

15 December 2015

Industrial Companies Survey
Year 2014

Industrial turnover increases 1.7% in the year 2014 and stands at 571,922 million euros

***Repair and installation of machinery and equipment* registers the highest increase in turnover (15.5%), while *Petroleum industry* presents the highest decrease (-8.1%)**

29.7% of sales of the industrial sectors were made to countries outside of the European Union, that is, 1.0 points more than in the previous year

The turnover for companies in the industry sector reached 571,922 million euros in 2014, with an increase of 1.7%, as compared to the previous year¹.

Investment in tangible assets for industrial companies increased in 2014 by 1.3% up to 18,073 million euros.

The added value generated in 2014 by industrial companies stood at 127,547 million euros, 2.5% more as compared to the previous year.

Main variables¹. Year 2014

| Variables | Value | Annual variation (%) |
|---|--------------|-----------------------------|
| Turnover | 571,922 | 1.7 |
| Purchases and work carried out by other companies | 382,759 | 2.7 |
| External services | 72,676 | 0.1 |
| Personnel expenditure | 69,659 | -0.6 |
| Investment in tangible assets | 18,073 | 1.3 |
| Gross added value at factor cost | 127,547 | 2.5 |

¹ All the economic variables are calculated at current prices

Results by activity section

79.7% of the total invoicing of the sector in 2014 corresponded to *Manufacturing industry* and 16.6% to companies of *Electricity, gas, steam and air conditioning supply*.

Regarding employment, *Manufacturing industry* employed more than 1.723 million persons, which accounted for 89.2% of the total employed personnel of the sector. The companies of *Water supply, sewerage, waste management and remediation activities* employed 7.7% of the personnel of the sector.

Turnover and employed personnel by activity section. Year 2014

| Activity section | Turnover | | Employed personnel | |
|---|----------------|------------------|--------------------|------------------|
| | Million euros | % over the total | Annual average | % Over the total |
| Mining and quarrying | 3,488 | 0.6 | 20,455 | 1.1 |
| Manufacturing industry | 455,870 | 79.7 | 1,723,688 | 89.2 |
| Electricity, gas, steam and air conditioning supply | 95,139 | 16.6 | 38,907 | 2.0 |
| Water supply, sewerage, waste management and remediation activities | 17,425 | 3.0 | 148,922 | 7.7 |
| TOTAL | 571,922 | 100.0 | 1,931,972 | 100.0 |

Results by branch of activity

The branches of activity with the greatest contribution to the total turnover in 2014 were *Food products* (15.6%), *Electric power generation, transmission and distribution* (12.2%), and *Motor vehicles* (10.1%). In terms of added value, these three branches of activity have the greatest contribution, reaching 33.3% of the total.

The branches that registered the greatest increases were *Repair and installation of machinery* (15.5%) *Motor vehicles* (10.2%) and *Collection, filtering and distribution of water* (7.7%).

In turn, the branches that registered the greatest decreases were *Petroleum industry* (−8.1%), *Water supply, sewerage, waste management and remediation activities* (−5.8%) and *Paper and graphic arts* (−3.5%).

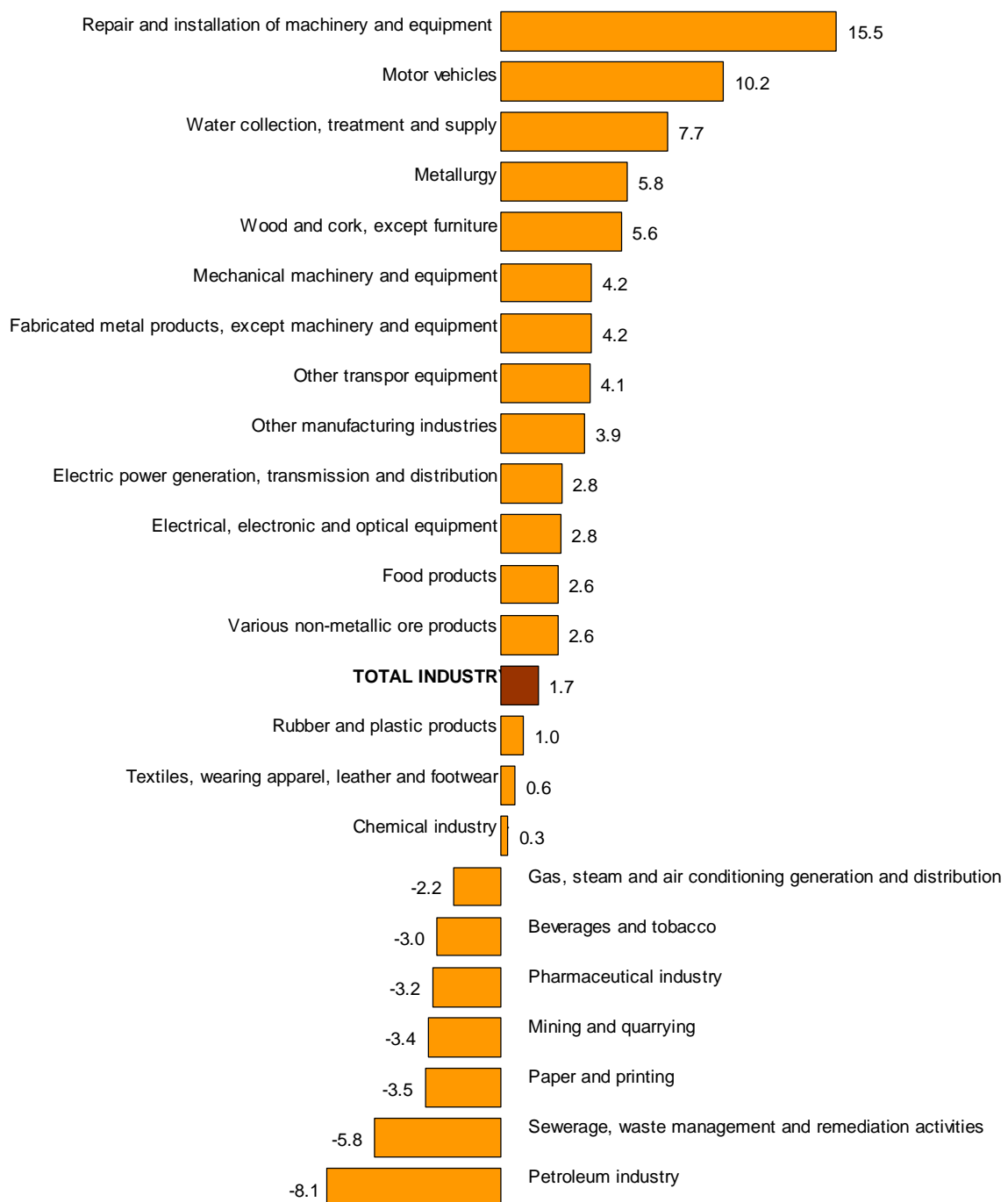
In terms of added value, the branches of activity that registered the highest increases were *Motor vehicles* (18.3%), *Pharmaceutical industry* (17.9%) and *Metallurgy* (13.9%).

Turnover and employed personnel by activity branch. Year 2014

| Branch of activity | Turnover | | | Gross added value (at factor cost) | | |
|--|----------------|------------------|----------------------|---------------------------------------|------------------|----------------------|
| | Million euros | % over the total | Annual variation (%) | Million euros | % over the total | Annual variation (%) |
| Mining and quarrying | 3,488 | 0.6 | -3.4 | 1,381 | 1.1 | -9.1 |
| Manufacturing industry | 455,870 | 79.7 | 1.9 | 97,536 | 76.5 | 4.8 |
| - Food products | 89,451 | 15.6 | 2.6 | 15,705 | 12.3 | 4.2 |
| - Beverages and tobacco | 16,593 | 2.9 | -3.0 | 4,473 | 3.5 | 5.8 |
| - Textiles, wearing apparel, leather and footwear | 14,068 | 2.5 | 0.6 | 3,724 | 2.9 | -1.0 |
| - Wood and cork, except furniture | 5,402 | 0.9 | 5.6 | 1,454 | 1.1 | -0.9 |
| - Paper and printing | 17,699 | 3.1 | -3.5 | 5,029 | 3.9 | -5.7 |
| - Petroleum industry | 48,356 | 8.5 | -8.1 | 1,022 | 0.8 | -37.2 |
| - Chemical industry | 38,174 | 6.7 | 0.3 | 6,995 | 5.5 | 5.9 |
| - Pharmaceutical industry | 13,728 | 2.4 | -3.2 | 4,925 | 3.9 | 17.9 |
| - Rubber and plastic products | 18,418 | 3.2 | 1.0 | 5,363 | 4.2 | 1.8 |
| - Various non-metallic ore products | 14,947 | 2.6 | 2.6 | 4,580 | 3.6 | 5.0 |
| - Metallurgy | 29,637 | 5.2 | 5.8 | 4,296 | 3.4 | 13.9 |
| - Fabricated metal products, except machinery and equipment | 28,808 | 5.0 | 4.2 | 9,683 | 7.6 | 3.6 |
| - Electrical, electronic and optical equipment | 17,640 | 3.1 | 2.8 | 4,630 | 3.6 | 1.7 |
| - Mechanical machinery and equipment | 18,209 | 3.2 | 4.2 | 6,176 | 4.8 | 8.2 |
| - Motor vehicles | 57,493 | 10.1 | 10.2 | 9,918 | 7.8 | 18.3 |
| - Other transport equipment | 11,367 | 2.0 | 4.1 | 3,137 | 2.5 | -6.2 |
| - Other manufacturing industries | 8,547 | 1.5 | 3.9 | 3,002 | 2.4 | 2.2 |
| - Repair and installation of machinery and equipment | 7,334 | 1.3 | 15.5 | 3,425 | 2.7 | 10.4 |
| Electricity, gas, steam and air conditioning supply | 95,139 | 16.6 | 1.4 | 19,669 | 15.4 | -4.1 |
| - Electric power generation, transmission and distribution | 69,912 | 12.2 | 2.8 | 16,802 | 13.2 | -3.4 |
| - Gas, steam and air conditioning generation and distribution | 25,227 | 4.4 | -2.2 | 2,866 | 2.2 | -8.0 |
| Water supply, sewerage, waste management and remediation activities | 17,425 | 3.0 | -1.4 | 8,961 | 7.0 | -4.7 |
| - Water collection, treatment and supply | 6,303 | 1.1 | 7.7 | 2,960 | 2.3 | 1.4 |
| - Sewerage, waste management and remediation activities | 11,122 | 1.9 | -5.8 | 6,000 | 4.7 | -7.4 |
| TOTAL | 571,922 | 100.0 | 1.7 | 127,547 | 100.0 | 2.5 |

In turn, *Petroleum industry* (-37.2%), *Gas, steam and air conditioning supply* (-8.0%) and *Sewerage, waste management and remediation activities* (-7.4%) were the branches of activity with the greatest decreases in added value.

