

Analysis of Annual Gross Value Added¹ (GVA) and Productivity² Estimates: Wolverhampton

In Summary

- In 2022, total GVA in current prices for Wolverhampton was £6.1bn. However, GVA in Chain Volume Measures Wolverhampton totalled £5.4bn.
- When compared to 2021, there was an increase for Wolverhampton's GVA in current prices by 11.2% (+£609m), above the UK increase of 9.7%. When compared to the pre-pandemic/other shocks figure of 2019, Wolverhampton increased by 15.5% (+£813m), again above the UK growth rate of 12.5%. Since 2021, when using the GVA CVM approach, Wolverhampton increased by 6.4% (+£324m), the UK increased at a slower rate of 4.1%. When compared to 2019, Wolverhampton increased by 3.1% (+£162m), again the UK increased at a slower rate of 1.6%.
- In 2022, Wolverhampton's GVA per head in current prices was £22,675. While Wolverhampton's GVA per head in CVM was at £20,243.
- Wolverhampton's GVA per head in current prices when compared to 2021 had increased by 9.7% (+£2,014), which was above the UK increase of 8.8%. When compared to 2019, there was an increase of 13.7% (+£2,730), the UK increased by 11.0%. When compared to 2021, for GVA per head in CVM, there was an increase for Wolverhampton by 5.0% (+£966), the UK increased by 3.2%. When compared to 2019, Wolverhampton GVA per head increased by 1.5% (+£297), the UK increased by 0.2%.
- In 2022, Wolverhampton had a GVA per head in current prices gap to the national average by £10,552 (UK: £33,227). For GVA per head in CVM there was a gap to the national average by £9,750 (UK: £29,993).
- GVA in current prices shows out of the nine sectors, the majority of sectors had an annual increase as environmental technologies was the only one to decrease. When compared to 2019, the only decreases were in transport technologies and the visitor economy.
- GVA in CVM shows the majority of sectors had an annual increase as there were only two sectors with annual declines, building technologies and environmental technologies. Compared to 2019, there were four sectors that have declined; public sector including education, retail, transport technologies and the visitor economy. Notably, building technologies and environmental technologies were higher (as these experienced declines in the latest annual change).
- In 2022, GVA per hour for Wolverhampton was £34.00. Since 2021, Wolverhampton increased by 3.0% (+£1.00), above the UK growth of 1.5%. When compared to 2019, GVA per hour for Wolverhampton increased by 15.3% (+£4.50), the UK increased by 8.5%.
- In 2022, UK GVA per hour was £39.70, despite strong growth Wolverhampton still had a shortfall of £5.70.

¹ Office for National Statistics (ONS), Regional economic activity by gross domestic product, UK: 1998 to 2022, released April 2024.

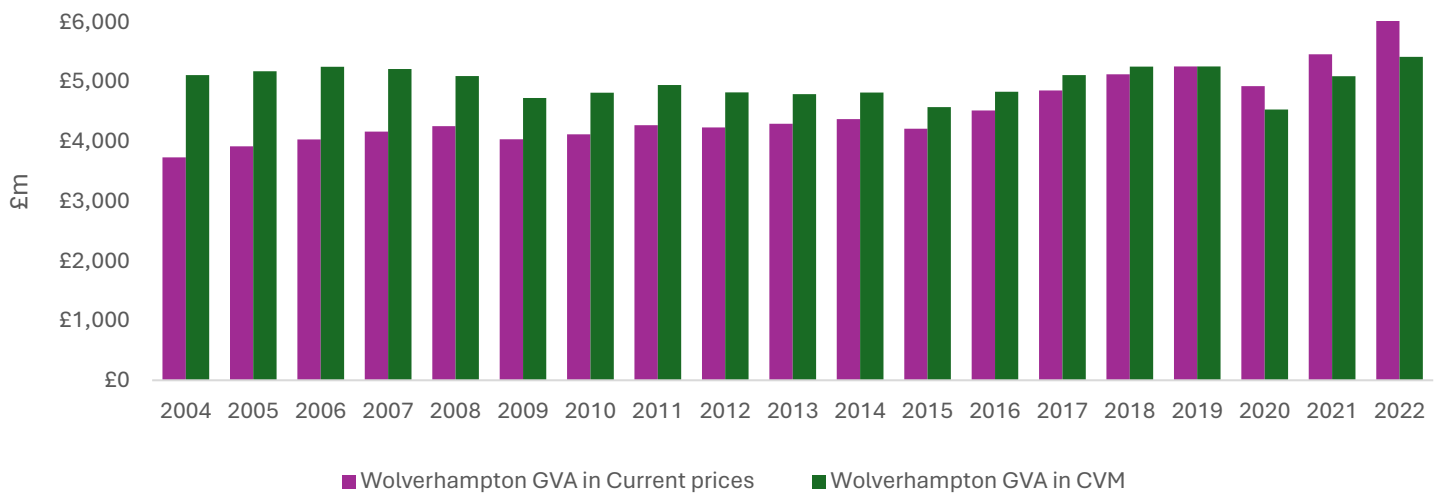
² Source: ONS, Regional and subregional labour productivity, UK: 2022, released June 2024. Please note, data is current prices, i.e., data are not adjusted for inflation and the data is smoothed using a weighted 5-year moving average.

