

21 February 2023

Industrial Turnover Indices (ITI). Base 2015

December 2022. Provisional data

The monthly variation of the Total Industrial Turnover Index¹ stands at -0.4%, after seasonal and calendar adjustment

The annual rate stands at 14.5% in the seasonal and calendar adjusted series and at 8.6% in the original series

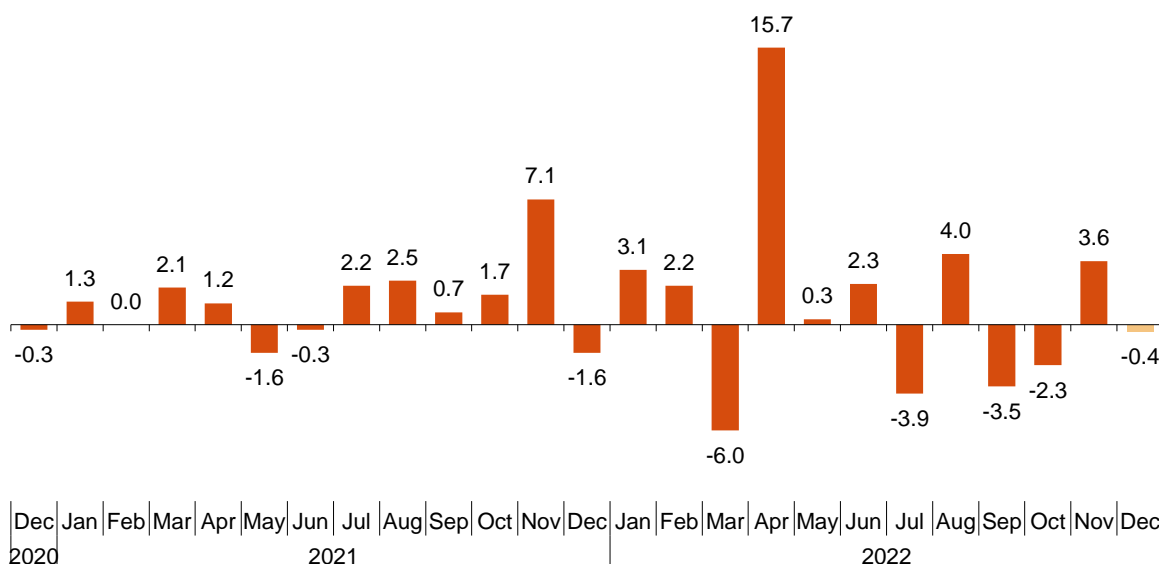
Throughout the year 2022, the business turnover increases by 21.4% in the adjusted series and 20.6% in the original series

Monthly trend of the Industrial Turnover

The monthly variation of the seasonally and calendar adjusted Total Industrial Turnover Index between the months of December and November, stood at -0.4%. This rate was four points lower than the previous month.

Industrial Turnover Index, Total. Seasonally and calendar adjusted

Monthly rate. Percentage



¹ As indicated in the methodology of this value index, the information is presented in current terms (nominal terms), this is, without adjusting the price variation effects.

By Main Industrial Groupings (MIGs), *Durable consumer goods* (5.9%), *Energy*² (5.7%) and *Intermediate goods* (0.8%) showed positive monthly rates. On the other hand, *Capital goods* (-2.6%) and *Non-durable consumer goods* (-1.9%) showed negative monthly rates.

Industrial Turnover Indices, Total and by MIGs. Seasonally and calendar adjusted. December 2022. Monthly rate. Percentage



¹ Except electricity, gas, steam, air conditioning and water supply.

A more detailed analysis showed the branches of activity with the highest and the lowest monthly rates in the month of December.

Branches of activity with the highest monthly rates of the Industrial Turnover Index. Seasonally and calendar adjusted

Branch of activity (Division of the CNAE 2009)	Monthly rate (%)
Manufacture of furniture	14.3
Manufacture of coke and refined petroleum products	5.4
Manufacture of beverages	4.3

Branches of activity with the lowest monthly rates of the Industrial Turnover Index. Seasonally and calendar adjusted

Branch of activity (Division of the CNAE 2009)	Monthly rate (%)
Manufacture of tobacco	-23.1
Manufacture of other transport material	-23.1
Metallurgy; manufacture of iron, steel and ferro-alloy products	-5.0

² Except electricity, gas, steam, air conditioning and water supply.