Annual variation (%) in industrial invoicing by branch of activity. Year 2014



Employed personnel and productivity

The productivity (value added per person employed) in the manufacturing industry was 66,019 euros in 2014, that is, 3.4% more than in the previous year. Employed personnel in the sector increased up to 1.932 million persons, that is, 0.9% less than that of the previous year.

Electric power generation, transmission and distribution, due to its special features (high productivity with low workforce), registered the highest levels of productivity.

The *Manufacturing industry* concentrates 89.2% of the total of employed personnel in industrial companies, reached a productivity rate of 56,556 euros by employed person, which showed an increase of 5.5% as compared to the previous year.

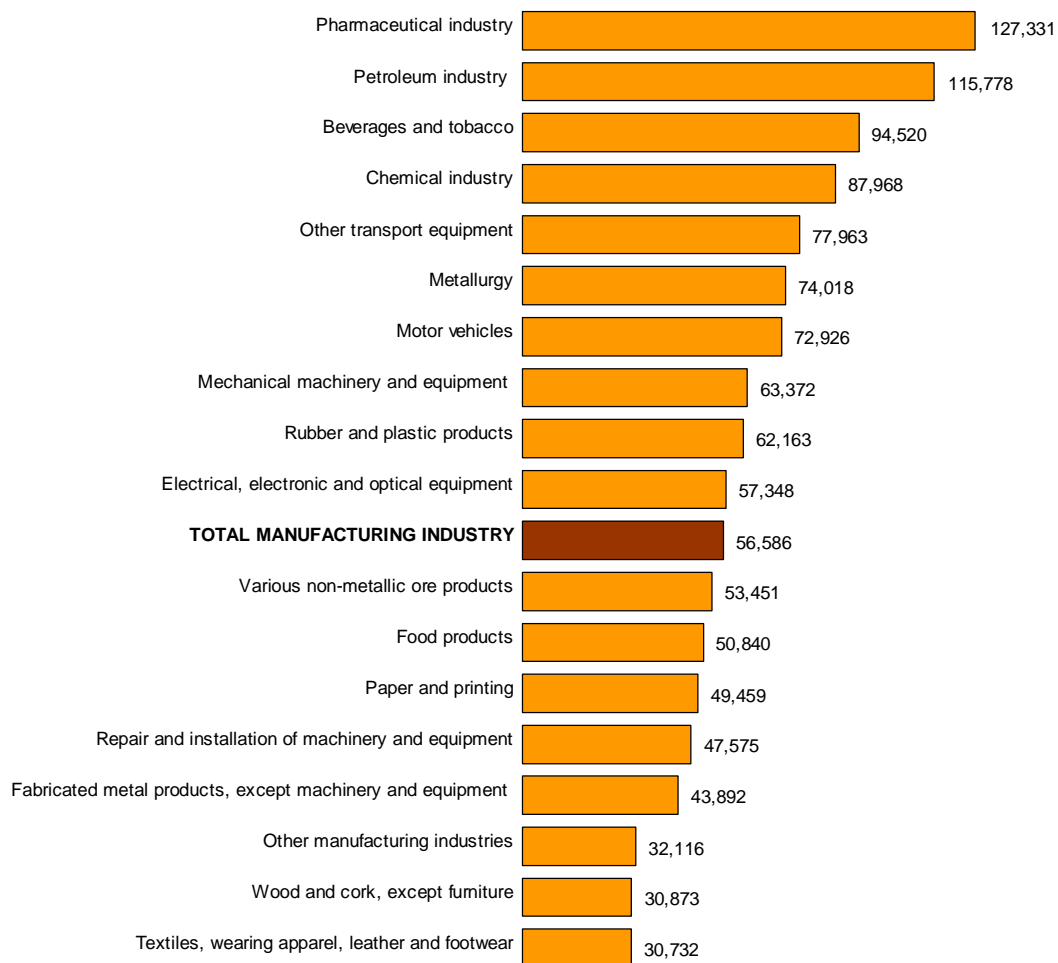
Employed personnel in industrial companies and productivity by branch of activity. Year 2014

| Branch of activity | Personal ocupado | | | Productivity | |
|--|------------------|------------------|----------------------|----------------|----------------------|
| | Annual average | % over the total | Annual variation (%) | Euros | Annual variation (%) |
| Mining and quarrying | 20,456 | 1.1 | -4.8 | 67,514 | -4.5 |
| Manufacturing industry | 1,723,690 | 89.2 | -0.7 | 56,586 | 5.5 |
| - Food products | 308,906 | 16.0 | -0.2 | 50,840 | 4.4 |
| - Beverages and tobacco | 47,325 | 2.4 | -1.8 | 94,520 | 7.7 |
| - Textiles, wearing apparel, leather and footwear | 121,162 | 6.3 | 0.7 | 30,732 | -1.6 |
| - Wood and cork, except furniture | 47,094 | 2.4 | -1.9 | 30,873 | 1.1 |
| - Paper and printing | 101,674 | 5.3 | -3.7 | 49,459 | -2.1 |
| - Petroleum industry | 8,829 | 0.5 | -2.2 | 115,778 | -35.8 |
| - Chemical industry | 79,521 | 4.1 | -1.9 | 87,968 | 7.9 |
| - Pharmaceutical industry | 38,677 | 2.0 | 4.6 | 127,331 | 12.8 |
| - Rubber and plastic products | 86,268 | 4.5 | -2.4 | 62,163 | 4.3 |
| - Various non-metallic ore products | 85,695 | 4.4 | -5.3 | 53,451 | 10.8 |
| - Metallurgy | 58,041 | 3.0 | 0.4 | 74,018 | 13.4 |
| - Fabricated metal products, except machinery and equipment | 220,619 | 11.4 | -1.8 | 43,892 | 5.5 |
| - Electrical, electronic and optical equipment | 80,743 | 4.2 | -3.0 | 57,348 | 4.8 |
| - Mechanical machinery and equipment | 97,457 | 5.0 | 0.5 | 63,372 | 7.6 |
| - Motor vehicles | 135,997 | 7.0 | 3.2 | 72,926 | 14.7 |
| - Other transport equipment | 40,235 | 2.1 | -0.5 | 77,963 | -5.8 |
| - Other manufacturing industries | 93,461 | 4.8 | -4.3 | 32,116 | 6.9 |
| - Repair and installation of machinery and equipment | 71,986 | 3.7 | 10.9 | 47,575 | -0.5 |
| Electricity, gas, steam and air conditioning supply | 38,907 | 2.0 | -1.7 | 505,529 | -2.4 |
| - Electric power generation, transmission and distribution | 32,479 | 1.7 | 0.8 | 517,332 | -4.2 |
| - Gas, steam and air conditioning generation and | 6,428 | 0.3 | -12.8 | 445,893 | 5.6 |
| Water supply, sewerage, waste management and remediation activities | 148,922 | 7.7 | -2.6 | 60,170 | 0.0 |
| - Water collection, treatment and supply | 34,326 | 1.8 | -2.7 | 86,244 | 4.2 |
| - Sewerage, waste management and remediation activities | 114,596 | 5.9 | -2.6 | 52,360 | -4.9 |
| TOTAL | 1,931,972 | 100.0 | -0.9 | 66,019 | 3.4 |

In the *Manufacturing industry*, *Pharmaceutical Industry* registered the greatest productivity, with 127,331 euros per person employed, followed by *Petroleum industry* (115,778 euros) and *Beverages and tobacco* (94,520 euros).

In turn, the sectors that registered the lowest productivity were *Textiles, wearing apparel, leather clothes and footwear* (30,732 euros), *Wood and cork, except furniture* (30,873 euros) and *Other manufacturing industries*² (32,116 euros per person).

Productivity (in euros) by branch of activity in Manufacturing industry. Year 2014



² Other manufacturing industries includes manufacture of furniture, jewellery, bijouterie and related articles, sports goods, games and toys, medical and dental instruments and supply and manufacturing n.e.c.

Geographical destination of the sales

70.3% of the sales of the industrial sector companies in 2014 were within Spain, 19.9% were to European Union (EU) countries, and 9.8% were to the rest of the world.

The branches of activity with the highest percentage of sales outside Spain were *Transport material, except motor vehicles* (71.6%), *Motor vehicles* (65.2%) and *Mechanical and machinery equipment* (53.4%).

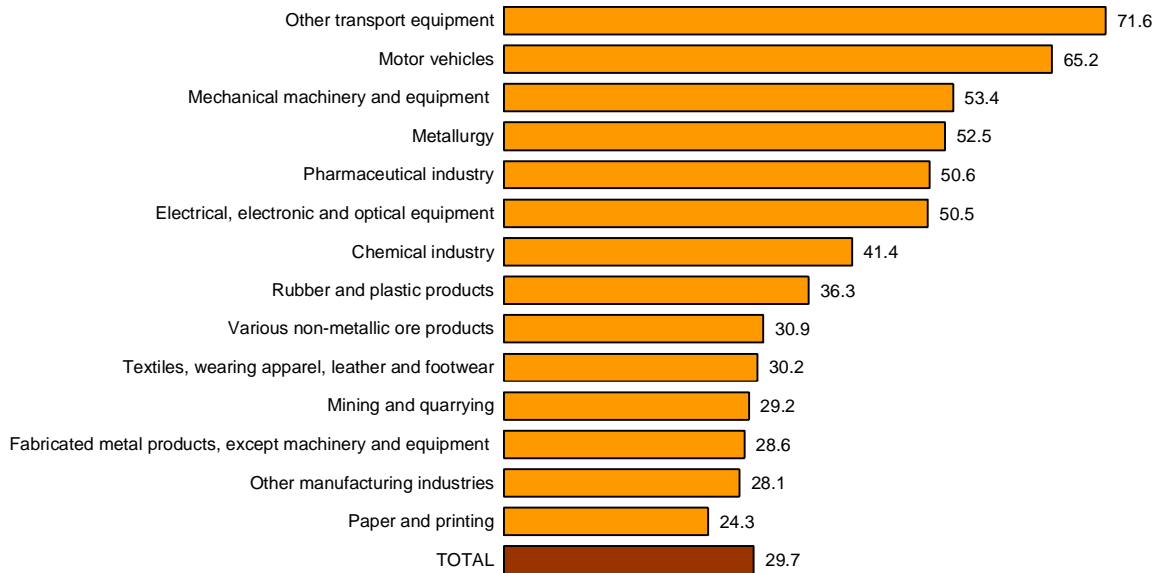
In turn, *Water supply, sewerage, waste management and remediation activities* and *Electricity, gas, steam and air conditioning supply* registered percentages lower than 10%.

Sales outside Spain by branch of industrial activity. Year 2014

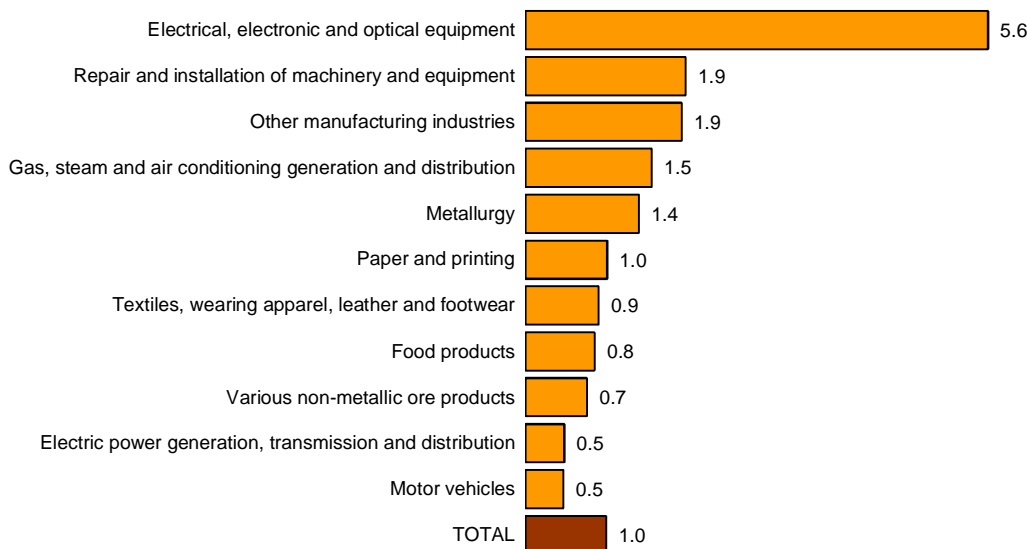
| Branch of activity | Sales outside Spain | | |
|---|---------------------|------------------------|------------------------------------|
| | Million euros | % over the total sales | Difference between the % 2014-2013 |
| Other transport equipment | 8,138 | 71.6 | -0.1 |
| Motor vehicles | 37,489 | 65.2 | 0.5 |
| Mechanical machinery and equipment | 9,729 | 53.4 | 0.1 |
| Pharmaceutical industry | 15,560 | 52.5 | 1.4 |
| Metallurgy | 6,952 | 50.6 | -1.3 |
| Electrical, electronic and optical equipment | 8,902 | 50.5 | 5.6 |
| Chemical industry | 15,808 | 41.4 | -1.0 |
| Rubber and plastic products | 6,679 | 36.3 | 0.0 |
| Mining and quarrying | 4,615 | 30.9 | 0.7 |
| Various non-metallic ore products | 4,245 | 30.2 | 0.9 |
| Textiles, wearing apparel, leather and footwear | 1,017 | 29.2 | -2.4 |
| Fabricated metal products, except machinery and equipment | 8,246 | 28.6 | 0.4 |
| Other manufacturing industries | 2,397 | 28.1 | 1.9 |
| Paper and printing | 4,301 | 24.3 | 1.0 |
| Wood and cork, except furniture | 1,123 | 20.8 | -0.2 |
| Beverages and tobacco | 17,018 | 19.0 | 0.8 |
| Food products | 3,152 | 19.0 | -1.9 |
| Repair and installation of machinery and equipment | 1,379 | 18.8 | 1.9 |
| Petroleum industry | 7,241 | 15.0 | 0.1 |
| Water collection, treatment and supply | 1,654 | 6.6 | 1.5 |
| Gas, steam and air conditioning generation and distribution | 3,719 | 5.3 | 0.5 |
| Electric power generation, transmission and distribution | 319 | 5.1 | -0.8 |
| Sewerage, waste management and remediation activities | 385 | 3.5 | -0.3 |
| TOTAL | 170,069 | 29.7 | 1.0 |

In the graphs shown below, the activities with the highest percentage of sales in the foreign market during 2014 are shown, as well as the activities that have experienced a high increase in percentage of exports.

Branch of activity with the highest percentage of sales outside Spain. Year 2014



Branch of activity with the highest difference in percentage of exports. Year 2014-2013



Results by company size

84.9% of industrial companies had less than 10 workers in 2014 and 12.3% had between 10 and 49. These companies occupied 43.8% of the personnel within the sector, but their invoicing scarcely accounted for a quarter of the total turnover of the sector.

In turn, large companies (with 250 or more workers), that represented 0.4% of the total industrial sector, employed 33.0% of the personnel of the sector and invoiced 55.5% of the total sales in 2014.

Distribution (%) of the number of companies, employed personnel and turnover size of the company. Year 2014



In four branches of activity, companies with less than 50 workers generated more than 50% of turnover. These branches were *Wood and cork, except furniture, Textiles, wearing apparel, leather and footwear, Other manufacturing industries and Fabricated metal products, except machinery and equipment.*

Distribution (%) of turnover by size of the company and industrial branch of activity.

Year 2014

| Branch of activity | Microcompany (less than 10 workers) | Small company (10 to 49 workers) | Medium- sized company (50 to 249 | Large company (250 or more |
|--|--|---|---|---|
| Mining and quarrying | 13.5 | 35.0 | 22.9 | 28.6 |
| Manufacturing industry | | | | |
| - Food products | 8.0 | 21.6 | 31.2 | 39.2 |
| - Beverages and tobacco | 10.0 | 20.6 | 19.2 | 50.2 |
| - Textiles, wearing apparel, leather and footwear | 16.9 | 42.6 | 30.9 | 9.6 |
| - Wood and cork, except furniture | 25.3 | 37.5 | 37.2 | (1) |
| - Paper and printing | 11.8 | 20.8 | 36.1 | 31.3 |
| - Petroleum industry | 0.0 | 0.2 | (1) | 99.8 |
| - Chemical industry | 2.2 | 13.7 | 31.9 | 52.1 |
| - Pharmaceutical industry | 0.4 | 3.3 | 24.3 | 72.1 |
| - Rubber and plastic products | 5.4 | 23.4 | 36.5 | 34.8 |
| - Various non-metallic ore products | 8.8 | 23.8 | 29.5 | 37.9 |
| - Metallurgy | 1.5 | 9.8 | 23.0 | 65.7 |
| - Fabricated metal products, except machinery and equipment | 17.5 | 32.9 | 32.3 | 17.3 |
| - Electrical, electronic and optical equipment | 4.0 | 14.6 | 26.8 | 54.6 |
| - Mechanical machinery and equipment | 6.8 | 27.7 | 33.6 | 32.0 |
| - Motor vehicles | 0.6 | 2.2 | 11.0 | 86.3 |
| - Other transport equipment | 12.1 | 4.5 | 14.2 | 69.2 |
| - Other manufacturing industries | 24.2 | 35.2 | 25.9 | 14.8 |
| - Repair and installation of machinery and equipment | 21.9 | 26.0 | 22.2 | 29.9 |
| Electricity, gas, steam and air conditioning supply | | | | |
| - Electric power generation, transmission and distribution | 18.6 | 5.2 | 8.4 | 67.8 |
| - Gas, steam and air conditioning generation and distribution | 10.7 | 11.4 | 7.8 | 70.2 |
| Water supply, sewerage, waste management and remediation activities | | | | |
| - Water collection, treatment and supply | 10.5 | 17.0 | 20.7 | 51.7 |
| - Sewerage, waste management and remediation activities | 8.0 | 20.1 | 18.9 | 53.1 |
| TOTAL | 8.5 | 15.0 | 21.1 | 55.5 |

(1) For confidentiality reasons, they are in the previous group

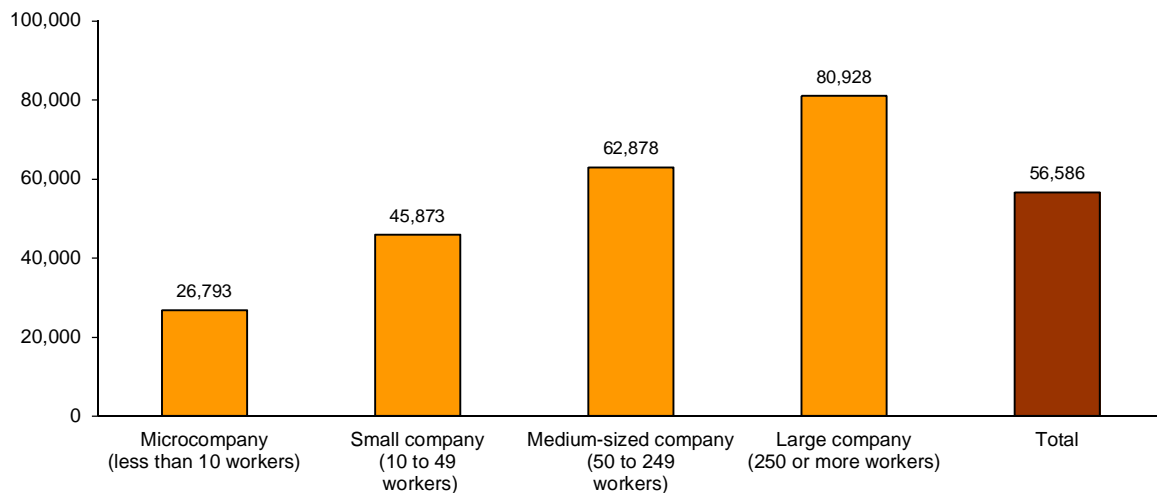
Size of the company and productivity within the manufacturing industry

For large companies (with 250 or more workers), the average productivity was 80,928 euros in 2014. These large companies were more common in *Petroleum industry, Pharmaceutical Industry* and *Motor vehicles*.

In contrast, companies with less than 10 workers registered the lowest productivity, with 26,793 euros.

Productivity (in euros) in the Manufacturing industry by size of the company.

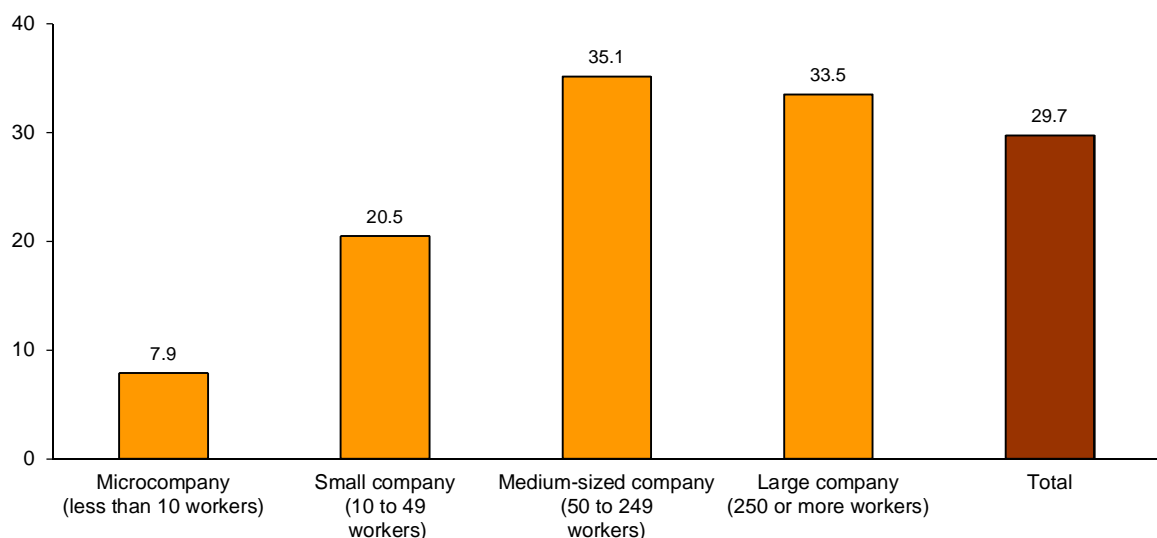
Year 2014



Size of the company and exports

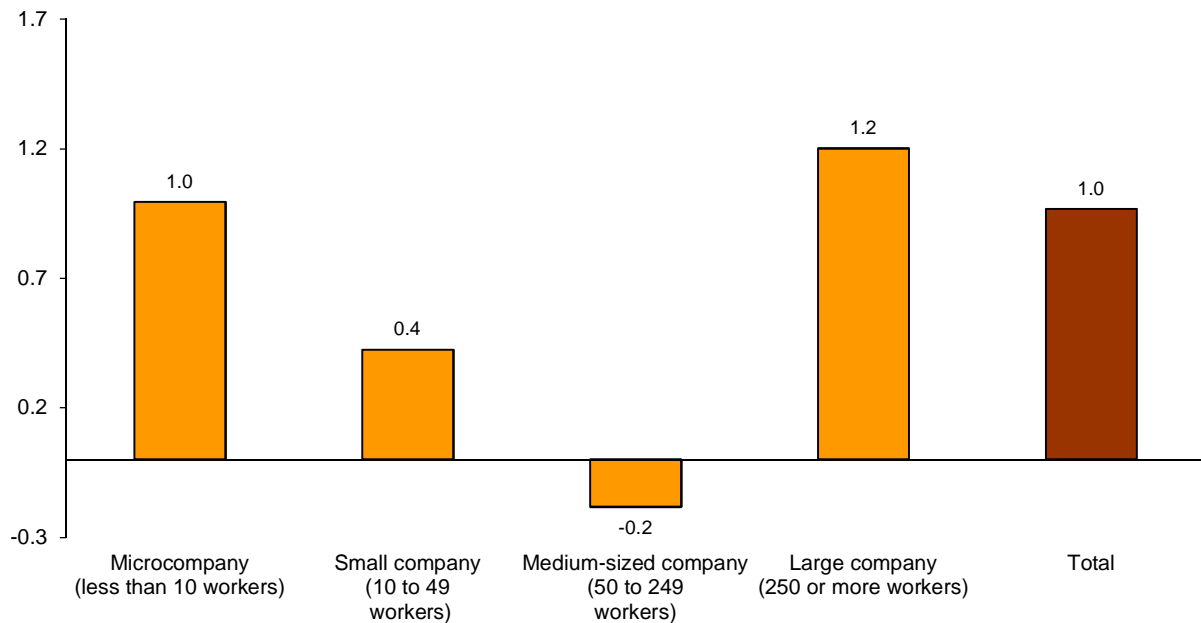
Industrial companies with 50 or more workers were those that were most likely to export, since the destination of more than 30% of their invoicing is abroad.

Percentage of exports in industrial sector as compared with the total invoicing by size of the company. Year 2014



Large companies (with 250 or more workers), were those that registered a greater dynamism abroad, with an increase of 1.2 points in their export rate as compared to the previous year.

Variation of percentage of exports by size of the company. Year 2014-2013



Investment

Total investment (in tangible and intangible assets) made by industrial companies in 2014 reached 20,233 million euros. 75.7% was from *Manufacturing industry* and 17.1% from *Water supply, sewerage, waste management and remediation activities*.

Investment accounted for 3.5% of the total turnover. The percentages varied by activity section, from 3.4% in *Manufacturing industry* up to 15.6% in *Mining and quarrying*.

Inversion by activity groups. Year 2014

| Activity section | Million euros | % over the total | % over turnover |
|---|---------------|------------------|-----------------|
| Mining and quarrying | 544 | 2.7 | 15.6 |
| Manufacturing industry | 15,317 | 75.7 | 3.4 |
| Electricity, gas, steam and air conditioning supply | 3,457 | 17.1 | 3.6 |
| Water supply, sewerage, waste management and remediation activities | 915 | 4.5 | 5.3 |
| TOTAL | 20,233 | 100.0 | 3.5 |

Results by Autonomous Cities and Communities

The Autonomous Communities with the greatest contribution to industrial turnover in the year 2014 were Cataluña (22.3%), Andalucía (12.2%) and Comunidad de Madrid (10.1%).

In turn, those with the least weight in turnover were Illes Balears (0.7%), La Rioja (0.9%) and Extremadura and Canarias (both with 1.2%).

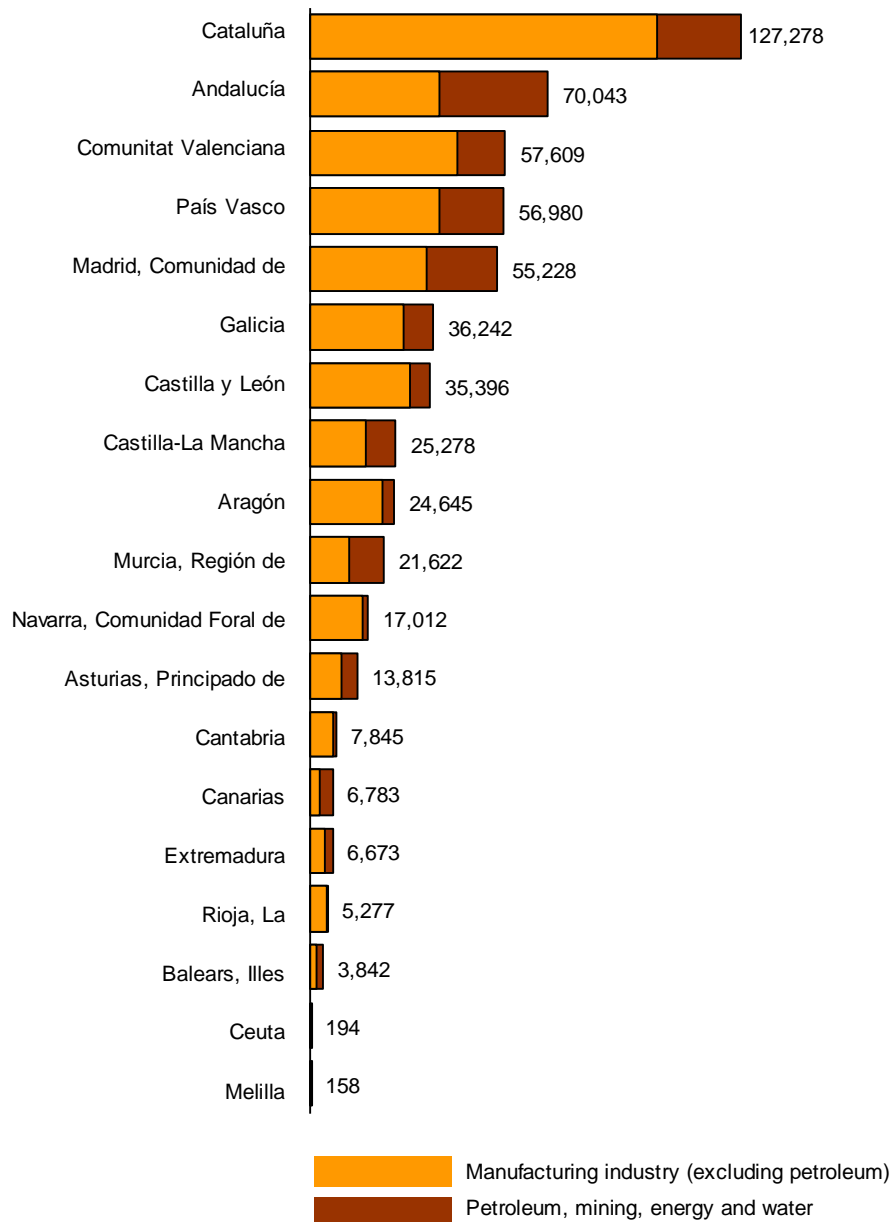
Regarding turnover evolution, the Autonomous Communities that registered the greatest increases were País Vasco (11.2%), Illes Balears (9.0%) and Cantabria (7.2%).

In turn, the greatest decreases were registered in Canarias (-12.8%), La Rioja (-8.2%) and Castilla-La Mancha (-5.5%).

Turnover in industrial sector by Autonomous Cities and Communities. Year 2014

| Autonomous Community | Million euros | % over the total | Annual variation (%) |
|-----------------------------|----------------|------------------|----------------------|
| Andalucía | 70,043 | 12.2 | -0.3 |
| Aragón | 24,645 | 4.3 | -0.1 |
| Asturias, Principado de | 13,815 | 2.4 | 3.4 |
| Balears, Illes | 3,842 | 0.7 | 9.0 |
| Canarias | 6,783 | 1.2 | -12.8 |
| Cantabria | 7,845 | 1.4 | 7.2 |
| Castilla y León | 35,396 | 6.2 | -0.4 |
| Castilla-La Mancha | 25,278 | 4.4 | -5.5 |
| Cataluña | 127,278 | 22.3 | 1.0 |
| Comunitat Valenciana | 57,609 | 10.1 | 5.5 |
| Extremadura | 6,673 | 1.2 | -2.0 |
| Galicia | 36,242 | 6.3 | -0.7 |
| Madrid, Comunidad de | 55,228 | 9.7 | 0.6 |
| Murcia, Región de | 21,622 | 3.8 | 4.3 |
| Navarra, Comunidad Foral de | 17,012 | 3.0 | 4.5 |
| País Vasco | 56,980 | 10.0 | 11.2 |
| Rioja, La | 5,277 | 0.9 | -8.2 |
| Ceuta | 194 | 0.0 | 14.8 |
| Melilla | 158 | 0.0 | 23.1 |
| TOTAL | 571,922 | 100.0 | 1.7 |

Turnover (millions of euros) in the industrial sector by Autonomous Cities and Communities. Year 2014



Methodological note

The Industrial Companies Survey is a structural survey published annually, addressed to companies with at least one employee whose main activity is described in the sections B and E of the National Classification of Economic Activities CNAE-2009. This classification includes the manufacturing industry, the extractive industry, electricity, gas and water supply and sewerage, waste management and remediation activities.

Until the reference year 2012, the Industrial Companies Survey focused on industrial companies with at least one wage-earning worker within Spain, excluding Ceuta and Melilla. From the reference year 2013 on, the survey widened its population and territorial scope, extending the coverage to industrial companies without wage earners and incorporating companies from Ceuta and Melilla.

This operation provides information on the structural features of the companies that are mainly dedicated to each of the activities included in their scope. These features include the companies' size, their most relevant accounting data (turnover, purchases, personnel costs, etc.) and the structure of employment and investment.

The Industrial Companies Survey is addressed to a sample of around 42,500 units selected among a population of around 200,000, and provides representative results, which are detailed by activity, by Autonomous Community and by size of the company according to the number of workers.

For further information see the *Complete Methodology* of this survey at the INE website.

http://www.ine.es/en/metodologia/t05/t0530p048_en.htm