

# Manufacturing industries in Kent

This bulletin uses data from a number of sources looking at the number of businesses (2023), jobs (2022), GVA (2021), occupations, qualifications, and apprenticeships (2022/23) in construction.

**NOTE:** within this bulletin “Kent” refers to the Kent County Council area which excludes Medway

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**This bulletin looks at the number of manufacturing enterprises in Kent. It also looks at the number of employee jobs, the value generated by manufacturing (GVA), the occupational structure, qualifications, and apprenticeships.**

## Headlines

- 3,130 enterprises in Kent in 2023 were manufacturing enterprises and account for 4.9% of all enterprises. The number has grown by 1.8% over the last 5 years.
- There were 36,000 manufacturing jobs in Kent in 2022 accounting for 5.6% of all jobs.
- Manufacturing in Kent generated £3,512m in GVA in 2021.
- 18.8% of Kent residents working in manufacturing were working in skilled trades occupations.
- 30.4% of Kent residents working in manufacturing were qualified to level 4 and above.
- There were 980 engineering & manufacturing technologies apprenticeships starts in Kent in 2022/23 and 570 apprenticeship achievements.

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## Introduction

The manufacturing sector is defined as the fabrication, processing, or preparation of products from raw materials and commodities. This includes the manufacture of food and drink, clothing and textiles, wood, leather and paper, petroleum, chemicals and plastics, advanced engineering, and any other form of manufacture. The manufacturing sector used in this bulletin is defined using the 2007 Standard Industrial Classification (2007SIC).

This bulletin looks at the number of manufacturing enterprises, employee jobs, the GVA created by manufacturing, the occupations of people working within manufacturing and the number of apprenticeship starts and achievements in engineering & manufacturing technologies.

## Enterprises

The number of manufacturing enterprises comes from information from the UK Business Counts dataset produced by the Office for National Statistics (ONS). The UK Business Counts dataset is an extract compiled from the Inter Departmental Business Register (IDBR) which contains information on VAT traders and PAYE employers.

The UK Business Counts dataset records the number of enterprises that were live at a reference date in March each year giving a snapshot of businesses that were live at that time. It is broken down by employment size band, industry, and turnover. Further information about the methodology used for producing these data is available from [the Office for National Statistics](#).

The latest data available is for 2023.

## Employee jobs

The number of employee jobs in the manufacturing sector comes from information from the Business Register and Employment Survey (BRES) produced by the ONS. The BRES is a sample survey which collects employment information from businesses across the whole of the Great Britain economy for each site that they operate. The survey covers all businesses in Great Britain registered for VAT and/or PAYE. BRES does not cover the very small businesses neither registered for VAT nor PAYE, neither does it include self-employed workers unless they are registered for VAT or PAYE.

The data provides us with an estimate of employee jobs and total employment (number of employees plus the number of working owners).

BRES is a sample survey and produces estimated employment figures. These estimates are of a good quality at higher levels of geography, for example region, however the quality of the estimates deteriorates as the geographies get smaller. This should be remembered when considering the quality of county and district estimates.

The survey provides us with estimates of employees by industrial sector. The manufacturing sector used in this bulletin is defined using the 2007 Standard Industrial Classification (2007SIC). Detailed information about the types of industry which make up each of the industrial sectors is available from the [UK Standard Industrial Classification of Economic Activities](#) published by the Office for National Statistics. The latest data is available for 2022.

The coronavirus pandemic had an effect on the production of BRES estimates for 2020 resulting in lower levels of precision than in other years. For this reason, figures for 2020 should be considered with caution.

## **GVA**

This bulletin looks at GVA generated by the manufacturing industry.

Gross Value Added (GVA) is a measure of Output i.e., the value of the goods and services produced in the economy. It is primarily used to monitor the performance of the national economy and is the measure preferred by the Office for National Statistics (ONS) to measure the overall economic well-being of an area. GVA estimates are available by broad industrial group down to local authority district level and are available for the years 1998 to 2021. This bulletin presents data from 2000 onwards.

More information is available about GVA estimates from the [Office for National Statistics](#).

## **Occupations**

Detailed information about the occupations and the industries in which residents work is available from the 2021 Census from ONS. This dataset gives us information about the occupations of Kent residents who were in employment at the time of the Census (21 March 2021).

## **Qualifications**

Information about the highest qualification held by resident workers by industry is also available from the 2021 Census. This dataset gives us information about the qualifications held by Kent residents who were working in manufacturing at the time of the Census.

## Apprenticeships

The Department for Education (DfE) publishes figures on apprenticeship starts and achievements by sector subject area. Apprenticeship starts counts the number of starts on each apprenticeship programme. Apprenticeship achievements counts the number of learners who successfully complete an individual aim in an academic year.

This bulletin presents three levels of apprenticeship:

- Intermediate - equivalent or 5 GCSE passes
- Advanced - equivalent to 2 passes at A-Level. The apprentice would generally need experience of working in the industry
- Higher - equivalent to a foundation degree, a Higher National Certificate (HNC), or the first year of an undergraduate degree up to a full degree. An apprentice would have to already show a high level of education e.g., have completed an advanced apprenticeship; have 2 passes at A level; have a BTEC qualification.

The latest annual data available is for academic year 2022/23.

## Manufacturing Industry Enterprises

The UK Business Counts dataset records the number of enterprises that were live as of March each year, giving a snapshot of businesses that were operating at this point in time. It is broken down by size band, industry, and turnover. The latest data is for 2023.

All numbers are rounded at source. Values may be rounded down to zero and so all zeros are not necessarily true zeros. Totals across tables may differ by minor amounts due to the disclosure methods used. All percentages are rounded to one decimal place.

4.9% of enterprises in England were manufacturing enterprises as of 2023.

15.8% of all the manufacturing enterprises in the country can be found in the South East region, however manufacturing accounts for a smaller proportion of enterprises in the South East (4.5%) than all other regions except for London.

The number of manufacturing enterprises has decreased nationally by -0.3% over the last five years. Manufacturing enterprises have decreased across all regions of the country except Yorkshire and The Humber, South West, and London. The largest growth was in London (+7.3%). The South East saw a decrease of -1.8%.

**Table 1: Manufacturing enterprises by region**

2023	Manufacturing enterprises	% manufacturing enterprises	1-year change	1-year % change	5-year change	5-year % change
<b>England</b>	<b>116,505</b>	<b>4.9%</b>	<b>-2,190</b>	<b>-1.8%</b>	<b>-375</b>	<b>-0.3%</b>
Yorkshire and The Humber	12,585	6.5%	-170	-1.3%	395	3.2%
West Midlands	14,190	6.5%	-40	-0.3%	-375	-2.6%
East Midlands	11,710	6.4%	-375	-3.1%	-390	-3.2%
North East	4,145	5.7%	-200	-4.6%	-215	-4.9%
North West	14,505	5.4%	-435	-2.9%	-325	-2.2%
South West	12,430	5.3%	-165	-1.3%	125	1.0%
East	13,825	5.1%	-270	-1.9%	-240	-1.7%
<b>South East</b>	<b>18,380</b>	<b>4.5%</b>	<b>-435</b>	<b>-2.3%</b>	<b>-345</b>	<b>-1.8%</b>
London	14,735	2.8%	-90	-0.6%	1,000	7.3%

Source: UK Business Counts

Presented by: Kent Analytics, Kent County Council

Kent had the same proportion of manufacturing enterprises as England as of March 2023. 3,130 manufacturing enterprises accounted for 4.9% of all enterprises in Kent.

Maidstone district had the highest number of manufacturing enterprises (390) while Swale district had the highest proportion (6.8%, 345 enterprises).

In Kent, over the past year, only Dover, Maidstone and Tunbridge Wells saw an increase in the number of manufacturing enterprises. The other districts either stayed the same or decreased. Swale saw the biggest decrease (-15, -4.2%), and Tunbridge Wells saw the largest increase (10, 4.2%).

**Table 2: Manufacturing enterprises in Kent County Council**

2023	Manufacturing enterprises	% manufacturing enterprises	1-year change	1-year % change	5-year change	5-year % change
Ashford	310	4.9%	-10	-3.1%	-20	-6.1%
Canterbury	245	4.4%	-10	-3.9%	15	6.5%
Dartford	210	4.6%	-5	-2.3%	-10	-4.5%
Dover	180	5.0%	5	2.9%	10	5.9%
Folkestone & Hythe	185	4.9%	0	0.0%	20	12.1%
Gravesham	195	4.8%	0	0.0%	0	0.0%
Maidstone	390	4.9%	10	2.6%	20	5.4%
Sevenoaks	295	4.5%	-5	-1.7%	-15	-4.8%
Swale	345	6.8%	-15	-4.2%	20	6.2%
Thanet	255	5.7%	0	0.0%	15	6.3%
Tonbridge and Malling	260	4.3%	-10	-3.7%	-10	-3.7%
Tunbridge Wells	250	4.1%	10	4.2%	5	2.0%
<b>Kent</b>	<b>3,130</b>	<b>4.9%</b>	<b>-10</b>	<b>-0.3%</b>	<b>55</b>	<b>1.8%</b>
Medway	450	5.1%	-5	-1.1%	0	0.0%
Kent + Medway	3,580	4.9%	-15	-0.4%	55	1.6%
South East Region	18,380	4.5%	-435	-2.3%	-345	-1.8%
England	116,505	4.9%	-2,190	-1.8%	-375	-0.3%

Source: UK Business Counts

Presented by: Kent Analytics, Kent County Council

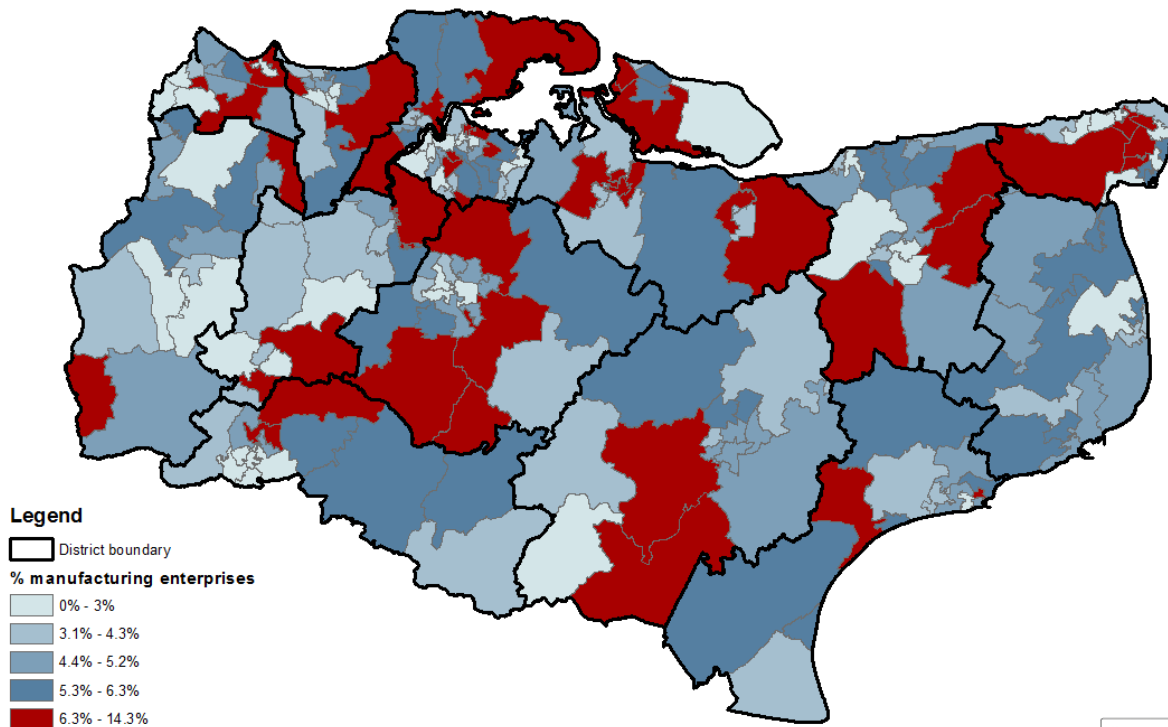
Map 1 shows the proportion of manufacturing enterprises in Kent and Medway MSOAs. MSOAs are a geographical hierarchy designed to enable the reporting of small area statistics in England and Wales.

The map shows that areas with high proportions of manufacturing enterprises are distributed across Kent and Medway. Dover is the only district without any area of the highest density in all Kent & Medway local authorities.

## Map 1: Percentage of manufacturing enterprises in Kent & Medway

Proportion of manufacturing enterprises in Kent & Medway MSOAs, 2023

Source: UK Business Count, ONS



Presented by: Kent Analytics, Kent County Council  
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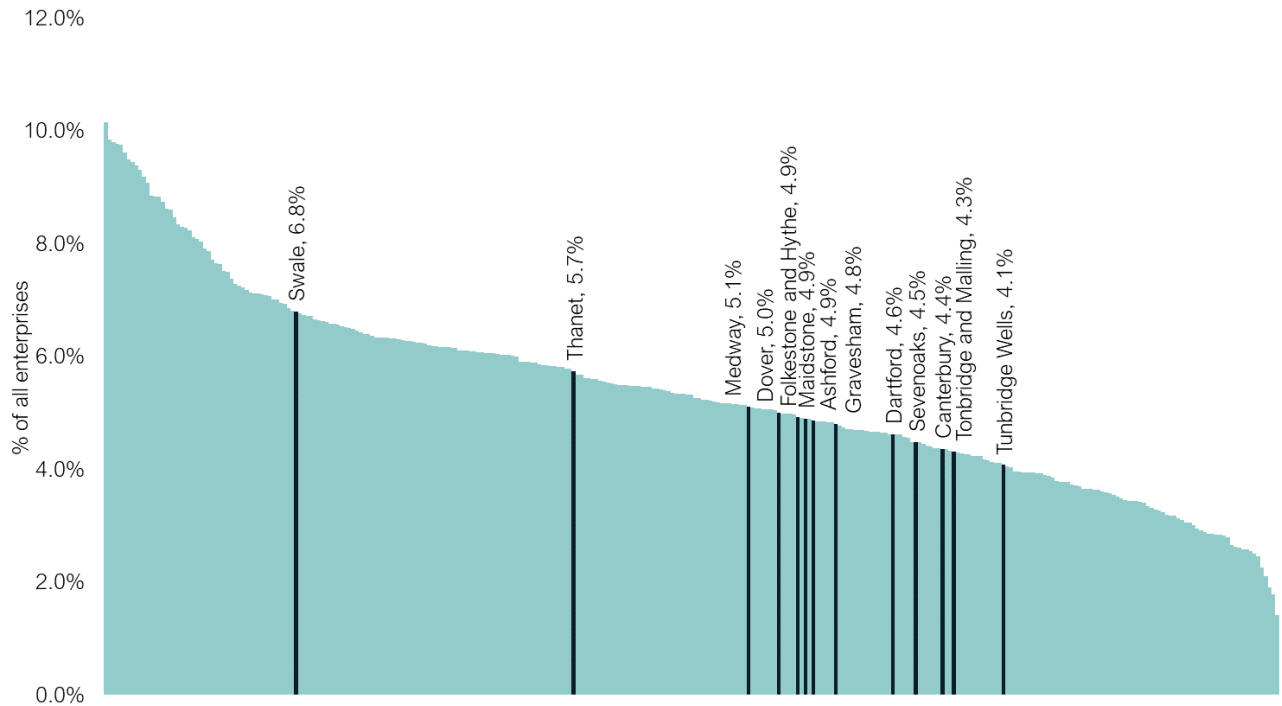
Chart 1 overleaf shows the proportion of manufacturing enterprises in Kent local authorities compared to all local authorities in England. Swale was the only Kent district to appear within the top 20% of districts with the highest concentration of manufacturing enterprises in the country (those where manufacturing enterprises make up 6.6% or more of enterprises). Tunbridge Wells district was the lowest ranking Kent district (4.1%). However, this district has managed to rise above the 20% of English authorities with the lowest proportion (those where manufacturing makes up 3.9% or less of all enterprises).