In Detail

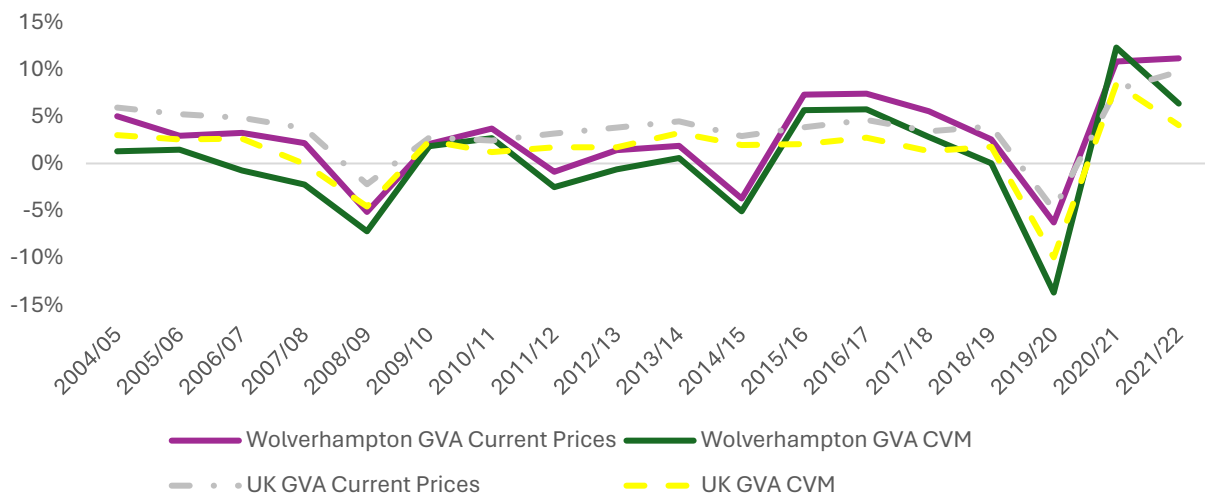
Total GVA

- In 2022, total GVA in current prices (including the effects of inflation) for Wolverhampton was £6.1bn. However, GVA in Chain Volume Measures (CVM, 2019 value – where the effects of inflation are removed) Wolverhampton totalled £5.4bn.
- When compared to 2021, there was an increase for Wolverhampton’s GVA in current prices by 11.2% (+£609m), above the UK increase of 9.7%. When compared to the pre-pandemic/other shocks figure of 2019, Wolverhampton increased by 15.5% (+£813m), again above the UK growth rate of 12.5%.
- Since 2021, when using the GVA CVM approach, Wolverhampton increased by 6.4% (+£324m), the UK increased at a slower rate of 4.1%. When compared to 2019, Wolverhampton increased by 3.1% (+£162m), again the UK increased at a slower rate of 1.6%.
- When GVA CVM is indexed to 2019 (=100), Wolverhampton was at 103.1, with the UK at 101.6 in 2022.