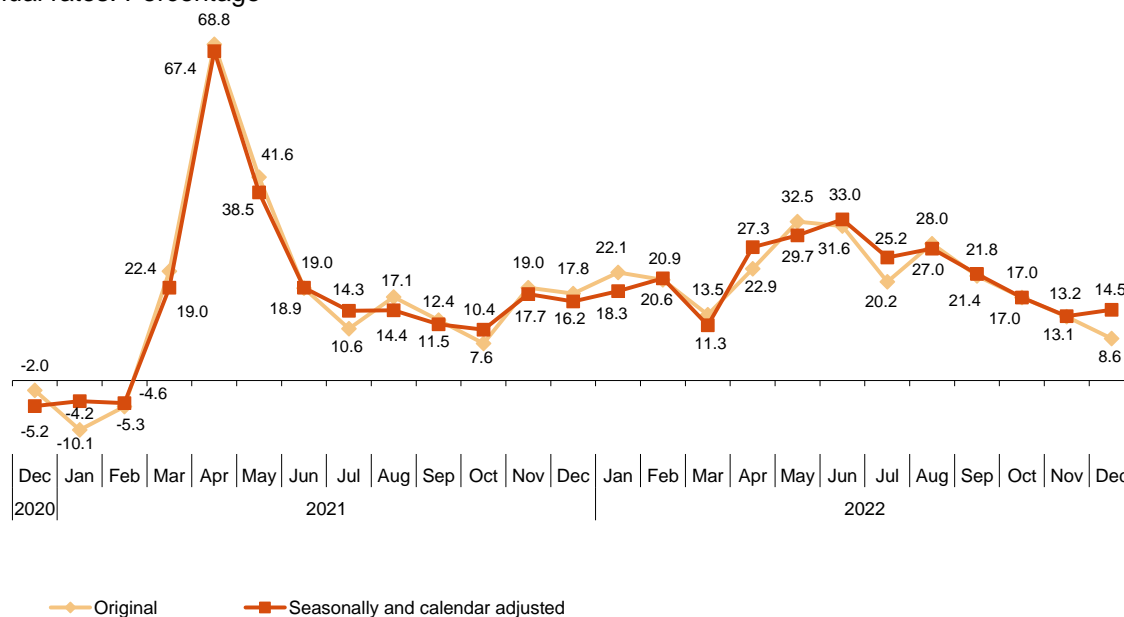
Annual trend of the Industrial Turnover Indices

The Total Industrial Turnover Index, once adjusted for seasonal and calendar effects, showed a variation of 14.5% in December, as compared with the same month of the previous year. This rate was 1.3 points higher than the one registered in November.

The ITI original series registered an annual variation of 8.6%. This rate was 4.5 points lower than the one in November.

Industrial Turnover Index, Total. Seasonally and calendar adjusted

Annual rates. Percentage



By MIGs, the seasonally and calendar adjusted indices registered positive annual rates in five of five of the analysed sectors, highlighting the increase in *Energy*² (23.2%).

Industrial Turnover Index, Total and by MIGs.

	Unadjusted index	Seasonally and calendar adjusted index	
	Annual rate (%)	Annual rate (%)	Average year 2022
GENERAL INDEX	8.6	14.5	21.4
1. Consumer goods	14.0	20.9	17.7
1.1. Durable consumer goods	13.1	20.4	14.4
1.2. Non-durable consumer goods	14.1	20.8	17.7
2. Capital goods	8.0	14.3	11.4
3. Intermediate goods	1.0	7.7	18.3
4. Energy ¹	21.2	23.2	80.0

¹ Except electricity, gas, steam, air conditioning and water supply.

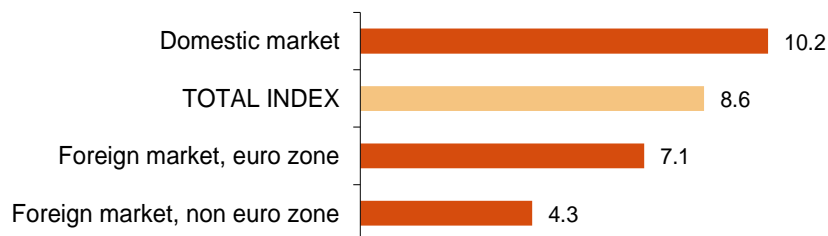
Throughout the year 2022, the industrial Turnover Index, once adjusted for seasonal and calendar effects, increased by 21.4% as compared with 2021, and by 20.6% in the original series.

