

## Gross Value Added (GVA) at 2016

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This bulletin looks at Gross Value Added (GVA) in Kent districts. It presents the latest official estimates of GVA, GVA per head and GVA by Industry for Kent and Medway and the Kent local authority districts.

Comparisons are made with the South East Region and England.

- GVA in Kent & Medway is estimated at £39,021m
- Since last year GVA in Kent and Medway has grown by 3.3%, a lower rate of growth than seen nationally (+3.8%) but higher than the South East (+2.9%)
- GVA in Kent & Medway has grown by 84.4% since 1998, a slightly slower rate than the UK (+96.1%) and the South East (+92.8%)
- GVA per head in Kent & Medway is £21,435. This is below the UK figure of £26,621 and the figure of £28,683 for the South East.
- Medway authority has the highest total GVA in Kent and Maidstone district has the highest total GVA (£3,842m) of all the Kent districts.
- Gravesham has the lowest GVA in Kent (£1,846m).
- Dartford district has the highest GVA per head (£30,073) the lowest is Thanet with £15,222 per head
- Distribution, transport, accommodation and food industries created the highest GVA in Kent (£7,677m)
- Over the last 5 years Real estate saw the biggest increase in GVA in real terms (+£1,567m) while production industries saw the highest percentage growth in GVA (+32.6%)

## What is 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 now the measure preferred by the Office for National Statistics (ONS) to measure the overall economic well-being of an area.

## How does it relate to Gross Domestic Product (GDP)?

GVA is used in the estimation of Gross Domestic Product (GDP). GDP is a key indicator of the state of the whole economy.

$$\text{GVA} + \text{taxes on products} - \text{subsidies on products} = \text{GDP}$$

## GVA per head

GVA at local level (NUTS 3) is a measure of the increase in the value of the economy due to the production of goods and services. Regional balanced GVA are a new set of estimates that bring together the strengths of the two previously published estimates, produced on both the income and production approaches. It gives users a single measure of the activity of the economy in a region.

Estimates are measured at current basic prices, which include the effect of inflation.

GVA figures are workplace-based (i.e. based on the Output produced at the workplace). Comparative measures of GVA per Head (also described as GVA per Capita) - where GVA is expressed as a value for each member of the resident population - tend to produce slightly misleading results. Areas where there is a high level of commuting out of the area, such as is seen in Kent, produce an understated level of GVA per head. This is because the “wealth creation” of those who commute, is counted at their workplace. Kent’s location means that many of the workers who live in Kent but work outside the county commute to London, and the wealth creation of these workers will be counted there. Conversely, London’s GVA per head figure will be overstated, as London is a major importer of labour.

Additionally those areas with a high retirement population will also produce understated estimates of GVA per head, because of this mixing of Workplace and Resident-based measures.

Despite these limitations, the GVA and GVA per Head measures are widely used to indicate the economic well-being of an area and to provide comparison/benchmarking with other areas.

Further information on these statistics can be found on the [Office for National Statistics website](#).

## Published data

GVA statistics are published to NUTS areas (Nomenclature of Territorial Units for Statistics). NUTS geographies are a way of subdividing the country for statistical purposes, based upon the number of resident population, which is comparable with other EU member states. NUTS areas are representative of the following UK statistical geographies:

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### NUTS Level

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<b>1</b>	Regions
<b>2</b>	Counties or groups of counties
<b>3</b>	Counties or groups of unitary/district authorities

Kent and Medway NUTS 2 area is made up of five NUTS 3 areas; Medway, Kent Thames Gateway (Dartford, Gravesham and Swale), East Kent (Canterbury, Dover, Shepway & Thanet), Mid Kent (Ashford & Maidstone) and West Kent (Sevenoaks, Tonbridge & Malling and Tunbridge Wells).

In March 2017, in response to user need, ONS decided to publish district level GVA statistics for the first time. These included total GVA, GVA per head and total GVA per industry for all local authority districts in the UK.

The methodology ONS used to create these statistics is a simplified version of that used to create the official NUTS3 level statistics. Seven aggregated components of GVA at NUTS3 level are broken down to local authorities according to proportions calculated from the following datasets.

- Business Register Employment Survey (BRES) was used for: Compensation of Employees; Holding gains; Mixed income; Taxes; Subsidies
- Annual Business Survey (ABS) was used for: Gross trading profits and surplus
- Population was used for: Non-market capital consumption
- Housing value was used for: Rent

This report looks at GVA estimates from ONS for districts and NUTS areas.

The latest data available is for 2016.

Data for NUTS 3 areas in Kent and Medway is shown in tables 1 and 2, together with regional and national comparisons.

**Table 1: Headline GVA at current basic prices**

		£million																		
NUTS		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
	<b>UNITED KINGDOM</b>	891,162	923,122	976,614	1,012,259	1,061,585	1,124,127	1,177,990	1,248,748	1,318,580	1,383,409	1,422,307	1,392,273	1,422,028	1,458,820	1,505,718	1,564,430	1,638,722	1,684,937	1,747,647
Level 1	South East	134,251	140,633	147,205	151,523	160,305	168,244	173,230	182,060	190,998	198,705	209,697	205,120	209,974	215,135	223,719	232,231	242,064	251,770	258,902
	Kent	18,412	18,781	18,885	19,699	21,168	22,154	23,180	24,855	25,302	26,718	28,414	27,120	28,044	28,907	29,712	30,496	31,560	32,825	33,818
Level 2	Kent & Medway	21,164	21,651	21,872	22,767	24,461	25,601	26,701	28,570	29,142	30,589	32,451	31,066	32,111	32,958	34,115	35,061	36,203	37,837	39,021
Level 3	Medway	2,752	2,870	2,987	3,068	3,293	3,447	3,521	3,715	3,840	3,871	4,037	3,946	4,067	4,051	4,403	4,565	4,643	5,012	5,203
Level 3	Kent Thames Gateway	6,828	7,073	7,210	7,467	7,986	8,411	8,670	9,207	9,370	9,687	10,254	9,732	10,065	10,286	11,001	11,398	11,809	12,654	13,049
Level 3	East Kent	5,731	5,796	5,838	6,099	6,536	6,798	7,108	7,551	7,796	8,251	8,821	8,322	8,464	8,727	8,717	8,893	8,962	9,054	9,313
Level 3	Mid Kent	3,666	3,730	3,733	3,896	4,231	4,447	4,676	5,008	5,082	5,391	5,644	5,482	5,638	5,753	5,998	6,078	6,134	6,338	6,718
Level 3	West Kent	4,939	5,052	5,091	5,305	5,708	5,945	6,247	6,804	6,894	7,260	7,732	7,530	7,944	8,192	8,399	8,692	9,298	9,791	9,941

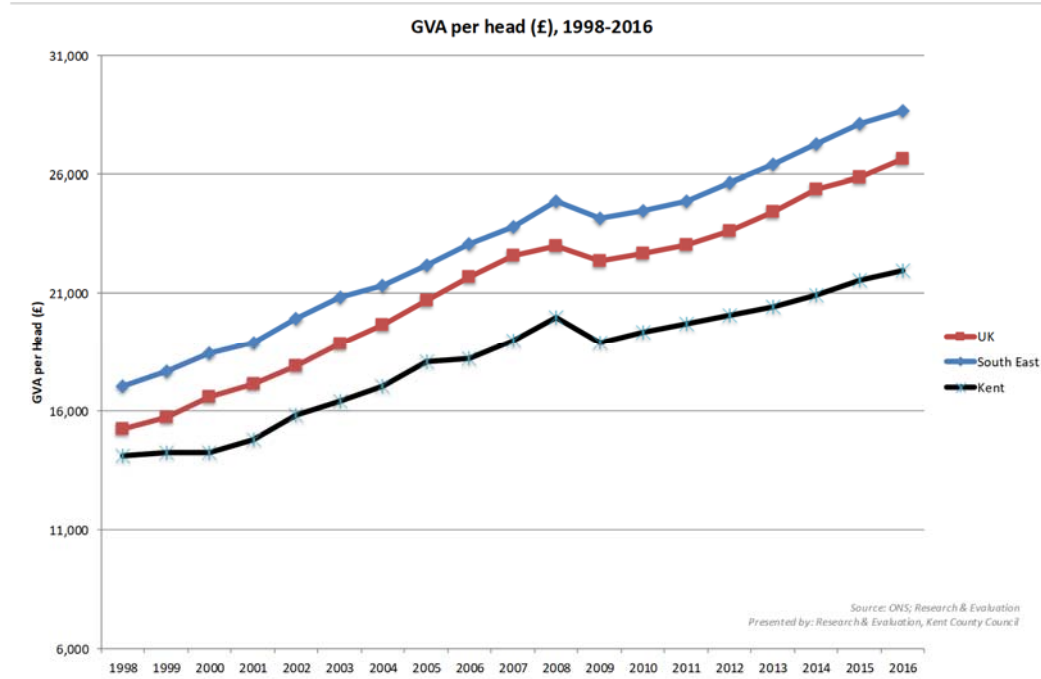
**Table 2: Headline GVA per head at current basic prices**

		£ per head																		
NUTS		1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
	<b>UNITED KINGDOM</b>	15,240	15,730	16,585	17,124	17,882	18,850	19,649	20,670	21,678	22,561	23,006	22,362	22,658	23,052	23,636	24,404	25,368	25,878	26,621
Level 1	South East	17,018	17,678	18,422	18,885	19,926	20,802	21,299	22,195	23,093	23,793	24,886	24,158	24,479	24,863	25,642	26,412	27,278	28,137	28,683
	Kent	14,090	14,263	14,256	14,798	15,809	16,422	17,027	18,074	18,208	18,979	19,963	18,895	19,315	19,712	20,073	20,419	20,896	21,529	21,933
Level 2	Kent & Medway	13,636	13,851	13,903	14,401	15,392	15,999	16,555	17,557	17,736	18,387	19,298	18,323	18,728	19,036	19,512	19,869	20,289	21,006	21,435
Level 3	Medway	11,217	11,649	12,021	12,287	13,158	13,724	14,002	14,736	15,149	15,131	15,634	15,164	15,479	15,293	16,416	16,838	16,944	18,127	18,679
Level 3	Kent Thames Gateway	12,585	12,952	13,091	13,464	14,356	15,044	15,440	16,282	16,445	16,809	17,580	16,531	16,912	17,127	18,106	18,545	18,975	20,114	20,519
Level 3	East Kent	12,551	12,601	12,629	13,169	14,018	14,431	14,927	15,725	16,125	16,881	17,912	16,829	16,921	17,284	17,108	17,327	17,282	17,312	17,622
Level 3	Mid Kent	15,530	15,671	15,554	16,090	17,290	18,013	18,741	19,813	19,792	20,653	21,356	20,510	20,826	20,983	21,621	21,626	21,515	21,950	22,967
Level 3	West Kent	15,590	15,834	15,904	16,523	17,728	18,396	19,185	20,690	20,697	21,509	22,640	21,827	22,788	23,294	23,736	24,434	25,947	27,170	27,348

Source: Office for National Statistics  
Presented by: Research & Evaluation, Kent County Council

Chart 1 shows GVA per head from 1998 to 2016. It can be seen that GVA per head in the UK and the South East have followed the same general trend. GVA per head is lower in Kent and Medway and the gap between Kent and Medway and the South East and the UK has widened.

**Chart 1**



By setting the same starting point for all three areas (1998=100) we can more clearly see the differences in growth. While GVA in Kent and Medway has grown, it has grown at a slower rate than nationally and regionally. This is shown in chart 2.

**Chart2**

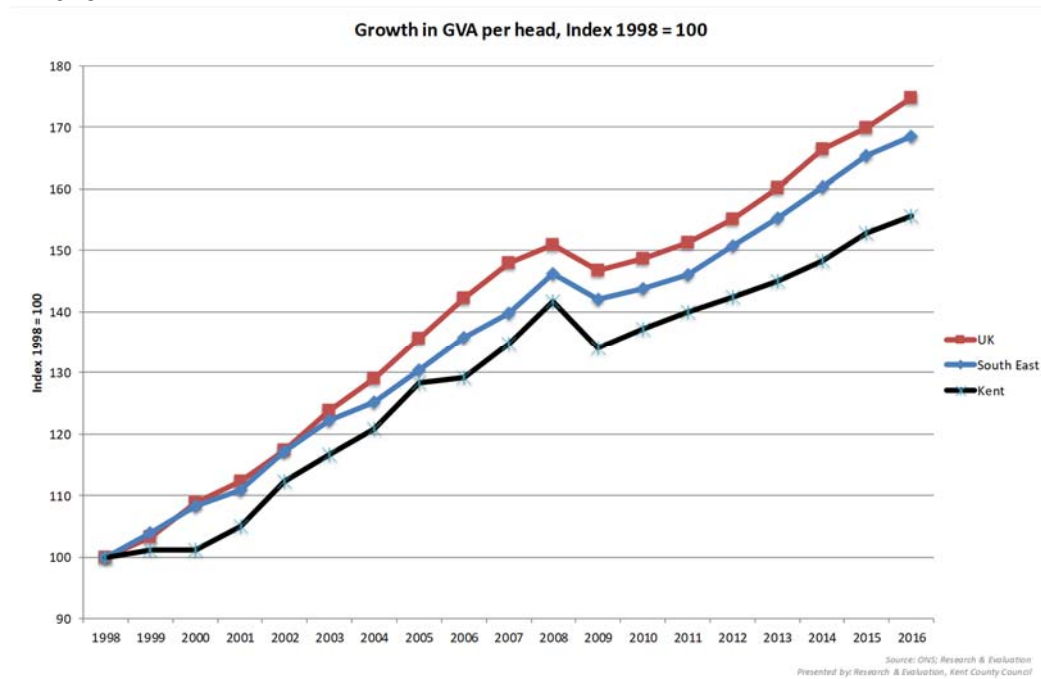
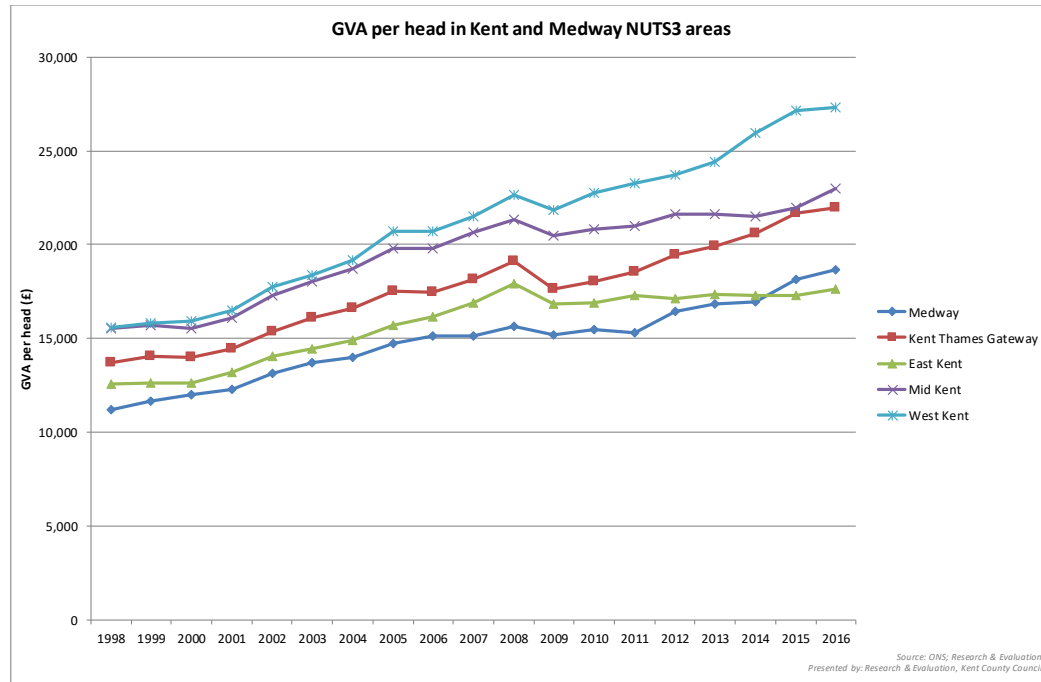


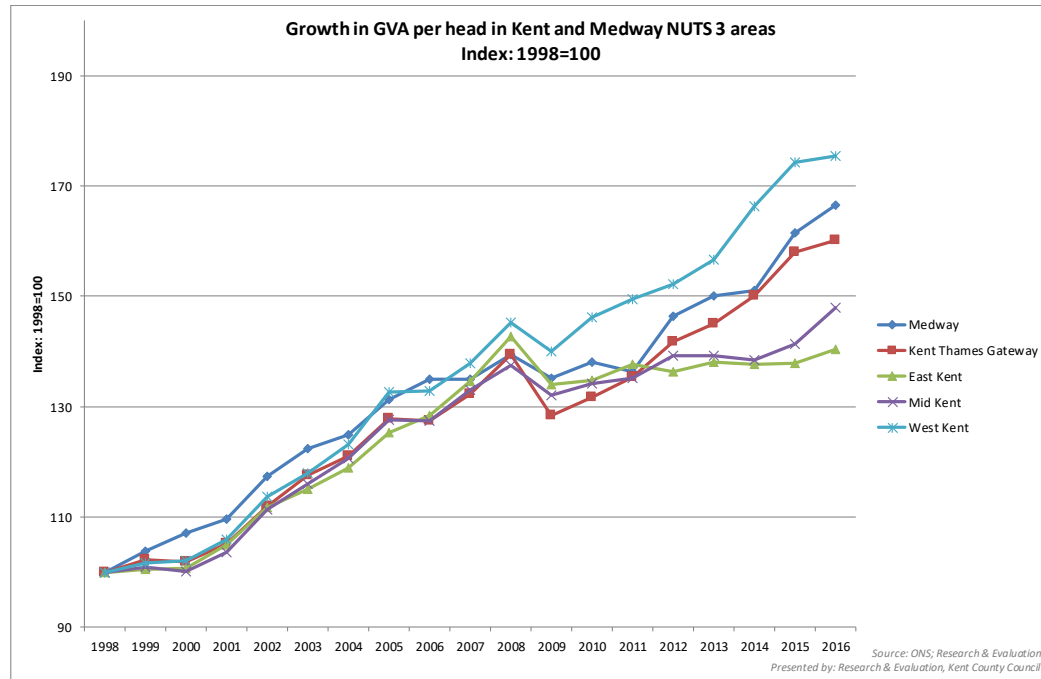
Chart 3 shows GVA per head in NUTS 3 areas in Kent and Medway.

**Chart 3**



By setting the same starting point for these areas (1998=100) we can more clearly see the differences in growth. While GVA has grown in all areas West Kent has seen the strongest growth. East Kent has shown much slower growth than other areas in Kent and Medway. This is shown in chart 4.

**Chart 4**



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### **District estimates**

In March 2017 ONS decided to publish district level GVA statistics for the first time. These included total GVA, GVA per head and total GVA per industry for all local authority districts in the UK.

The methodology ONS used to create these statistics is a simplified version of that used to create the NUTS3 level statistics. Seven aggregated components of GVA at NUTS3 level are broken down to local authorities according to proportions calculated from the following datasets.

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- Annual Business Survey (ABS) was used for: Gross trading profits and surplus
- Population was used for: Non-market capital consumption
- Housing value was used for: Rent

Estimates of GVA and GVA per Head in Kent and Medway local authority districts from 1998 to 2016 are shown in tables 3 and 4.

**Table 3: Total GVA estimate (£m)**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Ashford	1,627	1,662	1,655	1,722	1,865	1,952	2,043	2,186	2,197	2,332	2,452	2,361	2,433	2,494	2,615	2,656	2,695	2,693	2,876
Canterbury	1,745	1,777	1,830	1,930	2,088	2,159	2,278	2,404	2,489	2,640	2,834	2,679	2,760	2,863	2,924	3,021	3,112	3,046	3,222
Dartford	1,545	1,604	1,606	1,668	1,789	1,897	1,974	2,124	2,145	2,274	2,420	2,264	2,306	2,463	2,695	2,756	2,926	3,121	3,174
Dover	1,235	1,245	1,232	1,297	1,379	1,428	1,495	1,563	1,602	1,689	1,808	1,693	1,688	1,698	1,667	1,738	1,735	1,833	1,846
Gravesham	995	1,011	1,019	1,063	1,134	1,191	1,229	1,308	1,310	1,385	1,482	1,370	1,388	1,452	1,496	1,558	1,615	1,758	1,823
Maidstone	2,039	2,068	2,078	2,174	2,366	2,495	2,633	2,822	2,885	3,059	3,192	3,121	3,205	3,259	3,383	3,422	3,439	3,645	3,842
Sevenoaks	1,572	1,597	1,611	1,677	1,795	1,877	1,943	2,140	2,148	2,264	2,389	2,275	2,440	2,567	2,673	2,796	2,804	3,121	3,204
Shepway	1,294	1,297	1,293	1,324	1,429	1,495	1,570	1,713	1,791	1,912	2,034	1,962	1,979	2,083	2,041	2,059	2,034	2,089	2,104
Swale	1,536	1,588	1,598	1,668	1,770	1,876	1,946	2,060	2,075	2,157	2,315	2,152	2,304	2,320	2,407	2,519	2,625	2,763	2,849
Thanet	1,457	1,477	1,483	1,548	1,640	1,716	1,765	1,871	1,914	2,010	2,145	1,988	2,037	2,083	2,085	2,075	2,081	2,086	2,141
Tonbridge and Malling	1,828	1,869	1,878	1,954	2,123	2,196	2,317	2,520	2,566	2,714	2,889	2,826	2,953	3,078	3,093	3,205	3,314	3,496	3,690
Tunbridge Wells	1,539	1,586	1,602	1,674	1,790	1,872	1,987	2,144	2,180	2,282	2,454	2,429	2,551	2,547	2,633	2,691	3,180	3,174	3,047
<b>Kent</b>	<b>18,412</b>	<b>18,781</b>	<b>18,885</b>	<b>19,699</b>	<b>21,168</b>	<b>22,154</b>	<b>23,180</b>	<b>24,855</b>	<b>25,302</b>	<b>26,718</b>	<b>28,414</b>	<b>27,120</b>	<b>28,044</b>	<b>28,907</b>	<b>29,712</b>	<b>30,496</b>	<b>31,560</b>	<b>32,825</b>	<b>33,818</b>
<b>Kent &amp; Medway</b>	<b>21,164</b>	<b>21,651</b>	<b>21,872</b>	<b>22,767</b>	<b>24,461</b>	<b>25,601</b>	<b>26,701</b>	<b>28,570</b>	<b>29,142</b>	<b>30,589</b>	<b>32,451</b>	<b>31,066</b>	<b>32,111</b>	<b>32,958</b>	<b>34,115</b>	<b>35,061</b>	<b>36,203</b>	<b>37,837</b>	<b>39,021</b>
Medway	2,752	2,870	2,987	3,068	3,293	3,447	3,521	3,715	3,840	3,871	4,037	3,946	4,067	4,051	4,403	4,565	4,643	5,012	5,203
Kent Thames Gateway	6,828	7,073	7,210	7,467	7,986	8,411	8,670	9,207	9,370	9,687	10,254	9,732	10,065	10,286	11,001	11,398	11,809	12,654	13,049
East Kent	5,731	5,796	5,838	6,099	6,536	6,798	7,108	7,551	7,796	8,251	8,821	8,322	8,464	8,727	8,717	8,893	8,962	9,054	9,313
Mid Kent	3,666	3,730	3,733	3,896	4,231	4,447	4,676	5,008	5,082	5,391	5,644	5,482	5,638	5,753	5,998	6,078	6,134	6,338	6,718
West Kent	4,939	5,052	5,091	5,305	5,708	5,945	6,247	6,804	6,894	7,260	7,732	7,530	7,944	8,192	8,399	8,692	9,298	9,791	9,941
<b>South East</b>	<b>134,251</b>	<b>140,633</b>	<b>147,205</b>	<b>151,523</b>	<b>160,305</b>	<b>168,244</b>	<b>173,230</b>	<b>182,060</b>	<b>190,998</b>	<b>198,705</b>	<b>209,697</b>	<b>205,120</b>	<b>209,974</b>	<b>215,135</b>	<b>223,719</b>	<b>232,231</b>	<b>242,064</b>	<b>251,770</b>	<b>258,902</b>
<b>England</b>	<b>755,271</b>	<b>784,585</b>	<b>824,105</b>	<b>855,474</b>	<b>899,371</b>	<b>952,628</b>	<b>997,056</b>	<b>1,054,571</b>	<b>1,109,664</b>	<b>1,168,298</b>	<b>1,199,428</b>	<b>1,178,625</b>	<b>1,204,933</b>	<b>1,234,181</b>	<b>1,279,944</b>	<b>1,330,463</b>	<b>1,399,833</b>	<b>1,444,462</b>	<b>1,498,221</b>
<b>United Kingdom</b>	<b>891,162</b>	<b>923,122</b>	<b>976,614</b>	<b>1,012,259</b>	<b>1,061,585</b>	<b>1,124,127</b>	<b>1,177,990</b>	<b>1,248,748</b>	<b>1,318,580</b>	<b>1,383,409</b>	<b>1,422,307</b>	<b>1,392,273</b>	<b>1,422,028</b>	<b>1,458,820</b>	<b>1,505,718</b>	<b>1,564,430</b>	<b>1,638,722</b>	<b>1,684,937</b>	<b>1,747,647</b>