Trends in Wolverhampton GVA:



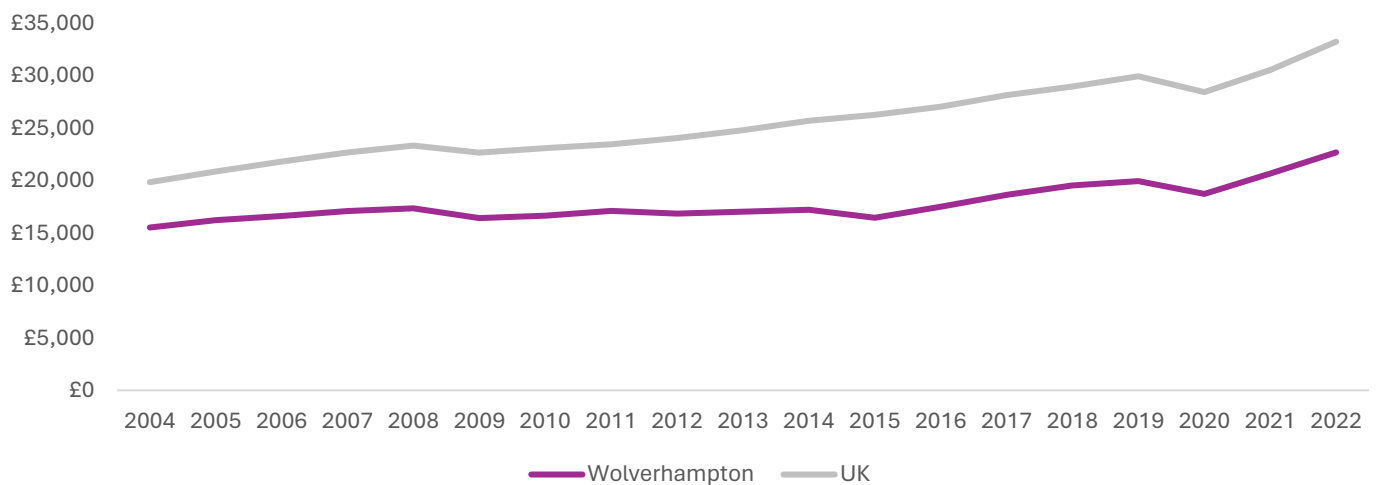
Wolverhampton and UK-Wide Year-on-Year Changes in GVA:



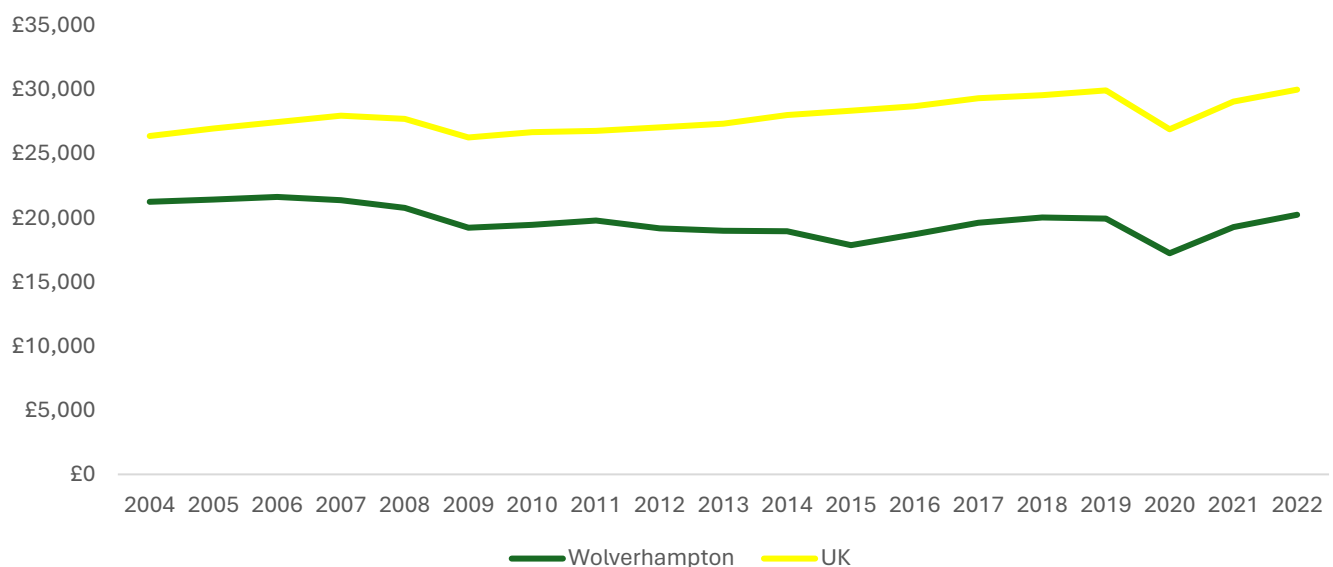
GVA per Head

- In 2022, Wolverhampton's GVA per head in current prices was £22,675. While Wolverhampton's GVA per head in CVM was at £20,243. These figures were the highest within the Black Country.
- Wolverhampton's GVA per head in current prices when compared to 2021 had increased by 9.7% (+£2,014), which was above the UK increase of 8.8%. When compared to 2019, there was an increase of 13.7% (+£2,730), the UK increased by 11.0%.
- When compared to 2021, for GVA per head in CVM, there was an increase for Wolverhampton by 5.0% (+£966), the UK increased by 3.2%. When compared to 2019, Wolverhampton GVA per head increased by 1.5% (+£297), the UK increased by 0.2%.
- In 2022, Wolverhampton had a GVA per head in current prices gap to the national average by £10,552 (UK: £33,227). For GVA per head in CVM there was a gap to the national average by £9,750 (UK: £29,993). The smallest gaps to national within the Black Country.

Trends in GVA per Head in Current Prices:



Trends in GVA per Head in CVM:



Sector Analysis

GVA in Current Prices

- In 2022, Wolverhampton had a higher proportion of GVA than nationally in six sectors.
- Business services accounted for the highest value of GVA in Wolverhampton (24.9% of total, UK: 40.9%). This was followed by advanced manufacturing (17.6% compared to 12.3% for the UK).
- Out of the nine defined sectors (as seen in the table below), the majority of sectors had an annual increase, but environmental technologies was the only one to decrease (-3.6%). When compared to 2019, the only decreases were in transport technologies and the visitor economy (-1.2% and -4.0% respectively).

Trends in Wolverhampton GVA per sector in current prices (figures in £millions):

	2019	2020	2021	2022	Annual Change	Change Compared to 2019	Wolverhampton Percent of 2022 Total	UK Percent of 2022 Total
Advanced Manufacturing	£931	£865	£956	£1,071	12.0%	15.0%	17.6%	12.3%
Building Technologies	£311	£301	£354	£384	8.5%	23.5%	6.3%	6.2%
Business Services	£1,225	£1,187	£1,350	£1,509	11.8%	23.2%	24.9%	40.9%
Environmental Technologies	£112	£133	£138	£133	-3.6%	18.8%	2.2%	2.2%
Health & Wellbeing	£805	£824	£884	£941	6.4%	16.9%	15.5%	8.9%
Public Sector inc. Education	£807	£823	£823	£910	10.6%	12.8%	15.0%	11.8%
Retail	£691	£579	£692	£754	9.0%	9.1%	12.4%	10.4%
Transport Technologies	£251	£146	£177	£248	40.1%	-1.2%	4.1%	3.5%
Visitor Economy	£125	£69	£89	£120	34.8%	-4.0%	2.0%	3.7%
Total	£5,256	£4,927	£5,466	£6,069	11.2%	15.5%	100.0%	100.0%

GVA in CVM

- In this approach, the Wolverhampton has seven sectors above the national average.
- The majority of sectors had an annual increase as there were only two sectors with annual declines, building technologies (-0.8%) and environmental technologies (-7.5%).
- Compared to 2019, there were four sectors that have declined; public sector including education (-3.1%), retail (-5.5%), transport technologies (-12.7%) and the visitor economy (-16.8%). Notably, building technologies and environmental technologies were higher (+12.9%, and +10.7% as these experienced declines in the latest annual change).