All the analysed sectors showed positive annual rates, once adjusted for seasonal and calendar effects, highlighting the increase in *Energy*² (80.0%).

Annual trend of the Industrial Turnover Indices by market. Original series

In December all markets showed positive annual rates. It is worth noting the increase registered in the domestic market (10.2%).

Industrial Turnover Index, Total and by market December 2022. Annual rate. Percentage



Throughout the year 2022, all markets showed positive annual rates as compared with 2021. The highest increase was registered in the domestic market (22.9%).

Industrial Turnover Index, Total and by market. Original series. December 2022

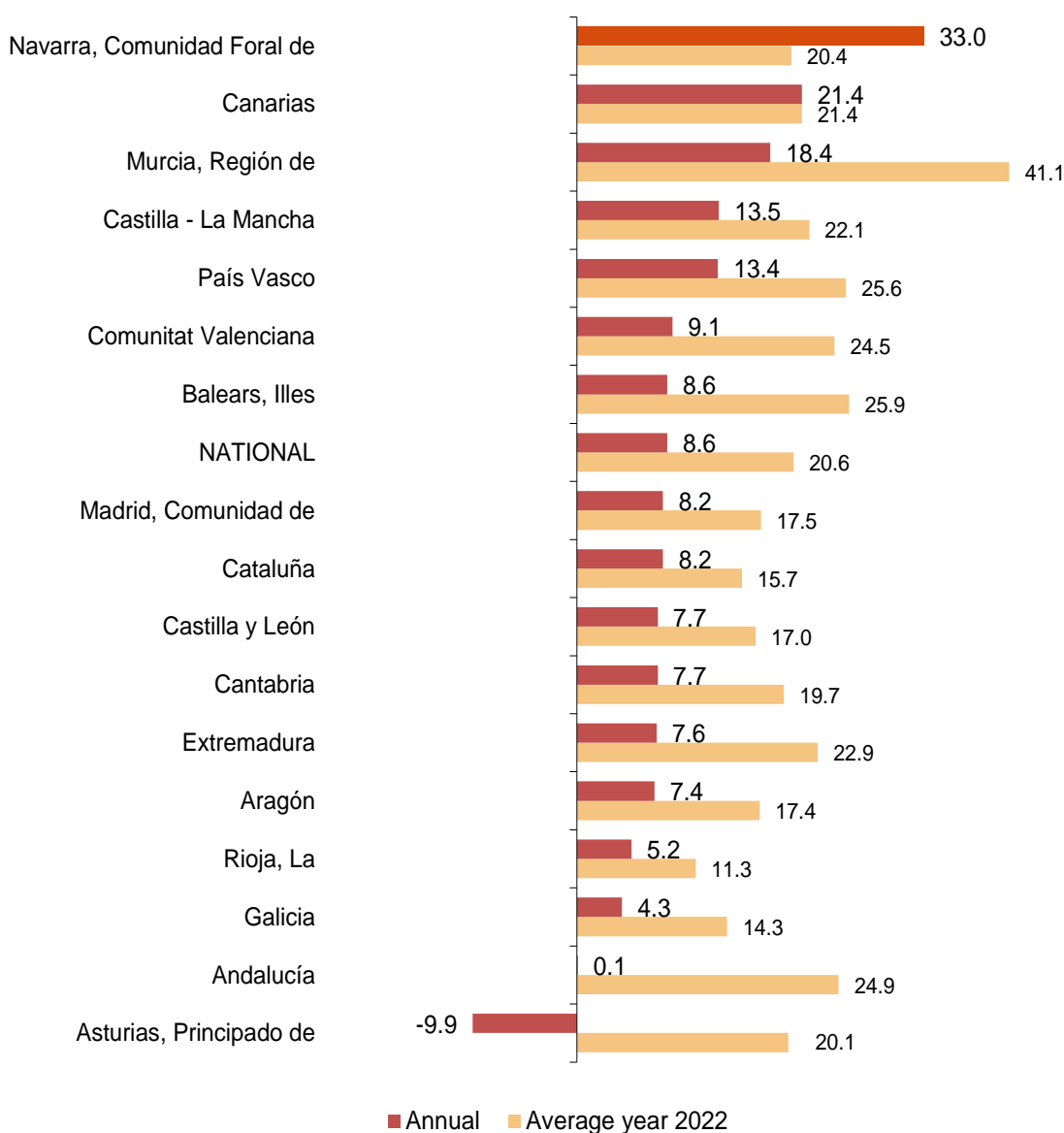
	Rate (%)	
	Annual	Average year
GENERAL INDEX	8.6	20.6
1. Domestic market	10.2	22.9
2. Foreign market	5.9	16.2
2.1. Foreign market, euro zone	7.1	16.6
2.2. Foreign market, non euro zone	4.3	15.0

Results by Autonomous Community. Annual rates of the Industrial Turnover. Original series

Turnover increased as compared to December 2021 in 16 Autonomous Communities and decreased only in one. The largest increases were recorded in Comunidad Foral de Navarra (33.0%), Canarias (21.4%) and Región de Murcia (18.4%). The only decrease was recorded in Principado de Asturias (-9.9%).

Throughout the year 2022, the turnover increased in all the autonomous communities. The largest increases were recorded in Región de Murcia (41.1%), Illes Balears (25.9%) and País Vasco (25.6%). The smallest in La Rioja (5.2%), Galicia (4.3%) y Cataluña (8.2%).

Industrial Turnover Index, Total and by Autonomous Community December 2022. Annual rate and annual average. Percentage



Revisions and data update

On the press release day, INE has updated ITI data series corresponding to the last 13 months. In the case of calendar adjusted and seasonally and calendar adjusted series, according to INE standard, series are revised since its beginning. Results are available at INEBase.

Methodological note

Industrial Turnover Indices (ITI) are short-term indicators aiming at measuring the monthly evolution of the industrial sector, excluding the construction.

The required information is collected since January 2002, together with the Industrial New Orders Received Indices (INORI) through a survey addressed to more than 12.000 industrial establishments throughout the country.

Survey Type: ongoing monthly.

Base year: 2015.

Population scope: units of economic activity whose main activity is included in Sections B: Extractive industries (with the exception, due to their not being relevant to Spanish industry, of division 09) or C: Manufacturing industry of CNAE-2009.

Geographical scope: the whole country, excluding Ceuta and Melilla.

Sample size: Approx. 12,000 establishments.

Data collection: monthly, value of total business turnover broken down by market.

Collection method: fill in a questionnaire by the respondent using one of the following methods: internet (IRIA system), email, fax, telephone or post.

Further information is available in the methodology:

http://www.ine.es/dyngs/INEbase/en/operacion.htm?c=Estadistica_C&cid=1254736148782&menu=metodologia&idp=1254735576715

And in the standardised methodological report:

<http://www.ine.es/dynt3/metadatos/en/RespuestaDatos.html?oe=30052>

INE's statistics are produced according to the European Statistics Code of Practice, that underlies the policy and strategy of the institution quality. For further information, take a look at the section [Quality at INE and Code of Practice](#) at INE Website.

For further information see INEbase: www.ine.es/en/ Twitter: @es_ine

All press releases at: www.ine.es/en/prensa/prensa_en.htm

Press office: Telephone numbers: (+34) 91 583 93 63 /94 08 – gprensa@ine.es

Information Area: Telephone number: (+34) 91 583 91 00 – www.ine.es/infoine/?L=1

Industrial Turnover Index. Base 2015 December 2022

Provisional data

1. Turnover indices¹ Seasonally and calendar adjusted

	Index	Rate (%)		Average year 2022
		Monthly	Annual	
TOTAL INDEX	145.0	-0.4	14.5	21.4
1. Consumer goods	143.1	-1.1	20.9	17.7
1.1. Durable consumer goods	141.1	5.9	20.4	14.4
1.2. Non-durable consumer goods	143.3	-1.9	20.8	17.7
2. Capital goods	122.1	-2.6	14.3	11.4
3. Intermediate goods	152.9	0.8	7.7	18.3
4. Energy ²	195.0	5.7	23.2	80.0

¹ Regulation (EC) no. 656/2007 of the Commission of 14 June 2007.

² Except electricity, gas, steam, air conditioning and water supply.

