	27.910	28.282	29.231	17.329	18.274	21.626	25.643	29.249	31.414	33.166	34.550	40.148	41.430	42.276	45.079
chapas y rollos	19.212	18.657	20.703	10.158	10.140	12.189	15.126	18.312	19.708	22.595	24.824	28.285	28.836	30.014	31.905
chapas finas y foil	8.698	9.625	8.528	7.171	8.134	9.437	10.517	10.937	11.706	10.571	9.726	11.863	12.594	12.262	13.174
transporte	26.497	28.466	26.400	22.700	29.506	36.970	41.672	46.006	52.308	49.955	40.096	51.817	53.928	52.257	53.726
chapas y rollos	4.433	4.607	3.709	1.943	2.780	3.034	3.687	3.994	4.496	5.481	3.710	6.851	6.228	5.136	5.367
chapas finas y foil	4.515	5.001	4.521	3.830	4.104	4.541	5.142	5.341	5.671	5.323	5.340	5.764	5.919	5.594	6.204
extruídos	4.435	3.627	3.474	1.897	3.201	4.595	5.464	6.493	7.952	8.065	6.162	8.349	10.060	9.116	9.424
fundidos	13.114	15.231	14.696	15.030	19.421	24.800	27.379	30.178	34.189	31.086	24.884	30.853	31.721	32.411	32.731
industria eléctrica	11.556	6.137	7.473	5.456	10.734	16.158	15.984	27.934	34.072	21.838	33.615	26.962	31.392	21.609	21.583
alambrón y cables	11.556	6.137	7.473	5.456	10.734	16.158	15.984	27.934	34.072	21.838	33.615	26.962	31.392	21.609	21.583
bienes de consumo	6.161	7.599	5.909	2.823	4.975	6.139	7.502	8.156	9.491	10.173	7.714	11.387	11.877	9.929	10.420
chapas y rollos	4.704	6.401	4.800	2.254	4.006	4.746	5.801	6.141	7.029	7.638	5.820	8.855	8.812	7.191	7.546
extruídos	1.457	1.198	1.109	569	969	1.393	1.701	2.015	2.462	2.535	1.894	2.532	3.065	2.738	2.874
máquinas y equipos	9.840	11.023	9.355	8.137	11.077	13.447	15.448	16.763	18.844	17.856	14.078	18.415	18.873	18.137	18.957
chapas y rollos	3.003	3.576	2.333	1.665	2.664	2.728	3.367	3.490	3.732	3.885	2.815	4.469	4.130	3.542	4.032
chapas finas y foil	1.009	1.172	1.014	893	970	1.059	1.254	1.199	1.254	1.074	1.074	1.130	1.104	1.053	1.141
extruídos	1.457	1.198	1.109	569	969	1.393	1.701	2.015	2.462	2.535	1.894	2.532	3.065	2.738	2.874
fundidos	4.371	5.077	4.899	5.010	6.474	8.267	9.126	10.059	11.396	10.362	8.295	10.284	10.574	10.804	10.910
acerías	13.729	14.311	8.252	7.040	10.674	10.136	10.847	12.107	13.844	8.949	7.366	10.513	7.755	6.584	9.704
alambrón y cables	9.061	8.710	4.511	1.298	2.011	1.792	1.839	2.110	2.002	1.715	1.446	2.173	2.494	2.514	2.425
fundidos	4.668	5.601	3.741	5.742	8.663	8.344	9.008	9.997	11.842	7.234	5.920	8.340	5.261	4.070	7.279
otros sectores	3.383	2.595	1.786	1.526	2.053	2.540	2.796	2.866	3.402	4.106	3.429	4.579	3.910	3.204	3.559
consumo total	126.228	122.023	109.409	76.828	104.821	131.162	149.538	177.856	205.202	188.814	173.579	206.519	220.245	199.290	210.491

consumo doméstico

evolución del consumo por sector [ton]



construcción civil



envases



transporte



industria eléctrica



bienes de consumo



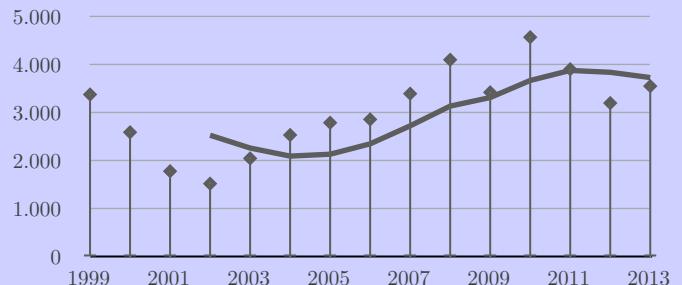
máquinas y equipos



acerías



otros sectores



domestic consumption

evolution of consumption by end-use market [ton]



end-use market	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
building & construction	27.152	23.610	21.003	11.817	17.528	24.146	29.646	34.775	41.827	42.771	32.731	42.698	51.080	45.294	47.463
extruded products	21.784	17.934	16.485	8.345	14.239	20.487	25.151	29.776	36.367	37.558	27.924	37.226	45.108	40.176	42.311
rest	5.368	5.676	4.518	3.472	3.289	3.659	4.495	4.999	5.460	5.213	4.807	5.472	5.972	5.118	5.152
packaging	27.910	28.282	29.231	17.329	18.274	21.626	25.643	29.249	31.414	33.166	34.550	40.148	41.430	42.276	45.079
plates, sheets & strip	19.212	18.657	20.703	10.158	10.140	12.189	15.126	18.312	19.708	22.595	24.824	28.285	28.836	30.014	31.905
foil	8.698	9.625	8.528	7.171	8.134	9.437	10.517	10.937	11.706	10.571	9.726	11.863	12.594	12.262	13.174
transportation	26.497	28.466	26.400	22.700	29.506	36.970	41.672	46.006	52.308	49.955	40.096	51.817	53.928	52.257	53.726
plates, sheets & strip	4.433	4.607	3.709	1.943	2.780	3.034	3.687	3.994	4.496	5.481	3.710	6.851	6.228	5.136	5.367
foil	4.515	5.001	4.521	3.830	4.104	4.541	5.142	5.341	5.671	5.323	5.340	5.764	5.919	5.594	6.204
extruded products	4.435	3.627	3.474	1.897	3.201	4.595	5.464	6.493	7.952	8.065	6.162	8.349	10.060	9.116	9.424
castings	13.114	15.231	14.696	15.030	19.421	24.800	27.379	30.178	34.189	31.086	24.884	30.853	31.721	32.411	32.731
electric industry	11.556	6.137	7.473	5.456	10.734	16.158	15.984	27.934	34.072	21.838	33.615	26.962	31.392	21.609	21.583
wires, rod & cables	11.556	6.137	7.473	5.456	10.734	16.158	15.984	27.934	34.072	21.838	33.615	26.962	31.392	21.609	21.583
consumer durables	6.161	7.599	5.909	2.823	4.975	6.139	7.502	8.156	9.491	10.173	7.714	11.387	11.877	9.929	10.420
plates, sheets & strip	4.704	6.401	4.800	2.254	4.006	4.746	5.801	6.141	7.029	7.638	5.820	8.855	8.812	7.191	7.546
extruded products	1.457	1.198	1.109	569	969	1.393	1.701	2.015	2.462	2.535	1.894	2.532	3.065	2.738	2.874
machinery & equipment	9.840	11.023	9.355	8.137	11.077	13.447	15.448	16.763	18.844	17.856	14.078	18.415	18.873	18.137	18.957
plates, sheets & strip	3.003	3.576	2.333	1.665	2.664	2.728	3.367	3.490	3.732	3.885	2.815	4.469	4.130	3.542	4.032
foil	1.009	1.172	1.014	893	970	1.059	1.254	1.199	1.254	1.074	1.074	1.130	1.104	1.053	1.141
extruded products	1.457	1.198	1.109	569	969	1.393	1.701	2.015	2.462	2.535	1.894	2.532	3.065	2.738	2.874
rest	4.371	5.077	4.899	5.010	6.474	8.267	9.126	10.059	11.396	10.362	8.295	10.284	10.574	10.804	10.910
steelwork	13.729	14.311	8.252	7.040	10.674	10.136	10.847	12.107	13.844	8.949	7.366	10.513	7.755	6.584	9.704
plates, sheets & strip	9.061	8.710	4.511	1.298	2.011	1.792	1.839	2.110	2.002	1.715	1.446	2.173	2.494	2.514	2.425
castings	4.668	5.601	3.741	5.742	8.663	8.344	9.008	9.997	11.842	7.234	5.920	8.340	5.261	4.070	7.279
other end-use markets	3.383	2.595	1.786	1.526	2.053	2.540	2.796	2.866	3.402	4.106	3.429	4.579	3.910	3.204	3.559
total consumption	126.228	122.023	109.409	76.828	104.821	131.162	149.538	177.856	205.202	188.814	173.579	206.519	220.245	199.290	210.491

domestic consumption

evolution of consumption by end-use market [ton]



building & construction



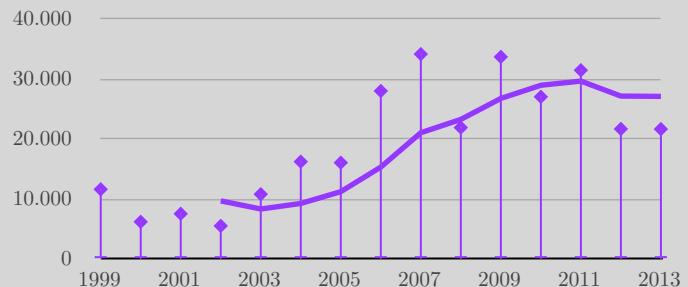
packaging



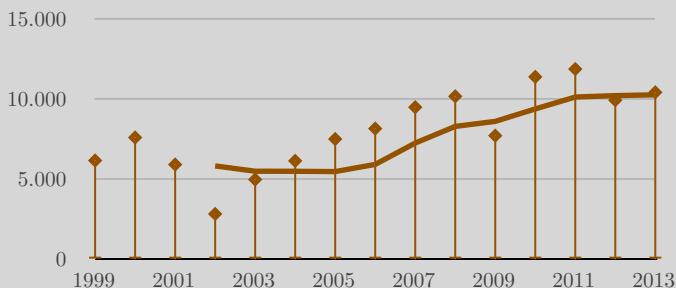
transportation



electric industry



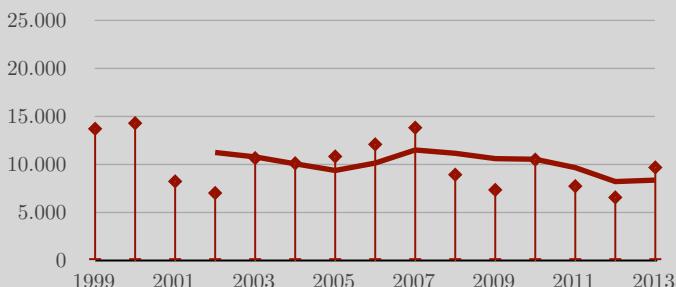
consumer durables



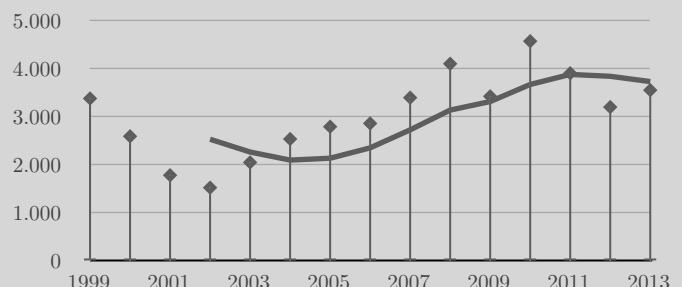
machinery & equipment



steelwork



other end-use markets



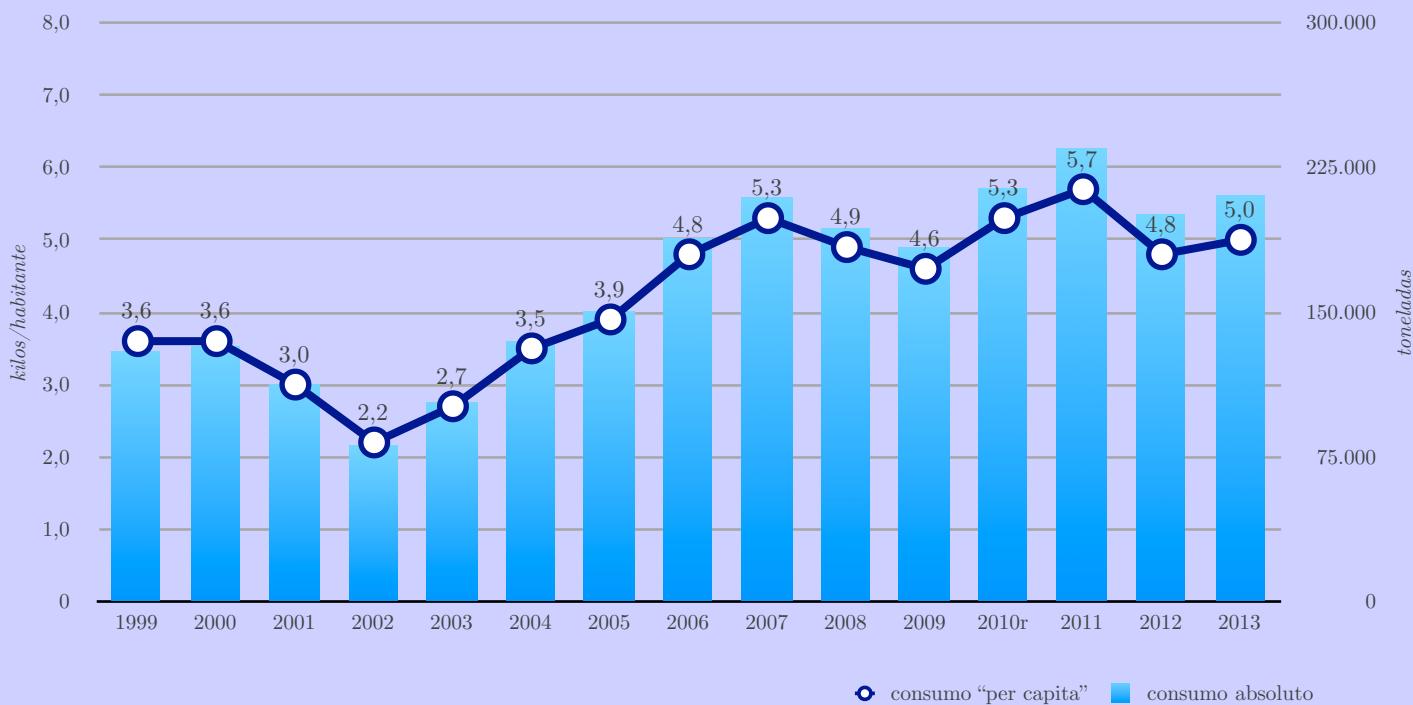
consumo doméstico

evolución del consumo “per capita” [ton]



descripción	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
+ producción primario [ton]	204.600	263.744	245.052	268.806	272.252	271.675	270.580	277.779	292.700	399.715	406.700	417.056	420.255	408.240	436.607
+ importación primario [ton]	4.445	3.225	3.175	1.037	1.750	2.360	1.922	4.748	4.661	3.998	10.328	7.406	13.834	14.583	19.841
± Δ stock primario [ton]	-2.859	-2.736	35	-6.600	-11.123	2.509	-13.719	12.276	-1.551	20.607	-14.000	-3.019	-3.546	8.045	1.147
+ importación elaborado [ton]	53.548	54.356	48.086	22.681	17.873	22.973	27.986	33.986	36.834	42.829	42.620	56.944	60.477	56.501	54.144
+ recuperación secundario [ton]	23.312	35.039	28.383	27.877	35.052	38.664	44.694	48.084	54.944	43.265	39.133	60.231	38.232	26.045	17.669
— exportación primario [ton]	123.596	187.859	182.532	200.519	199.866	163.084	168.511	131.070	151.459	243.009	288.521	287.606	254.392	246.964	267.786
— exportación elaborado [ton]	35.217	38.181	28.979	45.007	35.068	35.182	39.497	32.465	29.410	32.448	34.026	39.124	47.226	49.632	48.837
= consumo aparente [ton]	129.951	133.060	113.150	81.475	103.116	134.897	150.893	188.786	209.821	193.743	190.234	217.926	234.726	200.728	210.491
población [millones de habitantes]	36,4	36,8	37,2	37,5	37,9	38,2	38,6	39,0	39,4	39,8	40,1	40,5	40,9	41,4	41,9
consumo “per capita” [kilos/hab.]	3,6	3,6	3,0	2,2	2,7	3,5	3,9	4,8	5,3	4,9	4,7	5,4	5,7	4,8	5,0

evolución del consumo doméstico “per capita”



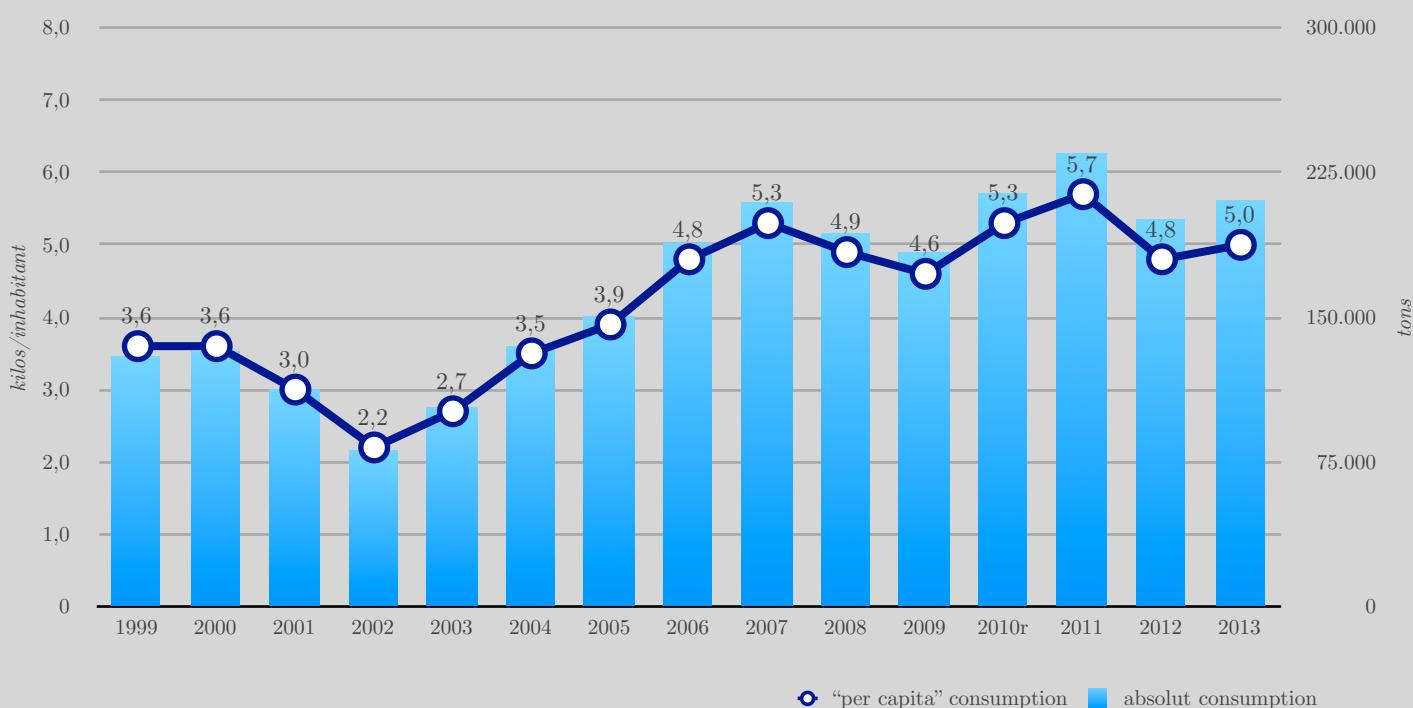
domestic consumption

evolution of “per capita” consumption [ton]



description	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
+ ingot production [ton]	204.600	263.744	245.052	268.806	272.252	271.675	270.580	277.779	292.700	399.715	406.700	417.056	420.255	408.240	436.607
+ imports of ingots [ton]	4.348	2.632	2.520	624	1.590	2.163	1.543	4.164	4.149	3.592	3.440	3.519	13.833	14.583	19.841
± ingot inventory change [ton]	-2.859	-2.736	35	-6.600	-11.123	2.509	-13.719	12.276	-1.551	20.607	-14.000	-3.019	-3.546	8.045	1.147
+ imports of mill products [ton]	53.548	54.356	48.086	22.681	17.873	22.973	27.986	33.986	36.834	42.829	42.620	56.944	60.477	56.501	54.144
+ recovery of secondary [ton]	23.312	35.039	28.383	27.877	35.052	38.664	44.694	48.084	54.944	43.265	39.133	60.231	38.232	26.045	17.669
— exports of ingots [ton]	123.596	187.859	182.532	200.519	199.866	163.084	168.511	131.070	151.459	243.009	288.521	287.606	254.392	246.964	267.786
— exports of mill products [ton]	35.217	38.181	28.979	45.007	35.068	35.182	39.497	32.465	29.410	32.448	34.026	39.124	47.226	49.632	48.837
= apparent consumption [ton]	129.854	132.467	112.495	81.062	102.956	134.700	150.514	188.202	209.309	193.337	183.346	214.039	234.725	200.728	210.491
population [million inhabitants]	36,4	36,8	37,2	37,5	37,9	38,2	38,6	39,0	39,4	39,8	40,1	40,5	40,9	41,4	41,9
“per capita” consumption [kg/inhab.]	3,6	3,6	3,0	2,2	2,7	3,5	3,9	4,8	5,3	4,9	4,6	5,3	5,7	4,8	5,0

Evolution of “per capita” consumption



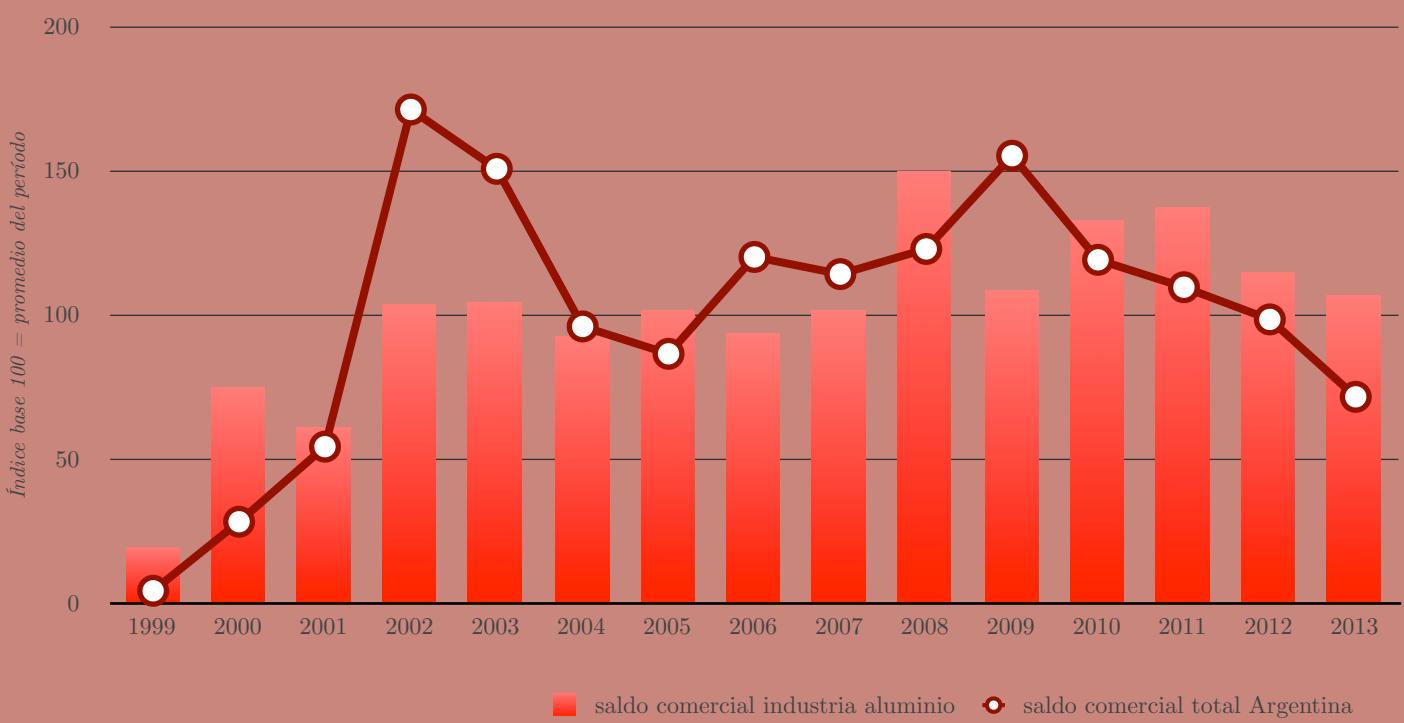
comercio exterior

evolución del saldo comercial [millones de dólares de 2013]



descripción	año														
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
exportaciones capítulo 76	342	535	449	471	477	466	526	545	613	829	611	808	878	728	733
importaciones capítulo 76	270	256	222	85	88	121	148	196	234	270	207	313	366	300	335
saldo comercial capítulo 76	72	279	227	386	389	345	378	349	379	559	404	495	512	428	398
saldo comercial total Argentina	517	3.546	6.837	21.624	19.023	12.109	10.910	15.158	14.406	15.509	19.599	15.032	13.831	12.419	9.024

evolución del saldo comercial (base 100 = promedio del período)



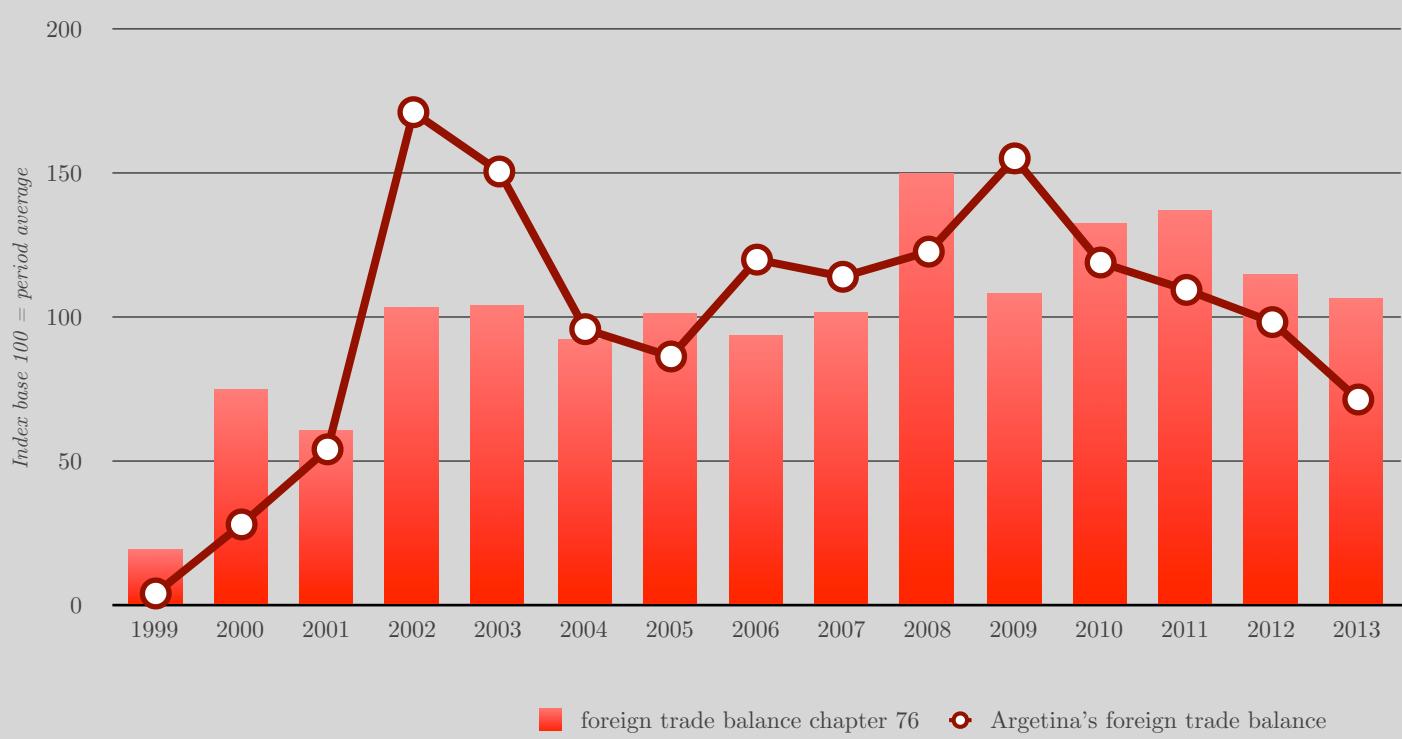
foreign trade

evolution of foreign trade balance [2012 million dollars]



description	year														
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
exports chapter 76	342	535	449	471	477	466	526	545	613	829	611	808	878	728	733
imports chapter 76	270	256	222	85	88	121	148	196	234	270	207	313	366	300	335
chapter 76 foreign trade balance	72	279	227	386	389	345	378	349	379	559	404	495	512	428	398
Argentina's foreign trade balance	517	3.546	6.837	21.624	19.023	12.109	10.910	15.158	14.406	15.509	19.599	15.032	13.831	12.419	9.024

evolution of foreign trade balance (base 100 = period average)

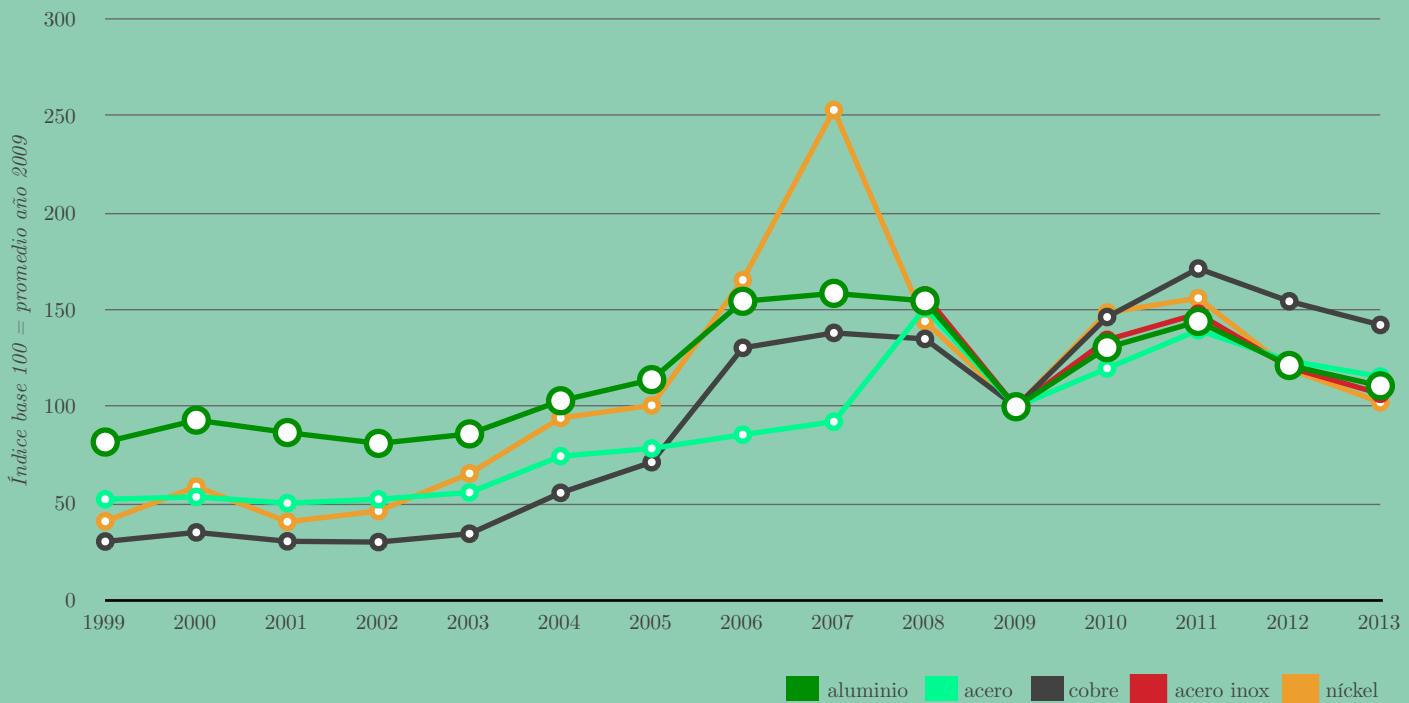


indicadores económicos

indicadores de precios



evolución de los precios internacionales de commodities industriales



evolución del precio del aluminio primario a precios constantes 2013 (IPC Estados Unidos)

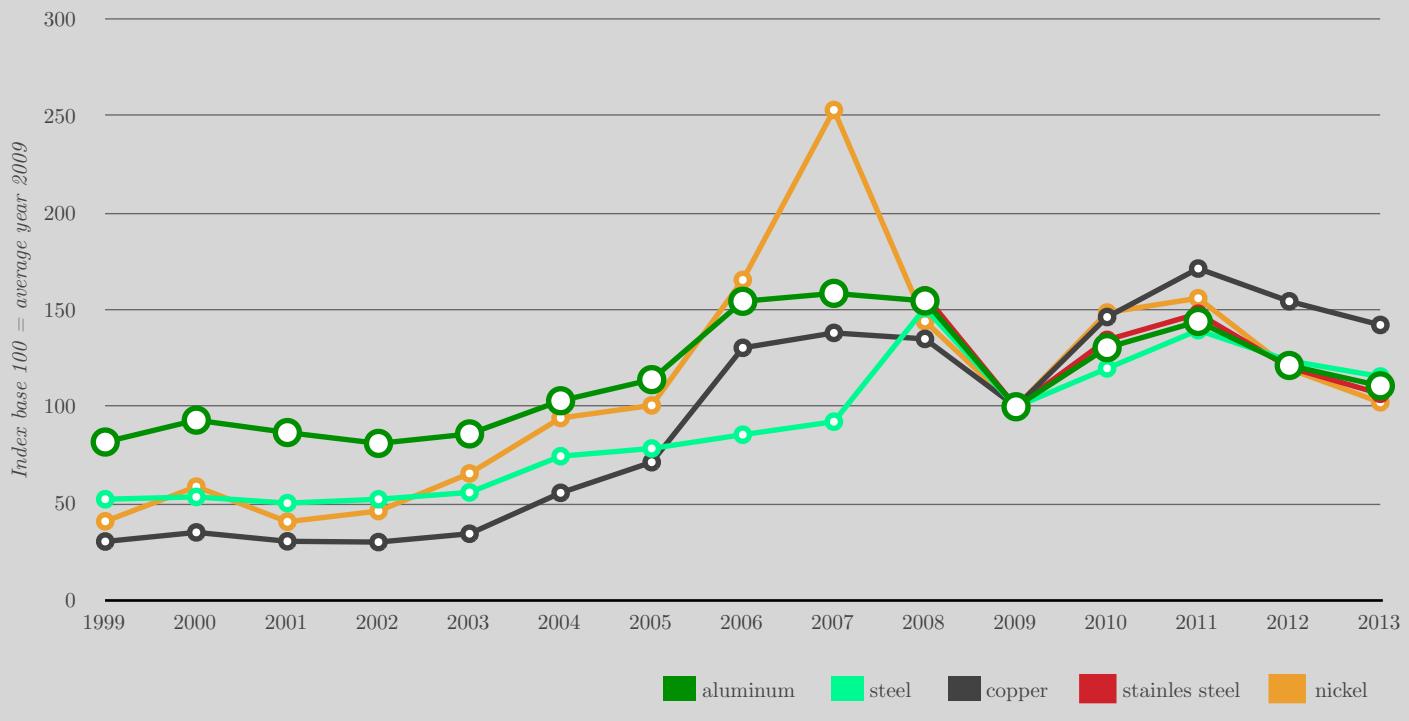


economic figures

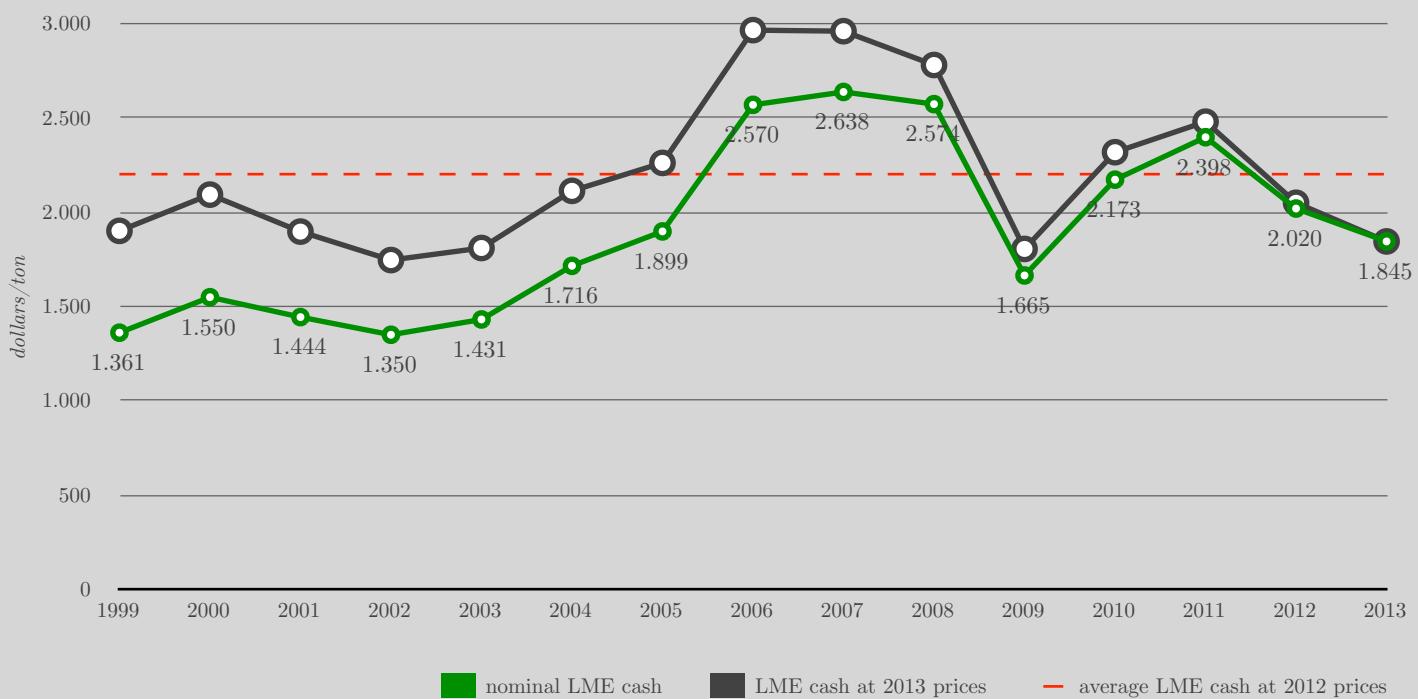
prices index



evolution of industrial commodities international prices



primary aluminum price evolution at 2013 prices (United States PCI)



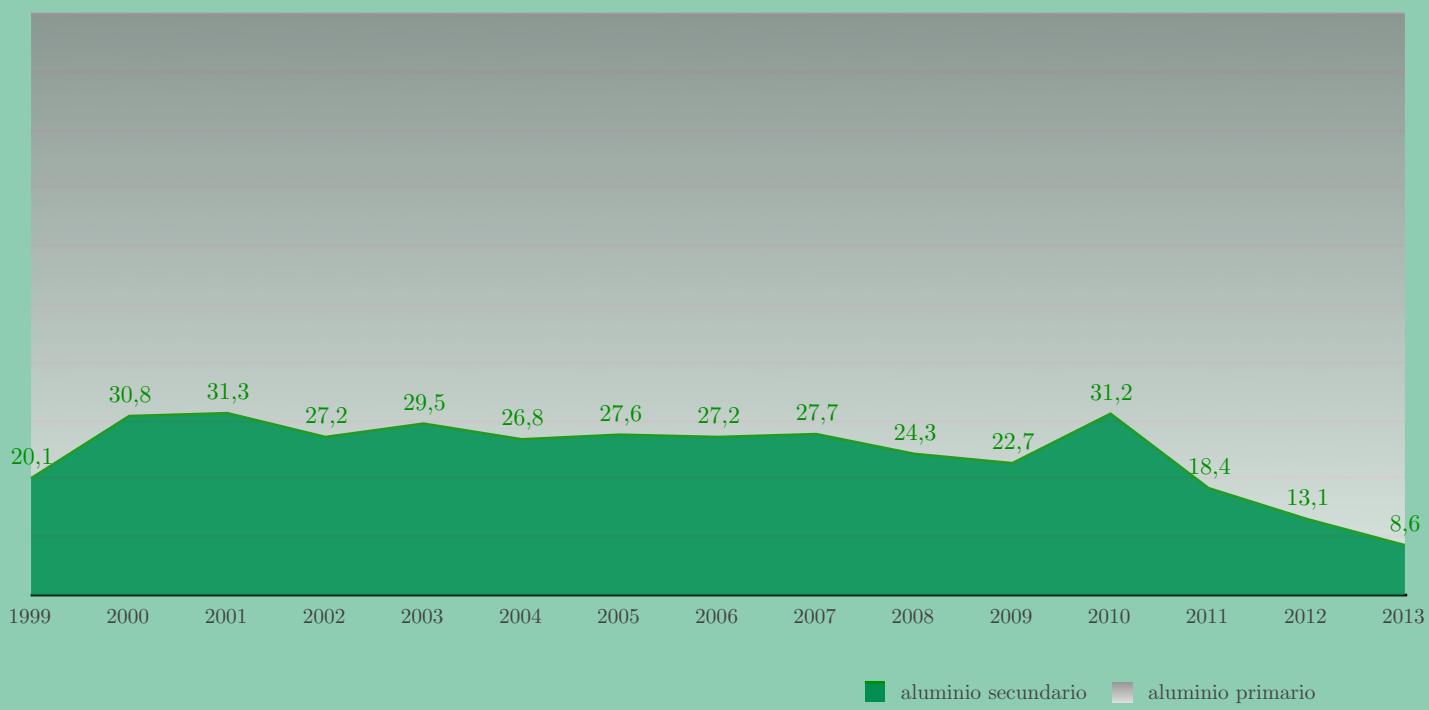
indicadores económicos

indicadores de reciclado [ton]



descripción	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
+ producción elaborado	80.957	75.479	61.889	57.757	83.492	109.562	121.956	144.527	168.481	145.946	137.949	153.576	160.418	148.966	156.347
+ exportación elaborado	35.217	38.181	28.979	45.007	35.068	35.182	39.497	32.465	29.410	32.448	34.026	39.124	47.226	49.632	48.837
= demanda doméstica lingote	116.174	113.660	90.868	102.764	118.560	144.744	161.453	176.992	197.891	178.394	171.975	192.700	207.644	198.598	205.184
— provisión aluminio primario	92.862	78.621	62.485	74.887	83.508	106.080	116.759	128.908	142.947	135.129	132.842	132.469	169.412	172.553	187.515
= provisión aluminio secundario	23.312	35.039	28.383	27.877	35.052	38.664	44.694	48.084	54.944	43.265	39.133	60.231	38.232	26.045	17.669
% lingote reciclado	20,1%	30,8%	31,2%	27,1%	29,6%	26,7%	27,7%	27,2%	27,8%	24,3%	22,8%	31,3%	18,4%	13,1%	8,6%

evolución del consumo doméstico de aluminio secundario [% de la provisión total]



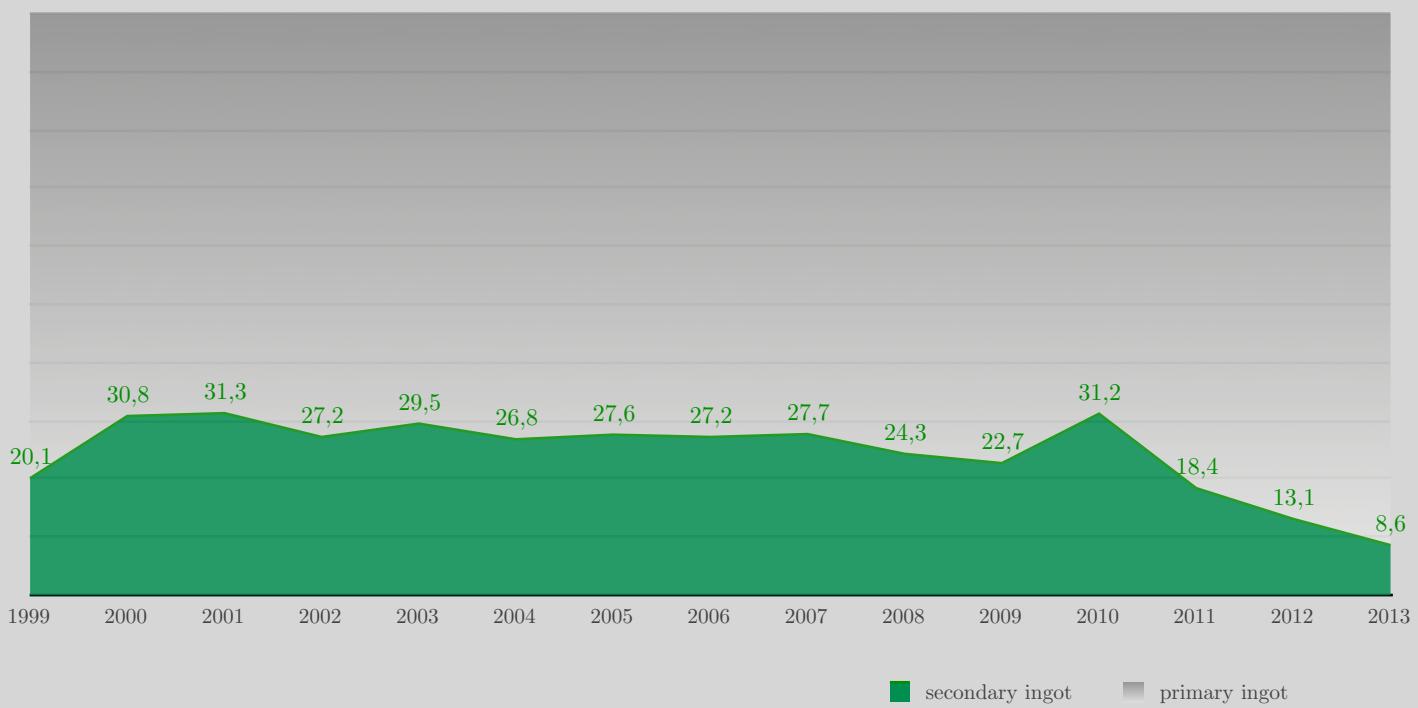
economic figures

recycling indexes [ton]



description	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
+ mill products production	80.957	75.479	61.889	57.757	83.492	109.562	121.956	144.527	168.481	145.946	137.949	153.576	160.418	148.966	156.347
+ mill products exports	35.217	38.181	28.979	45.007	35.068	35.182	39.497	32.465	29.410	32.448	34.026	39.124	47.226	49.632	48.837
= ingot domestic demand	116.174	113.660	90.868	102.764	118.560	144.744	161.453	176.992	197.891	178.394	171.975	192.700	207.644	198.598	205.184
— primary ingot provision	92.862	78.621	62.485	74.887	83.508	106.080	116.759	128.908	142.947	135.129	132.842	132.469	169.412	172.553	187.515
= secondary ingot provision	23.312	35.039	28.383	27.877	35.052	38.664	44.694	48.084	54.944	43.265	39.133	60.231	38.232	26.045	17.669
% recycled ingot	20,1%	30,8%	31,2%	27,1%	29,6%	26,7%	27,7%	27,2%	27,8%	24,3%	22,8%	31,3%	18,4%	13,1%	8,6%

evolution of domestic consumption of secondary aluminium [% of total provision]



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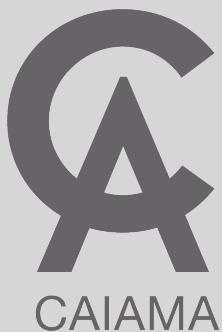
	laminación	extrusión	fundición
construcción civil	flejes para cielorrasos; chapas para techos; membranas para techos; chapas para recubrir frentes; chapas de uso arquitectónico; chapas antideslizantes; paneles compuestos.	perfles para puertas y ventanas; perfles para aplicaciones arquitectónicas; perfles para cielorrasos; perfles para carteles.	chapas aluminizadas, piezas fundidas para radiadores para calefacción.
envases	hojas delgadas (foil) desnudas y compuestas para envases de alimentos, cigarrillos, etc.; tejos para aerosoles y pomos; chapas para envases de bebidas; chapas para tapas de envases y botellas.	(no hay productos identificados)	(no hay productos identificados)
transporte	chapas para camiones tanque; chapas para carrocería; flejes y foil (hojas delgadas) para calefactores y radiadores de vehículos; chapas para señales viales.	tubos para radiadores; perfles para puertas y ventanillas de ómnibus y carrocerías; perfles para pisos de camiones.	llantas de automóviles; pistones, blocks y tapas de motor; autopartes fundidas; chapas aluminizadas.
industria eléctrica	chapas para transformadores; compuestos para telefonía; foil para capacitores; chapas para artefactos y luminaria.	perfles para carcasas de motores eléctricos; perfles para disipadores para electrónica; perfles para "bus bars"; perfles para luminarias.	cables a partir de colada continua; piezas fundidas para industria eléctrica.
bienes de consumo	chapas para heladeras y artículos del hogar; chapas para menaje; hojas delgadas para bandejas descartables; hojas delgadas para uso hogareño; chapas para antenas parabólicas de televisión; flejes para ojalillos.	perfles para antenas de televisión; tubos para heladeras; perfles para mástiles de veleros; tubos para bicicletas; tubos para muebles; perfles para escaleras de aluminio; perfles para exhibidores refrigerados.	mesas y sillas de aluminio fundido; menaje fundido; piezas fundidas para decoración.
máquinas y equipos	flejes para tubos de riego; flejes para intercambiadores de calor; chapas para tanques de almacenamiento; chapas para calderería; foil para aislación; chapas para bandejas para pescado y panaderías.	tubos para riego; perfles para uso industrial.	piezas fundidas para maquinaria industrial; moldes fundidos; placas modelos.
acerías	(no hay productos identificados)	(no hay productos identificados)	posta; granalla; conos; estrellas; lingotes; alambrón.
otros	chapas para chapa patente; todo producto no incluido entre los anteriores.	barras para tornería; tubos para remaches rápidos; todo producto no incluido entre los anteriores.	alambre de soldadura; polvo para pintura y explosivos; polvo para fabricación de productos químicos; todo producto no incluido entre los anteriores.



	rolling	extrusion	casting
building & construction	ceiling coils; ceiling sheet; roof coating; architectural use sheet; anti-slip sheet; composite panel.	doors and windows profiles; architectural application profiles; ceiling profiles; sign-board profiles	aluminized sheet; radiator cast parts.
packaging	foil, backed and not backed for packaging of food, cigarettes, etc.; slugs for aerosols and tubes; can stock; sheets for bottle caps.	(no identified products)	(no identified products)
transportation	sheets for tank trucks; sheets for body-work; coils and foil for radiators; road sign sheets.	radiator tubes; busses windows and doors profiles; truck floor profiles.	automobile rims; pistons; engine blocks; engine covers; cast parts for automobiles; aluminized sheet.
electric industry	transformer and capacitor sheets; foil for telephonic composites; sheets for electrical and lighting appliances.	electric engine housing profiles; electronic dissipating devices profiles; bus bars; profiles for electrical and lighting appliances.	continuous cast cables; cast parts for electric industry.
consumer durables	sheets for refrigerators and other home appliances; cookware sheet; foil for semi-rigid containers; household foil; sheet for parabolic TV antennas; coils for shoe eyelets.	TV antennas profiles; refrigerator tubes; sailboat mast profiles; bicycle profiles; furniture tubes; ladder profiles; refrigerated exhibitors profiles.	cast chairs and tables; cast cookware; cast decoration parts.
machinery & equipment	coils for irrigation piping; industrial heat exchanger coils; tank sheet; caldron sheet; coils for insulation; fish and bakery tray sheet.	irrigation piping tubes; industrial use profiles.	cast parts for industrial machinery; cast molds.
steelwork	(no identified products)	(no identified products)	products for steel deoxidization.
others	car plate sheets; every product not included above.	every product not included above.	welding wire; paint and explosive powders; chemical product powders; every product not included above.

industria del aluminio en Argentina

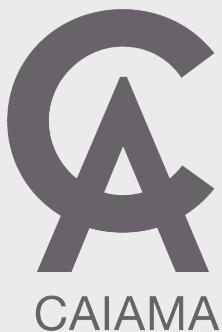
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aluminum industry in Argentina

2013 statistical yearbook



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