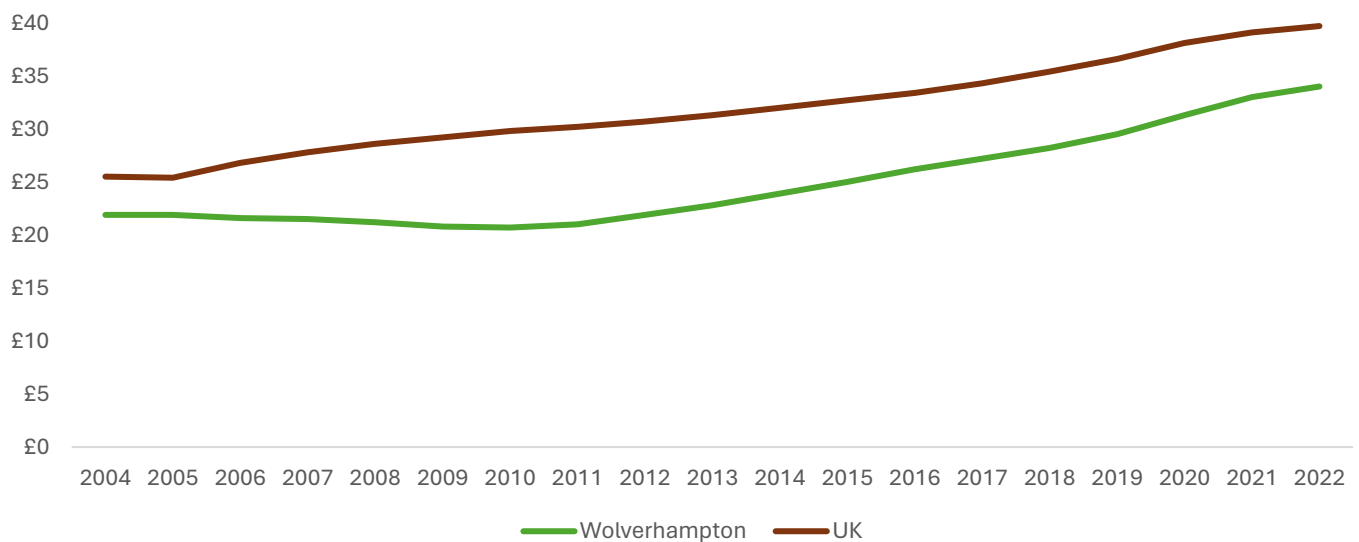
Trends in Wolverhampton GVA per sector in CVM (figures in £millions):

	2019	2020	2021	2022	Annual Change	Change Compared to 2019	Wolverhampt on Percent of 2022 Total	UK Percent of 2022 Total
Advanced Manufacturing	£931	£945	£967	£981	1.4%	5.4%	18.1%	12.3%
Building Technologies	£311	£305	£354	£351	-0.8%	12.9%	6.5%	6.2%
Business Services	£1,225	£1,166	£1,289	£1,349	4.7%	10.1%	24.9%	41.8%
Environmental Technologies	£112	£135	£134	£124	-7.5%	10.7%	2.3%	2.2%
Health & Wellbeing	£805	£563	£738	£853	15.6%	6.0%	15.7%	9.0%
Public Sector inc. Education	£807	£694	£717	£782	9.1%	-3.1%	14.4%	11.3%
Retail	£691	£511	£642	£653	1.7%	-5.5%	12.1%	10.1%
Transport Technologies	£251	£146	£169	£219	29.6%	-12.7%	4.0%	3.4%
Visitor Economy	£125	£69	£84	£104	23.8%	-16.8%	1.9%	3.6%
Total	£5,256	£4,536	£5,094	£5,418	6.4%	3.1%	100.0%	100.0%