2. Turnover indices¹ Calendar adjusted

	Index	Rate (%)	
		Annual	Average year 2022
TOTAL INDEX	136.7	14.5	21.4
1. Consumer goods	140.3	20.9	17.5
1.1. Durable consumer goods	132.2	21.4	14.5
1.2. Non-durable consumer goods	140.7	20.6	17.7
2. Capital goods	125.8	14.3	11.3
3. Intermediate goods	129.1	7.2	18.6
4. Energy ²	194.2	23.0	81.2

¹ Regulation (EC) no. 656/2007 of the Commission of 14 June 2007.

² Except electricity, gas, steam, air conditioning and water supply.

3. Turnover indices, Total and by activities Unadjusted

	Index	Rate (%)		Effect
		Annual	Average year 2022	Annual
TOTAL INDEX	134.8	8.6	20.6	
1. CONSUMER GOODS	138.1	14.0	16.7	4.218
1.1. Durable consumer goods	129.6	13.1	13.6	0.222
- Manufacture of consumer electronics, optical instruments and photographic equipment	153.1	18.6	25.8	0.009
- Manufacture of household appliances	105.7	23.6	8.4	0.092
- Manufacture of motorcycles, bicycles, vehicles for the disabled and others	217.6	4.2	27.9	0.005
- Manufacture of furniture	133.7	12.2	11.9	0.121
- Manufacture of jewellery, costume jewellery and musical instruments	146.6	-1.8	31.3	-0.003
1.2. Non-durable consumer goods	138.7	14.1	16.9	3.996
- Food industries (except grain mill products and food for animals)	149.0	16.0	18.3	2.773
- Manufacture of beverages	136.3	14.5	16.3	0.480
- Manufacture of tobacco	53.4	-5.4	-1.7	-0.003
- Manufacture of knitted fabrics, carpets, rope, non-woven fabrics, textile products for technical use and industrial and other textile products	101.6	-1.7	9.0	-0.010
- Manufacture of garments	106.9	6.9	17.6	0.056
- Leather and footwear industry	85.7	6.5	21.8	0.042
- Graphic arts and reproduction of recorded media	98.9	4.4	15.7	0.041
- Manufacture of cleaning articles, perfumes and cosmetics	143.1	12.8	16.2	0.194
- Manufacture of pharmaceutical products	142.0	14.5	12.7	0.420
- Manufacture of sporting goods; games and toys and Other manufacturing industries	100.5	0.9	7.5	0.003
2. CAPITAL GOODS	123.9	8.0	10.6	1.897
- Manufacture of metal products for construction, containers made of metal, steam generators, weapons and ammunition	146.5	8.8	19.1	0.209
- Manufacture of computers, peripherals and telecommunications equipment; appliances for measuring and navigation; radiation and medical and therapeutic equipment	180.3	8.1	0.4	0.060
- Manufacture of machinery and equipment n.e.c.	151.0	8.7	6.7	0.385
- Manufacture of motor vehicles, trailers and semi-trailers	98.9	13.6	10.6	1.348
- Naval, railway, aircraft and spacecraft construction. Combat vehicles	158.3	0.2	14.3	0.007
- Manufacture of medical and dental instruments and supplies	139.2	-2.4	6.4	-0.010
- Repair and installation of machinery and equipment	160.2	-3.9	8.3	-0.102
3. INTERMEDIATE GOODS	127.3	1.0	17.8	0.355
- Mining of metal ores	.	.	.	.
- Other mining and quarrying	121.0	6.7	23.0	.
- Manufacture of grain mill products, starches, and food for animals	174.1	19.6	25.9	0.668
- Preparation and spinning of textile fibres. Manufacture of woven textiles. Textile finishings	85.3	-6.9	9.1	-0.025
- Wood and cork industry	130.9	-8.5	16.1	-0.125
- Paper industry	133.2	-0.9	24.2	-0.025
- Chemical industry except cleaning articles, perfumes and cosmetics	118.4	-11.9	18.0	-0.866
- Rubber and plastic material transformation industry	108.1	4.1	14.9	0.144
- Manufacture of other non-metallic ore products	139.2	7.5	17.7	0.269
- Metallurgy; manufacture of iron, steel and ferro-alloy products	108.8	-11.8	15.4	-0.720
- Forging, stamping, embossing and rolling of metals. - Manufacture of tools, hardware goods, containers and other metal products	117.6	7.9	18.3	0.301
- Manufacture of electronic components, assembled printed circuits, and magnetic and optical media	163.6	13.2	17.6	0.035
- Manufacture of electrical material and equipment except household appliances	162.8	22.9	14.6	0.658
4. ENERGY¹	193.5	21.2	80.8	2.093
- Extraction of anthracite, coal and lignite	.	.	.	.
- Extraction of crude oil, petroleum and natural gas	.	.	.	.
- Manufacture of coke and refined petroleum products	195.0	21.2	80.8	2.093

¹ Except electricity, gas, steam, air conditioning and water supply.

