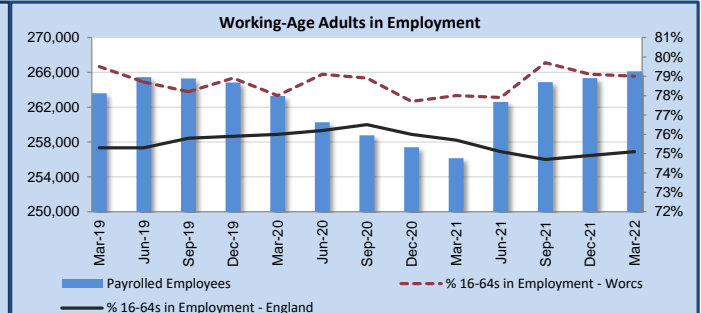
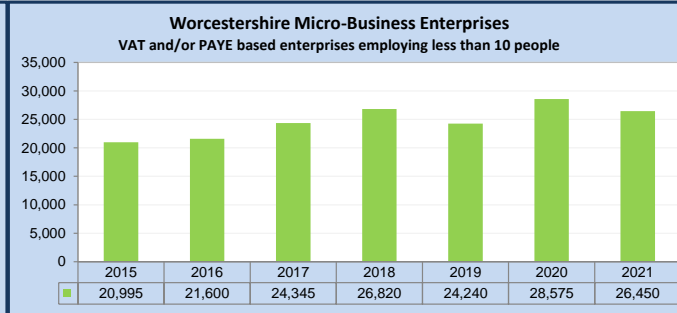
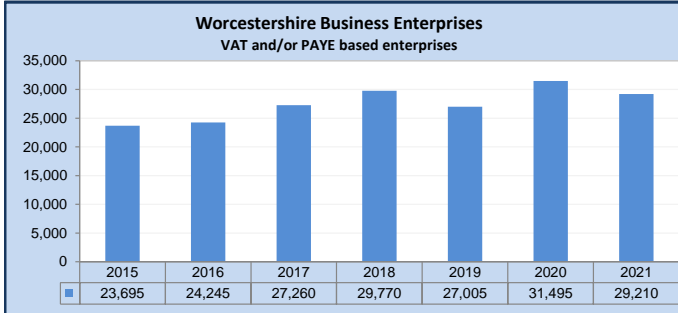


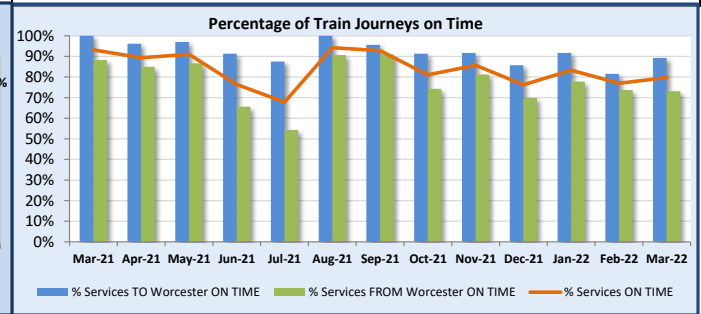
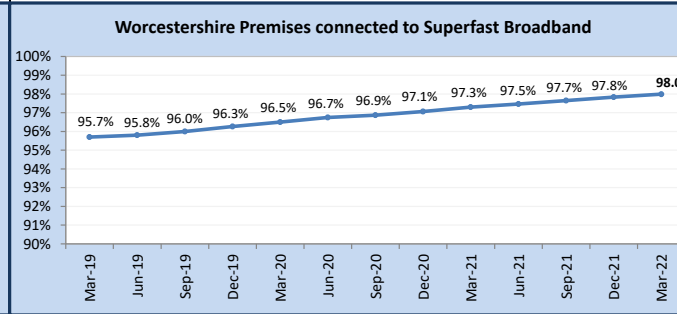
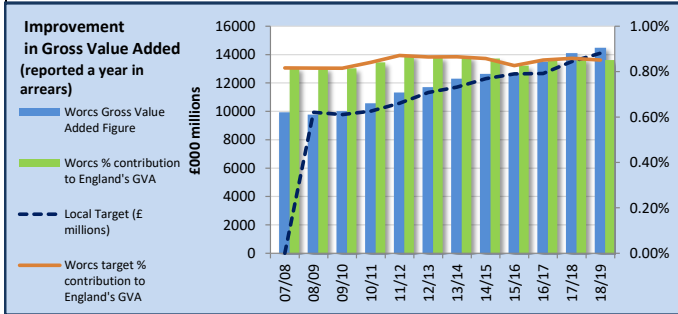
# Economy Dashboard for Directorate Leadership Team and Overview and Scrutiny



Figures are from Office for National Statistics' analysis of the Inter-Departmental Business Register (IDBR). An enterprise is the smallest combination of legal units that has a certain degree of autonomy within an enterprise group. This is generally based on VAT and/or PAYE records.

Figures are from Office for National Statistics' analysis of the Business Register Employment Survey (BRES).

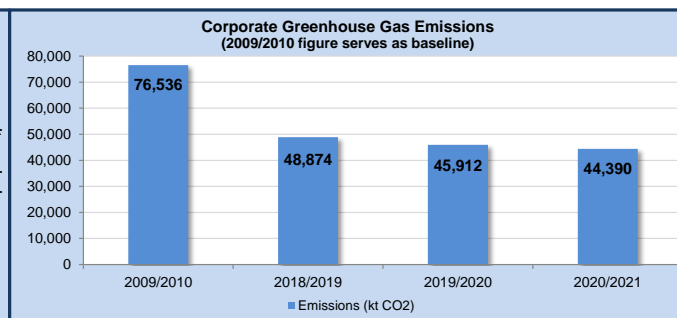
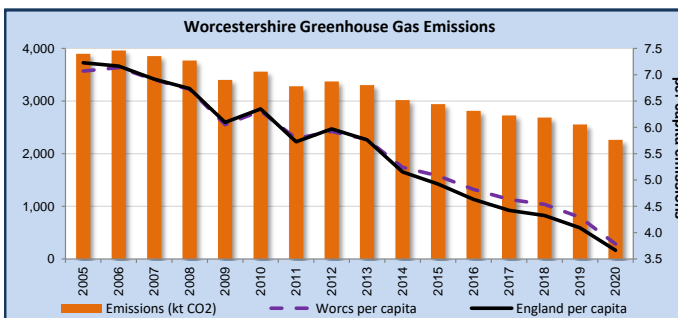
The left-hand axis and bars show the number of working-age adults (16 to 64) in employment at the end of each quarter. The right-hand axis and the two lines show, for the end of each quarter, the percentage of Worcestershire's population aged 16-64 in employment and England's equivalent percentage at the same point.



Gross Value Added (GVA) measures the contribution to the economy of each individual producer, industry or sector in the United Kingdom. Worcestershire's annual figures are the monetary value of goods and services produced in the county, less the cost of all inputs and raw materials directly attributable to their production. Office for National Statistics (ONS) released 2018/2019's data on 26th May 2021. Amendments were published in June. Release date of 2019/2020's data to be confirmed by ONS.

Percentage of all Worcestershire homes and business premises connect to Superfast broadband (24 Megabits per second).

The percentage of on-time train journeys in and out of Worcester at morning and evening peak times. Morning peak-time trains are those arriving at their destination between 6am and 10am; evening peak-time trains arrive at their destination between 4pm and 8pm. Train journeys are included to and from four major cities: Birmingham; Bristol; London; Oxford.



Worcestershire's estimated annual carbon dioxide emissions totals in kilotonnes of CO2. Also shown are per capita figures for the county and for England as a whole. The totals relate to emissions that can be influenced, i.e. they exclude emissions from large industrial sites, railways, and motorways. Data is published two years in arrears by Department for Business, Energy and Industrial Strategy. 2020's data is scheduled to be published in late-June 2022.

Corporate greenhouse gas (GHG) emissions reporting follows the international protocol guidelines. Emissions are categorised in three different 'scopes'. Between them, these cover direct emissions from Council activities under our control and all indirect emissions, whether they emanate from corporately-owned buildings or assets (e.g. street lights), staff travel or outsourced operations, including municipal waste-disposal. WCC's GHG Emissions Report 2020/2021 was published in early November 2021.

## Business Enterprises by Broad Industry Group

VAT and/or PAYE based enterprises\* (source: Office for National Statistics, October 2021)

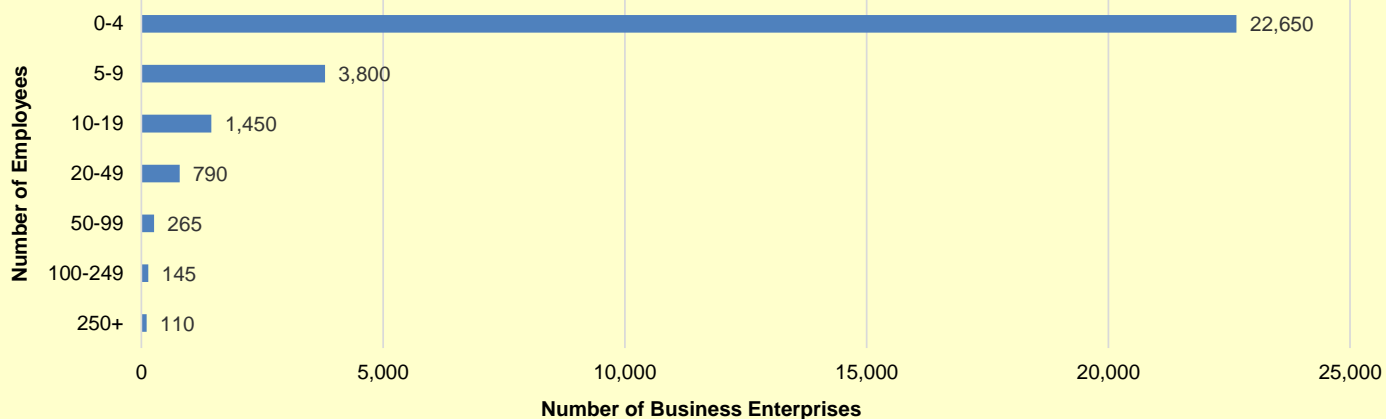
Standard Industrial Classification (UK SIC 2007)	Bromsgrove	Malvern Hills	Redditch	Worcester	Wychavon	Wyre Forest	Worcestershire	% of County Total
Agriculture, forestry and fishing	175	610	40	20	670	150	1,665	5.7%
Production	280	295	325	190	455	270	1,815	6.2%
Construction	755	485	465	365	845	605	3,520	12.1%
Motor trades	185	115	125	115	230	160	930	3.2%
Wholesale	195	175	165	235	320	180	1,270	4.3%
Retail	275	265	175	250	425	270	1,660	5.7%
Transport and Storage (incl. postal)	460	90	230	175	655	670	2,280	7.8%
Accommodation and food services	230	235	155	225	380	355	1,580	5.4%
Information and communication	345	245	175	210	375	155	1,505	5.2%
Finance and insurance	100	60	50	80	125	65	480	1.6%
Property	240	210	100	125	275	130	1,080	3.7%
Professional, scientific and technical	885	690	400	550	1,030	470	4,025	13.8%
Business administration and support services	2,485	335	285	265	605	345	4,320	14.8%
Public administration and defence	15	45	5	5	50	20	140	0.5%
Education	105	75	55	70	90	50	445	1.5%
Health	215	150	100	155	195	105	920	3.1%
Arts, entertainment, recreation and other services	305	240	145	265	360	260	1,575	5.4%
<b>Total</b>	<b>7,250</b>	<b>4,320</b>	<b>2,995</b>	<b>3,300</b>	<b>7,085</b>	<b>4,260</b>	<b>29,210</b>	
<b>% of Worcestershire Total</b>	<b>24.8%</b>	<b>14.8%</b>	<b>10.3%</b>	<b>11.3%</b>	<b>24.3%</b>	<b>14.6%</b>		

\* An enterprise is the smallest combination of legal units (generally based on VAT and/or PAYE records), which has a certain degree of autonomy within an enterprise group. An individual site (for example a factory or shop) in an enterprise is called a local unit.

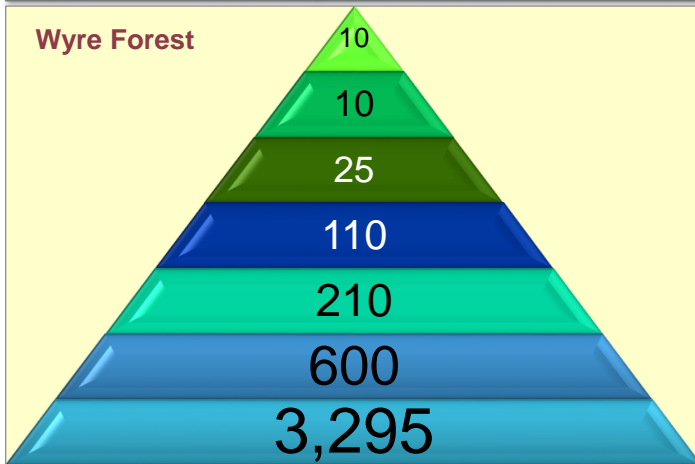
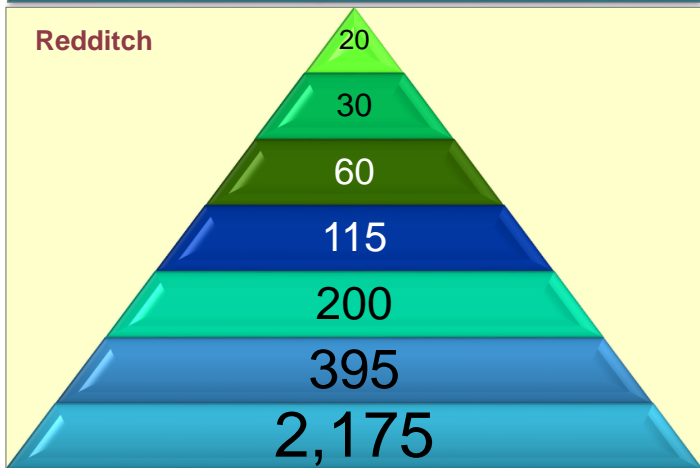
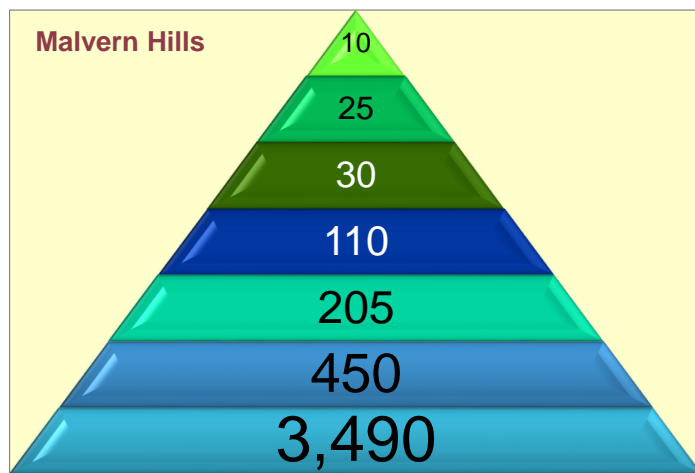
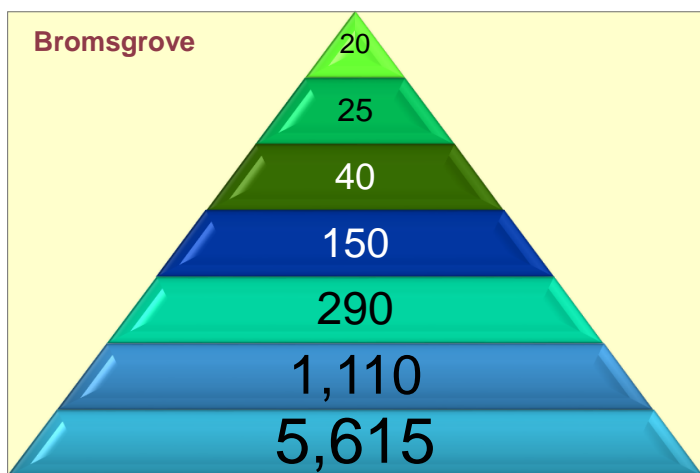
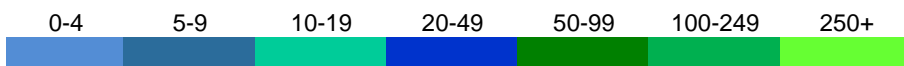
# Business Enterprises by Employment Sizebands

VAT and/or PAYE based enterprises (source: Office for National Statistics, October 2021)

## Worcestershire's Business Enterprises by Employment Sizebands



Key to Pyramid Charts' Employee Sizebands



## Working-Age Adults (16 to 64) In Employment (latest update: March 2022)

		Worcestershire's %	England's % (= Worcs target)
2014/2015	Jun	77.60%	71.90%
	Sep	77.20%	72.50%
	Dec	77.30%	72.50%
	Mar	78.30%	71.70%
2015/2016	Jun	78.20%	72.90%
	Sep	78.20%	73.30%
	Dec	77.60%	73.60%
	Mar	76.10%	73.90%
2016/2017	Jun	75.40%	73.90%
	Sep	75.90%	73.90%
	Dec	75.90%	73.90%
	Mar	76.10%	74.10%
2017/2018	Jun	76.90%	74.40%
	Sep	76.40%	74.60%
	Dec	75.80%	74.70%
	Mar	76.90%	75.10%

		Worcestershire's %	England's % (= Worcs target)
2018/2019	Jun	78.00%	75.20%
	Sep	78.30%	75.20%
	Dec	78.20%	75.30%
	Mar	79.50%	75.30%
2019/2020	Jun	78.70%	75.30%
	Sep	78.20%	75.80%
	Dec	78.90%	75.90%
	Mar	78.00%	76.00%
2020/2021	Jun	79.10%	76.20%
	Sep	78.90%	76.50%
	Dec	77.70%	76.00%
	Mar	78.00%	75.70%
2021/2022	Jun	77.90%	75.10%
	Sep	79.70%	74.70%
	Dec	79.10%	74.90%
	Mar	79.00%	75.10%

## Adults in Employment - Payrolled Employees

Employment statistics from Pay As You Earn Real Time Information, non-seasonally adjusted\* (latest update: March 2022)

Date	Worcestershire	Gloucestershire	Herefordshire	Shropshire**	Staffordshire	Warwickshire	West Midlands†	UK
Mar-18	261,878	276,879	77,815	205,907	383,293	264,273	1,155,941	28,492,164
Jun-18	262,491	278,051	77,916	207,073	383,596	265,586	1,159,895	28,603,131
Sep-18	263,155	279,110	78,065	207,722	384,346	266,840	1,164,645	28,673,169
Dec-18	263,493	279,425	78,284	207,541	384,297	268,035	1,171,064	28,746,349
Mar-19	264,388	280,948	78,757	206,995	382,387	268,312	1,180,542	28,847,848
Jun-19	264,564	281,188	79,134	209,203	385,895	268,942	1,168,267	28,929,722
Sep-19	264,546	281,430	78,892	209,039	384,644	269,047	1,174,165	28,961,123
Dec-19	264,663	281,403	78,623	209,050	383,843	269,246	1,173,991	28,980,524
Mar-20	264,181	280,325	78,516	209,774	384,547	269,286	1,172,990	28,986,857
Jun-20	259,394	275,996	77,315	205,609	377,270	265,701	1,149,860	28,378,466
Sep-20	258,012	273,663	77,032	204,931	376,802	263,958	1,137,984	28,184,082
Dec-20	257,277	272,376	76,870	205,554	376,744	263,024	1,133,857	28,109,170
Mar-21	257,255	272,270	76,835	206,161	378,152	263,924	1,138,744	28,183,423
Jun-21	261,777	278,819	78,099	209,017	382,040	268,885	1,165,484	28,699,193
Sep-21	263,909	280,540	79,102	211,401	385,453	271,392	1,181,878	29,023,831
Dec-21	264,600	280,922	79,270	213,098	387,612	272,117	1,188,054	29,226,156
Mar-22	266,010	282,485	79,578	215,162	390,409	274,090	1,195,612	29,438,382

\* The figures are from an experimental HMRC/Office for National Statistics data-set covering all age-groups. Values for each month are an average of employee counts on each day of the month. It is a measure of payrolled employees, as opposed to a measure of employee jobs. March 2022's data indicates the number of payrolled employees in the UK rose by 4.5% compared with March 2021. Worcestershire's March 2022 total was 3.4% higher than its total twelve months earlier.

\*\* combined figures for Shropshire Council and Telford and Wrekin Council

† combined figures for Birmingham, Coventry, Dudley, Sandwell, Solihull, Walsall, and Wolverhampton

## Economic Growth - Gross Value Added (GVA)

The value of goods and services produced in Worcestershire, less the cost of all inputs and raw materials directly attributable to their production (latest update: May 2021 for 2018/2019 financial year)

	Actual Figure (£s)	Actual Target (£s)	Performance (£000 millions)	Target (£000 millions)	Worcs Share of England's GVA	Target
2007/2008	9,937,000,000	--	9,937	--	0.82%	--
2008/2009	9,769,000,000	9,937,000,000	9,769	9,937	0.82%	0.82%
2009/2010	10,015,000,000	9,769,000,000	10,015	9,769	0.82%	0.82%
2010/2011	10,565,000,000	10,015,000,000	10,565	10,015	0.84%	0.82%
2011/2012	11,330,000,000	10,565,000,000	11,330	10,565	0.87%	0.82%
2012/2013	11,702,000,000	11,330,000,000	11,702	11,330	0.86%	0.82%
2013/2014	12,305,000,000	11,702,000,000	12,305	11,702	0.87%	0.82%
2014/2015	12,647,000,000	12,305,000,000	12,647	12,305	0.86%	0.82%
2015/2016	12,675,000,000	12,647,000,000	12,675	12,647	0.83%	0.82%
2016/2017	13,505,000,000	12,675,000,000	13,505	12,675	0.85%	0.82%
2017/2018	14,098,000,000	13,505,000,000	14,098	13,505	0.86%	0.82%
2018/2019	14,484,000,000	14,098,000,000	14,484	14,098	0.85%	0.82%

## Rail Services Running On Time

Services in and out of Worcester at morning and evening peak times, excluding cancellations or service journeys that did not run (latest update: March 2022)

	To Worcester			From Worcester			All Services To/From Worcester			Morning Peak Times (arriving 6 to 10 a.m.)			Evening Peak Times (arriving 4 to 8 p.m.)		
	Services TO Worcester	Services TO Worcester ON TIME	% Services TO Worcester ON TIME	Services FROM Worcester	Services FROM Worcester ON TIME	% Services FROM Worcester ON TIME	Total number of Services	Services ON TIME	% Services ON TIME	Morning Services	Morning Services ON TIME	% Morning Services ON TIME	Afternoon Services	Afternoon Services ON TIME	% Afternoon Services ON TIME
Apr-19	33	24	72.7%	36	31	86.1%	69	55	79.7%	32	27	84.4%	37	28	75.7%
May-19	47	38	80.9%	55	50	90.9%	102	88	86.3%	48	44	91.7%	54	44	81.5%
Jun-19	28	22	78.6%	34	28	82.4%	62	50	80.6%	28	24	85.7%	34	26	76.5%
Jul-19	30	21	70.0%	35	30	85.7%	65	51	78.5%	29	26	89.7%	36	25	69.4%
Aug-19	32	26	81.3%	41	35	85.4%	73	61	83.6%	33	29	87.9%	40	32	80.0%
Sep-19	29	23	79.3%	35	32	91.4%	64	55	85.9%	30	28	93.3%	34	27	79.4%
Oct-19	26	18	69.2%	32	28	87.5%	58	46	79.3%	27	22	81.5%	31	24	77.4%
Nov-19	28	17	60.7%	33	24	72.7%	61	41	67.2%	28	21	75.0%	33	20	60.6%
Dec-19	51	43	84.3%	72	47	65.3%	123	90	73.2%	59	43	72.9%	64	47	73.4%
Jan-20	45	33	73.3%	40	30	75.0%	85	63	74.1%	34	25	73.5%	51	38	74.5%
Feb-20	31	24	77.4%	36	25	69.4%	67	49	73.1%	32	24	75.0%	35	25	71.4%
Mar-20	45	35	77.8%	43	37	86.0%	88	72	81.8%	39	36	92.3%	49	36	73.5%
Apr-20	17	14	82.4%	20	18	90.0%	37	32	86.5%	17	14	82.4%	20	18	90.0%
May-20	34	29	85.3%	34	30	88.2%	68	59	86.8%	29	27	93.1%	39	32	82.1%
Jun-20	25	21	84.0%	22	19	86.4%	47	40	85.1%	18	16	88.9%	29	24	82.8%
Jul-20	24	13	54.2%	25	13	52.0%	49	26	53.1%	21	13	61.9%	28	13	46.4%
Aug-20	27	23	85.2%	27	25	92.6%	54	48	88.9%	24	22	91.7%	30	28	93.3%
Sep-20	37	33	89.2%	42	37	88.1%	79	70	88.6%	34	29	85.3%	45	41	91.1%
Oct-20	32	27	84.4%	40	34	85.0%	72	61	84.7%	33	25	75.8%	39	36	92.3%
Nov-20	25	23	92.0%	32	30	93.8%	57	53	93.0%	26	23	88.5%	31	30	96.8%
Dec-20	36	33	91.7%	47	43	91.5%	83	76	91.6%	40	36	90.0%	43	40	93.0%
Jan-21	26	26	100.0%	36	35	97.2%	62	61	98.4%	29	29	100.0%	33	32	97.0%
Feb-21	24	24	100.0%	28	27	96.4%	52	51	98.1%	25	24	96.0%	27	27	100.0%
Mar-21	25	25	100.0%	34	30	88.2%	59	55	93.2%	28	27	96.4%	31	28	90.3%
Apr-21	26	25	96.2%	40	34	85.0%	66	59	89.4%	33	27	81.8%	33	32	97.0%
May-21	33	32	97.0%	45	39	86.7%	78	71	91.0%	39	35	89.7%	39	36	92.3%
Jun-21	23	21	91.3%	32	21	65.6%	55	42	76.4%	29	20	69.0%	26	22	84.6%
Jul-21	24	21	87.5%	35	19	54.3%	59	40	67.8%	28	19	67.9%	31	21	67.7%
Aug-21	20	20	100.0%	32	29	90.6%	52	49	94.2%	31	30	96.8%	21	19	90.5%
Sep-21	23	22	95.7%	33	30	90.9%	56	52	92.9%	28	26	92.9%	28	26	92.9%
Oct-21	23	21	91.3%	35	26	74.3%	58	47	81.0%	28	23	82.1%	30	24	80.0%
Nov-21	24	22	91.7%	32	26	81.3%	56	48	85.7%	27	24	88.9%	29	24	82.8%
Dec-21	42	36	85.7%	63	44	69.8%	105	80	76.2%	55	44	80.0%	50	36	72.0%
Jan-22	24	22	91.7%	36	28	77.8%	60	50	83.3%	29	26	89.7%	31	24	77.4%
Feb-22	27	22	81.5%	38	28	73.7%	65	50	76.9%	34	26	76.5%	31	24	77.4%
Mar-22	28	25	89.3%	41	30	73.2%	69	55	79.7%	32	26	81.3%	37	29	78.4%

## Rail Journeys

Analysis of train journeys in and out of Worcester at morning and evening peak times. Figures include scheduled services that were cancelled or did not run.

Period	Journeys To Worcester							
	Scheduled	Cancelled/ Not Run	Cancelled/ Not Run %	Completed	On Time	Late	% On Time	
Jan-21	510	7	1.4	503	405	98	80.5	
Feb-21	480	9	1.9	471	379	92	80.5	
Mar-21	552	11	2.0	541	438	103	81.0	
Apr-21	531	11	2.1	520	426	94	81.9	
May-21	473	60	12.7	413	303	110	73.4	
Jun-21	438	7	1.6	431	266	165	61.7	
Jul-21	475	15	3.2	460	322	138	70.0	
Aug-21	370	3	0.8	367	276	91	75.2	
Sep-21	497	4	0.8	493	358	135	72.6	
Oct-21	483	6	1.2	477	331	146	69.4	
Nov-21	507	7	1.4	500	284	216	56.8	
Dec-21	509	20	3.9	489	279	210	57.1	
Jan-22	504	11	2.2	493	349	144	70.8	
Feb-22	479	49	10.2	430	259	171	60.2	
Mar-22	558	12	2.2	546	364	182	66.7	
<b>2022</b>	<b>1,541</b>	<b>72</b>	<b>4.7</b>	<b>1,469</b>	<b>972</b>	<b>497</b>	<b>66.2</b>	
<b>2021</b>	<b>5,825</b>	<b>160</b>	<b>2.7</b>	<b>5,665</b>	<b>4,067</b>	<b>1,598</b>	<b>71.8</b>	

Period	Journeys From Worcester							
	Scheduled	Cancelled/ Not Run	Cancelled/ Not Run %	Completed	On Time	Late	% On Time	
Jan-21	620	13	2.1	607	457	150	75.3	
Feb-21	540	13	2.4	527	400	127	75.9	
Mar-21	665	18	2.7	647	479	168	74.0	
Apr-21	632	11	1.7	621	456	165	73.4	
May-21	569	79	13.9	490	289	201	59.0	
Jun-21	565	12	2.1	553	227	326	41.0	
Jul-21	583	20	3.4	563	231	332	41.0	
Aug-21	566	8	1.4	558	391	167	70.1	
Sep-21	632	15	2.4	617	396	221	64.2	
Oct-21	613	18	2.9	595	332	263	55.8	
Nov-21	642	12	1.9	630	314	316	49.8	
Dec-21	643	25	3.9	618	323	295	52.3	
Jan-22	626	12	1.9	614	389	225	63.4	
Feb-22	590	49	8.3	541	305	236	56.4	
Mar-22	679	19	2.8	660	402	258	60.9	
<b>2022</b>	<b>1,895</b>	<b>80</b>	<b>4.2</b>	<b>1,815</b>	<b>1,096</b>	<b>719</b>	<b>60.4</b>	
<b>2021</b>	<b>7,270</b>	<b>244</b>	<b>3.4</b>	<b>7,026</b>	<b>4,295</b>	<b>2,731</b>	<b>61.1</b>	

Journeys To/From	Journeys To Worcester							
	Scheduled	Cancelled/ Not Run	Cancelled/ Not Run %	Completed	On Time	Late	% On Time	
B'ham Snow Hill	194	16	8.2	178	57	121	32.0	
Bristol TM	196	5	2.6	191	149	42	78.0	
London Padd'ton	576	31	5.4	545	384	161	70.5	
Oxford	575	20	3.5	555	382	173	68.8	
<b>2022</b>	<b>1,541</b>	<b>72</b>	<b>4.7</b>	<b>1,469</b>	<b>972</b>	<b>497</b>	<b>66.2</b>	

Journeys To/From	Journeys From Worcester							
	Scheduled	Cancelled/ Not Run	Cancelled/ Not Run %	Completed	On Time	Late	% On Time	
B'ham Snow Hill	260	17	6.5	243	157	86	64.6	
Bristol TM	256	4	1.6	252	142	110	56.3	
London Padd'ton	659	39	5.9	620	279	341	45.0	
Oxford	720	20	2.8	700	518	182	74.0	
<b>2022</b>	<b>1,895</b>	<b>80</b>	<b>4.2</b>	<b>1,815</b>	<b>1,096</b>	<b>719</b>	<b>60.4</b>	

Journeys To/From	Journeys To Worcester							
	Scheduled	Cancelled/ Not Run	Cancelled/ Not Run %	Completed	On Time	Late	% On Time	
B'ham Snow Hill	920	53	5.8	867	554	313	63.9	
Bristol TM	673	10	1.5	663	501	162	75.6	
London Padd'ton	2,117	62	2.9	2,055	1,546	509	75.2	
Oxford	2,115	35	1.7	2,080	1,466	614	70.5	
<b>2021</b>	<b>5,825</b>	<b>160</b>	<b>2.7</b>	<b>5,665</b>	<b>4,067</b>	<b>1,598</b>	<b>71.8</b>	

Journeys To/From	Journeys From Worcester							
	Scheduled	Cancelled/ Not Run	Cancelled/ Not Run %	Completed	On Time	Late	% On Time	
B'ham Snow Hill	1,182	67	5.7	1,115	755	360	67.7	
Bristol TM	785	13	1.7	772	469	303	60.8	
London Padd'ton	2,490	98	4.0	2,392	1,157	1,225	48.6	
Oxford	2,823	66	2.3	2,757	1,914	843	69.4	
<b>2021</b>	<b>7,270</b>	<b>244</b>	<b>3.4</b>	<b>7,026</b>	<b>4,295</b>	<b>2,731</b>	<b>61.1</b>	

Period	Morning Peak-Time Journeys (arriving between 6 a.m. and 10 a.m.)							
	Scheduled	Cancelled/ Not Run	Cancelled/ Not Run %	Completed	On Time	Late	% On Time	
Jan-21	525	5	1.0	520	398	122	76.5	
Feb-21	480	10	2.1	470	346	124	73.6	
Mar-21	589	7	1.2	582	444	138	76.3	
Apr-21	567	8	1.4	559	434	125	77.6	
May-21	507	75	14.8	432	287	145	66.4	
Jun-21	509	13	2.6	496	258	238	52.0	
Jul-21	544	11	2.0	533	309	224	58.0	
Aug-21	540	3	0.6	537	411	126	76.5	
Sep-21	567	9	1.6	558	417	141	74.7	
Oct-21	548	10	1.8	538	329	209	61.2	
Nov-21	576	3	0.5	573	327	246	57.1	
Dec-21	561	15	2.7	546	327	219	59.9	
Jan-22	541	7	1.3	534	353	181	66.1	
Feb-22	510	43	8.4	467	277	190	59.3	
Mar-22	583	3	0.5	580	398	182	68.6	
<b>2022</b>	<b>1,634</b>	<b>53</b>	<b>3.2</b>	<b>1,581</b>	<b>1,028</b>	<b>553</b>	<b>65.0</b>	
<b>2021</b>	<b>6,513</b>	<b>169</b>	<b>2.6</b>	<b>6,344</b>	<b>4,287</b>	<b>2,057</b>	<b>67.6</b>	

Period	Evening Peak-Time Journeys (arriving between 4 p.m. and 8 p.m.)							
	Scheduled	Cancelled/ Not Run	Cancelled/ Not Run %	Completed	On Time	Late	% On Time	
Jan-21	605	15	2.5	590	464	126	78.6	
Feb-21	540	12	2.2	528	433	95	82.0	
Mar-21	628	22	3.5	606	473	133	78.1	
Apr-21	596	14	2.3	582	448	134	77.0	
May-21	535	64	12.0	471	305	166	64.8	
Jun-21	494	6	1.2	488	235	253	48.2	
Jul-21	514	24	4.7	490	244	246	49.8	
Aug-21	396	8	2.0	388	256	132	66.0	
Sep-21	562	10	1					

# Superfast Broadband (latest update: March 2022)

## Worcestershire homes and business premises connected to Superfast broadband (24 Megabits per second)

2017/2018	%
Jun-17	92.90%
Sep-17	93.30%
Dec-17	94.10%
Mar-18	94.60%

2018/2019	%
Jun-18	94.70%
Sep-18	95.30%
Dec-18	95.50%
Mar-19	95.70%

2019/2020	%
Jun-19	95.80%
Sep-19	96.00%
Dec-19	96.26%
Mar-20	96.50%

2020/2021	%
Jun-20	96.74%
Sep-20	96.87%
Dec-20	97.06%
Mar-21	97.30%

2021/2022	%
Jun-21	97.46%
Sep-21	97.65%
Dec-21	97.83%
Mar-22	97.99%

Data Source: <https://labs.thinkbroadband.com/local/worcestershire.E1000034>

## Worcestershire Greenhouse Gas Emissions

source: Department for Business, Energy and Industrial Strategy - UK Local Authority and Regional Carbon Dioxide Emissions National Statistics (latest update: June 2022 for calendar years 2015 to 2020)

CO <sub>2</sub> emissions estimates 2005-2020 (kilotonnes of CO <sub>2</sub> )											
Year	Industrial	Commercial	Domestic	Public Sector	Transport	Land use, land-use change, and forestry	Agriculture	Waste Management	Total	per capita emissions	
										Worcs	England
2005	772.8	427.4	1,428.5	205.2	1,788.4	-25.3	--	--	4,597.0	8.3	8.7
2006	801.1	459.2	1,440.9	208.7	1,784.2	-25.7	--	--	4,668.3	8.4	8.6
2007	762.2	431.3	1,391.5	194.9	1,810.3	-30.2	--	--	4,560.0	8.2	8.3
2008	735.9	419.0	1,387.1	187.9	1,730.9	-35.4	--	--	4,425.4	7.9	8.1
2009	607.2	350.1	1,260.0	161.1	1,687.1	-34.3	--	--	4,031.4	7.2	7.2
2010	650.0	368.1	1,355.1	172.2	1,668.2	-34.5	--	--	4,179.1	7.4	7.4
2011	589.4	347.2	1,177.8	160.2	1,637.5	-37.2	--	--	3,874.9	6.8	6.7
2012	614.7	361.3	1,263.0	166.1	1,578.2	-35.1	--	--	3,948.2	6.9	7.0
2013	601.7	349.8	1,227.7	163.1	1,582.3	-39.6	--	--	3,885.0	6.8	6.8
2014	551.9	300.4	1,046.7	140.1	1,614.1	-39.1	--	--	3,614.1	6.3	6.1
2015	522.9	273.7	1,014.5	126.6	1,651.7	-43.3	--	--	3,546.1	6.1	5.9
2016	478.7	231.5	963.2	109.6	1,678.6	-37.2	--	--	3,424.3	5.9	5.5
2017	471.4	209.8	902.6	110.3	1,672.6	-40.4	--	--	3,326.4	5.7	5.3
2018	462.3	202.9	885.4	118.7	1,625.9	-39.8	325.7	213.1	3,794.2	6.4	6.0
2019	424.6	180.3	852.9	104.9	1,600.3	-40.6	327.7	215.9	3,665.9	6.2	5.7
2020	371.4	145.4	842.8	97.6	1,277.8	-37.5	316.7	200.9	3,215.1	5.4	5.1

CO <sub>2</sub> emissions estimates 2005-2020 (kilotonnes of CO <sub>2</sub> ) - Scope of Influence*											
Year	Industrial	Commercial	Domestic	Public Sector	Transport	Agriculture	Waste Management	Total	per capita emissions		
									Worcs	England	
2005	717.3	414.1	1,384.8	198.9	1,100.9	72.6	9.6	3,898.0	7.1	7.2	
2006	745.5	445.9	1,398.6	202.7	1,080.5	78.5	6.9	3,958.6	7.1	7.2	
2007	705.9	419.4	1,351.8	189.4	1,104.9	74.9	7.4	3,853.7	6.9	6.9	
2008	679.6	407.6	1,349.0	182.8	1,069.1	74.0	7.4	3,769.4	6.7	6.7	
2009	574.3	339.7	1,223.2	156.3	1,033.3	67.2	7.7	3,401.8	6.0	6.1	
2010	616.6	357.9	1,317.3	167.4	1,023.4	69.3	7.6	3,559.5	6.3	6.4	
2011	558.6	337.2	1,142.3	155.5	1,011.4	67.4	7.1	3,279.5	5.8	5.7	
2012	584.8	351.5	1,225.0	161.4	974.2	69.5	6.5	3,372.7	5.9	6.0	
2013	573.6	341.4	1,193.9	158.9	960.8	68.9	6.8	3,304.3	5.8	5.8	
2014	522.1	292.2	1,015.0	136.2	982.3	64.3	7.4	3,019.5	5.2	5.2	
2015	492.8	266.0	983.6	122.9	1,007.3	63.7	6.4	2,942.7	5.1	4.9	
2016	449.0	225.3	935.7	106.6	1,025.8	63.0	7.1	2,812.6	4.8	4.6	
2017	437.0	204.1	877.1	107.4	1,031.3	61.4	7.3	2,725.4	4.6	4.4	
2018	425.6	197.3	860.1	115.5	1,019.3	60.9	6.7	2,685.4	4.5	4.3	
2019	391.1	175.0	828.0	101.9	993.1	59.3	8.2	2,556.7	4.3	4.1	
2020	343.1	141.1	818.5	94.9	799.8	58.4	8.0	2,263.8	3.8	3.7	

\* totals exclude large industrial sites, railways, motorways, and land-use

## Worcestershire County Council Greenhouse Gas Emissions (latest update: November 2021 for 2020/2021)

Emissions Category (please see notes for details)	WCC Greenhouse Gas Emissions (tonne/CO <sub>2</sub> )				Change from 2009/2010			
	2009/2010 (baseline)	2018/2019	2019/2020	2020/2021	2018/2019	2019/2020	2020/2021	
Scope 1	4,598	2,669	2,467	2,480	-42.0	-46.3	-46.1	Natural gas use in WCC buildings (excluding schools); fuel use in WCC vehicle fleet; residual fuel use (e.g. burning oil, LPG, etc.) consumed at WCC sites (excluding schools).
Scope 2	16,672	7,934	6,459	5,273	-52.4	-61.3	-68.4	Indirect emissions - electricity use in WCC buildings (excluding schools) and street lighting (grid generation).
Scope 3	55,266	38,271	36,986	36,637	-30.8	-33.1	-33.7	Other indirect emissions, e.g. electricity use in WCC buildings (excluding schools) and street lighting (grid transmission and distribution); staff mileage travelled by WCC staff for business purposes; electricity and gas consumption in buildings operated by the main out-sourced contractors for Waste Management and Highways services; fleet and staff mileage undertaken by main out-sourced contractors for Waste Management and Highways services on behalf of WCC; petrol and diesel consumption by contracted fleet vehicles; emissions from municipal waste disposal.
<b>Totals</b>	<b>76,536</b>	<b>48,874</b>	<b>45,912</b>	<b>44,390</b>	<b>-36.1</b>	<b>-40.0</b>	<b>-42.0</b>	

Local authorities have removed schools emissions from their Greenhouse Gas reporting. In Worcestershire, an exercise was undertaken in 2019 to remove schools' emissions from the 2009/2010 data. This was done to ensure the baseline total against which progress is being monitored was calculated using the same methodology as has been applied for all years from 2018/2019. Re-calculation of figures for years from 2010/2011 to 2017/2018 would be a major piece of work.

Share of Annual Corporate Emissions by Activity	2018/2019	2019/2020	2020/2021
Waste Disposal	67.0%	69.0%	72.0%
Street Lighting	12.0%	11.0%	10.0%
Buildings - Gas	3.0%	3.0%	4.0%
Ringway	4.0%	3.0%	4.0%
Severn Waste	4.0%	5.0%	4.0%
Buildings - Electricity	5.0%	4.0%	3.0%
Contract Fleet	1.0%	1.0%	1.0%
Fleet	2.0%	2.0%	1.0%
Staff Mileage	2.0%	2.0%	1.0%
Residual Fuels	0.0%	0.4%	0.0%
Staff Air Travel	0.0%	0.1%	0.0%