Source: ONS

Presented by: Research & Evaluation, Kent County Council



**Table 4: GVA per head (£)**

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Ashford	16,606	16,608	16,325	16,715	17,868	18,479	19,046	19,980	19,711	20,585	21,404	20,407	20,799	21,063	21,771	21,820	21,860	21,674	22,798
Canterbury	13,159	13,295	13,565	14,256	15,299	15,576	16,205	16,939	17,346	18,182	19,401	18,300	18,567	19,011	19,061	19,452	19,740	19,042	19,838
Dartford	18,258	18,861	18,782	19,405	20,705	21,802	22,361	23,603	23,526	24,653	25,759	23,765	23,937	25,235	27,239	27,404	28,621	30,041	30,073
Dover	11,911	11,970	11,792	12,394	13,148	13,499	13,988	14,543	14,847	15,490	16,459	15,382	15,197	15,199	14,915	15,471	15,345	16,189	16,161
Gravesham	10,595	10,690	10,708	11,097	11,881	12,462	12,814	13,501	13,426	14,061	14,910	13,674	13,732	14,268	14,558	15,017	15,343	16,538	17,068
Maidstone	14,767	14,992	14,989	15,627	16,859	17,664	18,511	19,686	19,855	20,705	21,319	20,588	20,847	20,923	21,507	21,478	21,252	22,158	23,094
Sevenoaks	14,403	14,565	14,707	15,351	16,452	17,176	17,656	19,233	19,093	20,012	21,086	19,999	21,308	22,254	22,964	23,890	23,801	26,358	26,892
Shepway	13,648	13,537	13,410	13,742	14,701	15,172	15,708	16,875	17,478	18,402	19,412	18,559	18,502	19,252	18,776	18,919	18,583	18,985	18,923
Swale	12,941	13,225	13,137	13,547	14,254	14,966	15,458	16,283	16,266	16,628	17,575	16,177	17,069	17,018	17,484	18,100	18,639	19,401	19,643
Thanet	11,607	11,678	11,728	12,213	12,845	13,392	13,705	14,470	14,768	15,386	16,281	15,022	15,258	15,498	15,369	15,172	15,035	14,924	15,222
Tonbridge and Malling	17,382	17,570	17,570	18,131	19,536	20,056	20,980	22,557	22,601	23,504	24,699	23,856	24,597	25,420	25,371	26,057	26,634	27,809	28,988
Tunbridge Wells	15,014	15,393	15,450	16,089	17,178	17,933	18,900	20,250	20,364	20,950	22,058	21,539	22,369	22,101	22,788	23,260	27,389	27,305	26,027
<b>Kent</b>	<b>14,090</b>	<b>14,263</b>	<b>14,256</b>	<b>14,798</b>	<b>15,809</b>	<b>16,422</b>	<b>17,027</b>	<b>18,074</b>	<b>18,208</b>	<b>18,979</b>	<b>19,963</b>	<b>18,895</b>	<b>19,315</b>	<b>19,712</b>	<b>20,073</b>	<b>20,419</b>	<b>20,896</b>	<b>21,529</b>	<b>21,933</b>
<b>Kent &amp; Medway</b>	<b>13,636</b>	<b>13,851</b>	<b>13,903</b>	<b>14,401</b>	<b>15,392</b>	<b>15,999</b>	<b>16,555</b>	<b>17,557</b>	<b>17,736</b>	<b>18,387</b>	<b>19,298</b>	<b>18,323</b>	<b>18,728</b>	<b>19,036</b>	<b>19,512</b>	<b>19,869</b>	<b>20,288.965</b>	<b>21,006.423</b>	<b>21,434.987</b>
Medway	11,217	11,649	12,021	12,287	13,158	13,724	14,002	14,736	15,149	15,131	15,634	15,164	15,479	15,293	16,416	16,838	16,944	18,127	18,679
Kent Thames Gateway	12,585	12,952	13,091	13,464	14,356	15,044	15,440	16,282	16,445	16,809	17,580	16,531	16,912	17,127	18,106	18,545	18,975	20,114	20,519
East Kent	12,551	12,601	12,629	13,169	14,018	14,431	14,927	15,725	16,125	16,881	17,912	16,829	16,921	17,284	17,108	17,327	17,282	17,312	17,622
Mid Kent	15,530	15,671	15,554	16,090	17,290	18,013	18,741	19,813	19,792	20,653	21,356	20,510	20,826	20,983	21,621	21,626	21,515	21,950	22,967
West Kent	15,590	15,834	15,904	16,523	17,728	18,396	19,185	20,690	20,697	21,509	22,640	21,827	22,788	23,294	23,736	24,434	25,947	27,170	27,348
<b>South East</b>	<b>17,018</b>	<b>17,678</b>	<b>18,422</b>	<b>18,885</b>	<b>19,926</b>	<b>20,802</b>	<b>21,299</b>	<b>22,195</b>	<b>23,093</b>	<b>23,793</b>	<b>24,886</b>	<b>24,158</b>	<b>24,479</b>	<b>24,863</b>	<b>25,642</b>	<b>26,412</b>	<b>27,278</b>	<b>28,137</b>	<b>28,683</b>
<b>England</b>	<b>15,470</b>	<b>16,001</b>	<b>16,739</b>	<b>17,300</b>	<b>18,104</b>	<b>19,081</b>	<b>19,864</b>	<b>20,839</b>	<b>21,773</b>	<b>22,738</b>	<b>23,148</b>	<b>22,581</b>	<b>22,889</b>	<b>23,239</b>	<b>23,927</b>	<b>24,700</b>	<b>25,772</b>	<b>26,365</b>	<b>27,108</b>
<b>United Kingdom</b>	<b>15,240</b>	<b>15,730</b>	<b>16,585</b>	<b>17,124</b>	<b>17,882</b>	<b>18,850</b>	<b>19,649</b>	<b>20,670</b>	<b>21,678</b>	<b>22,561</b>	<b>23,006</b>	<b>22,362</b>	<b>22,658</b>	<b>23,052</b>	<b>23,636</b>	<b>24,404</b>	<b>25,368</b>	<b>25,878</b>	<b>26,621</b>

Source: ONS

Presented by: Research & Evaluation, Kent County Council

The following table shows how GVA and GVA per head have changed in Kent districts over the last year.

In 2016 Maidstone district saw the highest estimated total GVA in the county at £3,842m, however when calculated per head of population Dartford district had the highest GVA per head at £30,073.

Gravesham district had the lowest total GVA in 2016 (£1,823m) and Thanet had the lowest GVA per head with £15,222 per person.

All areas in Kent saw GVA increase except for Tunbridge Wells district where total GVA reduced by 127m since 2015, this equates to a reduction of 4.7%. GVA per head in Tunbridge Wells fell by £1,278 per head. The biggest increase was seen in Dartford district which saw GVA increase by £197m (+5.4% over the last year) resulting in an increase of £936 per head of population.

**Table 5: Change 2015-2016**

2015-2016 change	GVA				GVA per head			
	£ (millions)		Change		£ (per head)		Change	
	2015	2016	£ (millions)	%	2015	2016	£ (per head)	%
Ashford	2,693	2,876	183	6.8	21,674	22,798	1,124	5.2
Canterbury	3,046	3,222	176	5.8	19,042	19,838	796	4.2
Dartford	3,121	3,174	53	1.7	30,041	30,073	32	0.1
Dover	1,833	1,846	13	0.7	16,189	16,161	-28	-0.2
Gravesham	1,758	1,823	65	3.7	16,538	17,068	530	3.2
Maidstone	3,645	3,842	197	5.4	22,158	23,094	936	4.2
Sevenoaks	3,121	3,204	83	2.7	26,358	26,892	534	2.0
Shepway	2,089	2,104	15	0.7	18,985	18,923	-62	-0.3
Swale	2,763	2,849	86	3.1	19,401	19,643	242	1.2
Thanet	2,086	2,141	55	2.6	14,924	15,222	298	2.0
Tonbridge & Malling	3,496	3,690	194	5.5	27,809	28,988	1,179	4.2
Tunbridge Wells	3,174	3,047	-127	-4.0	27,305	26,027	-1,278	-4.7
<b>Kent</b>	<b>32,825</b>	<b>33,818</b>			<b>21,529</b>	<b>21,933</b>		
<b>Kent + Medway</b>	<b>37,837</b>	<b>39,021</b>	<b>1,184</b>	<b>3.1</b>	<b>21,006</b>	<b>21,435</b>	<b>429</b>	<b>2.0</b>
Medway	5,012	5,203	191	3.8	18,127	18,679	552	3.0
Kent Thames Gateway	12,654	13,049	395	3.1	20,114	20,519	405	2.0
East Kent	9,054	9,313	259	2.9	17,312	17,622	310	1.8
Mid Kent	6,338	6,718	380	6.0	21,950	22,967	1,017	4.6
West Kent	9,791	9,941	150	1.5	27,170	27,348	178	0.7
<b>South East</b>	<b>251,770</b>	<b>258,902</b>	<b>7,132</b>	<b>2.8</b>	<b>28,137</b>	<b>28,683</b>	<b>546</b>	<b>1.9</b>
<b>United Kingdom</b>	<b>1,684,937</b>	<b>1,747,647</b>	<b>62,710</b>	<b>3.7</b>	<b>25,878</b>	<b>26,621</b>	<b>743</b>	<b>2.9</b>

Source: Office for National Statistics

Presented by: Research & Evaluation, Kent County Council

Looking at total GVA estimates in 2016 chart 5 shows that Kent districts did not generate as much GVA when compared to other areas in the South East region. Four Kent districts (Shepway, Thanet, Dover and Gravesham) were within the bottom 20% in the region.

**Chart 5**

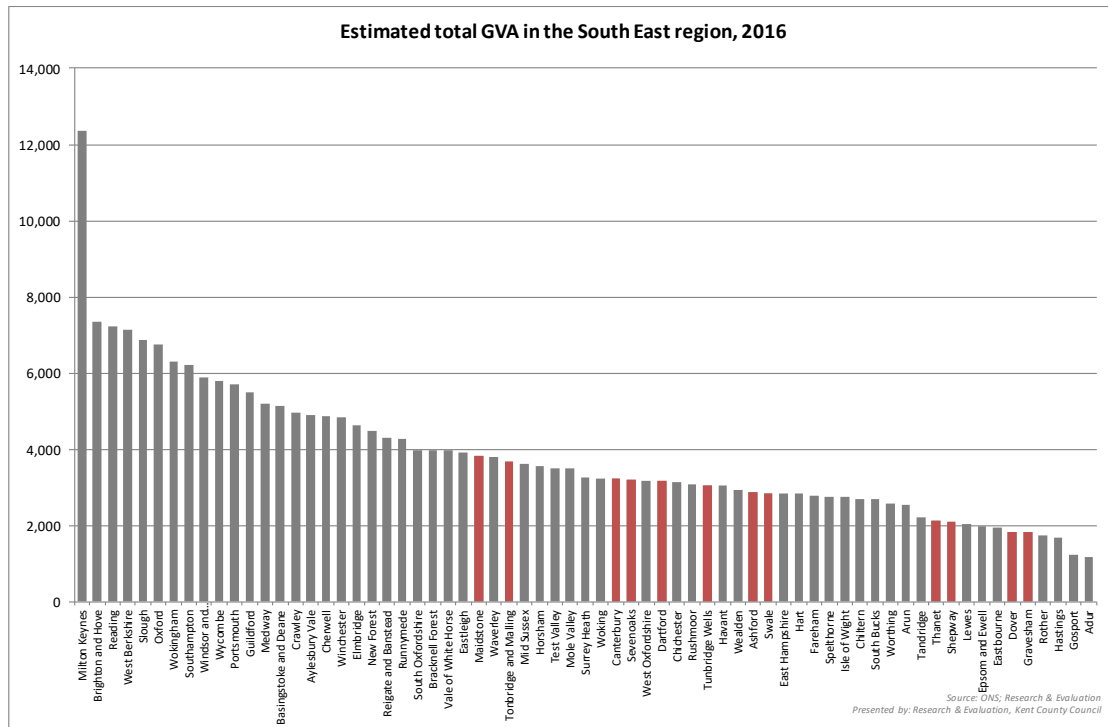
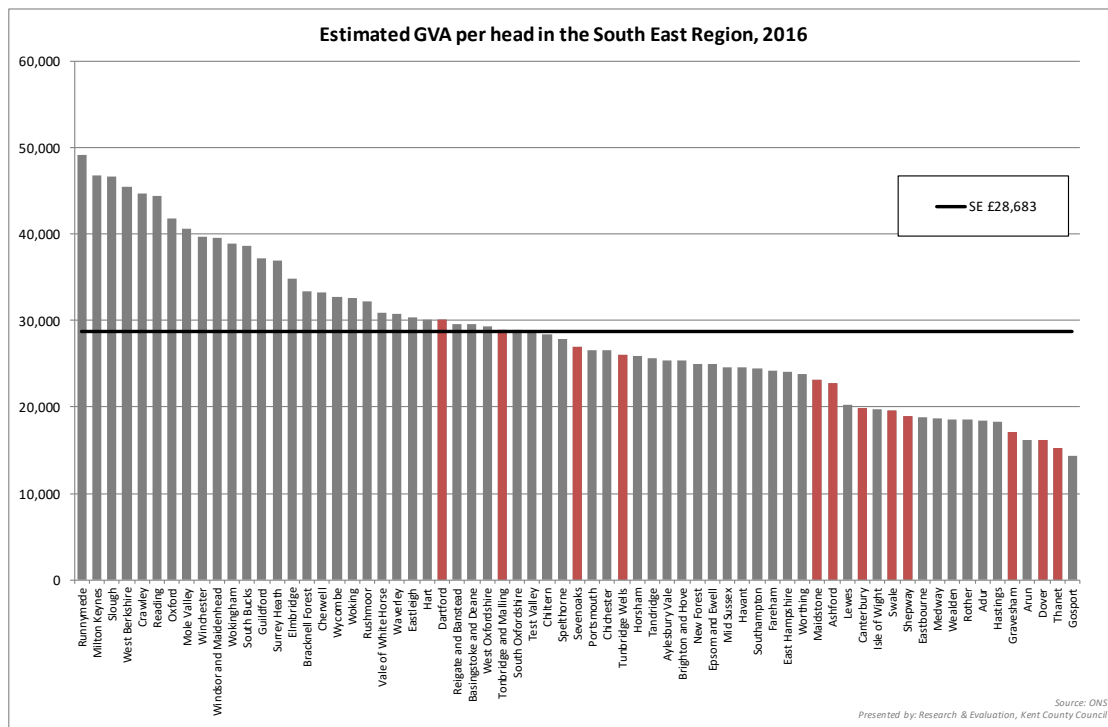


Chart 6 shows the estimated GVA per Head as at 2016 in local authority districts and unitary authorities in the South East region and compares them with the total for the South East as a whole.

**Chart 6**



Only two local authority districts in Kent (Dartford, £30,073 and Tonbridge & Malling £28,988) had GVA per Head which was above the level for the South

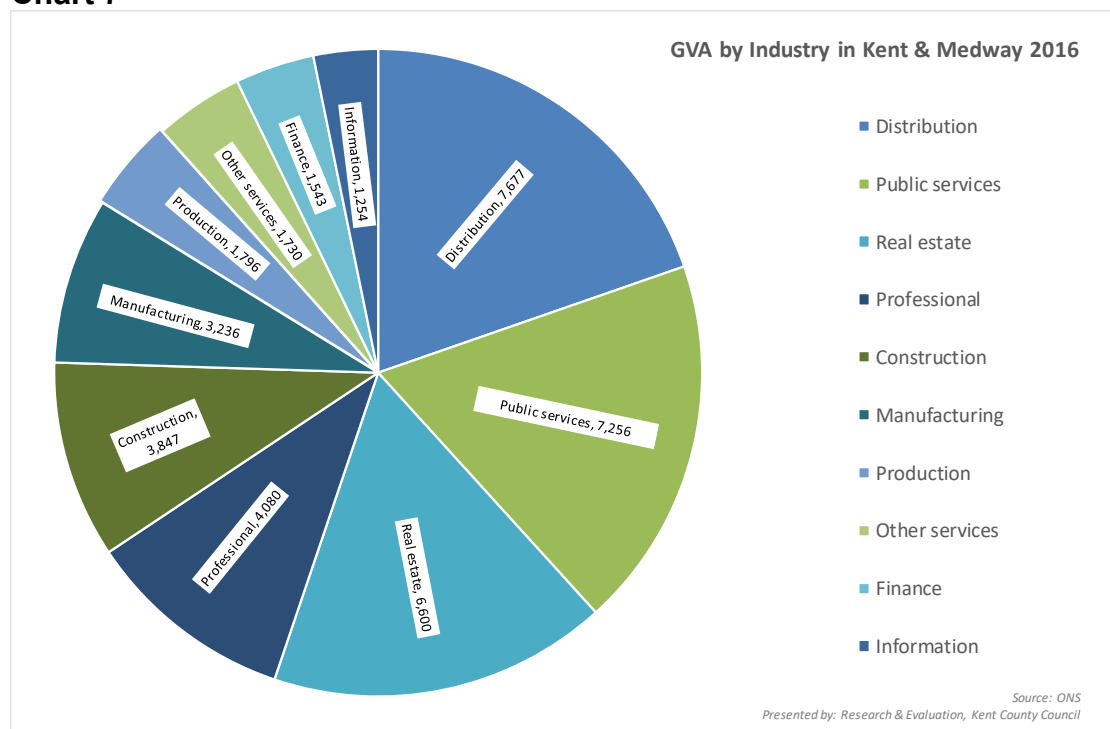
East (£28,683) as a whole. Gravesham, Dover and Thanet districts had the lowest estimated GVA per head out of all the Kent districts (£17,068, £16,161 and £15,222 respectively) and among the lowest in the whole of the South East.

### GVA by Industry

In Kent & Medway the highest proportion of GVA was generated by the Distribution sector accounting for almost a fifth of the GVA generated in Kent (£7,677m). This sector includes distribution, transport, accommodation and food.

Information and communications industries generated £1,254m of GVA in Kent, however this accounts for the smallest proportion of GVA (3.2%) generated in the area.

Chart 7



Professional and administrative activities saw the greatest percentage growth in GVA increasing by 160% since 1998. In real terms this equates to an increase of £2,511m. In real terms the industry which saw the greatest increase in GVA is Public services which saw an increase of £3,776m.

Over recent years it has been the Production sector which has seen the biggest percentage increase creating 32.6% increase in GVA since 2011

(+£442m GVA over the last five years). Real estate industries saw the biggest five year growth in actual GVA increasing by £1,567m.

Manufacturing was the only industry to see a decline since 1998 falling by 6.6%, however over the last five years the output from manufacturing has grown by 21.1%, thus generating £563m more than in 2011.

Over recent years the Public Administration, Education and Health industries have seen a fall in GVA contributing £16m less to the Kent and Medway economy than in 2011.

**Industry definitions can be found at the end of this bulletin.**

Table 6 shows the change in GVA in Kent and Medway by industry since 1998 and 2011.

**Table 6: Change in GVA in Kent & Medway by industry**

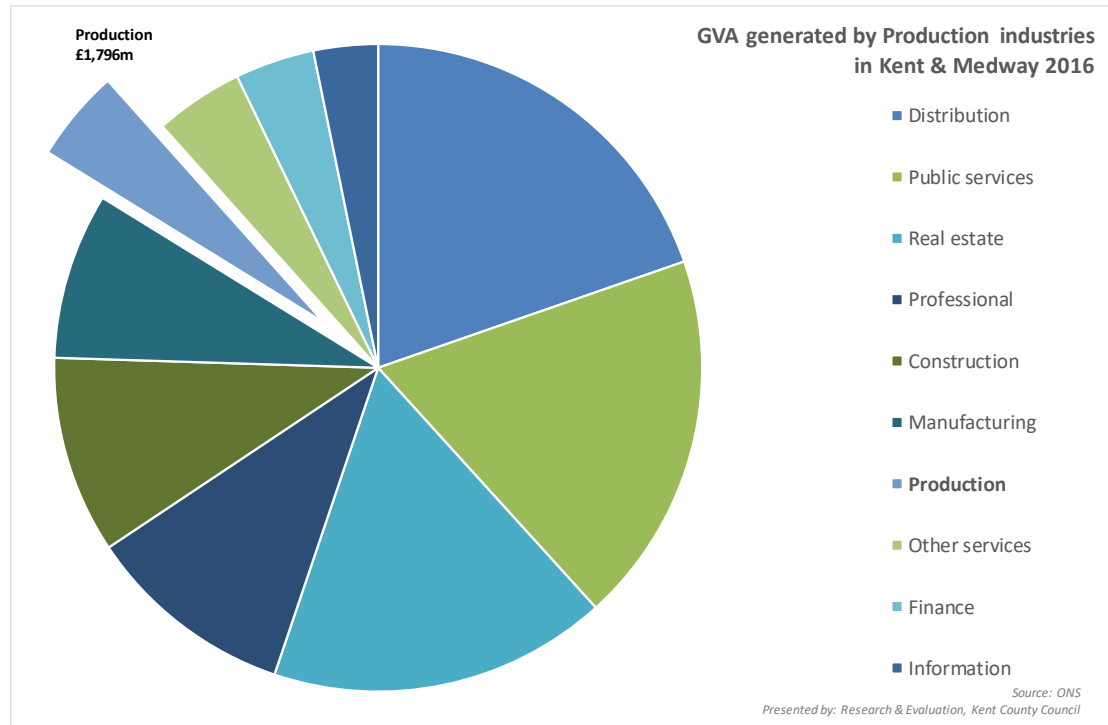
	£ (millions)		Change since 1998		£ (millions)		5 year change	
	1998	2016	£ (millions)	%	2011	2016	£ (millions)	%
Production	811	1,796	985	121.5	1,354	1,796	442	32.6
Manufacturing	3,463	3,236	-227	-6.6	2,673	3,236	563	21.1
Construction	1,547	3,847	2,300	148.7	3,016	3,847	831	27.6
Distribution	4,607	7,677	3,070	66.6	6,663	7,677	1,014	15.2
Information	602	1,254	652	108.3	1,044	1,254	210	20.1
Finance	824	1,543	719	87.3	1,480	1,543	63	4.3
Real estate	3,687	6,600	2,913	79.0	5,033	6,600	1,567	31.1
Professional	1,569	4,080	2,511	160.0	3,088	4,080	992	32.1
Public services	3,480	7,256	3,776	108.5	7,272	7,256	-16	-0.2
Other services	569	1,730	1,161	204.0	1,334	1,730	396	29.7

Source: Office for National Statistics

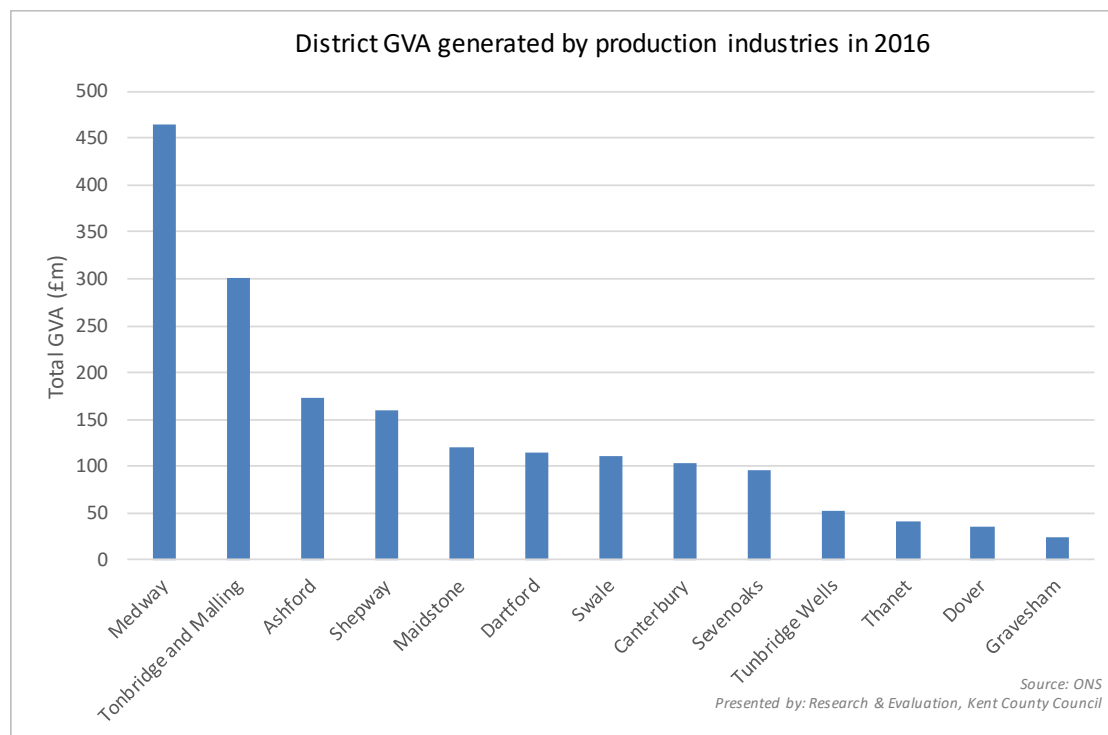
Presented by: Research & Evaluation, Kent County Council

## Production

Production industries include agriculture, mining, gas, electricity, water and waste industries. Production industries generated £1,796m GVA in 2016 accounting for 4.6% of the total GVA in Kent and Medway. Since 1998 this has grown by 121.5% (+£985m) and by 32.6% over the last 5 years.

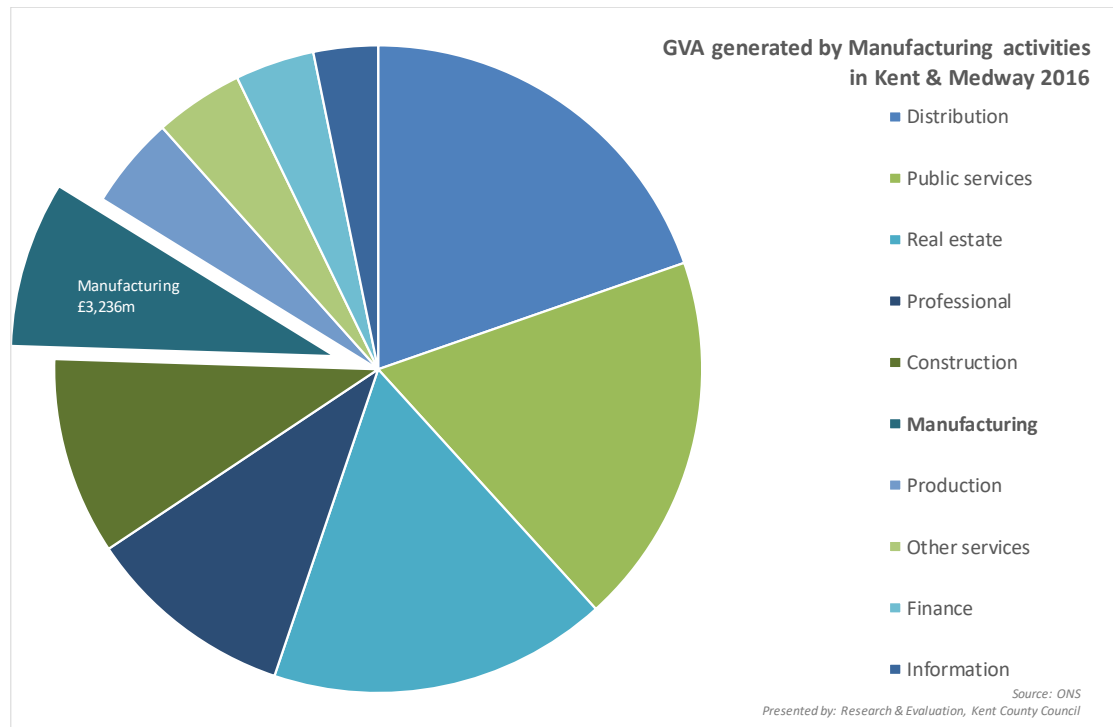


Medway area generated the largest proportion of the GVA created by this industry in Kent & Medway (25.9%).

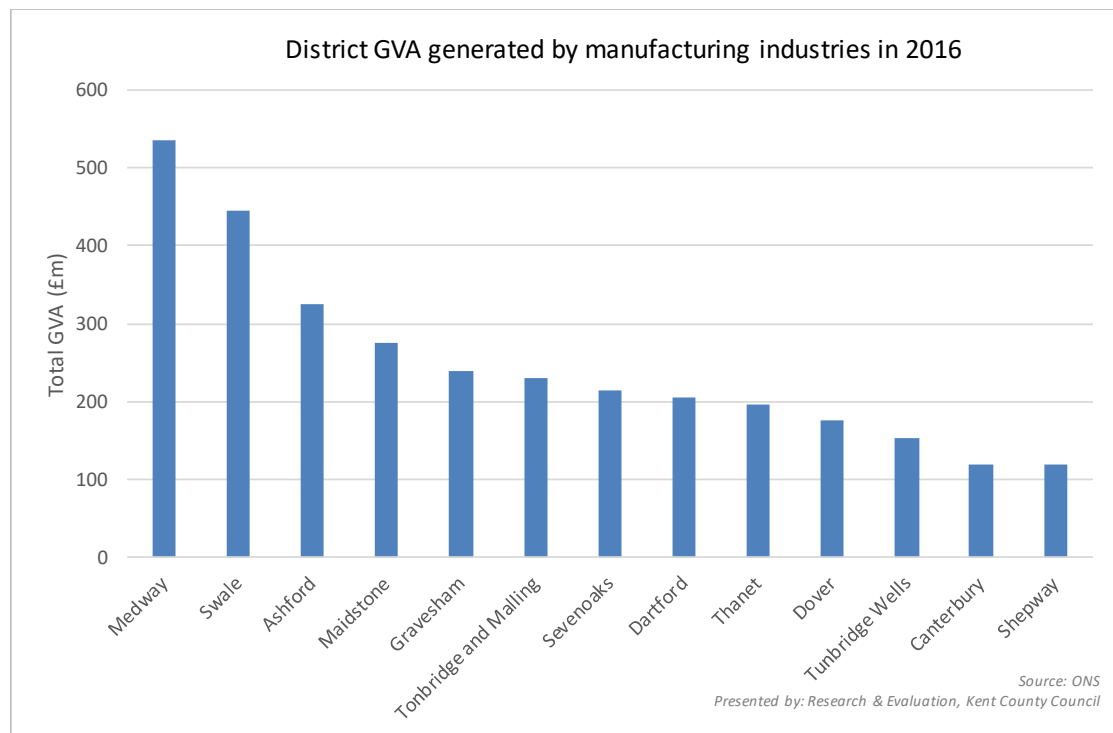


## Manufacturing

Manufacturing accounted for 8.3% of the total GVA generated in Kent and Medway (£3,236m) in 2016.

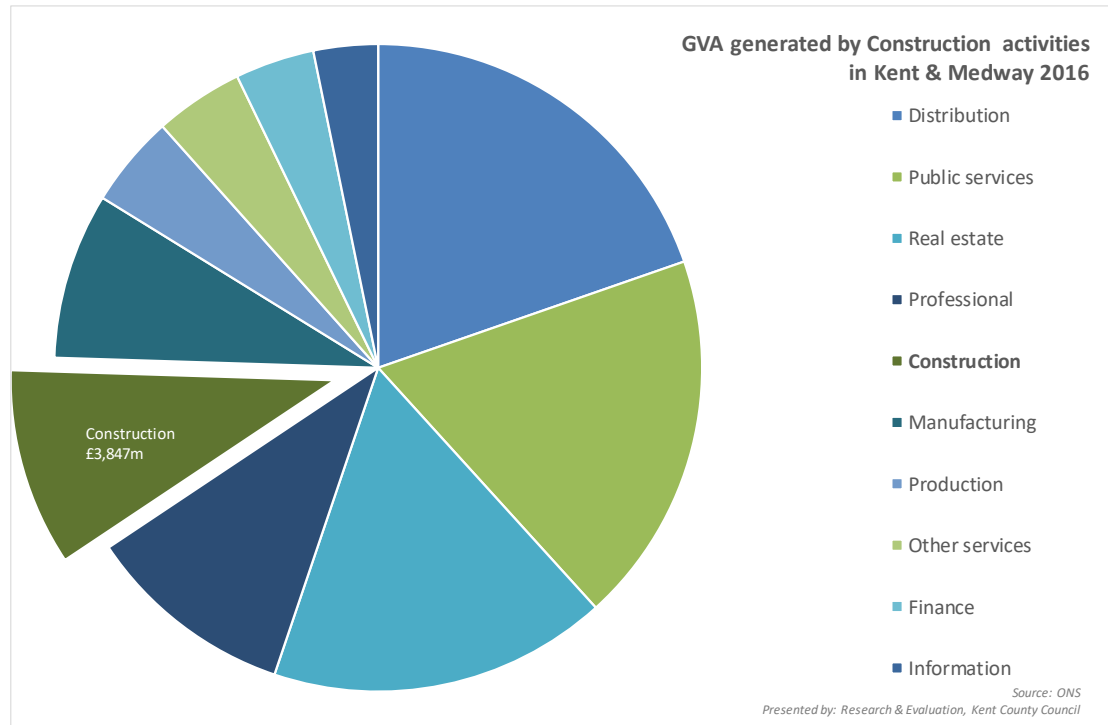


40% of the GVA from manufacturing in the area was generated in Medway, Swale and Ashford.

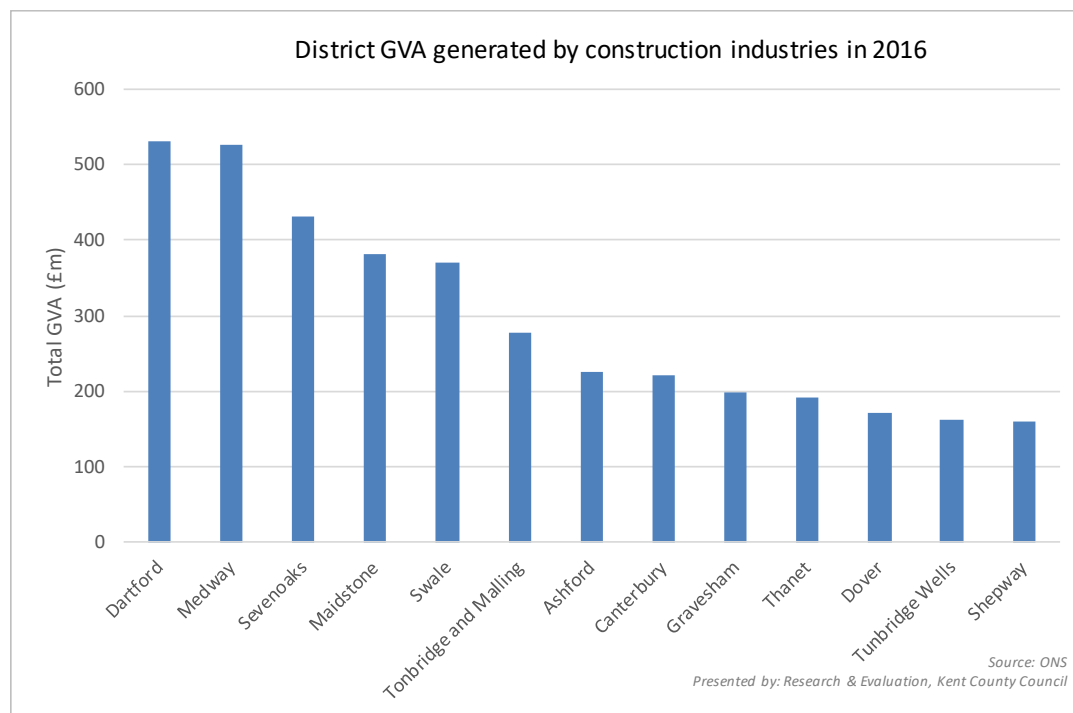


## Construction

9.9% of the total GVA in Kent and Medway was generated by construction industries. In 2016 it is estimated that this industry generated £3,847m GVA, an increase of 148.7% since 1998. Construction has seen strong growth over the last 5 years creating £831m more GVA in Kent than in 2011.



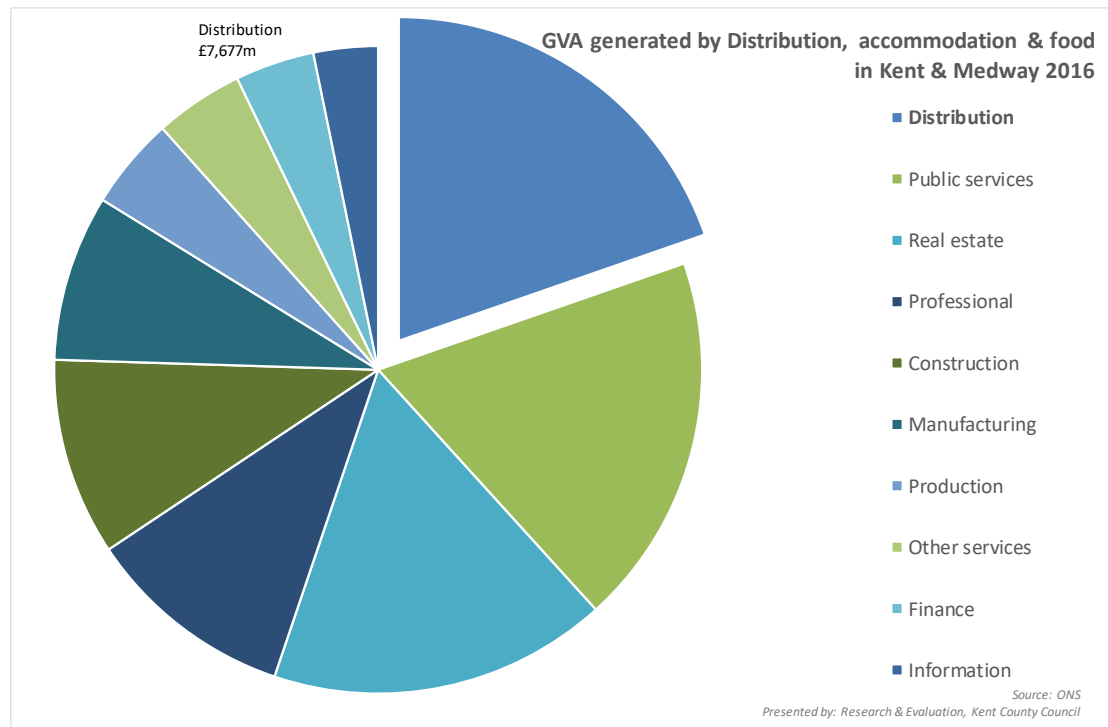
38.7% of the GVA generated in Kent by construction was within Dartford, Medway and Sevenoaks districts.



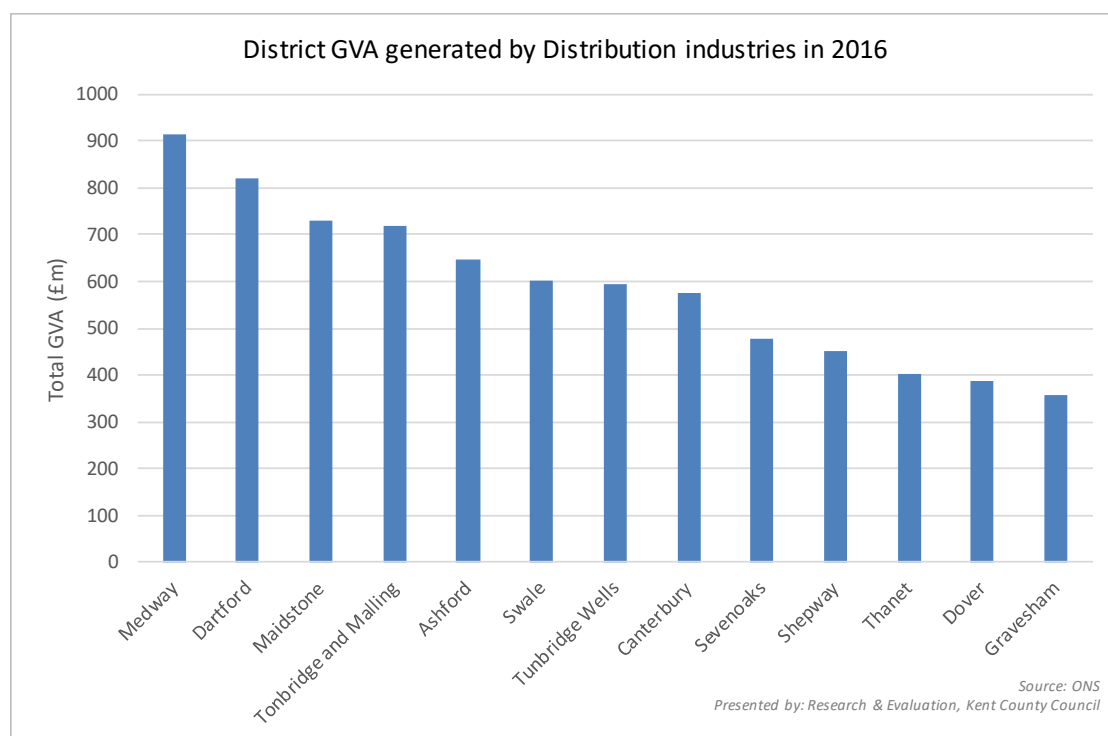


## Distribution; transport; accommodation & food

£7,677m of GVA is generated by Distribution, transport, accommodation and food industries accounting for almost a fifth of the total GVA generated in Kent & Medway. This industrial sector has seen some of the most significant growth over the last 5 years, creating £1,014m more GVA than in 2011.

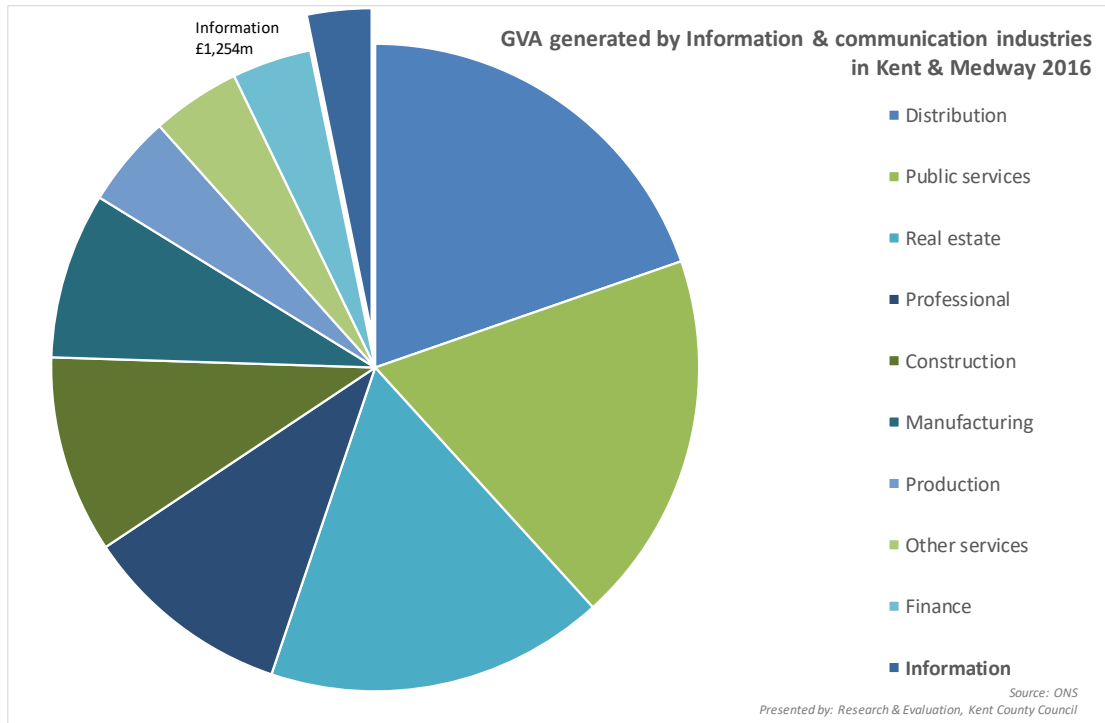


GVA generated in 2016 from distribution, transport, accommodation & food is spread fairly consistently across the five Kent and Medway NUTS3 areas.

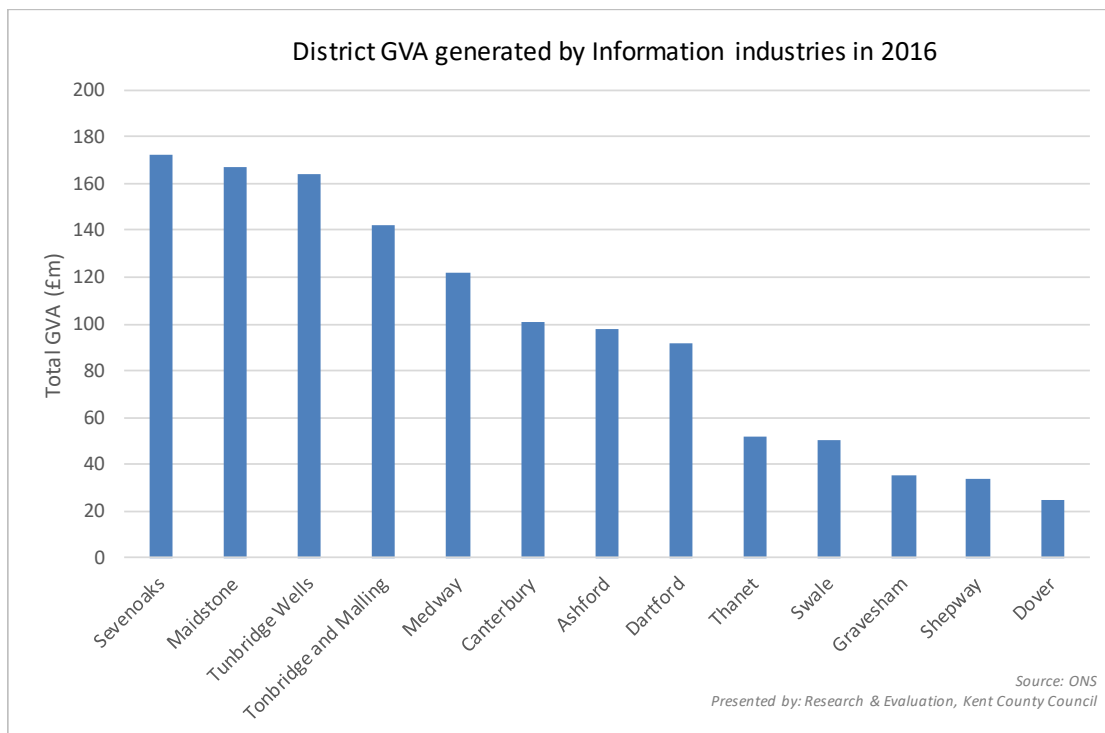


## Information & communications

3.2% of the GVA generated in Kent and Medway came from the Information & communications industry. This sector created 20.1% more GVA than five years ago (+£210m).

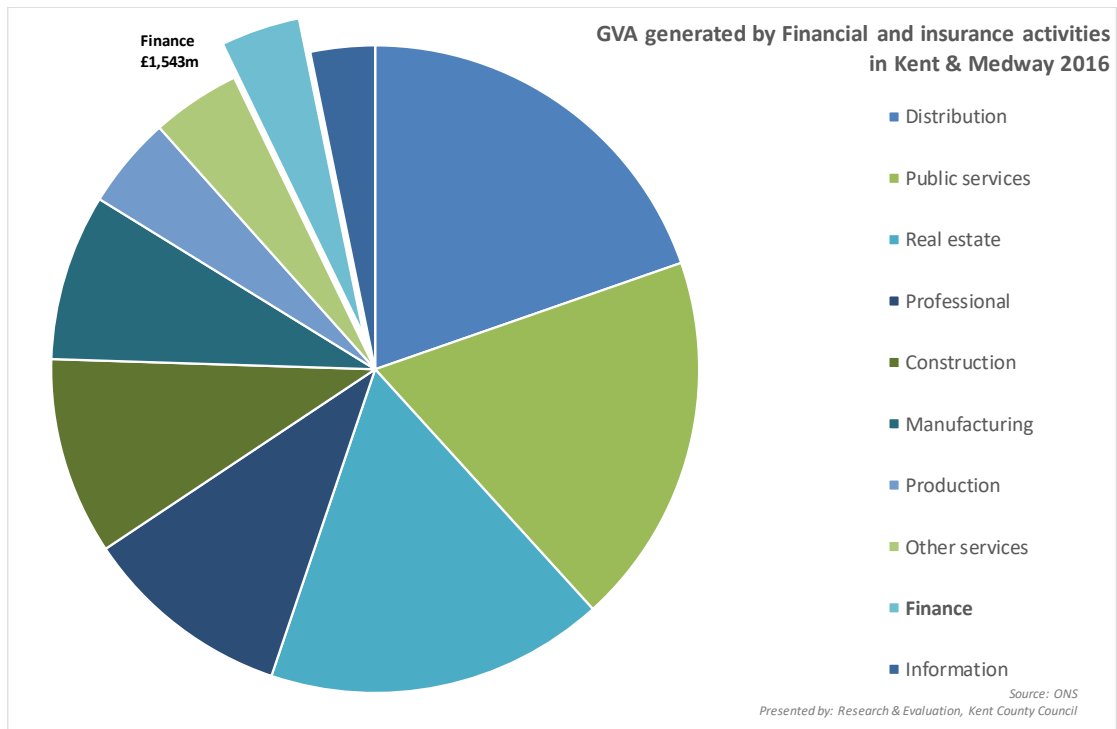


The majority of GVA generated in 2015 by Information & communications industries (38.1%) was generated in West Kent.

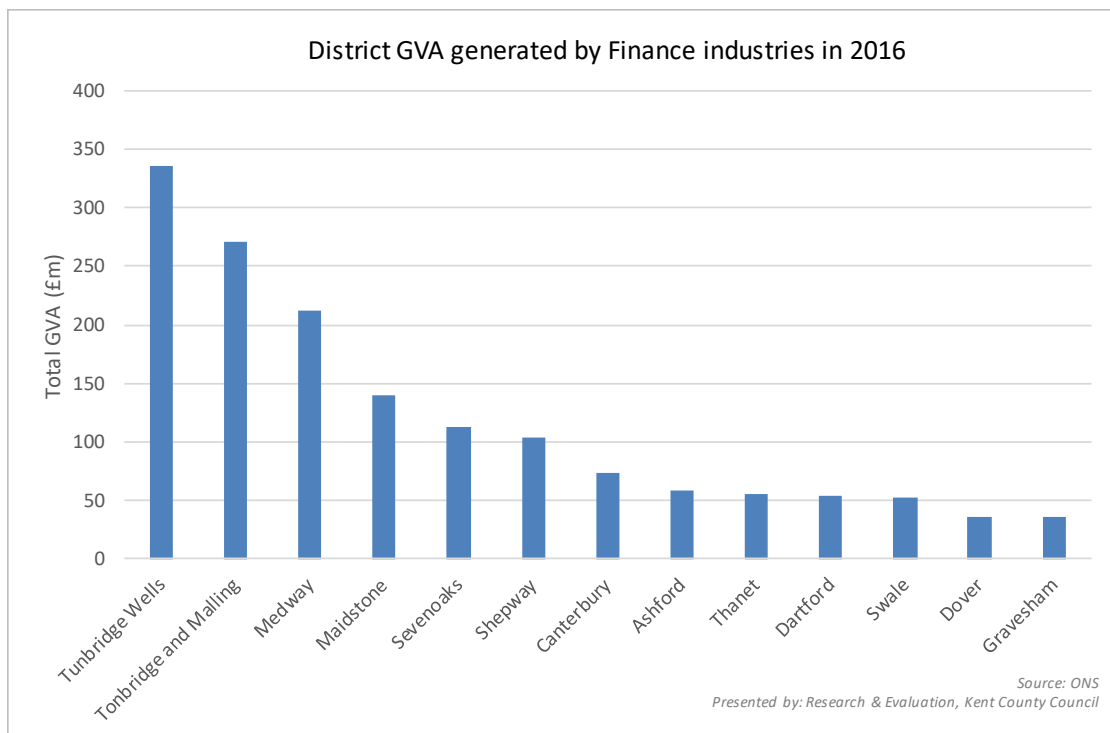


## Financial & insurance activities

£1,543m GVA was generated by Financial and insurance industries in Kent and Medway, 4.0% of the total GVA in the area.

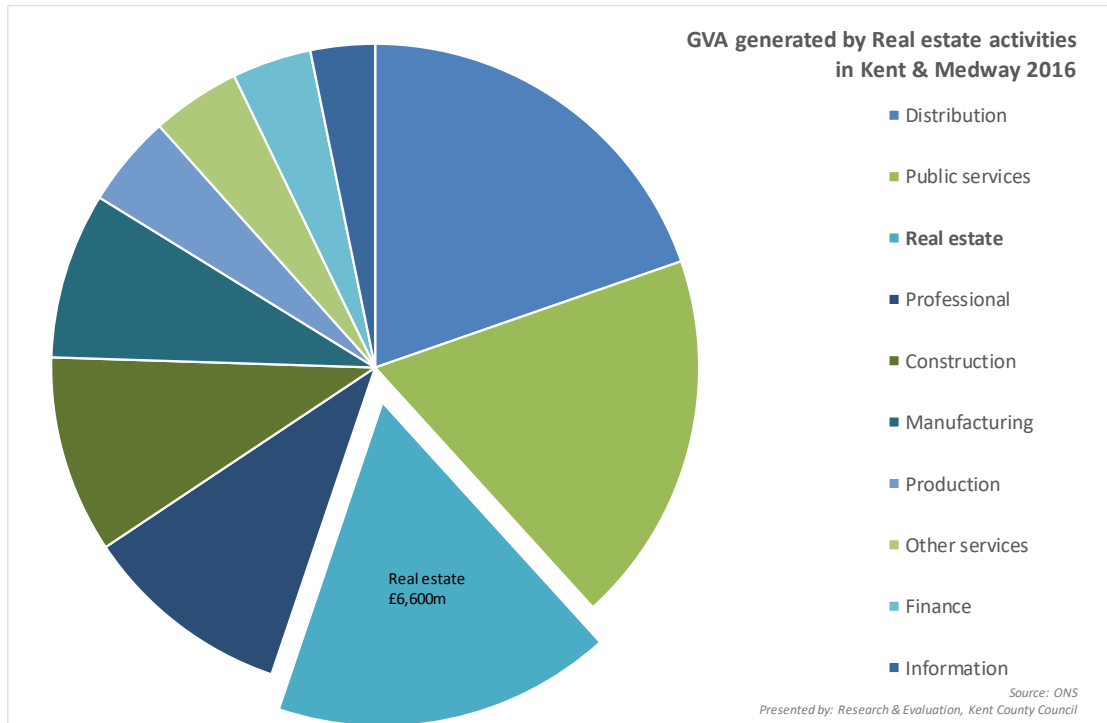


GVA created by this industry increased over the last 5 years in West Kent and Medway but fell in other parts of Kent. Tunbridge Wells and Tonbridge & Malling districts were responsible for generating 39.3% the total GVA generated by this industry in Kent & Medway in 2016.

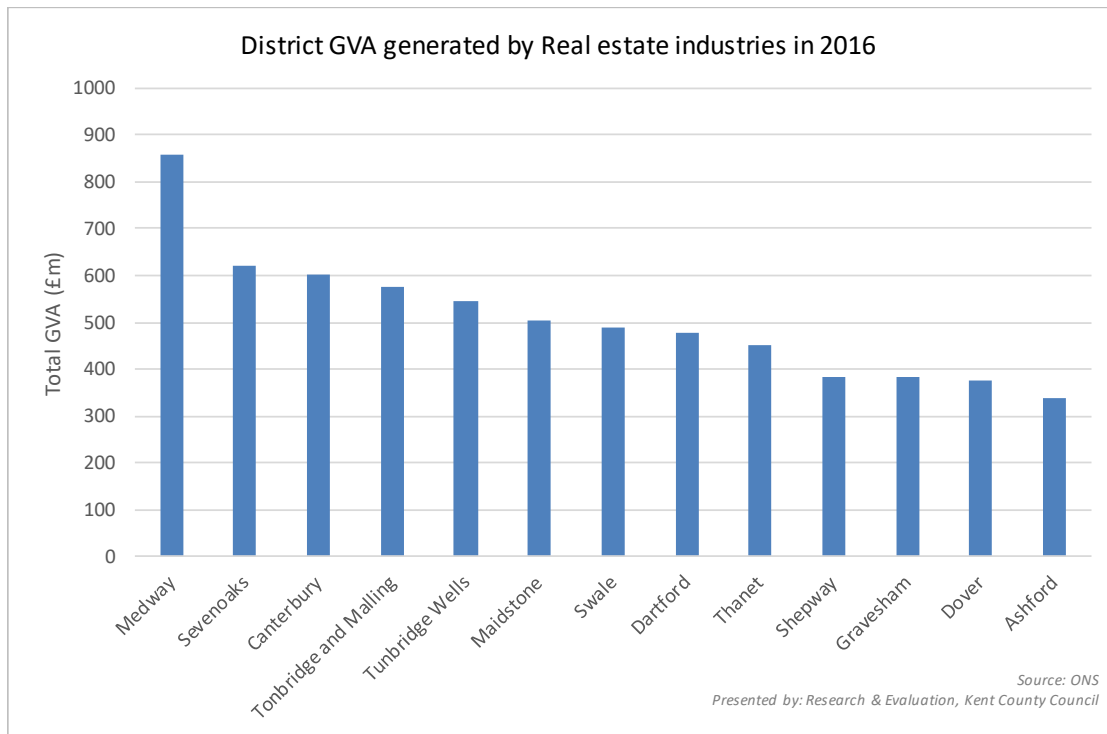


## Real estate activities

Real estate activities generate the third highest GVA in Kent & Medway (£6,600m equivalent to 16.9% of total GVA) and has increased by £1,567m over the last 5 years.

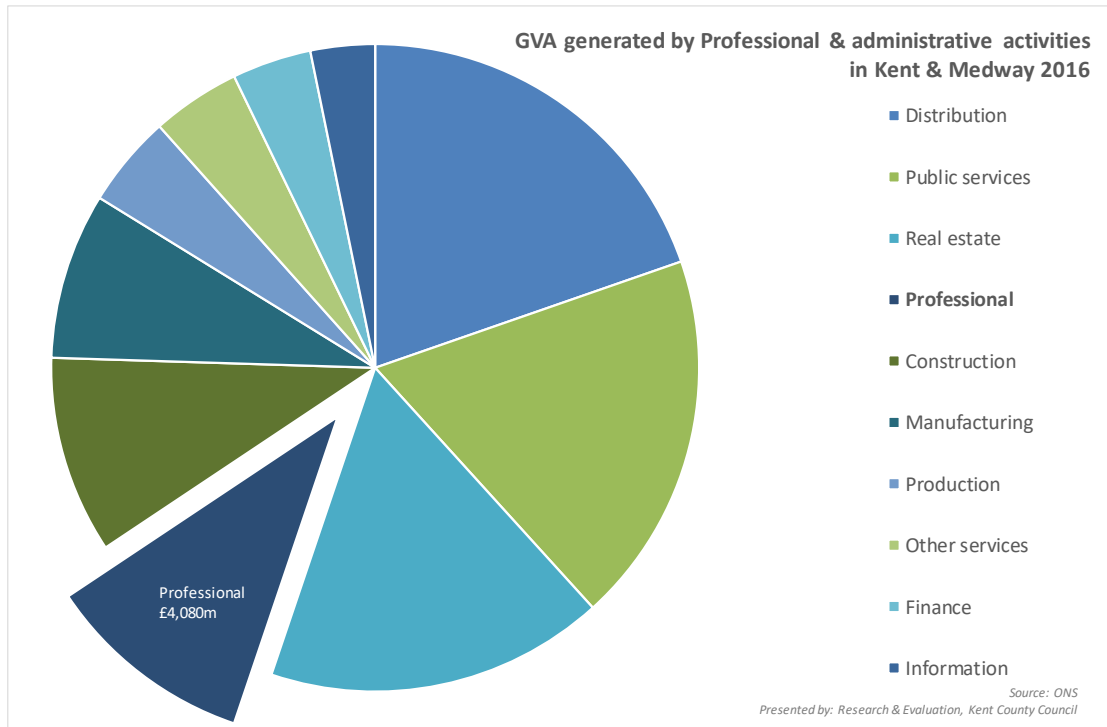


Medway authority was estimated to have generated the highest proportion of GVA generated by this industry in Kent and Medway (13%).

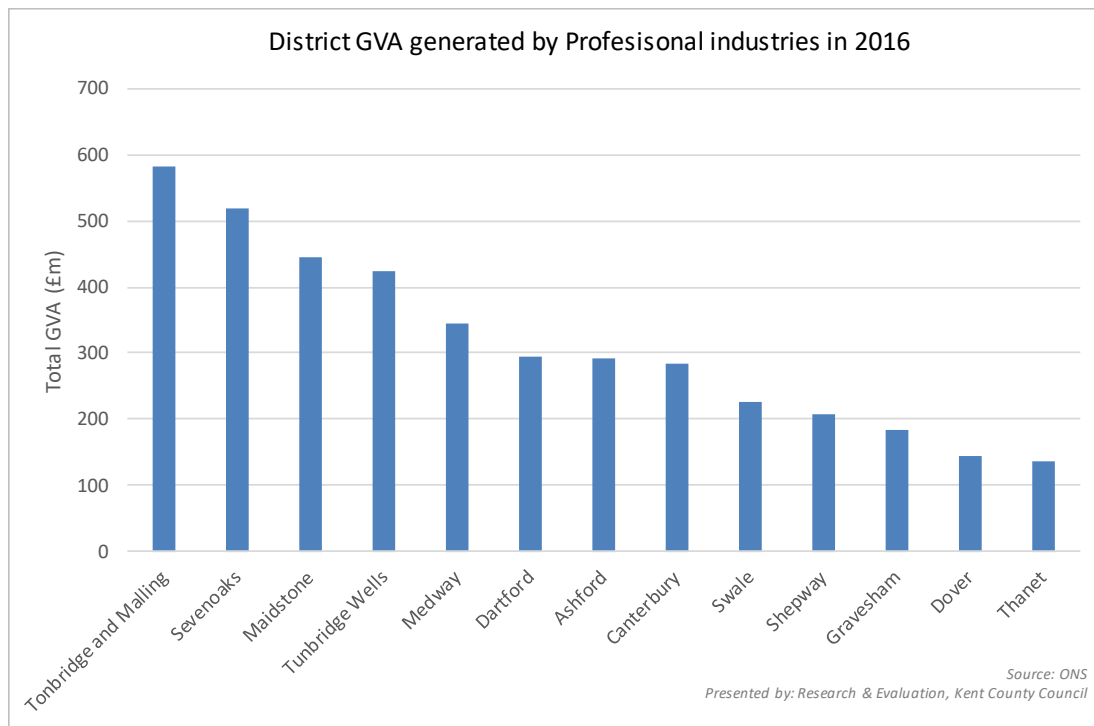


### Professional & administrative service activities

£4,080m GVA was generated by Professional & administrative activities accounting for 10.5% of the GVA generated in the Kent and Medway. 32.1% growth since 2011 has seen GVA generated by this sector increase by £992m.

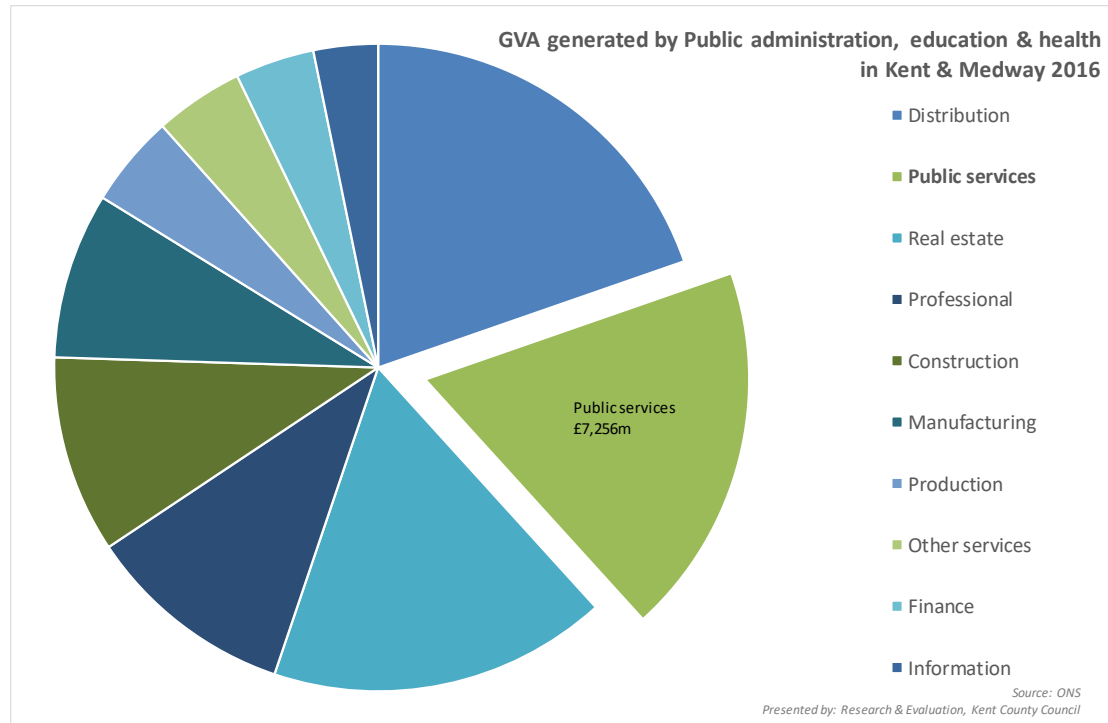


48.2% of the GVA generated by this industry was in districts within the West Kent area.

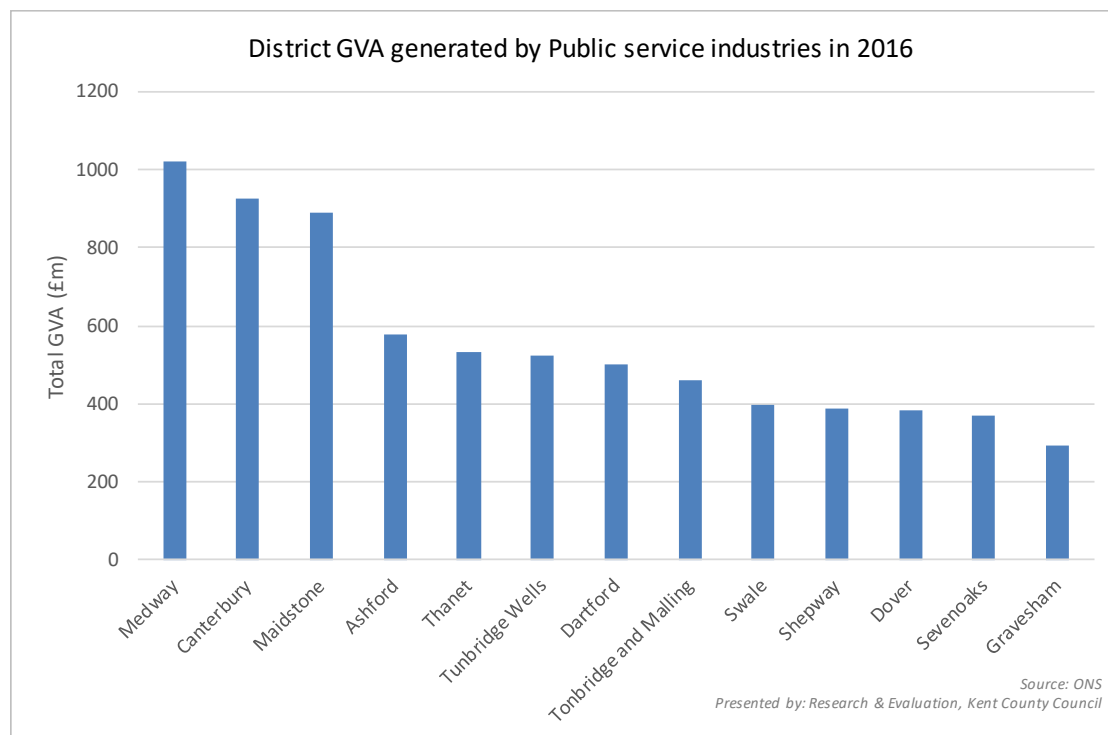


## Public services

Public services industries were the second largest generator of GVA in the area, accounting for 18.6% of the GVA in Kent and Medway in 2016 (£7,256m). It has decreased by 0.2% (-£16m) over the last 5 years.



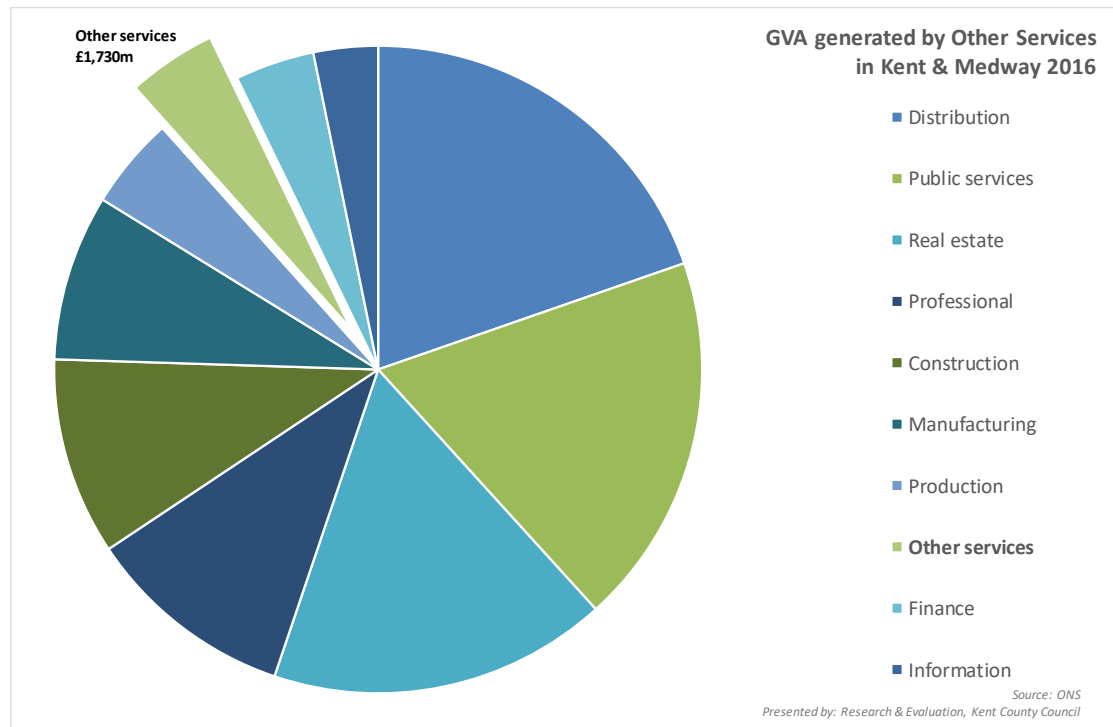
Medway, Maidstone and Canterbury districts generated more GVA than other districts in the county largely due to the location of major general hospitals, Kent University and County Council headquarters.



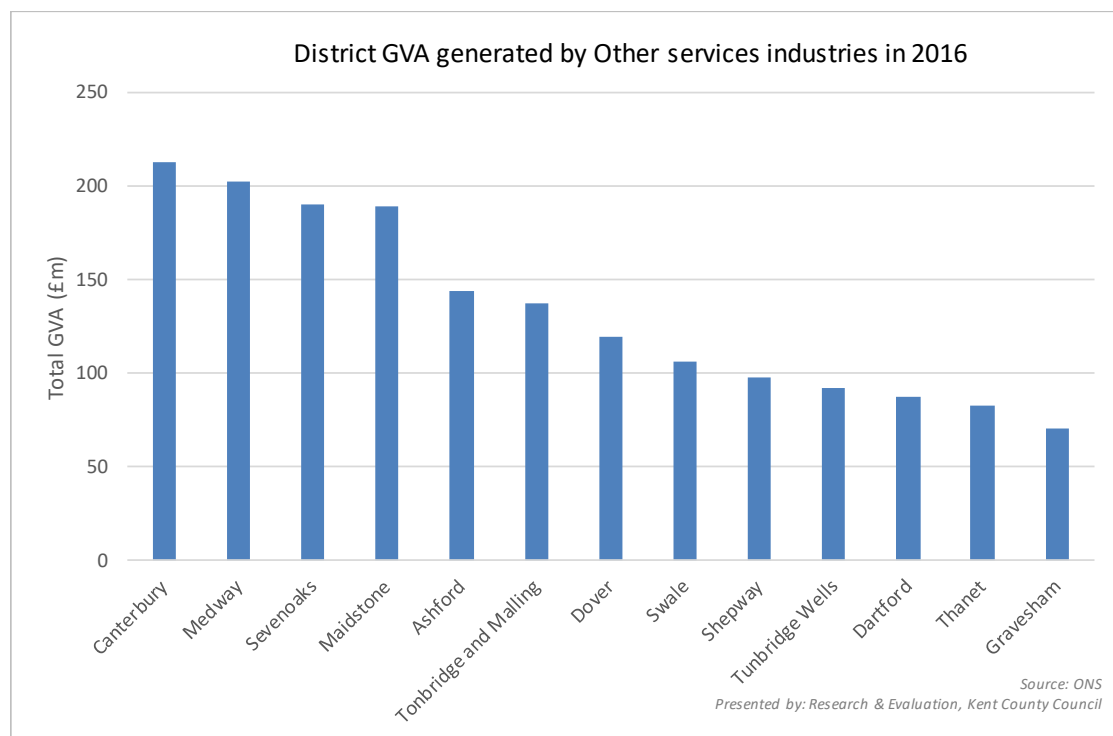
## Other services

Other services industries generated 4.4% of Kent and Medway's GVA in 2016 (£1,730m).

This sector includes arts, entertainment and recreation activities and households as employers.



Medway and Canterbury contributed the highest proportion of GVA in this sector in 2016.



## Industry Definitions

<b>Broad Industry</b>	<b>Industrial group</b>	<b>Industry name</b>
Production	A	Agriculture, forestry and fishing
	B	Mining and quarrying
	D	Electricity, gas, steam and air-conditioning supply
	E	Water supply; sewerage and waste management
Manufacturing	C	Manufacturing
Construction	F	Construction
Distribution	G	Wholesale and retail trade; repair of motor vehicles
	H	Transportation and storage
	I	Accommodation and food service activities
Information	J	Information and communication
Finance	K	Financial and insurance activities
Real estate	L	Real estate activities
Professional	M	Professional, scientific and technical activities
	N	Administrative and support service activities
Public services	O	Public administration and defence; compulsory social security
	P	Education
	Q	Human health and social work activities
Other services	R	Arts, entertainment and recreation
	S	Other service activities
	T	Activities of households

Data for 2017, incorporating revisions to all previously released data are due to be released by the Office for National Statistics in December 2018 and this bulletin will be updated accordingly.