(.) Data not available due to statistical confidentiality.

4. Turnover indices, Total and by branch of activity Unadjusted

	Index	Rate (%)		Effect Annual
		Annual	Average year 2022	
TOTAL INDEX	134.8	8.6	20.6	
B. Mining and quarrying industries	135.4	5.7	13.5	0.041
Extraction of anthracite, coal and lignite	.	.	.	.
Extraction of crude oil, petroleum and natural gas	.	.	.	.
Mining of metal ores	.	.	.	.
Other mining and quarrying	121.0	6.7	23.0	.
C. Manufacturing industry	134.8	8.6	20.7	8.524
Food industry	152.7	16.6	19.5	3.441
Manufacture of beverages	136.3	14.5	16.3	0.480
Manufacture of tobacco	53.4	-5.4	-1.7	-0.003
Textile industry	94.7	-3.8	9.0	-0.034
Manufacture of garments	106.9	6.9	17.6	0.056
Leather and footwear industry	85.7	6.5	21.8	0.042
Manufacture of wood and of products of wood and cork, except furniture; base	130.9	-8.5	16.1	-0.125
Paper industry	133.2	-0.9	24.2	-0.025
Graphic arts and reproduction of recorded media	98.9	4.4	15.7	0.041
Manufacture of coke and refined petroleum products	195.0	21.2	80.8	2.093
Chemical industry	122.9	-7.7	17.7	-0.672
Manufacture of pharmaceutical products	142.0	14.5	12.7	0.420
Rubber and plastic material transformation industry	108.1	4.1	14.9	0.144
Manufacture of other non-metallic ore products	139.2	7.5	17.7	0.269
Metallurgy; manufacture of iron, steel and ferro-alloy products	108.8	-11.8	15.4	-0.720
Manufacture of metal products, except machinery and equipment	127.4	8.3	18.5	0.510
Manufacture of computer, electronic and optical products	174.2	9.8	6.7	0.104
Manufacture of electrical material and equipment	152.9	23.0	13.7	0.749
Manufacture of machinery and equipment n.e.c.	151.0	8.7	6.7	0.385
Manufacture of motor vehicles, trailers and semi-trailers	98.9	13.6	10.6	1.348
Manufacture of other transport material	159.8	0.3	14.9	0.012
Manufacture of furniture	133.7	12.2	11.9	0.121
Other manufacturing industries	123.4	-1.1	10.4	-0.010
Repair and installation of machinery and equipment	160.2	-3.9	8.3	-0.102

(.) Data not available due to statistical confidentiality.

5. Turnover indices, Total and by branch of activity Unadjusted

	Index	Rate (%)	
		Annual	Average year 2022
GENERAL INDEX	134.8	8.6	20.6
1. Domestic market	139.7	10.2	22.9
2. Non domestic market	125.7	5.9	16.2
2.1. Non domestic market, euro area	117.6	7.1	16.6
2.2. Non domestic market, non euro area	137.0	4.3	15.0

**6. Turnover indices, National and by Autonomous Community
Unadjusted**

	Index	Rate (%)	
		Annual	Average year 2022
NATIONAL	134.8	8.6	20.6
Andalucía	141.3	0.1	24.9
Aragón	123.7	7.4	17.4
Asturias, Principado de	143.1	-9.9	20.1
Balears, Illes	97.0	8.6	25.9
Canarias	132.1	21.4	21.4
Cantabria	122.5	7.7	19.7
Castilla y León	117.4	7.7	17.0
Castilla - La Mancha	146.8	13.5	22.1
Cataluña	127.5	8.2	15.7
Comunitat Valenciana	132.0	9.1	24.5
Extremadura	155.9	7.6	22.9
Galicia	142.5	4.3	14.3
Madrid, Comunidad de	132.0	8.2	17.5
Murcia, Región de	200.4	18.4	41.1
Navarra, Comunidad Foral de	153.6	33.0	20.4
País Vasco	130.1	13.4	25.6
Rioja, La	102.5	5.2	11.3