A table showing the number and proportion of manufacturing enterprises in all English local authorities can be found in Annex 1 at the end of this report.



## Chart 1: Manufacturing industry enterprises in England local authorities

Concentration of Manufacturing Industry enterprises in local authorities in England, 2023



Source: UK Business Counts, ONS  
Presented by: Kent Analytics, Kent County Council

Over the last five years Kent saw an increase in the number of manufacturing enterprises. The number of manufacturing enterprises increased by 1.8% in Kent (+55 enterprises) compared to a decrease of -1.8% in the South East region and -0.3% nationally.

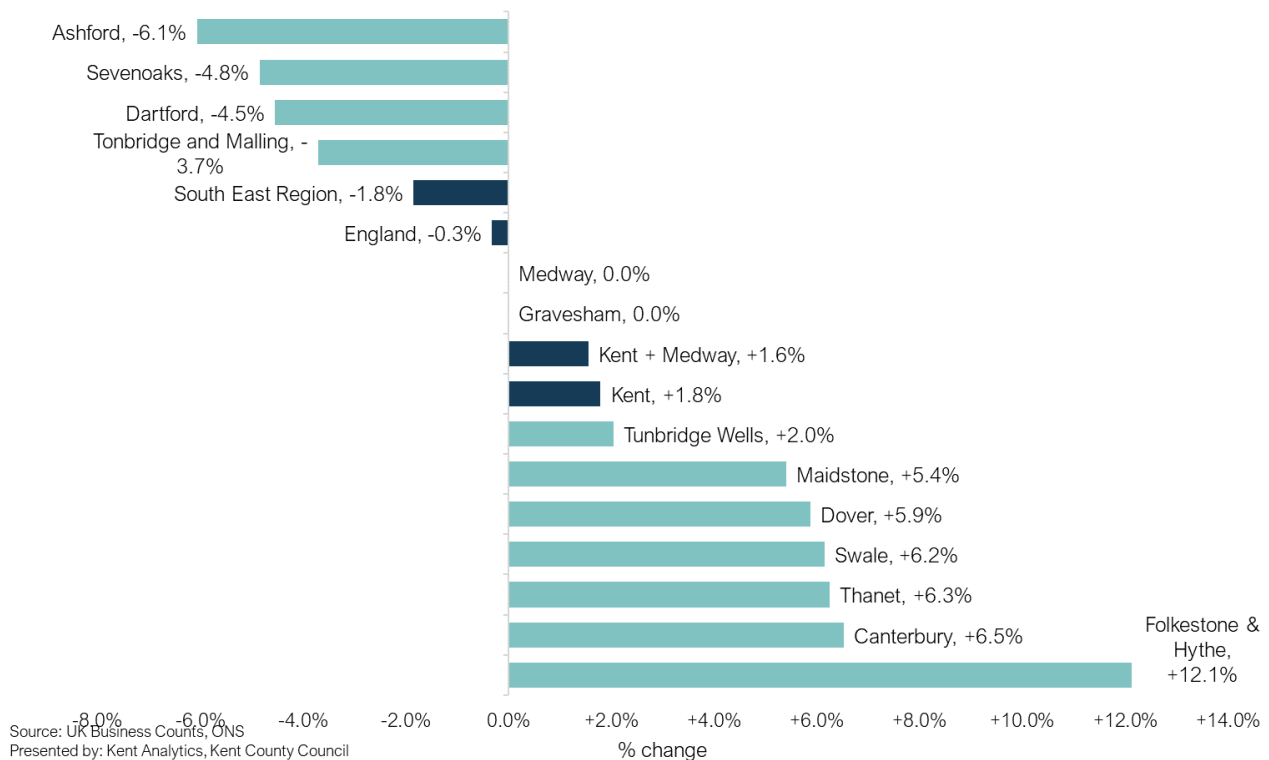
Within Kent, Swale, Maidstone and Folkestone & Hythe saw the biggest increases with 20 more enterprises. Folkestone & Hythe saw the biggest percentage increase of 12.1%.

Not all authorities have seen manufacturing enterprises increase over the last five years. Ashford, Dartford, Sevenoaks, and Tonbridge & Malling all saw a decrease in number (-20, -10, -15 and -10 respectively). Gravesham saw no change at all over five years.

The five-year percentage change in manufacturing enterprises is shown in chart 2.

## Chart 2: Five-year change in manufacturing enterprises

5 year change in manufacturing industry enterprises, 2018 to 2023



In this bulletin the manufacturing industry has been subdivided into six broad manufacturing types:

### 1. Food & Drink Manufacture

Manufacture of food products

Manufacture of beverages

### 2. Clothing & Textiles Manufacture

Manufacture of textiles

Manufacture of wearing apparel

### 3. Wood, Leather & Paper Manufacture

Manufacture of leather & related products

Manufacture of wood and products of wood or cork except furniture

Manufacture of paper and paper products

Printing and reproduction of recorded media

### 4. Petroleum, Chemicals and Plastics

Manufacture of coke and refined petroleum products

Manufacture of chemicals and chemical products

Manufacture of basic pharmaceutical products and preparations  
Manufacture of rubber and plastic products  
Manufacture of other non-metallic mineral products

#### **5. Advanced Engineering**

Manufacture of basic metals  
Manufacture of fabricated metal products except machinery & equipment  
Manufacture of computer, electronic & optical products  
Manufacture of electrical equipment  
Manufacture of machinery & equipment (not classified elsewhere)  
Manufacture of motor vehicles, trailers, and semi-trailers  
Manufacture of other transport equipment  
Repair & installation of machinery & equipment

#### **6. Other Manufacture**

Manufacture of tobacco products  
Manufacture of furniture  
Other manufacturing

Advanced engineering accounts for almost a half of all manufacturing enterprises in Kent (45.8%). Swale and Maidstone districts have the highest number of advanced engineering enterprises (180 enterprises each).

Wood, leather, and paper manufacture is the second largest manufacturing subsector in Kent, accounting for one in five manufacturing enterprises.

Tables 3 and 4 show the number of enterprises by manufacturing type and what proportion they make of total manufacturing industries.

**Table 3: Manufacturing enterprises by industry type**

2023	Total Manufacturing	Food & Drink Manufacture	Clothing & Textiles Manufacture	Wood, Leather & Paper Manufacture	Petroleum, Chemicals and Plastics	Advanced Engineering	Other Manufacture
Ashford	310	25	10	65	35	130	50
Canterbury	245	25	20	55	20	90	40
Dartford	210	10	10	45	25	115	15
Dover	180	15	10	30	15	95	10
Folkestone & Hythe	185	20	10	35	15	85	20
Gravesham	195	10	5	35	10	105	30
Maidstone	390	30	10	95	40	180	40
Sevenoaks	295	15	15	60	20	150	35
Swale	345	20	15	55	30	180	40
Thanet	255	15	15	50	25	105	45
Tonbridge and Malling	260	20	10	60	25	125	25
Tunbridge Wells	250	25	20	60	20	80	45
<b>Kent</b>	<b>3,130</b>	<b>225</b>	<b>140</b>	<b>640</b>	<b>290</b>	<b>1,435</b>	<b>395</b>
Medway	450	30	20	70	30	260	35
Kent + Medway	3,580	255	160	715	320	1,695	435
South East	18,380	1,430	895	3,285	1,680	8,770	2,320
England	116,505	10,095	7,445	19,745	11,715	52,745	14,765

Source: UK Business Counts

Presented by: Kent Analytics, Kent County Council

**Table 4: Percentatge of manufacturing enterprises by industry type**

2023	Total Manufacturing	Food & Drink Manufacture	Clothing & Textiles Manufacture	Wood, Leather & Paper Manufacture	Petroleum, Chemicals and Plastics	Advanced Engineering	Other Manufacture
Ashford	100%	8.1%	3.2%	21.0%	11.3%	41.9%	16.1%
Canterbury	100%	10.2%	8.2%	22.4%	8.2%	36.7%	16.3%
Dartford	100%	4.8%	4.8%	21.4%	11.9%	54.8%	7.1%
Dover	100%	8.3%	5.6%	16.7%	8.3%	52.8%	5.6%
Folkestone & Hythe	100%	10.8%	5.4%	18.9%	8.1%	45.9%	10.8%
Gravesham	100%	5.1%	2.6%	17.9%	5.1%	53.8%	15.4%
Maidstone	100%	7.7%	2.6%	24.4%	10.3%	46.2%	10.3%
Sevenoaks	100%	5.1%	5.1%	20.3%	6.8%	50.8%	11.9%
Swale	100%	5.8%	4.3%	15.9%	8.7%	52.2%	11.6%
Thanet	100%	5.9%	5.9%	19.6%	9.8%	41.2%	17.6%
Tonbridge and Malling	100%	7.7%	3.8%	23.1%	9.6%	48.1%	9.6%
Tunbridge Wells	100%	10.0%	8.0%	24.0%	8.0%	32.0%	18.0%
<b>Kent</b>	<b>100%</b>	<b>7.2%</b>	<b>4.5%</b>	<b>20.4%</b>	<b>9.3%</b>	<b>45.8%</b>	<b>12.6%</b>
Medway	100%	6.7%	4.4%	15.6%	6.7%	57.8%	7.8%
Kent + Medway	100%	7.1%	4.5%	20.0%	8.9%	47.3%	12.2%
South East	100%	7.8%	4.9%	17.9%	9.1%	47.7%	12.6%
England	100%	8.7%	6.4%	16.9%	10.1%	45.3%	12.7%

Source: UK Business Counts

Presented by: Kent Analytics, Kent County Council

Looking in more detail at the enterprises which are classified as being manufacturing based, it shows that businesses which manufacture fabricated metal products accounts for 16.9% of all manufacturing enterprises in Kent. In Medway they account for almost a quarter of all manufacturing enterprises. This is shown in table 5.

**Table 5: Manufacturing enterprises by detailed industry**

2023	Kent	Medway	South East	England
<b>Total Manufacturing</b>	<b>3,130</b>	<b>450</b>	<b>18,380</b>	<b>116,505</b>
<b>Food &amp; Drink Manufacture</b>	<b>7.2%</b>	<b>6.7%</b>	<b>7.8%</b>	<b>8.7%</b>
<i>Manufacture of food products</i>	5.1%	5.6%	5.7%	6.8%
<i>Manufacture of beverages</i>	2.1%	1.1%	2.0%	1.9%
<b>Clothing &amp; Textiles Manufacture</b>	<b>4.5%</b>	<b>4.4%</b>	<b>4.9%</b>	<b>6.4%</b>
<i>Manufacture of textiles</i>	2.6%	2.2%	2.8%	3.3%
<i>Manufacture of wearing apparel</i>	1.9%	2.2%	2.1%	3.1%
<b>Wood, Leather &amp; Paper Manufacture</b>	<b>20.4%</b>	<b>15.6%</b>	<b>17.9%</b>	<b>16.9%</b>
<i>Manufacture of leather &amp; related products</i>	0.3%	0.0%	0.4%	0.5%
<i>Manufacture of wood and products of wood or cork except furniture</i>	8.6%	7.8%	7.5%	7.5%
<i>Manufacture of paper and paper products</i>	1.3%	1.1%	1.0%	1.1%
<i>Printing and reproduction of recorded media</i>	10.2%	6.7%	9.0%	7.8%
<b>Petroleum, Chemicals and Plastics</b>	<b>9.3%</b>	<b>6.7%</b>	<b>9.1%</b>	<b>10.1%</b>
<i>Manufacture of coke and refined petroleum products</i>	0.2%	0.0%	0.1%	0.1%
<i>Manufacture of chemicals and chemical products</i>	2.1%	2.2%	2.4%	2.6%
<i>Manufacture of basic pharmaceutical products and preparations</i>	0.5%	0.0%	0.5%	0.5%
<i>Manufacture of rubber and plastic products</i>	3.2%	3.3%	3.5%	4.0%
<i>Manufacture of other non metallic mineral products</i>	3.4%	2.2%	2.6%	2.9%
<b>Advanced Engineering</b>	<b>45.8%</b>	<b>57.8%</b>	<b>47.7%</b>	<b>45.3%</b>
<i>Manufacture of basic metals</i>	1.4%	1.1%	1.1%	1.4%
<i>Manufacture of fabricated metal products except machinery &amp; equipment</i>	16.9%	23.3%	16.0%	17.3%
<i>Manufacture of computer, electronic &amp; optical products</i>	4.3%	4.4%	6.4%	4.2%
<i>Manufacture of electrical equipment</i>	2.4%	2.2%	2.9%	2.4%
<i>Manufacture of machinery &amp; equipment (not classified elsewhere)</i>	5.1%	7.8%	5.0%	5.5%
<i>Manufacture of motor vehicles, trailers and semi-trailers</i>	2.2%	2.2%	2.7%	2.7%

2023	Kent	Medway	South East	England
<i>Manufacture of other transport equipment</i>	1.0%	1.1%	2.3%	1.5%
<i>Repair &amp; installation of machinery &amp; equipment</i>	12.5%	15.6%	11.4%	10.3%
<b>Other Manufacture</b>	<b>12.6%</b>	<b>7.8%</b>	<b>12.6%</b>	<b>12.7%</b>
<i>Manufacture of tobacco products</i>	0.0%	0.0%	0.0%	0.0%
<i>Manufacture of furniture</i>	4.8%	3.3%	4.8%	5.2%
<i>Other manufacturing</i>	7.8%	4.4%	7.8%	7.5%

Source: UK Business Counts

Presented by: Kent Analytics, Kent County Council

The size of an enterprises can be classified as micro, small, medium, or large depending upon the number of workers it employs.