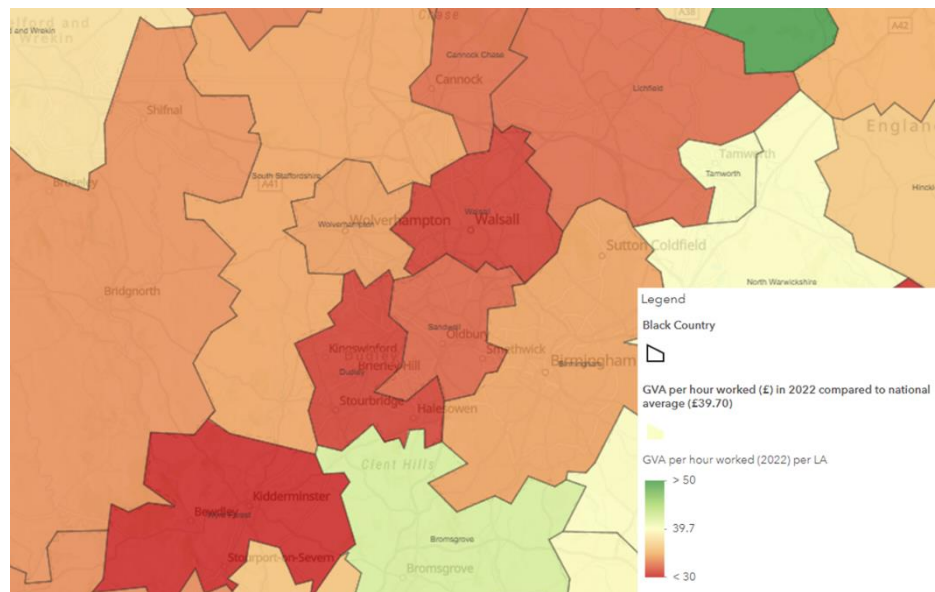
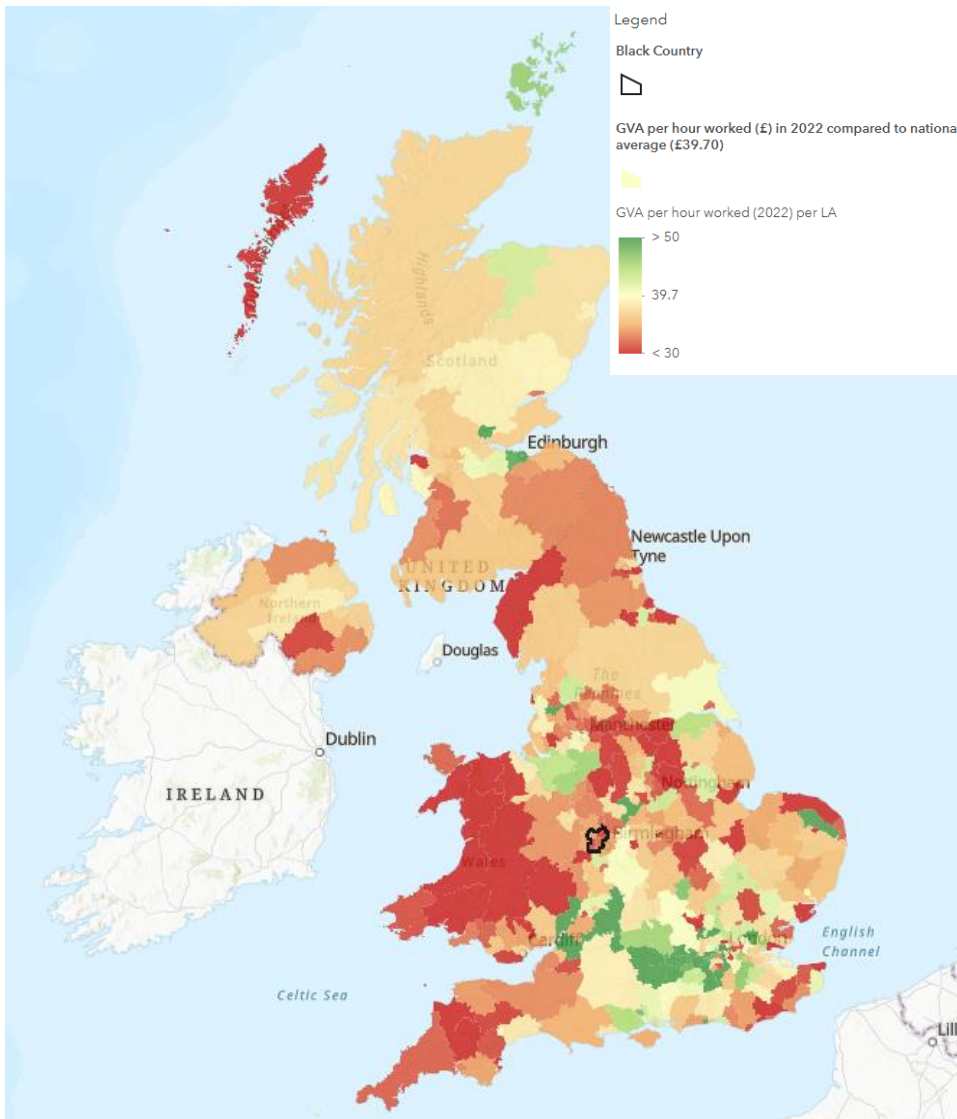
Productivity: Smoothed GVA per Hour Worked

- In 2022, GVA per hour for Wolverhampton was £34.00. Since 2021, Wolverhampton increased by 3.0% (+£1.00), above the UK growth of 1.5%. When compared to 2019, GVA per hour for Wolverhampton increased by 15.3% (+£4.50), the UK increased by 8.5%.
- In 2022, UK GVA per hour was £39.70, despite strong growth Wolverhampton still had a shortfall of £5.70.

Trends in GVA per Hour:



GVA per Hour Worked Compared to National, 2022:



GVA per Hour, 2022:

