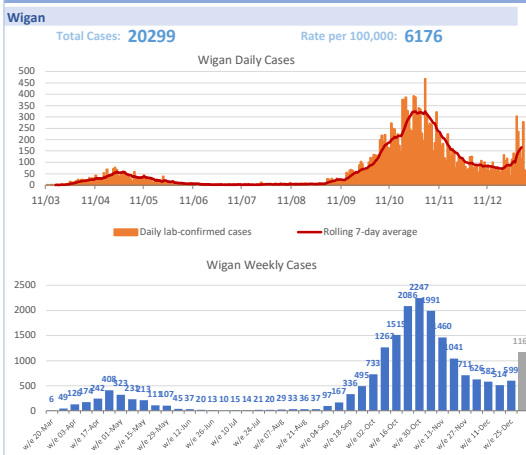


Cases

Latest data 04/01/2021



NB the data for latest 4 days are provisional and may be revised
**Not complete data week

Greater Manchester

	Latest 7 days*	Latest 7 days Rate per 100,000*	Over 60s weekly rate**	Total Cases	Total Rate per 100,000
Trafford	864	364.0	242.7	11201	4719
Wigan	1166	354.8	250.0	20299	6176
Bury	676	353.9	229.1	12192	6384
Stockport	1028	350.3	205.5	13471	4591
Manchester	1798	325.2	245.9	37208	6730
Rochdale	695	312.5	174.2	15308	6883
Salford	772	298.3	244.2	16029	6193
Oldham	692	291.8	214.4	17288	7291
Tameside	650	287.0	191.5	12350	5453
Bolton	748	260.1	184.4	17822	6198

Table sorted on latest 7 days rate

Comparators - rate per 100,000 population

	Latest 7 days*	Total
Wigan	354.8	6176
Greater Manchester	320.5	6107
North West	419.0	5387
England	572.1	4255

Most recent 4 days' data are likely to change due to reporting delays

*latest 7 days covers 26th December - 1st January

** Over 60s weekly incidence covers 25th December - 31st December

Wigan

Wigan had 1166 new cases identified in the latest 7 days*, a rate of 354.8 per 100,000 population and is the second highest rate of new cases in Greater Manchester (Trafford is highest).

Wigan is RED and an area for concern on the national escalation framework and currently categorised Very High Risk.

The total number of confirmed cases is now 20,299 a rate of 6176 per 100,000 population. This is similar to the rate for Greater Manchester as a whole (6107) and higher than the rate for the North West (5387). The Over 60s Weekly Incidence rate per 100,000 for Wigan is 250, the highest in GM.

Greater Manchester

Trafford has the highest rate of cases identified in the latest 7 days (364). Wigan (354.8) has the second highest rate in GM and 226th of the LTLAs in England. Oldham has the highest total rate per 100,000 at 7291.

Non-GM Neighbours - 7 day rate (26/12 to 01/01)

Of Wigan's neighbours in Merseyside, Cheshire and Lancashire, Warrington has the highest rate (570 per 100,000), followed by St Helens (390). West Lancashire has a rate of 383 and Chorley 305. All neighbouring areas are now RED on the national escalation framework.

As cases data are taking longer to feed through the system, GM have moved the reporting period to allow a 4 day lag, in order to ensure the data is more complete

Regional 'R' Data

Latest data 23/12/2020

Region	R	Growth Rate (% per day)
England	1.1-1.4	+2 to +5
East of England	1.2-1.5	+4 to +7
London	1.2-1.5	+4 to +8
Midlands	1.0-1.2	0 to +3
North East and Yorkshire	0.9-1.1	-2 to +2
North West	0.9-1.1	0 to +3
South East	1.2-1.4	+4 to +7
South West	1.0-1.2	+1 to +4

What is the R number?

R represents the average number of onward infections that will be generated by a single infectious individual. R tells us if the epidemic is getting bigger (>1) or smaller (<1) but not how large it is, and therefore should not be used as a sole indicator of the current threat posed by an epidemic. It cannot be measured directly so there is always some uncertainty around its exact value.

R values are shown as the range, and the most likely estimate is in the middle of this range.

Estimates of R for geographies smaller than regional level are less reliable and it is more appropriate to identify local hotspots through, for example, monitoring numbers of cases, hospitalisations, and deaths.

What is a growth rate?

The growth rate reflects how quickly the number of infections are changing day by day. It is an approximation of the change of number infections each day. If the growth rate is greater than zero (+ positive), then the disease will grow. If the growth rate is less than zero (- negative) then the disease will shrink.

North West Overview

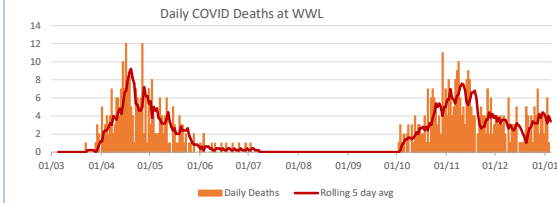
The latest range for R for the North West (0.9-1.1) the same as the previous week's (0.9-1.1). The growth rate (0 to +3) is also higher than last week (0 to +2).

Deaths

Deaths in hospital

Latest data 04/01/2021

Based on date of death, for WWL Trust



Total deaths at WWL	609
Latest daily*	0
Daily max	12
Date of daily max**	26-Apr

* number likely to increase as more cases reported through system

**latest date if max occurs >1

NB figures for latest 5 days may be revised upwards due to reporting lag

There have been 609 deaths of people with a positive COVID test at Wrightington, Wigan and Leigh Trust, with 21 deaths reported in the latest 7 days.

The highest weekly number of COVID-related deaths in hospital was seen in w/e 17th April (54).

ONS Weekly Deaths

Latest data w/e 25th Dec 2020

Latest data is for week ending 25th December (Week 52) - please note data lag.

Weeks that include Bank Holidays may have lower numbers of registrations than usual and should be interpreted with caution.

COMPARATORS

England and Wales

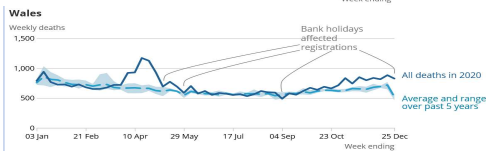
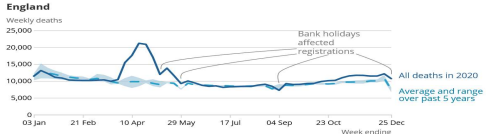
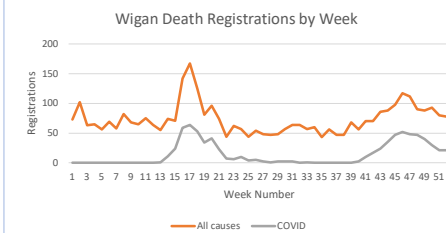
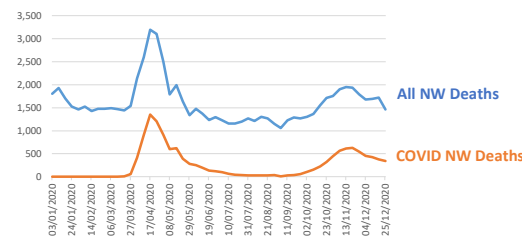


chart from ONS webpage

WIGAN



North West



Place of death	ALL CAUSES		COVID-19	
	Since 1st Jan 2020	Latest Week	Since 1st Jan 2020	Latest Week
Care home	714	11	108	3
Elsewhere	70	0	1	0
Home	957	21	26	1
Hospice	166	2	11	0
Hospital	1910	44	600	17
Other communal est.	1	0	0	0
Total	3818	78	746	21

Wigan Death Registrations

As of 25th December there have been 746 deaths registered for Wigan residents that mention COVID-19, with 21 registrations in the latest week, the same as the previous week.

There were 78 deaths from all causes registered in the latest week, a decrease of 2 from the previous week.

80% of all COVID-related deaths occurred in hospital, 14% in care homes and 3% at home.

Data Sources

Data	Source	Link
Cases		
Number of confirmed cases	GMHSCP Dashboard/PHE Tracker	https://coronavirus.data.gov.uk/
Rate per 100,000 population of confirmed cases	GMHSCP Dashboard/PHE Tracker	https://coronavirus.data.gov.uk/
Number of cases in care home residents and staff (<i>Internal Version only</i>)	Wigan Council Adult Social Care Team	<i>Local feed</i>
New Confirmed Cases in GM at MSOA level (<i>Internal Version only</i>)	Public Health England North West	[data sent to DsPH weekly from PHE]
New Confirmed Cases in GM at LA level (<i>Internal Version only</i>)	Public Health England North West	[data sent to DsPH weekly from PHE]
Cases Breakdown (<i>Internal Version only</i>)	Public Health England North West	[via secure PHE SharePoint site]
Wigan's Exceedance Level (<i>Internal Version only</i>)	Public Health England Joint Modelling Cell	[via secure PHE SharePoint site]
Regional 'R' and Growth Rate Data		
R numbers and Growth Rate by region	Government Office for Science (via PHE)	https://www.gov.uk/guidance/the-r-number-in-the-uk
Deaths		
Number of deaths from COVID-19 in hospital	NHS England	https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-daily-deaths/
Weekly number of registered deaths and deaths from COVID	ONS	https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/datasets/weeklyprovisionalfiguresondeathsregisteredinenglandandwales
Registered deaths of Wigan residents with mention of COVID (<i>Internal Version only</i>)	Wigan Registrars Office; Bolton data via Bolton Council	<i>Local feed</i>
Deaths of Care Home Residents with COVID (<i>Internal Version only</i>)	Wigan Council Adult Social Care Team	<i>Local feed</i>
Contact Tracing		
All contact tracing data (<i>Internal Version only</i>)	NHS Test and Trace	[via secure PHE SharePoint site]
Hospital Admissions		
Number of beds occupied by Covid-positive patients (<i>Internal Version only</i>)	COVID-19 Situation Operational Dashboard	[via secure online site]
Data direct from WWL (<i>Internal Version only</i>)	Wrightington, Wigan and Leigh NHS Foundation Trust	<i>Local feed</i>

Further Information

Please contact the Senior Public Health Analysts at Wigan Council:

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 Helen Day h.day@wigan.gov.uk

For more information about how to interpret deaths data, please see:

ONS Blog <https://blog.ons.gov.uk/2020/03/31/counting-deaths-involving-the-coronavirus-covid-19/>
 NHS Notes <https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-daily-deaths/>
 COVID-19 Actuaries Response Group https://www.linkedin.com/posts/covid-19-actuaries-response-group_covid19-understanding-data-fletcher-ryan-activity-6656113673905549313-ZnTq

For more information about the R number:

PHE Blog <https://publichealthmatters.blog.gov.uk/2020/05/15/coronavirus-covid-19-real-time-tracking-of-the-virus/>