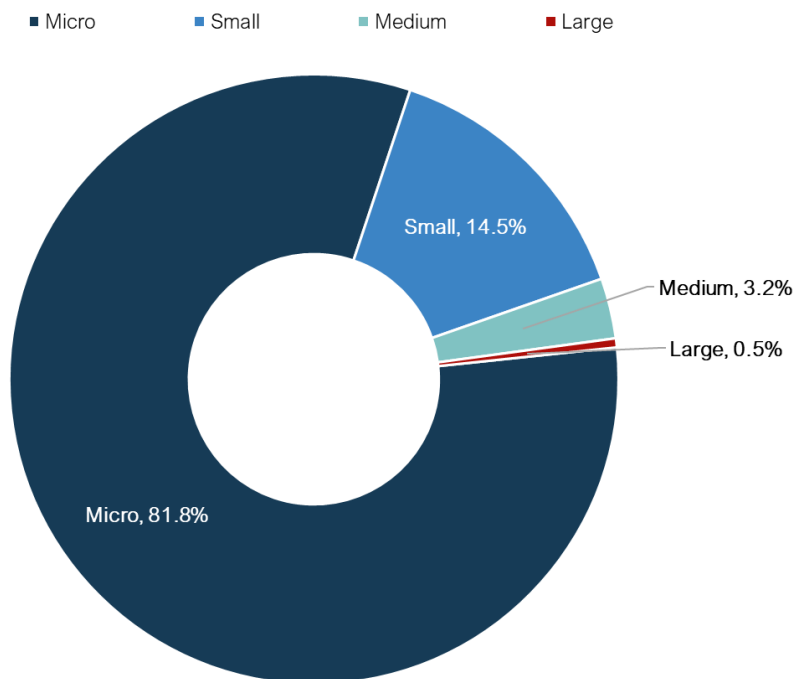
**Table 6: Enterprise employment size bands**

Enterprise size	Number of employees
Micro	0 to 9
Small	10 to 49
Medium	50 to 249
Large	250+

The majority of manufacturing industries in Kent (81.8%) are classified as micro enterprises employing fewer than ten employees. 14.5% of manufacturing businesses are small enterprises and 3.2% medium sized. 0.5% are classified as large (15 enterprises). The proportion of manufacturing enterprises by employment size band is shown in chart 3.

### Chart 3: Manufacturing industry enterprises in Kent by size band

Kent manufacturing enterprises sizebands 2023



Source: UK Business Counts, ONS  
Presented by: Kent Analytics, Kent County Council

Tables 7 overleaf shows the number of manufacturing enterprises in Kent local authorities by employment size band.

Folkestone & Hythe and Swale have a higher proportion of manufacturing enterprises which are classified as large (employing 250 workers or more) than the national or regional average.

Table 8 shows the proportion of manufacturing enterprises in Kent local authorities by employment size band.

In Folkestone & Hythe 2.7% of manufacturing enterprises are large enterprises, considerably higher than the national average of 0.8%.



**Table 7: Number of manufacturing enterprises by size band**

Manufacturing 2023	Total	Micro (0 to 9)	Small (10 to 49)	Medium (50 to 249)	Large (250+)
Ashford	310	250	55	5	0
Canterbury	245	205	30	5	0
Dartford	210	175	30	10	0
Dover	180	150	25	5	0
Folkestone & Hythe	185	155	25	5	5
Gravesham	195	165	25	5	0
Maidstone	390	325	50	15	0
Sevenoaks	295	245	45	10	0
Swale	345	270	55	15	5
Thanet	255	205	40	10	0
Tonbridge and Malling	260	205	45	10	0
Tunbridge Wells	250	215	30	5	0
<b>Kent</b>	<b>3,130</b>	<b>2,560</b>	<b>455</b>	<b>100</b>	<b>15</b>
Medway	450	375	55	15	5
Kent + Medway	3,580	2,935	510	115	20
South East	18,380	14,980	2,605	635	160
England	116,505	92,135	18,290	5,060	1,025

Source: UK Business Counts

Presented by: Kent Analytics, Kent County Council

**Table 8: Proportion of manufacturing enterprises by size band**

Manufacturing 2023	Micro (0 to 9)	Small (10 to 49)	Medium (50 to 249)	Large (250+)
Ashford	80.6%	17.7%	1.6%	0.0%
Canterbury	83.7%	12.2%	2.0%	0.0%
Dartford	83.3%	14.3%	4.8%	0.0%
Dover	83.3%	13.9%	2.8%	0.0%
Folkestone & Hythe	83.8%	13.5%	2.7%	2.7%
Gravesham	84.6%	12.8%	2.6%	0.0%
Maidstone	83.3%	12.8%	3.8%	0.0%
Sevenoaks	83.1%	15.3%	3.4%	0.0%
Swale	78.3%	15.9%	4.3%	1.4%
Thanet	80.4%	15.7%	3.9%	0.0%
Tonbridge and Malling	78.8%	17.3%	3.8%	0.0%
Tunbridge Wells	86.0%	12.0%	2.0%	0.0%
<b>Kent</b>	<b>81.8%</b>	<b>14.5%</b>	<b>3.2%</b>	<b>0.5%</b>
Medway	83.3%	12.2%	3.3%	1.1%
Kent + Medway	82.0%	14.2%	3.2%	0.6%
South East	81.5%	14.2%	3.5%	0.9%
England	79.1%	15.7%	4.3%	0.9%

Source: UK Business Counts

Presented by: Kent Analytics, Kent County Council

58.9% of Kent manufacturing enterprises have an annual turnover of less than £199,000, this reflects a similar picture to that seen nationally (57.8%) and regionally (59.0%). 16.8% of the manufacturing enterprises in the South East region who have an annual turnover higher than £500,000 are Kent based enterprises.

Tables 9 and 10 have a breakdown of the enterprise turnovers for Kent, Medway, South East and England. This is then shown as a proportion. Kent is very similar for each turnover band with the South East region and nationally.

**Table 9: Manufacturing enterprises turnover**

Manufacturing 2023	Kent	Medway	South East	England
<b>Total</b>	3,130	450	18,380	116,505
0 to 49 (thousand)	420	50	2,525	14,955
50 to 99 (thousand)	605	90	3,510	22,420
100 to 199 (thousand)	820	135	4,805	30,015
200 to 499 (thousand)	415	55	2,360	14,615
500 to 999 (thousand)	325	45	1,780	11,125
1000 to 1999 (thousand)	210	25	1,250	8,080
2000 to 4999 (thousand)	170	25	1,050	7,285
5000 to 9999 (thousand)	75	5	465	3,335
10000 to 49999 (thousand)	75	15	485	3,575
50000+ (thousand)	15	0	155	1,105

Source: UK Business Counts

Presented by: Kent Analytics, Kent County Council

**Table 10: Proportion of manufacturing enterprises turnover**

Manufacturing 2023	Kent	Medway	South East	England
<b>Total</b>	100%	100%	100%	100%
0 to 49 (thousand)	13.4%	11.1%	13.7%	12.8%
50 to 99 (thousand)	19.3%	20.0%	19.1%	19.2%
100 to 199 (thousand)	26.2%	30.0%	26.1%	25.8%
200 to 499 (thousand)	13.3%	12.2%	12.8%	12.5%
500 to 999 (thousand)	10.4%	10.0%	9.7%	9.5%
1000 to 1999 (thousand)	6.7%	5.6%	6.8%	6.9%
2000 to 4999 (thousand)	5.4%	5.6%	5.7%	6.3%
5000 to 9999 (thousand)	2.4%	1.1%	2.5%	2.9%
10000 to 49999 (thousand)	2.4%	3.3%	2.6%	3.1%
50000+ (thousand)	0.5%	0.0%	0.8%	0.9%

Source: UK Business Counts

Presented by: Kent Analytics, Kent County Council

## Employee Jobs in Manufacturing Industries

The Business Register and Employment Survey (BRES) provides us with estimates of the number of employee jobs by industrial sector. The latest data is for 2022 and is rounded to the nearest 100. Percentages are calculated using unrounded data.

Manufacturing supplies an estimated two million employee jobs nationally, accounting for 7.5% of all jobs in the country and is strongest in the Midlands and the North of the country.

The North West has the highest number of manufacturing jobs (311,000). Whereas Yorkshire and The Humber has the highest proportion of manufacturing jobs in the country (11.4%). In the past five years, West Midlands, South West, Yorkshire and The Humber and London have all seen an increase in jobs.

The South East has the fourth highest number of manufacturing jobs (249,000) accounting for 12.3% of all manufacturing jobs in England but has the second lowest proportion in the country (5.8%). Manufacturing jobs in the South East are -0.8% lower than in 2017 (-2,000 fewer jobs).

**Table 11: Manufacturing employee jobs in English regions**

2022	Number	%	5 year change	5 year % change
<b>England</b>	<b>2,032,500</b>	<b>7.5%</b>	<b>-47,000</b>	<b>-2.3%</b>
Yorkshire and The Humber	281,500	11.4%	9,000	3.3%
East Midlands	244,000	11.3%	-41,500	-14.5%
West Midlands	300,500	11.3%	3,000	1.0%
North East	104,000	9.7%	-14,000	-11.9%
North West	311,000	8.9%	-14,500	-4.5%
South West	217,500	8.5%	10,000	4.8%
East	209,000	7.4%	-10,500	-4.8%
<b>South East</b>	<b>249,000</b>	<b>5.8%</b>	<b>-2,000</b>	<b>-0.8%</b>
London	116,000	2.1%	13,000	12.6%

Source: BRES

Presented by: Kent Analytics, Kent County Council

As of 2022 there were an estimated 36,000 employee jobs in manufacturing industries in Kent, accounting for 5.6% of all jobs in the county. This is a slightly lower proportion than seen regionally (5.8%) but lower than the national figure of 7.5%.

Swale district has the highest number of manufacturing employees in Kent (6,000) accounting for 11.2% of the area's total employee jobs. The lowest proportion is in Canterbury where 2.6% of employee jobs are in manufacturing.

Only two Kent districts have seen manufacturing employee job growth over recent years; Folkestone & Hythe (+400 jobs, +25.0%) and Dartford (+300, +7.7%). The remaining districts all saw a reduction in manufacturing jobs. The biggest reductions were seen in Maidstone, Swale and Thanet where there were 500 fewer manufacturing jobs than in 2017 for each district.

**Table 12: Manufacturing employee jobs in Kent**

Manufacturing jobs 2022	Number	%	5 year change	5 year % change
Ashford	4,500	7.4%	-300	-5.3%
Canterbury	1,800	2.6%	-100	-6.7%
Dartford	3,500	5.1%	300	7.7%
Dover	2,800	7.6%	-300	-8.3%
Folkestone & Hythe	1,900	4.9%	400	25.0%
Gravesham	1,600	4.5%	-100	-7.1%
Maidstone	3,500	5.6%	-500	-12.5%
Sevenoaks	2,800	4.7%	-300	-8.3%
Swale	6,000	11.2%	-500	-7.7%
Thanet	2,500	5.9%	-500	-16.7%
Tonbridge and Malling	3,300	4.9%	-300	-7.1%
Tunbridge Wells	2,100	4.1%	-300	-10.5%
<b>Kent</b>	<b>36,000</b>	<b>5.6%</b>	<b>-2,500</b>	<b>-6.5%</b>
Medway	7,000	7.3%	500	7.7%
Kent + Medway	43,000	5.8%	-2,000	-4.4%
South East	249,000	5.8%	-2,000	-0.8%
England	2,032,500	7.5%	-47,000	-2.3%

Source: BRES

Presented by: Kent Analytics, Kent County Council

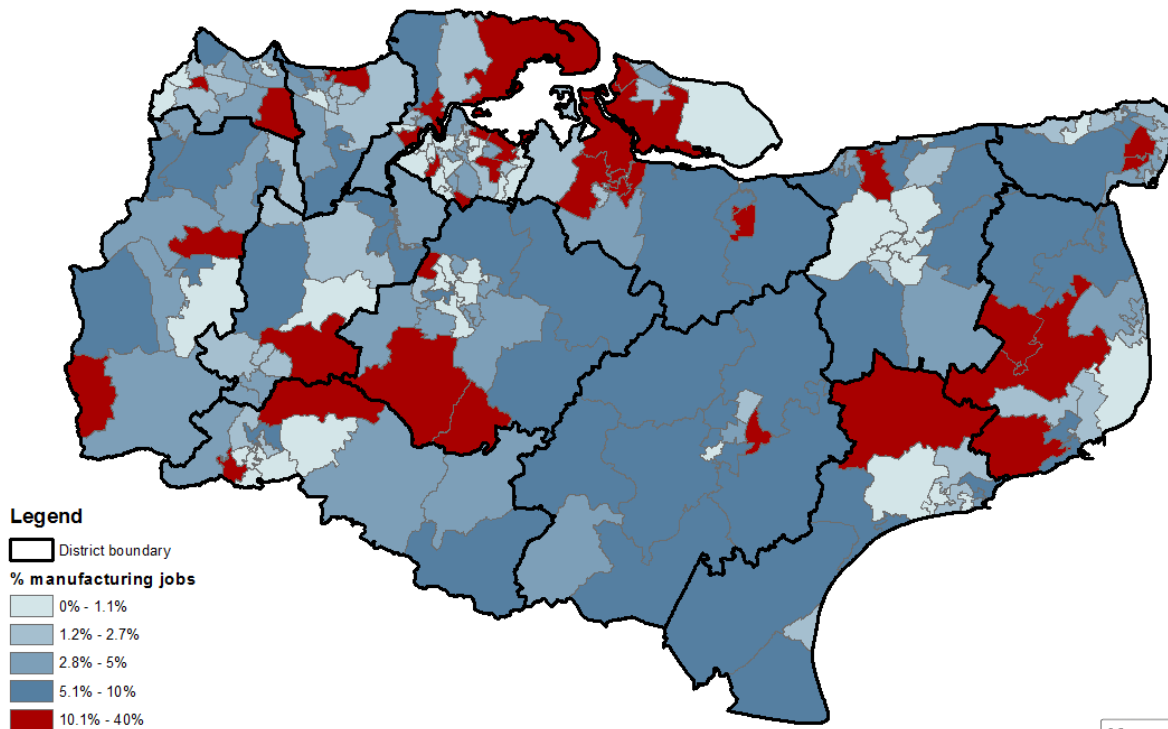
Map 2 shows the proportion of manufacturing jobs in Kent and Medway MSOAs. MSOAs are a geographical hierarchy designed to enable the reporting of small area statistics in England and Wales.

The map shows that areas with high proportions of manufacturing employee jobs are equally distributed across Kent and Medway, with areas of high density and low density in all Kent & Medway local authorities. Ashford is the district with the smallest area of the highest density.

## Map 2: Percentage of manufacturing jobs in Kent & Medway

Proportion of manufacturing employee jobs in Kent & Medway MSOAs, 2022

Source: BRES, ONS



Presented by: Kent Analytics, Kent County Council  
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Compared to other authorities in England, no Kent district is within the top 20% with the highest percentage of employee jobs in manufacturing, these are those areas where the industry provides at least 13.4% of employee jobs. Canterbury and Tunbridge Wells districts are within the bottom 20% of authorities in the country with the lowest proportion of manufacturing jobs (4.2% or less).

