

Manufacturing



Sector Definition

The Manufacturing sector includes the physical or chemical transformation of materials, substances or components into new products.

At a Glance



40,100
people in employment



2,515
Local enterprises



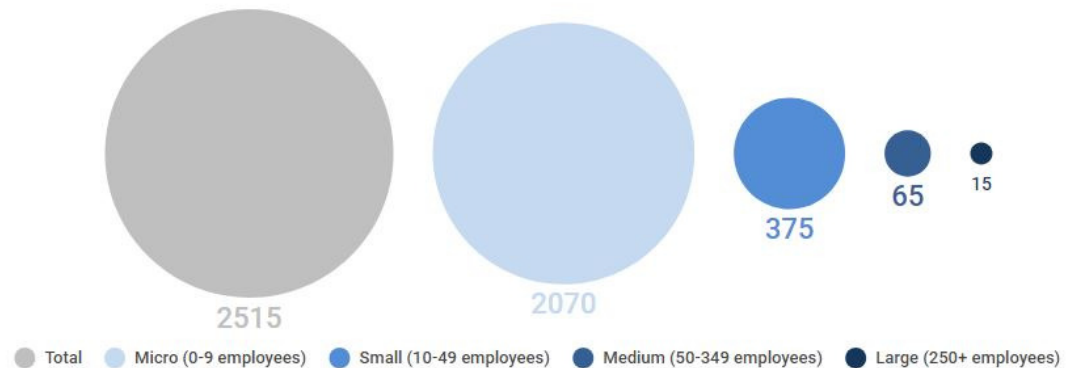
£2.306 billion
To the local economy



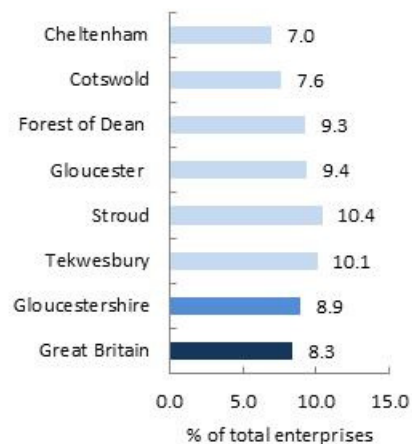
12,652
Job postings

Enterprises (2016)

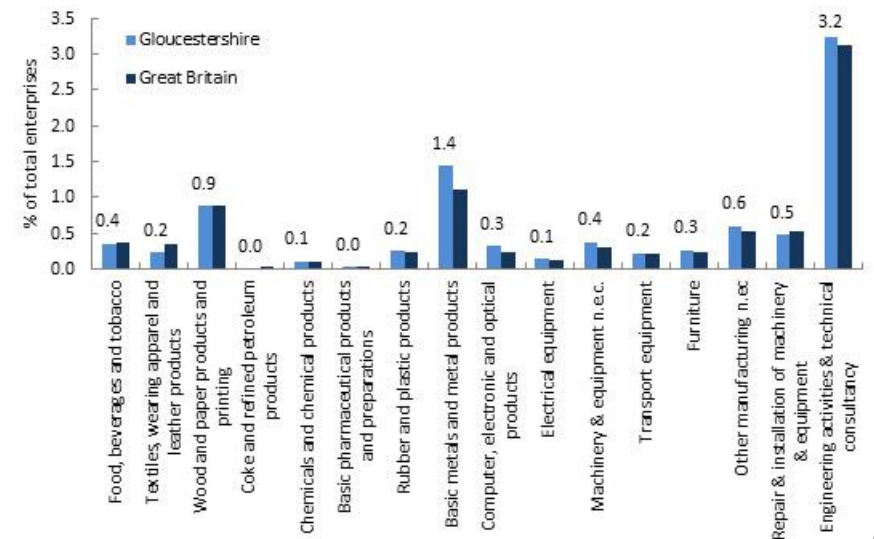
Gloucestershire Manufacturing enterprises by size



Manufacturing enterprises by local authority area



Manufacturing enterprises by sub-sector, Gloucestershire and Great Britain



Source: UK Business Counts-Enterprises (2016)

Manufacturing



Employment in Manufacturing (2015)

40,100

People in employment in Gloucestershire

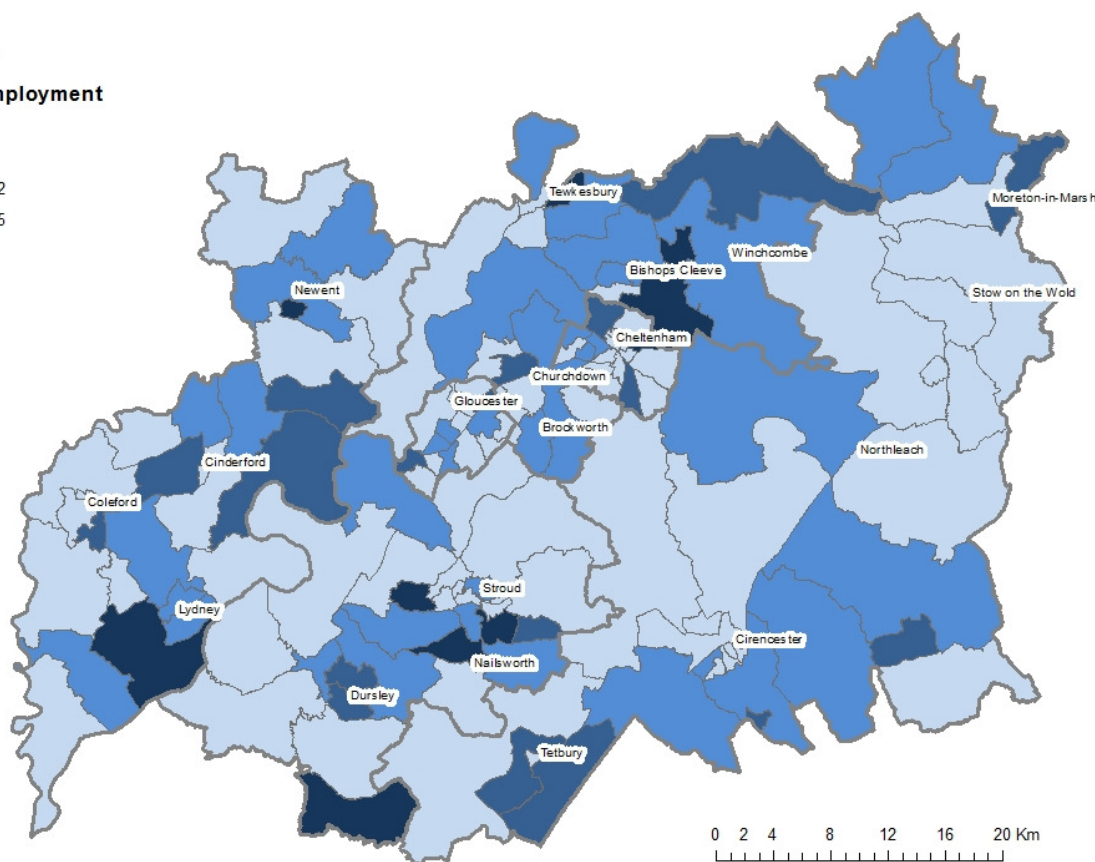
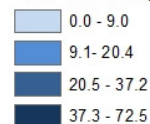
13.8%

of all people in employment in Gloucestershire

Concentration of employment in the Manufacturing sector by ward

Key to map

% of total employment

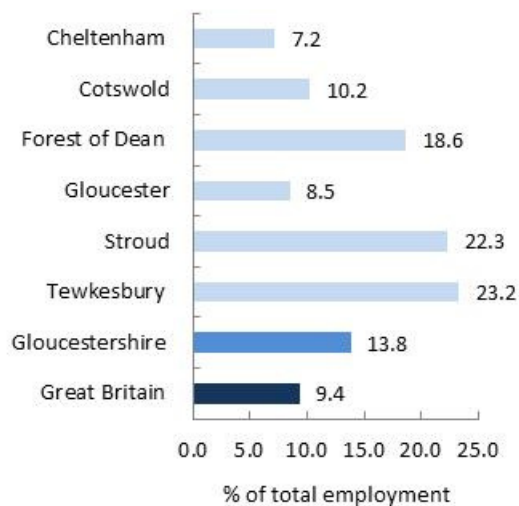


0 2 4 8 12 16 20 Km



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Manufacturing employment by local authority area



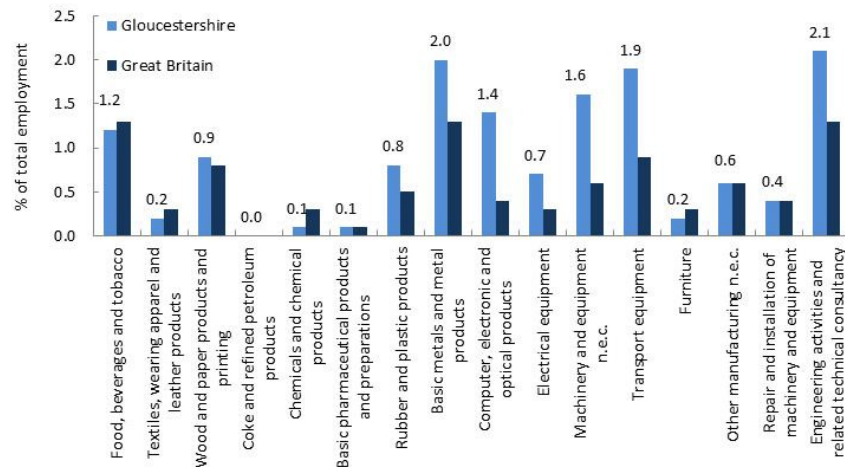
Source: BRES (2015)

Manufacturing

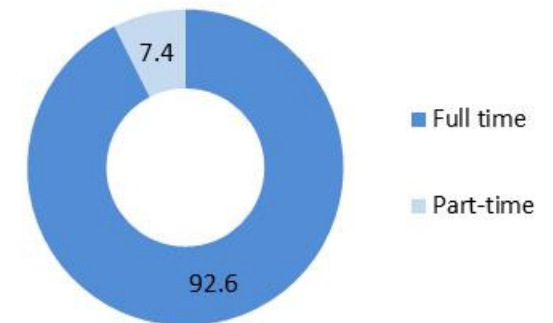


Employment (2015)

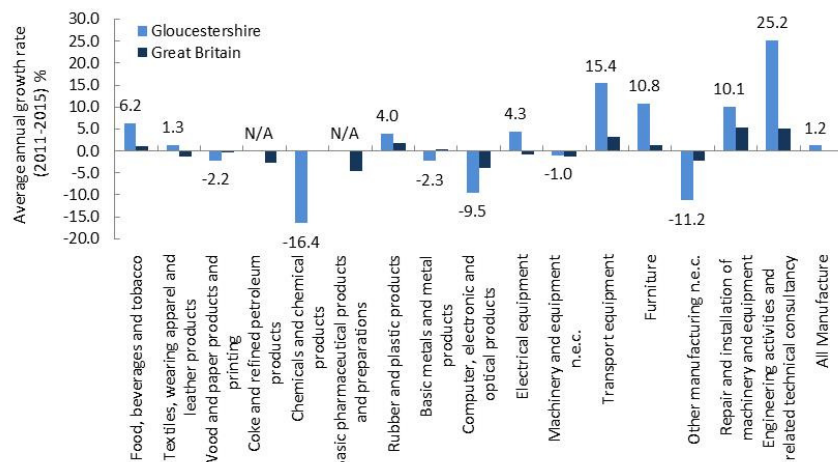
Manufacturing by sub-sector, Gloucestershire and Great Britain



Employment status in the Manufacturing sector



Average annual growth in the Manufacturing sector (2011-2015), Gloucestershire and Great Britain



Projected change in Manufacturing sector employment (2015-2025)



decrease of 3,500 people or 9.0%

Source: BRES (2015)

Source: LEFM (2015)

Manufacturing



Gross Value Added (2015)

£2.306
billion

The sector is estimated to be worth £2.306 billion to the Gloucestershire economy.

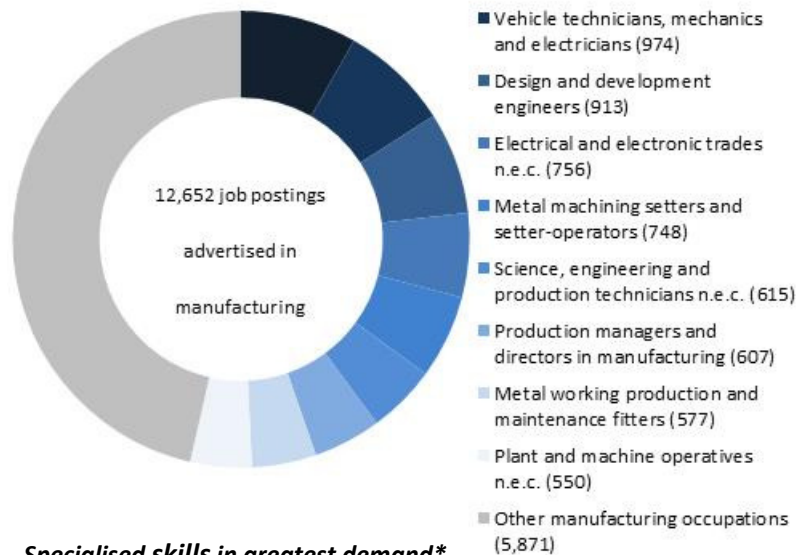
Contribution of the manufacturing sector to GVA



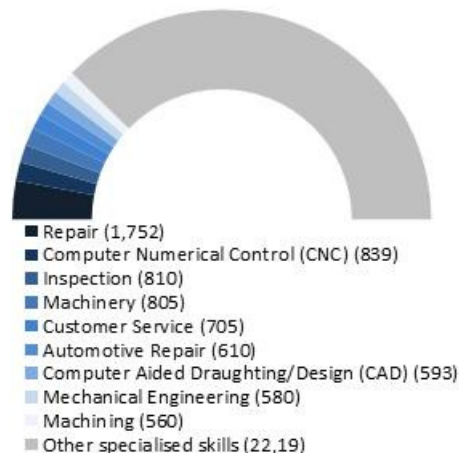
Regional Gross Value Added (Income Approach) (2015)

Job Vacancies (2016/17)

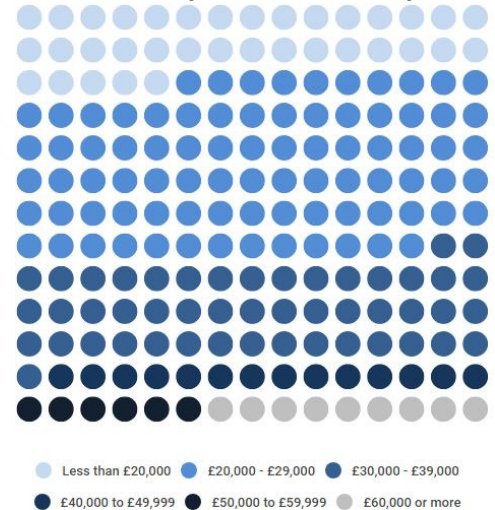
Top Occupations in demand



Specialised skills in greatest demand*



Distribution of Advertised Salary*



Generic skills in greatest demand*



Source: Labour Insight, 2017, please note number of vacancies are indicated in brackets

* Some vacancies do not specify salary or skills

Manufacturing



Example of employers in the sector



MOOG



spirax
sarco



Corin



Manufacturing



Appendix

SIC codes used to classify the manufacturing sector (used for enterprises, employment and GVA)

2007 SIC Code	Occupation
10*	Manufacture of food products
11*	Manufacture of beverages
12	Manufacture of tobacco products
13	Manufacture of textiles
14	Manufacture of wearing apparel
15	Manufacture of leather and related products
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
17	Manufacture of paper and paper products
18	Printing and reproduction of recorded media
19#	Manufacture of coke and refined petroleum products
20	Manufacture of chemicals and chemical products
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations
22	Manufacture of rubber and plastic products
23	Manufacture of other non-metallic mineral products
24#	Manufacture of basic metals
25	Manufacture of fabricated metal products, except machinery and equipment
26	Manufacture of computer, electronic and optical products
27	Manufacture of electrical equipment
28	Manufacture of machinery and equipment n.e.c
29	Manufacture of motor vehicles, trailers and semi-trailers
30	Manufacture of other transport equipment
31	Manufacture of furniture
32	Other manufacturing
33	Repair and installation of machinery and equipment
71.12@	Engineering activities and related technical consultancy

*these SIC codes also feature in the food and drink sector

these SIC codes also feature in the energy sector

@ these SIC codes also feature in the finance and professional services sector

SOC codes used to classify vacancies in the manufacturing sector

2010 SOC Code	Occupation
1121	Production managers and directors in manufacturing
2121@	Civil engineers
2122@	Mechanical engineers
2123@	Electrical engineers
2124@	Electronics engineers
2126@	Design and development engineers
2127@	Production and process engineers
2129@	Engineering professionals n.e.c.
3112@	Electrical and electronics technicians
3113@	Engineering technicians
3115@	Quality assurance technicians
3116@	Planning, process and production technicians
3119@	Science, engineering and production technicians n.e.c.
5211	Smiths and forge workers
5212	Moulders, core makers and die casters
5213	Sheet metal workers
5214	Metal plate workers, and riveters
5215	Welding trades
5216	Pipe fitters
5221	Metal machining setters and setter-operators
5222	Tool makers, tool fitters and markers-out
5223	Metal working production and maintenance fitters
5224	Precision instrument makers and repairers
5225	Air-conditioning and refrigeration engineers
5231	Vehicle technicians, mechanics and electricians
5232	Vehicle body builders and repairers
5234	Vehicle paint technicians
5235	Aircraft maintenance and related trades
5236	Boat and ship builders and repairers
5237	Rail and rolling stock builders and repairers
5241	Electricians and electrical fitters
5249	Electrical and electronic trades n.e.c.
5250	Skilled metal, electrical and electronic trades supervisors
5411	Weavers and knitters
5412	Upholsterers
5413	Footwear and leather working trades
5414	Tailors and dressmakers
5419	Textiles, garments and related trades n.e.c.
5421	Pre-press technicians
5422	Printers
5423	Print finishing and binding workers
5431*	Butchers

*these SIC codes also feature in the food and drink sector

@ these SIC codes also feature in the finance and professional services sector