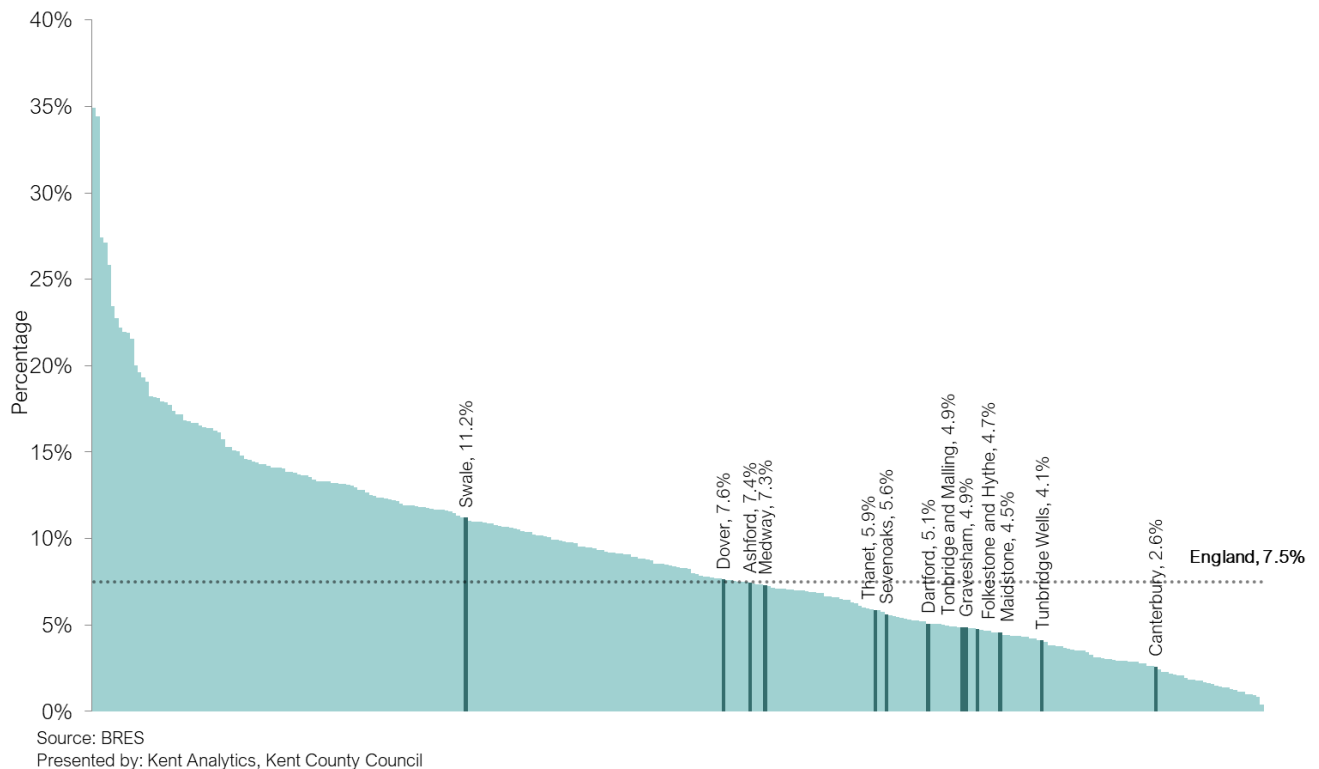
With 11.2% of local jobs in manufacturing, Swale district is within the top 40% of local authorities in England where manufacturing jobs make up 9.9% or more of all jobs.

Chart 4 shows the proportion of jobs which are in the manufacturing industry in each local authority in England in 2022.

A table showing the number and proportion of manufacturing employee jobs in all English local authorities can be found in annex 1 at the end of this report.

## Chart 4: Percentage of manufacturing employee jobs in English local authorities

Percentage of employee jobs in manufacturing in England local authorities, 2022



A large proportion of manufacturing jobs in Kent (43.1%) are within advanced engineering. The highest number of advanced engineering jobs are in Swale (2,400) and advanced engineering jobs make up the largest proportion of manufacturing jobs in all Kent local authorities except Tunbridge Wells (food and drink manufacturing is the largest for this district).

Food and drink manufacture accounts for a large proportion of manufacturing jobs in Dover (34.5%) and Tunbridge Wells (40.0%); in Tonbridge & Malling and Gravesham wood, leather and paper manufacturing jobs account for 27.7% and 24.6% of manufacturing jobs respectively.

The manufacture of clothing and textiles in Kent accounts for the smallest proportion of manufacturing jobs in the county (1.5%).

This is shown in tables 13 and 14 (overleaf).

**Table 13: Number of manufacturing employee jobs by industry type**

2022	Total Manufacturing	Food & Drink Manufacture	Clothing & Textiles Manufacture	Wood, Leather & Paper Manufacture	Petroleum, Chemicals and Plastics	Advanced Engineering	Other Manufacture
Ashford	4,500	800	100	600	900	1,500	700
Canterbury	1,800	200	0	300	100	1,000	200
Dartford	3,500	1,100	0	100	600	1,500	0
Dover	2,800	1,000	0	200	200	1,300	100
Folkestone & Hythe	1,900	200	0	100	500	1,000	200
Gravesham	1,600	0	0	400	300	900	100
Maidstone	3,500	800	0	400	700	1,600	100
Sevenoaks	2,800	300	0	500	200	1,600	200
Swale	6,000	1,300	100	600	1,400	2,400	200
Thanet	2,500	300	100	300	700	900	200
Tonbridge and Malling	3,300	300	0	900	700	1,300	100
Tunbridge Wells	2,100	900	100	300	200	700	100
<b>Kent</b>	<b>36,000</b>	<b>7,000</b>	<b>600</b>	<b>4,800</b>	<b>6,500</b>	<b>15,500</b>	<b>2,000</b>
Medway	7,000	600	100	900	700	4,500	500
Kent + Medway	43,000	7,500	600	5,500	7,000	20,000	2,500
South East	249,000	33,000	3,000	21,500	33,000	140,500	18,000
England	2,032,500	371,500	63,500	187,500	330,500	945,500	134,500

Source: BRES

Presented by: Kent Analytics, Kent County Council

**Table 14: Proportion of manufacturing employee jobs by industry type**

2022	Total Manufacturing	Food & Drink Manufacture	Clothing & Textiles Manufacture	Wood, Leather & Paper Manufacture	Petroleum, Chemicals and Plastics	Advanced Engineering	Other Manufacture
Ashford	100.0%	17.8%	2.0%	13.3%	20.0%	33.3%	14.4%
Canterbury	100.0%	10.9%	1.4%	18.6%	5.7%	54.3%	9.1%
Dartford	100.0%	32.1%	0.6%	3.1%	17.1%	42.9%	1.3%
Dover	100.0%	34.5%	0.7%	8.7%	8.7%	45.5%	1.8%
Folkestone & Hythe	100.0%	8.5%	0.8%	4.8%	24.0%	53.3%	8.0%
Gravesham	100.0%	2.8%	0.3%	24.6%	16.9%	52.3%	3.7%
Maidstone	100.0%	21.4%	0.7%	12.1%	18.6%	46.4%	3.7%
Sevenoaks	100.0%	10.0%	0.9%	16.4%	6.5%	59.1%	6.9%
Swale	100.0%	20.8%	1.3%	9.2%	22.9%	39.6%	2.5%
Thanet	100.0%	12.0%	5.6%	13.0%	26.0%	36.0%	7.2%
Tonbridge and Malling	100.0%	8.5%	1.1%	27.7%	21.5%	38.5%	3.4%
Tunbridge Wells	100.0%	40.0%	2.8%	15.3%	9.4%	30.6%	4.7%
<b>Kent</b>	<b>100.0%</b>	<b>19.4%</b>	<b>1.5%</b>	<b>13.2%</b>	<b>18.1%</b>	<b>43.1%</b>	<b>5.6%</b>
Medway	100.0%	8.6%	0.9%	12.9%	10.0%	64.3%	6.4%
Kent + Medway	100.0%	17.4%	1.4%	12.8%	16.3%	46.5%	5.8%
South East	100.0%	13.3%	1.2%	8.6%	13.3%	56.4%	7.2%
England	100.0%	18.3%	3.1%	9.2%	16.3%	46.5%	6.6%

Source: BRES

Presented by: Kent Analytics, Kent County Council



Table 15 shows the proportion of manufacturing employee jobs in the individual industries which make up manufacturing in Kent, Medway, the South East, and England. The table shows that the Kent proportion is often in sync with the national and regional average.

**Table 15: Manufacturing industry employee jobs by detailed industry**

2022	Kent	Medway	South East	England
<b>Total Manufacturing jobs</b>	<b>36,000</b>	<b>7,000</b>	<b>249,000</b>	<b>2,032,500</b>
<b>Food &amp; Drink Manufacture</b>	<b>19.4%</b>	<b>8.6%</b>	<b>13.3%</b>	<b>18.3%</b>
Manufacture of food products	16.7%	7.1%	11.6%	16.7%
Manufacture of beverages	2.1%	1.1%	1.6%	1.6%
<b>Clothing &amp; Textiles Manufacture</b>	<b>1.5%</b>	<b>0.9%</b>	<b>1.2%</b>	<b>3.1%</b>
Manufacture of textiles	1.1%	0.4%	0.9%	2.2%
Manufacture of wearing apparel	0.4%	0.5%	0.4%	0.9%
<b>Wood, Leather &amp; Paper Manufacture</b>	<b>13.2%</b>	<b>12.9%</b>	<b>8.6%</b>	<b>9.2%</b>
Manufacture of leather & related products	0.3%	0.3%	0.3%	0.3%
Manufacture of wood and products of wood or cork except furniture	4.9%	2.4%	3.2%	3.5%
Manufacture of paper and paper products	4.2%	1.4%	1.4%	2.1%
Printing and reproduction of recorded media	3.8%	8.6%	3.6%	3.3%
<b>Petroleum, Chemicals and Plastics</b>	<b>18.1%</b>	<b>10.0%</b>	<b>13.3%</b>	<b>16.3%</b>
Manufacture of coke and refined petroleum products	0.2%	0.0%	0.5%	0.3%
Manufacture of chemicals and chemical products	6.3%	0.7%	4.0%	3.7%
Manufacture of basic pharmaceutical products and preparations	1.5%	0.0%	1.8%	1.7%
Manufacture of rubber and plastic products	5.2%	6.8%	5.0%	6.3%
Manufacture of other non-metallic mineral products	3.8%	2.4%	1.9%	4.2%
<b>Advanced Engineering</b>	<b>43.1%</b>	<b>64.3%</b>	<b>56.4%</b>	<b>46.5%</b>
Manufacture of basic metals	1.4%	4.6%	1.0%	2.6%
Manufacture of fabricated metal products except machinery & equipment	13.9%	13.6%	14.1%	12.5%
Manufacture of computer, electronic & optical products	6.6%	25.0%	10.6%	4.3%
Manufacture of electrical equipment	2.5%	2.9%	3.6%	2.9%
Manufacture of machinery & equipment (not classified elsewhere)	6.9%	14.3%	9.0%	7.8%
Manufacture of motor vehicles, trailers and semi-trailers	3.5%	0.5%	6.0%	6.2%

2022	Kent	Medway	South East	England
Manufacture of other transport equipment	0.9%	0.1%	4.2%	5.4%
Repair & installation of machinery & equipment	6.6%	3.9%	7.8%	4.8%
<b>Other Manufacture</b>	<b>5.6%</b>	<b>6.4%</b>	<b>7.2%</b>	<b>6.6%</b>
Manufacture of tobacco products	0.0%	0.0%	0.1%	0.0%
Manufacture of furniture	2.1%	5.4%	2.0%	3.6%
Other manufacturing	3.5%	0.9%	5.0%	3.0%

Source: BRES

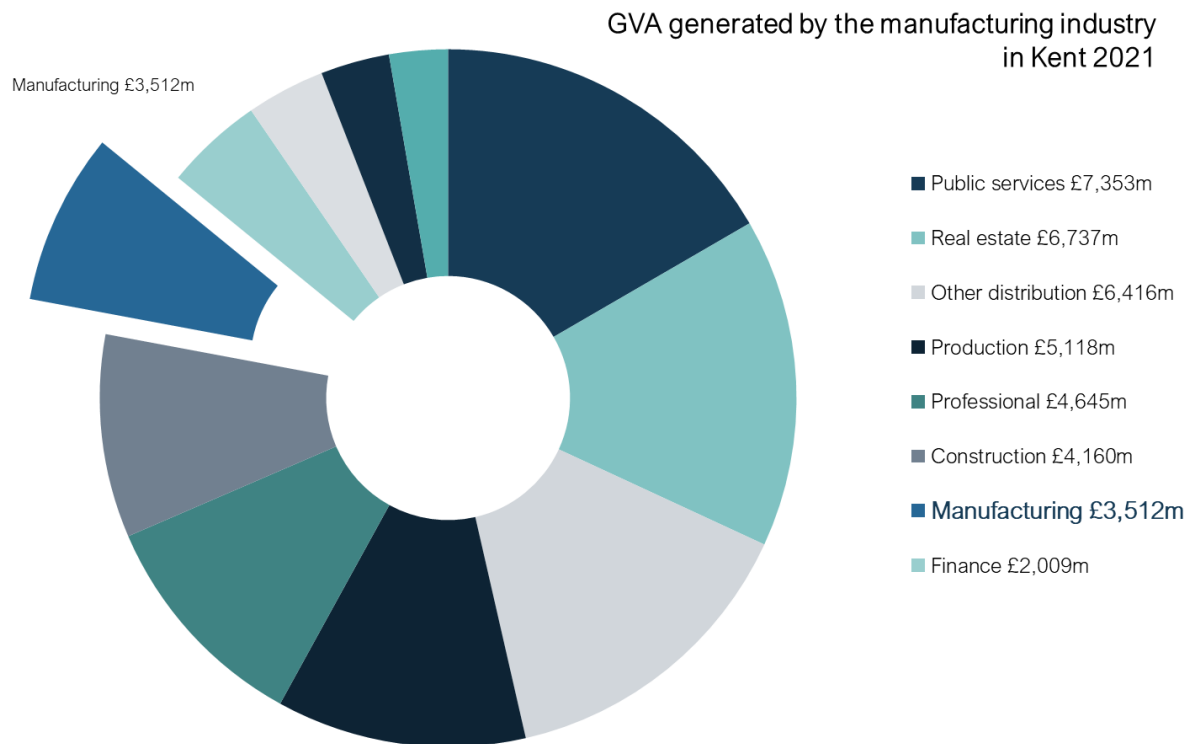
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## Manufacturing GVA

Gross Value Added (GVA) is a measure of Output i.e., the value of the goods and services produced in the economy. It is primarily used to monitor the performance of the national economy and is the measure preferred by the Office for National Statistics (ONS) to measure the overall economic well-being of an area. GVA estimates are available by broad industrial group down to local authority district level. The latest estimates are for 2021.

It is estimated that GVA generated by the manufacturing industry (£3,512m) accounted for 8.2% of the total GVA in Kent in 2021. It generates the seventh highest GVA out of the ten broad industry groups.

**Chart 5: Manufacturing GVA in Kent**



Source: ONS  
Presented by: Kent Analytics, Kent County Council

Manufacturing GVA in Kent fell considerably from 2004 and remained below the level it had been at in 2000 until 2019. In 2020 total GVA fell as a result of the coronavirus pandemic, however manufacturing GVA fell at a greater rate in that year. In 2021, the GVA took a large increase.

By setting the same starting point for both manufacturing and total GVA (2000=100) chart 6 shows the difference in growth between total GVA and manufacturing GVA.

**Chart 6: Growth in manufacturing GVA in Kent**

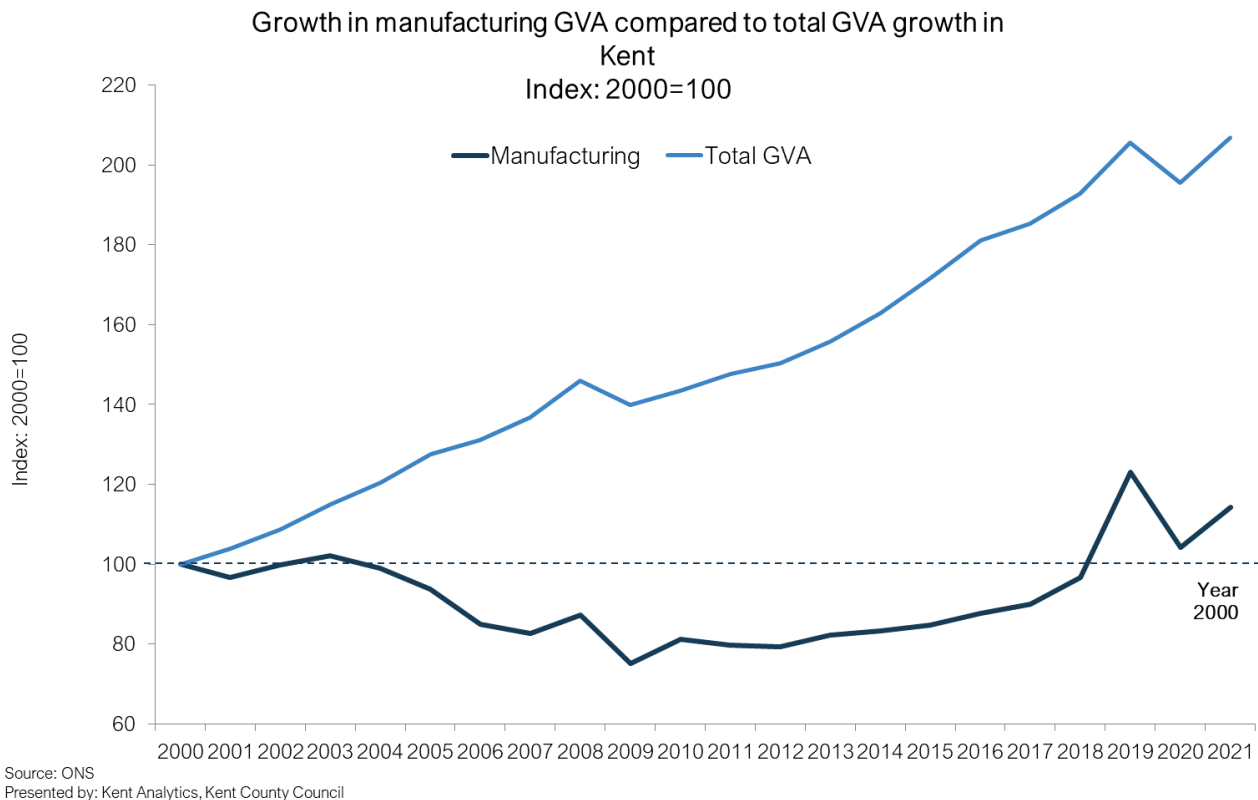


Chart 7 shows the difference in manufacturing GVA growth in Kent compared to the South East region and England.

GVA generated by manufacturing began to decline in Kent in 2004 and continued to decline until 2009. A sharp decline was also seen both nationally and regionally in 2009 reflecting the impact of the recession in 2008/09. Compared to the South East and England as a whole, Kent's manufacturing GVA growth since 2009 has been considerably slower. While in recent years it has increased regionally and nationally above its 2000 level, the recovery in Kent has not been as great. Manufacturing GVA in Kent increased to above the level it had been in 2000 for the first time in 2019, however it was then impacted by the coronavirus pandemic in 2020. The impact was greater in Kent than seen nationally and regionally. Equally, in 2021, the growth in Manufacturing GVA in Kent was greater than that seen nationally and regionally.

## Chart 7: Manufacturing GVA growth in Kent, South East and England

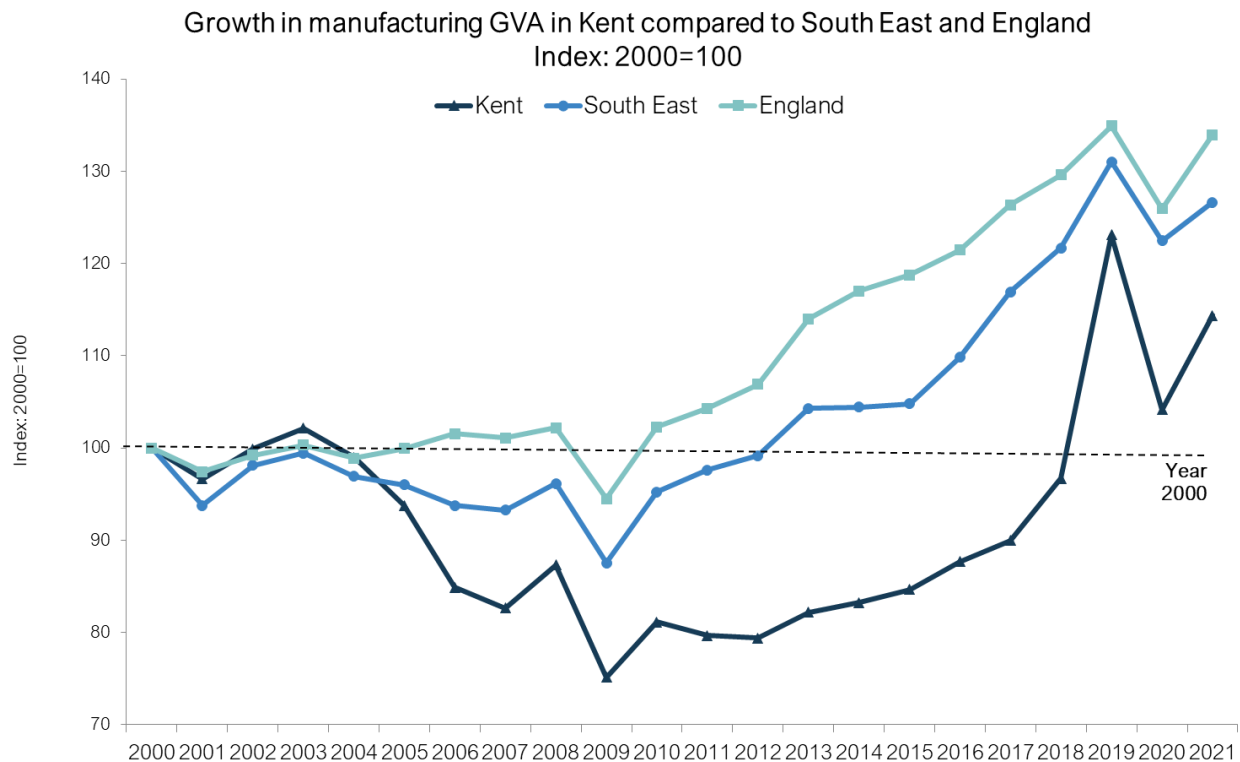


Table 16 shows that at Kent local authority district level Swale had the highest estimated manufacturing GVA in Kent in 2021 (£752m) accounting for 22.2% of the total GVA generated within the district. It also had the highest manufacturing GVA per head of population (£4,940) of any of the Kent local authorities.

Canterbury had the lowest manufacturing GVA in Kent (£116m) equating to £741 per head of population, and accounting for 3.3% of the total GVA generated within the district.

Chart 8 overleaf shows the proportion of GVA generated by manufacturing in Kent local authorities and Medway.

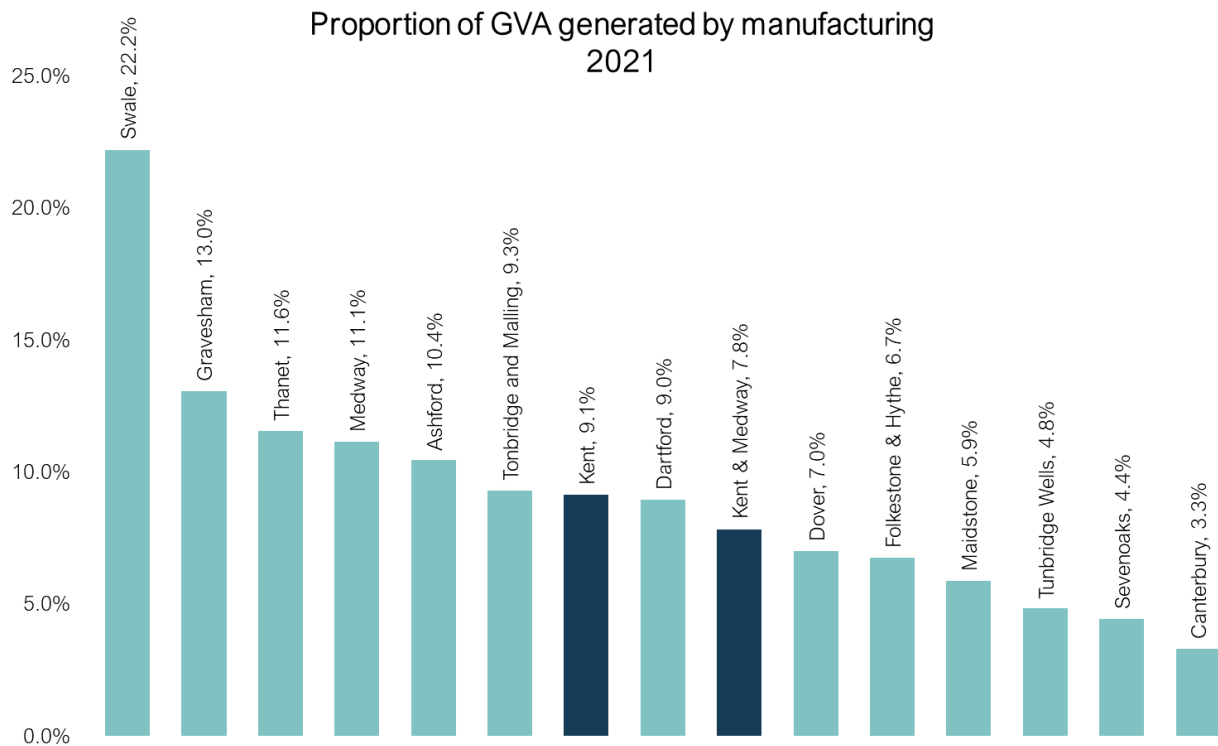
**Table 16: Manufacturing GVA in Kent local authorities**

2021	Total GVA (£m)	Total GVA per head (£)	Manufacturing GVA (£m)	Manufacturing GVA per head (£)
Ashford	3,343	25,094	349	2,620
Canterbury	3,518	22,460	116	741
Dartford	4,019	34,404	360	3,082
Dover	2,303	19,760	161	1,381
Folkestone & Hythe	2,315	21,038	156	1,418
Gravesham	1,909	17,861	249	2,330
Maidstone	4,866	27,539	286	1,619
Sevenoaks	4,165	34,472	184	1,523
Swale	3,388	22,258	752	4,940
Thanet	2,233	15,875	258	1,834
Tonbridge and Malling	5,060	38,228	470	3,551
Tunbridge Wells	3,544	30,644	171	1,479
<b>Kent</b>	<b>38,441</b>	<b>24,352</b>	<b>3,512</b>	<b>2,225</b>
Medway	5,904	21,093	657	2,347
Kent & Medway	44,346	23,862	3,471	1,868
South East	287,359	30,913	24,856	2,674
England	1,682,752	29,754	165,981	2,935

Source: ONS

Presented by: Kent Analytics, Kent County Council

**Chart 8: Percentage of GVA generated by manufacturing in Kent**



Source: ONS  
Presented by: Kent Analytics, Kent County Council

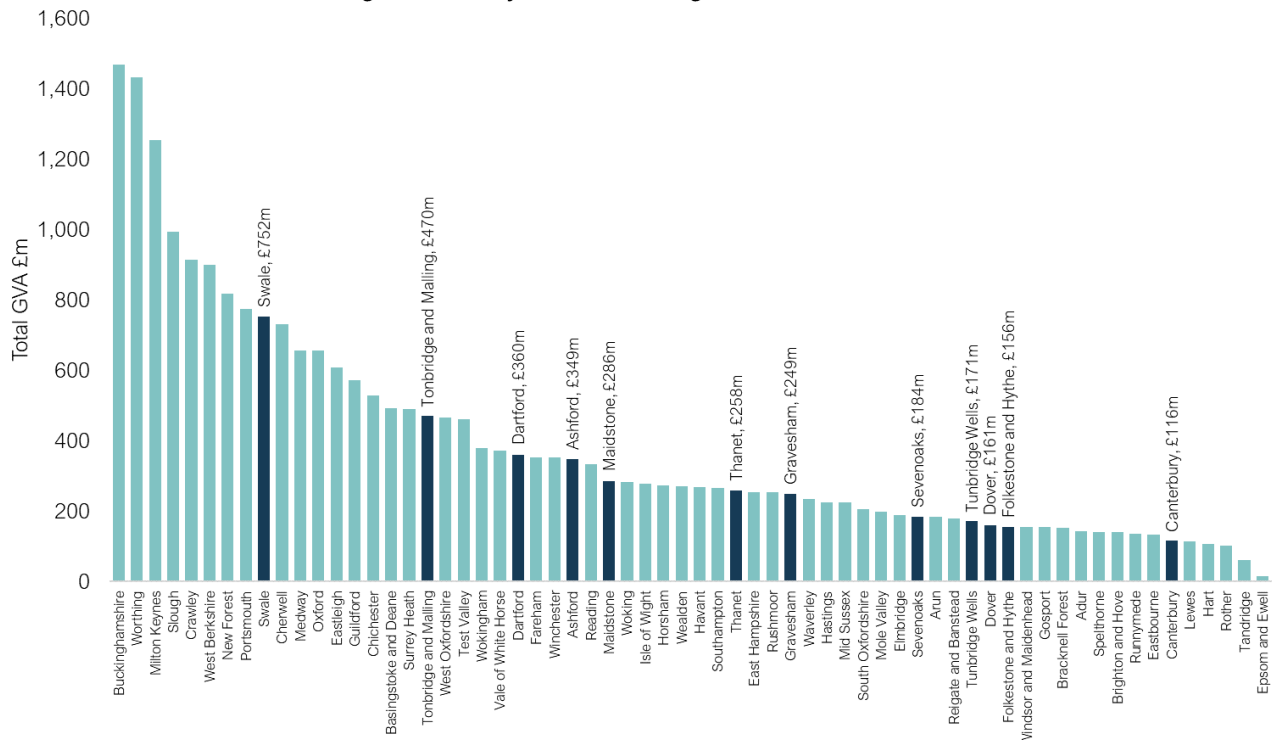
Chart 9 shows manufacturing GVA in all local authorities in the South East.

Generating the ninth highest manufacturing GVA in the region, Swale is the only Kent district to be within the top 20% of authorities in the South East with the highest manufacturing GVA (those generating £593m or more). Canterbury had the sixth lowest manufacturing GVA in the region and is the only Kent district to be in the bottom 20% of authorities in the region (those generating £155m or less).

A table showing the amount of GVA and GVA per head generated by manufacturing in all South East local authorities can be found in annex 2 at the end of this report.

## Chart 9: GVA generated by manufacturing in the South East

Total GVA generated by manufacturing in South East local authorities, 2021



Source: ONS  
Presented by: Kent Analytics, Kent County Council

## Manufacturing Industry Occupations

Information about the occupations in which residents work is available from the 2021 Census from ONS. This enables us to look at some industry specific occupations related to manufacturing. The data gives us information based upon workplace or residence i.e. it can tell us about people who work in an area (but may not necessarily live there) and people who live in an area (but may not necessarily live there).

The **workplace based data** shows that 5.5% of the population working in Kent worked in manufacturing occupations at the time of the Census. As this is based on the workplace data, it does not mean that these people all live in Kent.

Swale district had the highest number (5,619) and proportion (8.8%) of workers working in manufacturing occupations in Kent.



**Table 17: Proportion of working residents working in manufacturing occupations – workplace based**

Place of Work	All in employment in the area	Employed in manufacturing in the area	% employed in manufacturing in the area
Ashford	63,300	4,244	6.7%
Canterbury	69,048	3,083	4.5%
Dartford	62,591	2,726	4.4%
Dover	44,718	2,989	6.7%
Folkestone and Hythe	44,969	1,777	4.0%
Gravesham	40,898	2,192	5.4%
Maidstone	84,473	4,699	5.6%
Sevenoaks	55,749	2,771	5.0%
Swale	64,128	5,619	8.8%
Thanet	54,686	2,934	5.4%
Tonbridge and Malling	65,880	3,548	5.4%
Tunbridge Wells	59,606	2,482	4.2%
<b>Kent</b>	<b>710,056</b>	<b>39,067</b>	<b>5.5%</b>
Medway	116,118	6,444	5.5%
Kent & Medway	826,174	45,511	5.5%
South East	4,418,626	266,685	6.0%
England	27,671,747	2,069,024	7.5%

Source: 2021 Census; Table WP015 WP - Occupation by Industry  
Presented by: Kent Analytics, Kent County Council

The residence based data shows that 5.4% of the working resident population in Kent worked in manufacturing occupations at the time of the Census. As this is based on the residence data, it does not mean that these people all work in Kent.

Swale district had the highest number (5,668) and proportion (8.2%) of resident workers working in manufacturing occupations.

Table 18 shows the proportion of working residents who were working in manufacturing.

**Table 18: Proportion of working residents working in manufacturing occupations – residence based**

2021 Census	All in employment	Employed in manufacturing	% employed in manufacturing
Ashford	63,614	4,237	6.7%
Canterbury	66,166	3,008	4.5%
Dartford	58,821	2,704	4.6%
Dover	50,923	2,701	5.3%
Folkestone and Hythe	47,821	2,011	4.2%
Gravesham	49,757	2,879	5.8%
Maidstone	86,409	4,761	5.5%
Sevenoaks	56,386	2,389	4.2%
Swale	69,200	5,668	8.2%
Thanet	59,184	3,617	6.1%
Tonbridge and Malling	64,423	3,277	5.1%
Tunbridge Wells	55,897	2,190	3.9%
<b>Kent</b>	<b>728,617</b>	<b>39,441</b>	<b>5.4%</b>
Medway	132,608	7,782	5.9%
Kent & Medway	861,225	47,223	5.5%
South East	4,471,775	266,287	6.0%
England	26,405,214	1,921,401	7.3%

Source: 2021 Census; Table TS060 - Industry

Presented by: Kent Analytics, Kent County Council

The highest proportion of Kent resident workers working in manufacturing were working in skilled trades occupations (18.8%) or were process, plant, and machine operatives (18.3%).

A higher proportion of Kent resident workers working in manufacturing (17.8%) were managers, directors, and senior officials than the national average (14.8%).

Table 19 shows the proportion of resident workers working in manufacturing by occupation for Kent, Medway, the South East and England.

**Table 19: Proportion of resident workers working in manufacturing by occupation – residence based**

2021 Census	Kent	Medway	South East	England
<b>Total manufacturing occupations</b>	<b>39,441</b>	<b>7,782</b>	<b>266,287</b>	<b>1,921,401</b>
Managers, directors, and senior officials	17.8%	12.3%	18.8%	14.8%
Professional occupations	11.7%	12.5%	16.2%	12.8%
Associate professional and technical occupations	12.6%	12.9%	14.7%	11.9%
Administrative and secretarial occupations	8.3%	8.4%	8.3%	7.3%
Skilled trades occupations	18.8%	22.6%	16.1%	17.6%
Caring, leisure and other service occupations	0.9%	1.1%	0.8%	0.9%
Sales and customer service occupations	2.9%	3.2%	2.9%	2.7%
Process, plant, and machine operatives	18.3%	18.9%	15.6%	22.5%
Elementary occupations	8.6%	8.3%	6.7%	9.5%

Source: 2021 Census; ONS Flexible Table Builder  
Presented by: Kent Analytics, Kent County Council

## Qualifications

Information about the highest level of qualifications held by workers who live in Kent is available from the 2021 Census from ONS. The data gives us information based upon residence and industry.

The level of qualifications as used in the 2021 Census are:

**Level 1** - 1-4 O Levels/CSE/GCSEs (any grades), Entry Level, Foundation Diploma, NVQ Level 1, Foundation GNVQ, Basic/Essential Skills.

**Level 2** - 5+ O Level (Passes)/CSEs (Grade 1)/GCSEs (Grades A\*-C), School Certificate, 1 A Level/ 2-3 AS Levels/VCEs, Intermediate/Higher Diploma, Welsh Baccalaureate Intermediate Diploma, NVQ level 2, Intermediate GNVQ, City and Guilds Craft, BTEC First/General Diploma, RSA Diploma.

**Level 3** - 2+ A Levels/VCEs, 4+ AS Levels, Higher School Certificate, Progression/Advanced Diploma, Welsh Baccalaureate Advanced Diploma, NVQ Level 3; Advanced GNVQ, City and Guilds Advanced Craft, ONC, OND, BTEC National, RSA Advanced Diploma.

**Level 4 and above** - Degree (for example BA, BSc), Higher Degree (for example MA, PhD, PGCE), NVQ Level 4-5, HNC, HND, RSA Higher Diploma, BTEC Higher level, Foundation degree (NI), Professional qualifications (for example teaching, nursing, accountancy).

### Apprenticeships and other qualifications - Apprenticeship, Vocational/Work-related Qualifications, Foreign Qualifications (not stated/level unknown).

30.4% of Kent workers who were working in manufacturing were qualified to level 4 and above, below the national average of 32.6% and the regional average of 39.2%.

A higher proportion have lower qualifications (up to level 2) than seen nationally.

Table 20 shows the proportion of resident workers working in manufacturing by highest level of qualification for Kent, Medway, the South East and England.

**Table 20: Proportion of resident workers working in manufacturing by highest level of qualification**

2021 Census	Kent	Medway	South East	England
Total working in manufacturing occupations	39,441	7,782	266,287	1,921,401
Level 1 and entry level qualifications	12.9%	14.0%	10.5%	11.5%
Level 2 qualifications	15.1%	15.7%	13.3%	13.9%
Level 3 qualifications	19.9%	20.5%	18.8%	19.0%
Level 4 qualifications or above	30.4%	26.2%	39.2%	32.6%
No qualifications	11.5%	12.2%	9.1%	12.9%
Other	10.3%	11.4%	9.1%	10.1%

Source: 2021 Census; ONS Flexible Table Builder  
Presented by: Kent Analytics, Kent County Council

## Apprenticeships in Engineering and Manufacturing Technologies

The Department for Education (DfE) publishes local authority level figures on apprenticeship starts and achievements by subject area.

Apprenticeship starts counts the number of starts on each apprenticeship programme and is not a count of unique learners. If a learner changes their programme, level, or pathway, they will be treated as a new start. Apprenticeship achievements counts the number of learners who successfully complete an individual aim in an academic year. They are recorded when a learner reaches an end point of assessment and not at the end of learning.

Data is rounded to the nearest 10 at source, therefore zero may not be true zero.

This bulletin presents three levels of apprenticeship:

Intermediate - equivalent or 5 GCSE passes

Advanced - equivalent to 2 passes at A-Level. The apprentice would generally need experience of working in the industry

Higher - equivalent to a foundation degree, a Higher National Certificate (HNC), or the first year of an undergraduate degree up to a full degree. An apprentice would have to already show a high level of education e.g., have completed an advanced apprenticeship; have 2 passes at A level; have a BTEC qualification.

The latest annual data available is for academic year 2022/23.

There were 980 engineering and manufacturing technology apprenticeship starts in Kent in 2022/23. A decrease of just over 200 since the 2021/22 academic year.

Ashford, Maidstone and Swale (110) had the joint highest number of engineering & manufacturing technologies apprenticeship starts while Sevenoaks and Tunbridge Wells (50) had the joint fewest.

**Table 21: Number of Apprenticeship starts from 2019/20 to 2022/23**

Engineering & manufacturing technologies - Starts	2019/20	2020/21	2021/22	2022/23
Ashford	140	110	160	110
Canterbury	80	80	80	80
Dartford	70	80	100	70
Dover	110	100	110	80
Folkestone & Hythe	90	80	80	80
Gravesham	100	70	100	80
Maidstone	130	100	110	110
Sevenoaks	70	50	70	50
Swale	160	100	140	110
Thanet	110	110	100	90
Tonbridge & Malling	110	80	90	70
Tunbridge Wells	40	50	50	50
<b>Kent</b>	<b>1,210</b>	<b>1,010</b>	<b>1,190</b>	<b>980</b>
Medway	700	580	610	730
<b>Kent &amp; Medway</b>	<b>1,910</b>	<b>1,590</b>	<b>1,800</b>	<b>1,710</b>

Source: Department for Education

Presented by: Kent Analytics, Kent County Council

Almost two thirds (63%) of all engineering & manufacturing technologies apprenticeship starts in Kent were advanced apprenticeships.

Maidstone (80) and Swale (70) saw the highest number of advanced engineering & manufacturing technologies apprenticeship starts.

Ashford, Dover, Folkestone & Hythe and Thanet saw the highest number of intermediate engineering & manufacturing technologies apprenticeship starts with 40 starts each. Canterbury, Dartford, Gravesham, Maidstone, Swale, Thanet and Tunbridge Wells saw the highest number of higher engineering & manufacturing technologies apprenticeship starts (10).

Apprenticeship starts in engineering & manufacturing technologies by level of apprenticeship are shown in table 22. Chart 10 shows the table in a visual representation on a 100% stacked bar chart.

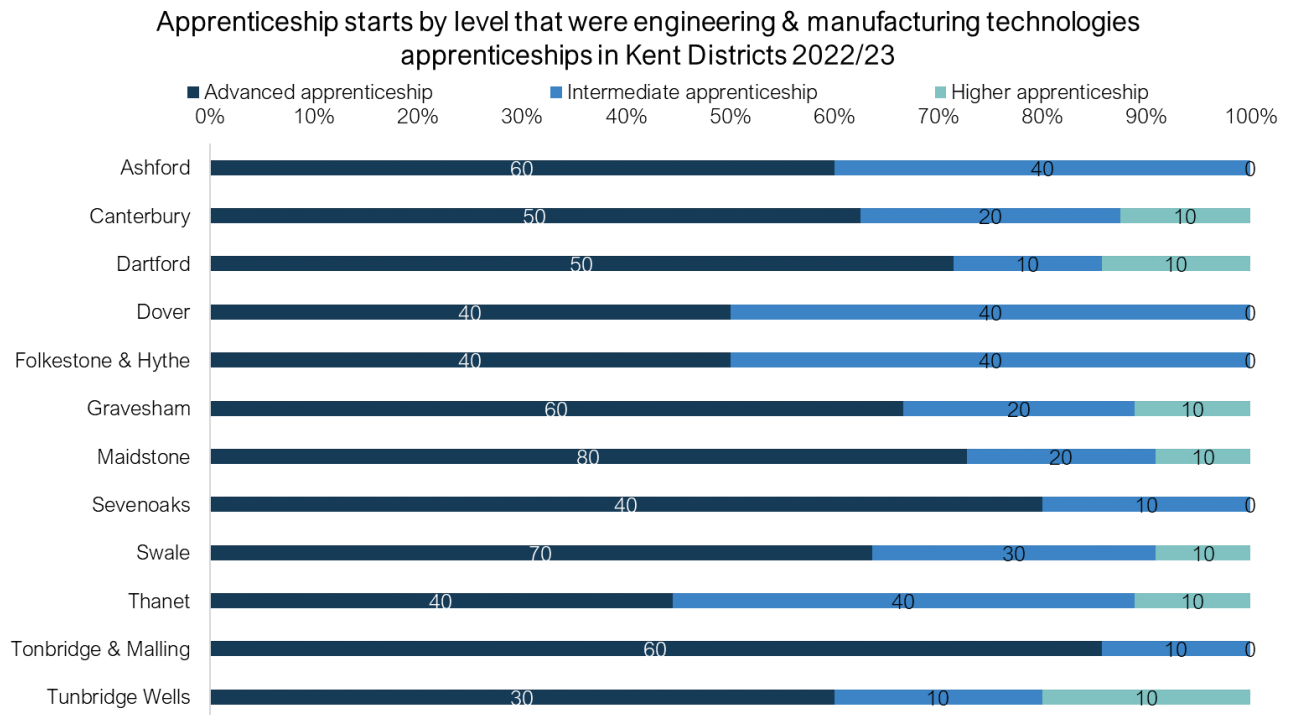
**Table 22: Apprenticeship starts in engineering & manufacturing technologies by level of apprenticeship**

2022/23	Higher apprenticeship	Intermediate apprenticeship	Advanced apprenticeship
Ashford	0	40	60
Canterbury	10	20	50
Dartford	10	10	50
Dover	0	40	40
Folkestone & Hythe	0	40	40
Gravesham	10	20	60
Maidstone	10	20	80
Sevenoaks	0	10	40
Swale	10	30	70
Thanet	10	40	40
Tonbridge & Malling	0	10	60
Tunbridge Wells	10	10	30
<b>Kent</b>	<b>70</b>	<b>290</b>	<b>620</b>
Medway	20	260	440
Kent & Medway	90	550	1,060

Source: Department for Education

Presented by: Kent Analytics, Kent County Council

**Chart 10: Apprenticeship starts by level that were engineering & manufacturing technologies apprenticeships in Kent Districts 2022/23**



Source: Department for Education  
Presented by: Kent Analytics, Kent County Council

Table 23 shows the number of engineering & manufacturing technologies apprenticeship achievements in Kent districts from 2019/20 to 2022/23.

In 2022/23 there were 570 engineering & manufacturing technologies apprenticeship achievements in Kent. This was only slightly lower than the previous year (580).

Ashford and Dover saw the highest number of achievements (70) while Tunbridge Wells saw the fewest (20).

**Table 23: Number of engineering & manufacturing technologies apprenticeship achievements**

Engineering & manufacturing technologies - achievements	2019/20	2020/21	2021/22	2022/23
Ashford	50	40	60	70
Canterbury	40	50	50	40
Dartford	50	60	40	30
Dover	40	40	50	70
Folkestone & Hythe	30	50	50	50
Gravesham	40	50	50	50
Maidstone	40	60	70	60
Sevenoaks	30	40	40	30
Swale	80	80	50	60
Thanet	60	70	40	50
Tonbridge & Malling	40	60	50	40
Tunbridge Wells	20	20	30	20
<b>Kent</b>	<b>520</b>	<b>620</b>	<b>580</b>	<b>570</b>
Medway	170	260	320	350
Kent & Medway	690	880	900	920

Source: Department for Education

Presented by: Kent Analytics, Kent County Council

53% of all engineering & manufacturing technologies apprenticeship achievements in Kent were advanced apprenticeships.

Swale (40) saw the highest number of advanced engineering & manufacturing technologies apprenticeship achievements.

Ashford and Dover saw the highest number of intermediate engineering & manufacturing technologies apprenticeship achievements with 40 each. None of Kent's districts had any higher apprenticeship achievements. However, the data is rounded to the nearest 10 at source, therefore zero may not be true zero.

Apprenticeship achievements in engineering & manufacturing technologies by level of apprenticeship are shown in table 24. Chart 11 shows the table in a visual representation on a 100% stacked bar chart.



**Table 24: Apprenticeship achievements in engineering & manufacturing technologies by level of apprenticeship**

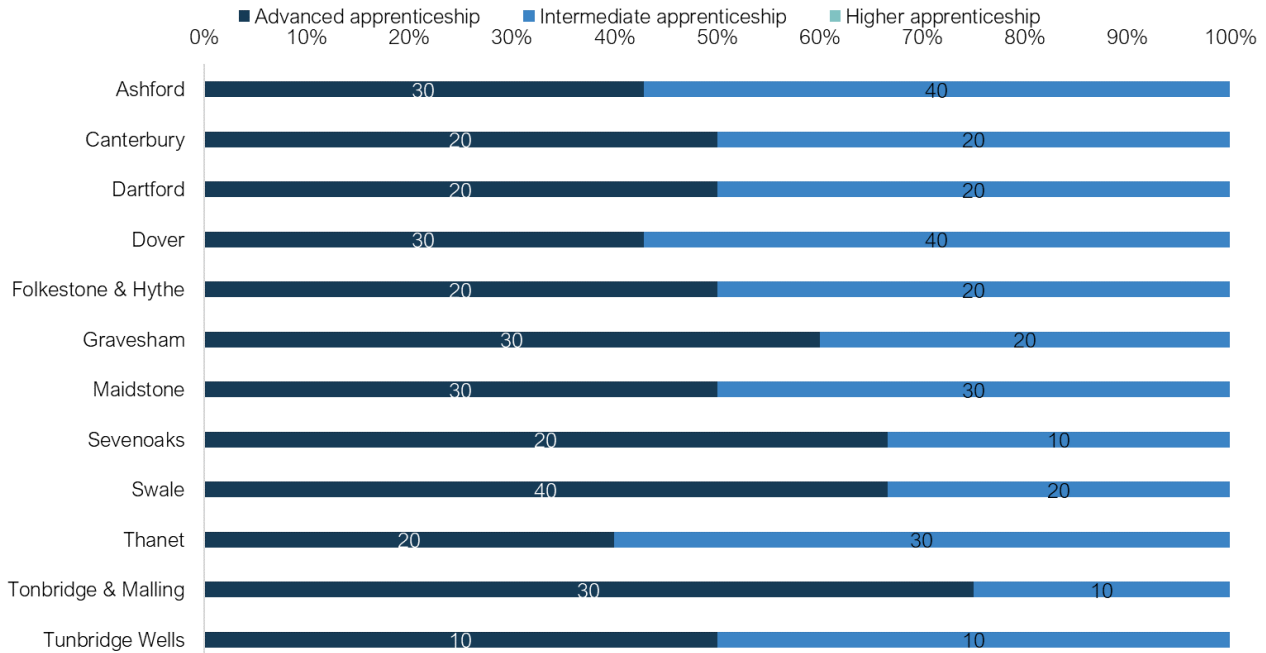
2022/23	Higher apprenticeship	Intermediate apprenticeship	Advanced apprenticeship
Ashford	0	40	30
Canterbury	0	20	20
Dartford	0	20	20
Dover	0	40	30
Folkestone & Hythe	0	20	20
Gravesham	0	20	30
Maidstone	0	30	30
Sevenoaks	0	10	20
Swale	0	20	40
Thanet	0	30	20
Tonbridge & Malling	0	10	30
Tunbridge Wells	0	10	10
<b>Kent</b>	<b>0</b>	<b>270</b>	<b>300</b>
Medway	0	140	200
Kent & Medway	0	410	500

Source: Department for Education

Presented by: Kent Analytics, Kent County Council

## Chart 11: Apprenticeship achievements by level that were engineering & manufacturing technologies apprenticeships in Kent Districts 2022/23

Apprenticeship achievements by level that were engineering & manufacturing technologies apprenticeships in Kent Districts 2022/23



Source: Department for Education  
Presented by: Kent Analytics, Kent County Council

## Annex 1: Manufacturing jobs and enterprises in English local authorities

Area Name	Manufacturing Employees 2022	% Manufacturing Employees 2022	Manufacturing Enterprises 2023	% Manufacturing Enterprises 2023
Copeland	11,000	34.9%	80	4.3%
Barrow-in-Furness	10,500	34.4%	90	5.7%
Pendle	8,500	27.4%	275	8.7%
Ribble Valley	8,000	27.1%	200	5.6%
North Lincolnshire	19,000	25.9%	350	6.1%
Fylde	9,500	23.5%	165	5.0%
Melton	5,000	22.7%	160	6.4%
Stroud	11,000	22.2%	385	6.6%
Rossendale	4,500	22.0%	205	8.1%
Selby	8,000	21.9%	235	6.0%
Ryedale	5,500	21.6%	230	6.3%
Redditch	7,500	20.0%	305	10.1%
Tewkesbury	10,000	19.6%	280	6.5%
Hyndburn	5,500	19.3%	235	9.8%
East Staffordshire	12,000	19.0%	305	6.3%
High Peak	6,000	18.2%	285	7.1%
South Somerset	12,500	18.2%	450	6.5%
Stratford-on-Avon	13,500	18.1%	445	5.2%
South Holland	7,000	17.9%	200	5.0%
Sandwell	22,500	17.9%	955	9.6%
Kingston upon Hull, City of	22,500	17.7%	635	9.5%
South Derbyshire	6,000	17.4%	235	5.5%
Breckland	8,500	17.2%	375	7.3%
Amber Valley	8,500	17.2%	360	7.7%
Bassetlaw	8,500	16.8%	305	7.3%
Kirklees	26,500	16.8%	1450	9.4%
Mid Devon	4,500	16.7%	270	6.1%
North East Lincolnshire	11,000	16.7%	305	6.4%
Erewash	6,500	16.5%	395	9.8%
Sunderland	18,500	16.5%	415	6.9%
North East Derbyshire	4,750	16.4%	240	7.1%
Telford and Wrekin	15,500	16.4%	470	8.1%
Fenland	6,000	16.2%	235	6.4%
East Riding of Yorkshire	21,000	16.2%	845	6.1%
Derby	21,500	15.8%	395	5.3%
Forest of Dean	3,750	15.3%	270	7.2%
Wychavon	8,500	15.3%	435	6.2%
Hinckley and Bosworth	6,500	15.1%	380	8.5%

Area Name	Manufacturing Employees 2022	% Manufacturing Employees 2022	Manufacturing Enterprises 2023	% Manufacturing Enterprises 2023
Dudley	16,500	15.1%	980	9.8%
Hambleton	6,000	14.8%	275	5.2%
Blackburn with Darwen	10,500	14.6%	460	8.3%
North Kesteven	6,000	14.5%	235	5.5%
Barnsley	12,500	14.5%	455	6.7%
Staffordshire Moorlands	4,250	14.4%	275	6.8%
South Staffordshire	5,500	14.3%	270	6.2%
Rotherham	14,500	14.3%	580	7.6%
Tameside	10,000	14.2%	575	8.8%
Huntingdonshire	11,000	14.1%	510	6.6%
Burnley	5,500	14.1%	245	9.2%
Herefordshire, County of	11,500	14.1%	625	5.9%
Tamworth	4,000	14.0%	180	8.0%
West Lancashire	7,000	13.9%	320	7.0%
Plymouth	16,000	13.9%	295	4.7%
Walsall	14,000	13.8%	765	9.4%
Mid Suffolk	5,000	13.7%	310	6.2%
Bolsover	4,500	13.6%	200	9.1%
Derbyshire Dales	4,500	13.6%	265	5.8%
Allerdale	4,750	13.6%	190	4.7%
South Ribble	6,500	13.4%	250	6.3%
Broxtowe	5,000	13.3%	185	5.5%
North Warwickshire	7,000	13.3%	205	7.0%
Stoke-on-Trent	16,500	13.3%	570	8.6%
Calderdale	12,000	13.3%	705	8.2%
North Hertfordshire	7,000	13.2%	385	6.2%
Ashfield	7,500	13.2%	295	9.3%
Knowsley	10,000	13.2%	280	8.3%
Sedgemoor	7,000	13.2%	290	5.3%
Babergh	4,250	13.1%	295	7.1%
Malvern Hills	4,000	13.1%	270	6.3%
Rugby	7,000	13.0%	285	5.8%
North Northamptonshire	19,000	12.8%	900	6.0%
North Devon	5,500	12.8%	230	4.6%
Rochdale	10,000	12.7%	515	7.5%
Boston	4,000	12.5%	160	6.7%
County Durham	22,500	12.5%	915	6.3%
South Cambridgeshire	10,500	12.4%	490	6.1%
Wyre	4,000	12.3%	265	6.6%
Wakefield	20,000	12.3%	735	7.4%
Charnwood	9,000	12.2%	470	6.9%
Oadby and Wigston	2,250	12.2%	180	8.6%

Area Name	Manufacturing Employees 2022	% Manufacturing Employees 2022	Manufacturing Enterprises 2023	% Manufacturing Enterprises 2023
Stockton-on-Tees	10,000	12.2%	275	5.1%
South Hams	4,500	12.0%	315	6.0%
Maldon	2,500	11.9%	250	7.2%
Halton	7,500	11.9%	270	7.6%
Oldham	10,500	11.9%	585	7.9%
Wolverhampton	13,000	11.9%	630	7.1%
Gosport	2,250	11.8%	145	7.9%
Bradford	24,500	11.8%	1250	7.5%
King's Lynn and West Norfolk	7,000	11.7%	330	5.8%
Leicester	20,500	11.7%	1120	8.3%
Hartlepool	3,500	11.7%	135	6.2%
Cheshire East	22,500	11.7%	890	4.6%
Craven	3,750	11.7%	190	5.4%
West Lindsey	3,250	11.6%	215	5.8%
West Oxfordshire	5,500	11.6%	280	4.8%
Nuneaton and Bedworth	5,000	11.5%	315	8.8%
Newark and Sherwood	6,000	11.3%	330	6.5%
<b>Swale</b>	<b>6,000</b>	<b>11.2%</b>	<b>345</b>	<b>6.8%</b>
Scarborough	5,000	11.2%	210	5.0%
Northumberland	11,500	11.0%	590	5.2%
Redcar and Cleveland	4,250	11.0%	220	7.1%
Bolton	13,000	11.0%	635	6.3%
Mendip	5,000	11.0%	355	6.0%
East Cambridgeshire	3,500	10.9%	220	5.5%
Bury	7,500	10.9%	365	4.7%
Wyre Forest	3,750	10.9%	260	6.3%
Lichfield	5,500	10.8%	280	5.8%
Stevenage	5,500	10.7%	160	5.0%
Cherwell	9,000	10.7%	360	5.1%
West Berkshire	11,000	10.7%	380	4.7%
Dorset	16,000	10.7%	1180	6.6%
North West Leicestershire	7,500	10.6%	285	6.6%
Wigan	11,500	10.6%	570	6.1%
Gateshead	9,500	10.4%	345	6.2%
South Tyneside	4,250	10.4%	220	6.6%
Shropshire	13,500	10.4%	810	5.1%
Braintree	5,500	10.2%	470	7.1%
Rutland	1,625	10.2%	105	5.5%
East Hampshire	4,500	10.2%	370	5.8%
South Kesteven	6,000	10.1%	345	5.5%

Area Name	Manufacturing Employees 2022	% Manufacturing Employees 2022	Manufacturing Enterprises 2023	% Manufacturing Enterprises 2023
Adur	2,125	10.1%	160	6.8%
Central Bedfordshire	10,500	10.0%	685	5.6%
South Lakeland	5,000	9.9%	345	5.5%
Test Valley	6,000	9.9%	360	6.1%
Rochford	2,250	9.8%	230	6.3%
Mansfield	4,250	9.8%	205	6.1%
Chichester	6,000	9.8%	350	5.2%
South Gloucestershire	16,000	9.8%	520	5.1%
Gedling	3,250	9.6%	210	5.9%
Basildon	8,500	9.5%	445	5.8%
East Suffolk	9,000	9.5%	510	5.3%
Carlisle	5,500	9.5%	215	4.2%
Solihull	14,000	9.5%	255	3.2%
Eden	2,375	9.3%	145	3.9%
Newcastle-under-Lyme	4,250	9.3%	220	6.1%
East Lindsey	4,250	9.2%	325	5.9%
Wiltshire	19,000	9.2%	1110	5.1%
Coventry	15,000	9.2%	635	6.1%
Worcester	5,000	9.2%	185	5.5%
Broadland	4,500	9.1%	325	6.7%
West Suffolk	9,000	9.1%	440	5.9%
West Devon	1,500	9.1%	135	4.2%
Eastleigh	6,000	9.0%	340	6.5%
Teignbridge	4,250	8.9%	355	6.1%
Stafford	5,500	8.9%	295	5.5%
North Norfolk	3,000	8.8%	225	5.2%
Fareham	4,250	8.8%	270	6.2%
Woking	4,000	8.8%	180	3.9%
South Norfolk	5,000	8.5%	345	5.9%
Ealing	11,000	8.5%	665	3.8%
Torridge	1,750	8.5%	160	4.3%
Cannock Chase	3,500	8.5%	315	8.8%
St. Helens	5,500	8.4%	305	6.4%
Havant	3,500	8.4%	275	6.4%
Peterborough	9,500	8.3%	355	4.4%
Wirral	8,500	8.3%	485	5.5%
New Forest	6,000	8.3%	475	6.0%
Doncaster	11,000	8.3%	550	5.5%
Portsmouth	8,500	8.0%	285	4.7%
Chorley	3,250	7.9%	285	6.3%
Blaby	5,000	7.8%	250	6.1%
Harborough	3,250	7.8%	280	5.2%

Area Name	Manufacturing Employees 2022	% Manufacturing Employees 2022	Manufacturing Enterprises 2023	% Manufacturing Enterprises 2023
North Somerset	7,000	7.8%	405	4.5%
West Northamptonshire	17,000	7.7%	965	5.1%
Cotswold	3,500	7.7%	325	5.3%
Sheffield	20,500	7.7%	1180	6.9%
Darlington	4,000	7.6%	175	5.2%
Cheshire West and Chester	13,000	7.6%	635	4.7%
<b>Dover</b>	<b>2,750</b>	<b>7.6%</b>	<b>180</b>	<b>5.0%</b>
North Tyneside	6,500	7.5%	330	6.1%
Hastings	2,375	7.5%	170	5.8%
Isle of Wight	3,750	7.5%	315	6.7%
Wealden	3,750	7.5%	475	5.6%
Chesterfield	3,750	7.4%	330	9.8%
Stockport	10,000	7.4%	670	5.5%
<b>Ashford</b>	<b>4,500</b>	<b>7.4%</b>	<b>310</b>	<b>4.9%</b>
Great Yarmouth	2,750	7.3%	175	6.3%
<b>Medway</b>	<b>7,000</b>	<b>7.3%</b>	<b>450</b>	<b>5.1%</b>
Cornwall	16,500	7.3%	1375	5.4%
Harlow	3,000	7.1%	205	6.2%
Barking and Dagenham	4,250	7.1%	270	3.4%
Crawley	6,000	7.1%	140	3.9%
Slough	6,000	7.1%	230	3.7%
Broxbourne	2,500	7.0%	215	4.9%
Castle Point	1,500	7.0%	165	5.1%
Lincoln	4,000	7.0%	125	4.7%
Brent	8,500	7.0%	540	3.5%
Surrey Heath	3,250	7.0%	175	3.9%
Bournemouth, Christchurch and Poole	13,000	7.0%	830	5.4%
Bedford	5,500	6.9%	375	5.2%
Worthing	3,250	6.9%	180	4.6%
Warwick	6,500	6.9%	330	4.7%
Buckinghamshire	17,000	6.8%	1380	4.4%
Arun	3,250	6.6%	345	6.2%
Horsham	3,750	6.6%	420	5.6%
Lewes	2,250	6.6%	260	6.0%
Vale of White Horse	4,750	6.6%	280	4.7%
Gloucester	4,250	6.5%	240	6.3%
Harrogate	5,000	6.5%	435	4.6%
East Hertfordshire	4,250	6.4%	400	5.1%
Blackpool	4,000	6.3%	225	5.4%
Bromsgrove	3,000	6.3%	260	5.1%

Area Name	Manufacturing Employees 2022	% Manufacturing Employees 2022	Manufacturing Enterprises 2023	% Manufacturing Enterprises 2023
Uttlesford	2,750	6.1%	300	5.3%
Bexley	4,500	6.0%	345	4.0%
Birmingham	32,500	6.0%	2050	5.5%
<b>Thanet</b>	<b>2,500</b>	<b>5.9%</b>	<b>255</b>	<b>5.7%</b>
Leeds	29,000	5.9%	1575	5.4%
Milton Keynes	10,500	5.8%	520	4.2%
Swindon	6,500	5.8%	310	4.4%
Luton	6,000	5.6%	310	3.9%
<b>Sevenoaks</b>	<b>2,750</b>	<b>5.6%</b>	<b>295</b>	<b>4.5%</b>
Mid Sussex	3,250	5.5%	320	4.4%
Cheltenham	3,500	5.5%	175	3.4%
Colchester	4,500	5.4%	360	4.8%
Richmondshire	950	5.4%	120	4.3%
Lancaster	3,000	5.3%	250	5.3%
Basingstoke and Deane	4,500	5.3%	325	4.6%
Norwich	4,500	5.2%	225	4.6%
Rushcliffe	2,500	5.2%	230	4.4%
East Devon	2,750	5.2%	330	4.9%
Tendring	2,500	5.1%	280	5.9%
<b>Dartford</b>	<b>3,500</b>	<b>5.1%</b>	<b>210</b>	<b>4.6%</b>
Southend-on-Sea	3,250	5.0%	335	4.8%
Sefton	4,500	5.0%	400	5.1%
Rushmoor	3,000	5.0%	170	5.3%
Somerset West and Taunton	3,500	5.0%	305	4.5%
Welwyn Hatfield	4,000	4.9%	205	4.1%
Nottingham	10,000	4.9%	550	5.7%
<b>Gravesham</b>	<b>1,625</b>	<b>4.9%</b>	<b>195</b>	<b>4.8%</b>
Rother	1,375	4.9%	220	5.3%
<b>Tonbridge and Malling</b>	<b>3,250</b>	<b>4.9%</b>	<b>260</b>	<b>4.3%</b>
Guildford	4,000	4.8%	225	3.2%
South Oxfordshire	3,000	4.8%	385	4.8%
Trafford	8,000	4.7%	405	3.6%
Warrington	6,500	4.7%	405	4.8%
<b>Folkestone and Hythe</b>	<b>1,875</b>	<b>4.7%</b>	<b>185</b>	<b>4.9%</b>
Hart	1,625	4.6%	165	3.7%
Wokingham	4,250	4.6%	305	3.6%
Enfield	5,000	4.5%	520	3.5%
<b>Maidstone</b>	<b>3,500</b>	<b>4.5%</b>	<b>390</b>	<b>4.9%</b>
Thurrock	3,250	4.4%	295	4.3%
Haringey	3,250	4.4%	515	3.9%
Middlesbrough	2,750	4.4%	190	5.6%



Area Name	Manufacturing Employees 2022	% Manufacturing Employees 2022	Manufacturing Enterprises 2023	% Manufacturing Enterprises 2023
Preston	4,250	4.4%	290	5.1%
Hertsmere	2,500	4.3%	250	3.3%
Bath and North East				
Somerset	4,000	4.3%	355	4.2%
Torbay	2,125	4.3%	200	4.8%
Chelmsford	3,750	4.2%	355	4.4%
Eastbourne	1,625	4.2%	125	3.9%
Epping Forest	2,250	4.1%	345	4.1%
<b>Tunbridge Wells</b>	<b>2,125</b>	<b>4.1%</b>	<b>250</b>	<b>4.1%</b>
Liverpool	11,000	4.0%	620	4.3%
Salford	6,000	3.8%	425	3.9%
Southampton	4,250	3.8%	355	4.7%
Spelthorne	1,500	3.8%	165	3.6%
Winchester	3,500	3.8%	310	3.8%
Bracknell Forest	2,125	3.7%	165	3.6%
Hillingdon	7,000	3.6%	525	3.7%
York	4,000	3.6%	275	3.9%
Brentwood	1,125	3.5%	175	4.1%
Mole Valley	1,625	3.5%	180	3.4%
Bristol, City of	10,500	3.5%	765	4.2%
Newcastle upon Tyne	6,500	3.4%	345	3.9%
Merton	2,500	3.3%	345	3.1%
Greenwich	2,750	3.1%	335	3.4%
Elmbridge	2,000	3.1%	235	2.8%
Oxford	3,750	3.1%	125	2.5%
Dacorum	3,500	3.0%	300	3.8%
Newham	4,000	3.0%	425	3.2%
Waltham Forest	2,375	3.0%	450	3.8%
Havering	2,500	2.9%	370	3.6%
Kingston upon Thames	2,250	2.9%	295	3.4%
Manchester	12,500	2.9%	745	3.3%
Reigate and Banstead	2,125	2.9%	220	3.2%
Waverley	1,500	2.9%	265	3.3%
Exeter	2,750	2.9%	210	4.7%
St Albans	1,750	2.8%	245	2.9%
Watford	1,875	2.8%	170	3.4%
Ipswich	1,875	2.6%	190	4.0%
<b>Canterbury</b>	<b>1,750</b>	<b>2.6%</b>	<b>245</b>	<b>4.4%</b>
Tandridge	850	2.6%	175	3.5%
Harrow	1,875	2.5%	285	1.9%
Three Rivers	950	2.3%	195	3.7%
Barnet	3,250	2.3%	650	2.6%

Area Name	Manufacturing Employees 2022	% Manufacturing Employees 2022	Manufacturing Enterprises 2023	% Manufacturing Enterprises 2023
Hounslow	3,500	2.2%	380	2.9%
Bromley	2,250	2.1%	445	3.1%
Runnymede	1,250	2.1%	170	3.9%
Windsor and Maidenhead	2,000	2.1%	330	3.6%
Sutton	1,750	1.9%	245	3.0%
Croydon	2,250	1.8%	415	2.8%
Hackney	3,000	1.8%	760	3.0%
Lewisham	1,250	1.8%	295	3.0%
Redbridge	1,500	1.8%	385	2.7%
Brighton and Hove	2,500	1.7%	415	2.9%
Westminster	13,000	1.6%	950	1.8%
Reading	1,875	1.6%	235	3.6%
Wandsworth	1,875	1.5%	430	2.8%
Isles of Scilly	20	1.5%	5	2.5%
Hammersmith and Fulham	2,000	1.4%	295	2.5%
Richmond upon Thames	1,125	1.4%	280	2.3%
Cambridge	1,375	1.3%	165	3.3%
Epsom and Ewell	400	1.3%	100	2.8%
Islington	3,000	1.2%	570	2.6%
Lambeth	1,750	1.2%	340	2.6%
Camden	4,000	1.0%	910	2.6%
Kensington and Chelsea	1,375	1.0%	275	2.1%
Southwark	2,750	0.9%	445	2.8%
Tower Hamlets	2,500	0.8%	460	2.8%
City of London	2,250	0.4%	310	1.4%

## Annex 2: Manufacturing GVA & GVA per head in South East Local Authorities

Area name	Area code	Manufacturing GVA (£m) 2020	Manufacturing GVA per head 2020
Worthing	E07000229	1432	12,781
Crawley	E07000226	915	7,656
Slough	E06000039	993	6,238
West Berkshire	E06000037	900	5,548
Surrey Heath	E07000214	489	5,360
<b>Swale</b>	<b>E07000113</b>	<b>752</b>	<b>4,864</b>
New Forest	E07000091	818	4,649
Cherwell	E07000177	730	4,447
Eastleigh	E07000086	608	4,376
Milton Keynes	E06000042	1253	4,288
Chichester	E07000225	529	4,195
Oxford	E07000178	657	4,024
West Oxfordshire	E07000181	467	3,994
Guildford	E07000209	572	3,927
Portsmouth	E06000044	774	3,714
<b>Tonbridge and Malling</b>	<b>E07000115</b>	<b>470</b>	<b>3,516</b>
Test Valley	E07000093	461	3,470
Fareham	E07000087	353	3,082
<b>Dartford</b>	<b>E07000107</b>	<b>360</b>	<b>3,030</b>
Winchester	E07000094	353	2,710
Woking	E07000217	282	2,707
Basingstoke and Deane	E07000084	493	2,625
Buckinghamshire	E06000060	1468	2,620
Vale of White Horse	E07000180	372	2,618
<b>Ashford</b>	<b>E07000105</b>	<b>349</b>	<b>2,574</b>
Rushmoor	E07000092	253	2,503
Hastings	E07000062	226	2,494
<b>Gravesham</b>	<b>E07000109</b>	<b>249</b>	<b>2,328</b>
Medway	E06000035	657	2,324
Mole Valley	E07000210	199	2,267
Adur	E07000223	144	2,226
Havant	E07000090	269	2,155
Wokingham	E06000041	379	2,094
East Hampshire	E07000085	255	2,003
Isle of Wight	E06000046	277	1,967
Reading	E06000038	333	1,905
Gosport	E07000088	154	1,872
<b>Thanet</b>	<b>E07000114</b>	<b>258</b>	<b>1,834</b>
Horsham	E07000227	272	1,829

Area name	Area code	Manufacturing GVA (£m) 2020	Manufacturing GVA per head 2020
Waverley	E07000216	234	1,799
Wealden	E07000065	270	1,656
<b>Maidstone</b>	<b>E07000110</b>	<b>286</b>	<b>1,585</b>
Runnymede	E07000212	137	1,548
<b>Sevenoaks</b>	<b>E07000111</b>	<b>184</b>	<b>1,519</b>
<b>Tunbridge Wells</b>	<b>E07000116</b>	<b>171</b>	<b>1,474</b>
Mid Sussex	E07000228	224	1,446
<b>Folkestone and Hythe</b>	<b>E07000112</b>	<b>156</b>	<b>1,415</b>
<b>Dover</b>	<b>E07000108</b>	<b>161</b>	<b>1,371</b>
Spelthorne	E07000213	141	1,362
South Oxfordshire	E07000179	205	1,350
Elmbridge	E07000207	188	1,343
Eastbourne	E07000061	133	1,301
Bracknell Forest	E06000036	152	1,198
Reigate and Banstead	E07000211	179	1,165
Lewes	E07000063	114	1,132
Arun	E07000224	184	1,106
Rother	E07000064	101	1,073
Hart	E07000089	108	1,070
Southampton	E06000045	265	1,049
Windsor and Maidenhead	E06000040	156	1,008
<b>Canterbury</b>	<b>E07000106</b>	<b>116</b>	<b>736</b>
Tandridge	E07000215	60	676
Brighton and Hove	E06000043	141	507
Epsom and Ewell	E07000208	16	197

## Related documents

Further information about other industrial sectors can be found on our [Business in Kent](#) webpages.

Counts of employee jobs in Kent by industrial sector can be found in the [Employment](#) section of our website.