Weekly Covid-19 Data Briefing – External (26/07/2020 – 08/08/2020)

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Date: 10/08/2020   Eleanor Roaf/Harry Wallace

Summary

1) We have seen a substantial drop in the number of positive cases this week with 46 new cases , but our figures are are still substantially higher than at the start of July

2) Our rate per 100,000 has improved (now 22.5/100,00) but we are still at number 22 in the country, and neighbouring areas in Greater Manchester are continuing to show increases.

3) Our testing rate is high, at 194.5/100,00, and our positivity has dropped to 1.7% average over the last 7 days

4) Following the triggers outlined by the GM PH Data and Intelligence Cell, (see slide 5) we are hitting triggers for our cases. We are no longer hitting triggers for our early warning indicators or our rate of positives.

5) Of cases in the last 2 weeks:

   a) Hale Barns in South Trafford has had the highest number & rate of positives followed by Gorse Hill and Firswood.

   b) We are no longer seeing the disproportionate number of 17-22 year olds

   c) There has been a slight increase of people in the 45-60 age band testing positive when comparing the week starting the 26th of July and the 2nd of August. This contrasts with drops in all other groups

   d) We are seeing a slight increase in the number of cases in the North of the borough.

Overview Charts and Tables

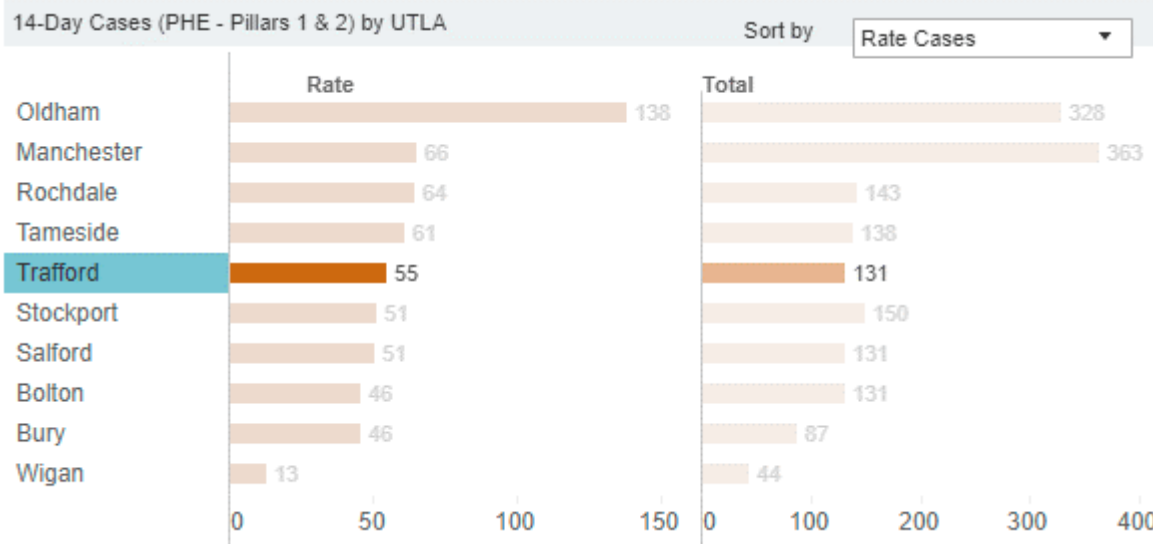| Period	Area	Cases	Tests	Cases per 100,000	Persons tested per 100,000	positivity
Most recent 14 days (up to 08/08/2020	Trafford	123	5893	52.0	2493.1	2.1
	North West	2659	140880	36.5	1932.0	1.9
	England	9239	833336	16.5	1488.7	1.1

B) July 26 2020 to August 8 2020

Source: Epidemiology of laboratory-confirmed COVID-19 cases in Trafford, North West

Overview Charts and Tables comparisons

14-Day Cases (PHE pillar 1 & 2) is up to 07/08/2020

14-Day Cases (PHE - Pillars 1 & 2) by UTLA   Sort by [Rate Cases ▼]

	Rate	Total
Oldham	138	328
Manchester	66	363
Rochdale	64	143
Tameside	61	138
Trafford	55	131
Stockport	51	150
Salford	51	131
Bolton	46	131
Bury	46	87
Wigan	13	44

Rank (Highest incidence)	LTLA	Region	Rate per 100,000 population			
			Prior 7 days (2020-07-22 to 2020-07-28)	Most recent 7 days (2020-07-29 to 2020-08-04)	Absolute difference	Relative change
1	Pendle	North West	40.5	84.2	43.7	Increase
2	Blackburn with Darwen	North West	87.3	82.6	-4.7	=
3	Oldham	North West	59.8	69.2	9.4	=
4	Bradford	Yorkshire and Humber	47.3	55.7	8.4	=
5	Leicester	East Midlands	60.0	55.2	-4.8	=
22	Trafford	North West	40.6	25.0	-15.6	Decrease

Source: Epidemiology of laboratory-confirmed COVID-19 cases in Trafford, North West & LA Testing Dashboard
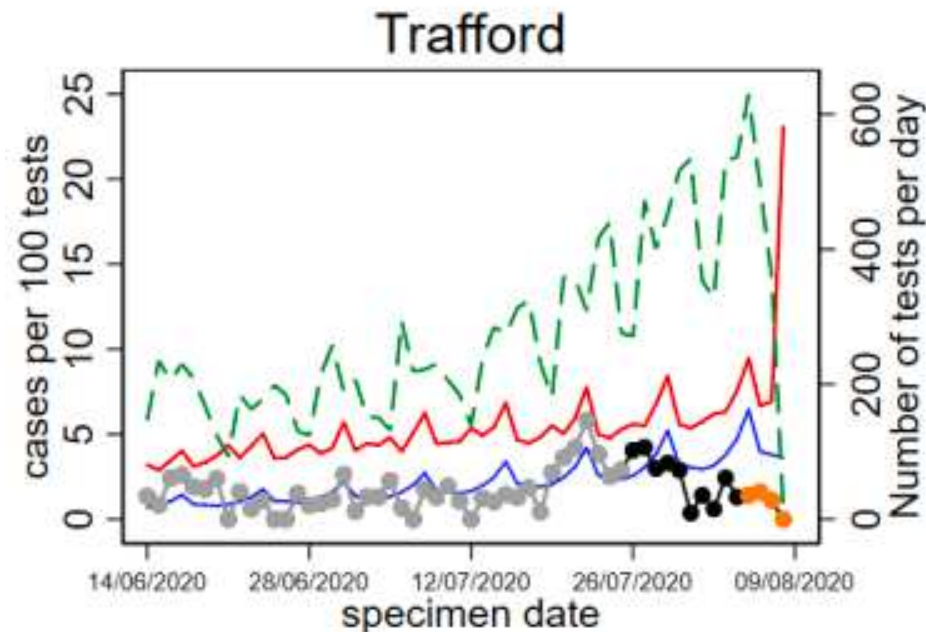
Triggers

Trigger	Threshold	Trafford Previous week	Trafford Current Week	Source
Number of cases	Locality specific values but approximately **Red**: over 20 cases per week **Amber** 10-20 cases per week **Green** – less than 10 cases per week	**80** (26/07/20 – 01/08/20)	**50** (02/08/2020 – 08/08/2020)	PHE COVID-19 test and case data
Rate per 100,000	**Red** >50 cases per 100,000 per week, **Amber** 25-50 per 100,000 per week, **Green** <25 per 100,000 per week	**33.7** (26/07/20 – 01/08/20)	**21.06** (02/08/2020 – 08/08/2020)	PHE COVID-19 test and case data
Positivity Rate	**Red** >7.5%, **Amber** 4% to 7.5%,, **Green** <4%	**3.4%** (19/07/20 - 02/08/20)	**2.1%** (26/07/20 - 08/08/20)	PHE, Regional SAR report Pillar 1 and 2 data,
Exceedance Report	**Red**: exceeded threshold for 2 or more days in the last 14 OR observed cases per 100 test is greater than forecast mean for 12 out of 14 days **Amber**: exceeded threshold one day in the last 14 **Green**: not meeting the criteria for Red or Amber	**12 of 14** days the observed of report cases is above the threshold (19/07/20 - 02/08/20)	**0 of 14** days the observed of report cases is above the threshold (26/07/20 - 08/08/20)	PHE Exceedance report

Exceedance Report
(26/07/20 – 08/08/2020)

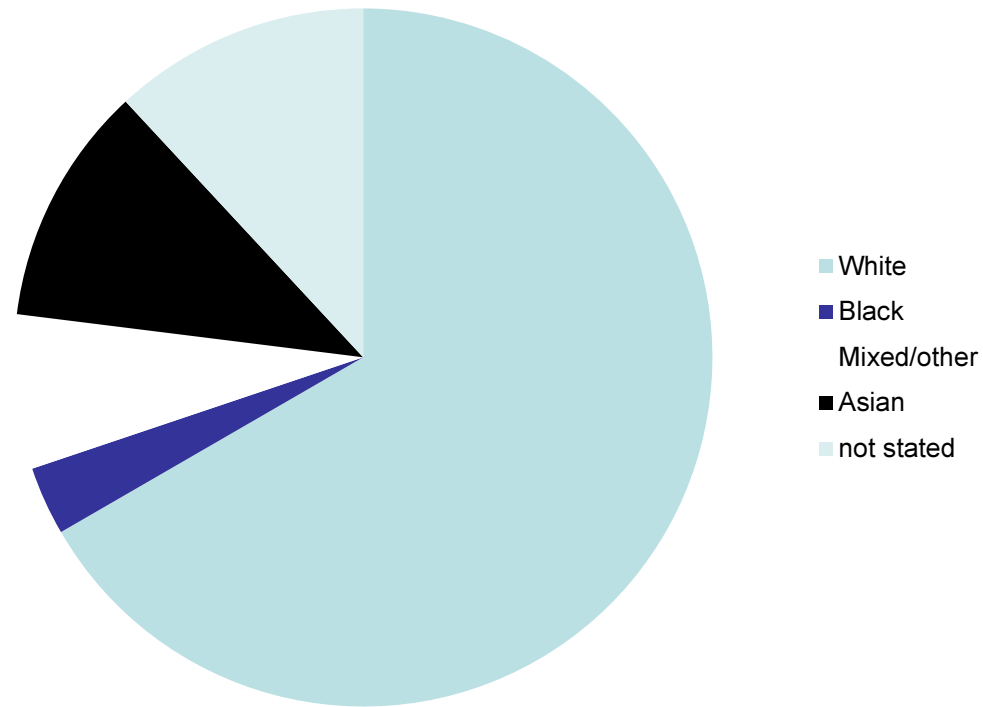| RAG	Observed (O)	Expected (E)	mean X	max X	No. days O exceeds Expected	No. days O exceeds Threshold	IRR	lower 95% CL	upper 95% CL
GREEN	123	233.87	-0.57	0.49	2	0	0.942	0.905	0.98

The red line is the 99% threshold, the blue line is the expected or average number of cases per 100 tests each day which is predicted from the regression model. The grey line and points are the observed number of cases per 100 tests in the baseline period, i.e. the six weeks of data that are used in the exceedance algorithms regression model. The black line and points are the observed number of cases per 100 tests in the 14-day investigation period. The orange points are the observed number of cases per 100 tests in the last four which are subject reporting delay so care is required in interpreting these as they are liable to change as more data is reported. The green dashed line is the total number of tests (pillar 1 and pillar 2 tests combined) each day in the LTLA. A rough estimate of the number of cases each day can be obtained by multiplying the observed cases per 100 tests each day by the number of tests each day, and dividing by 100

Trafford

Demographics: Ethnicity
(26/07/2020 – 08/08/2020)

88% of cases had
ethnicity recorded
(115 of 130)

- White
- Black
- Mixed/other
- Asian
- not stated

Source: PHE
Test & Case data

Demographics: age and sex (26/07/2020 – 08/08/2020)

Age	26/07/2020 - 01/08/2020	02/08/2020 - 10/08/2020	Total
0-14	9	2	11
15-29	26	11	37
30-44	19	11	30
45-59	18	20	38
Over 60	8	6	14

Gender	26/07/2020 - 01/08/2020	02/08/2020 - 10/08/2020	Total
Female	40	23	63
Men	40	27	67

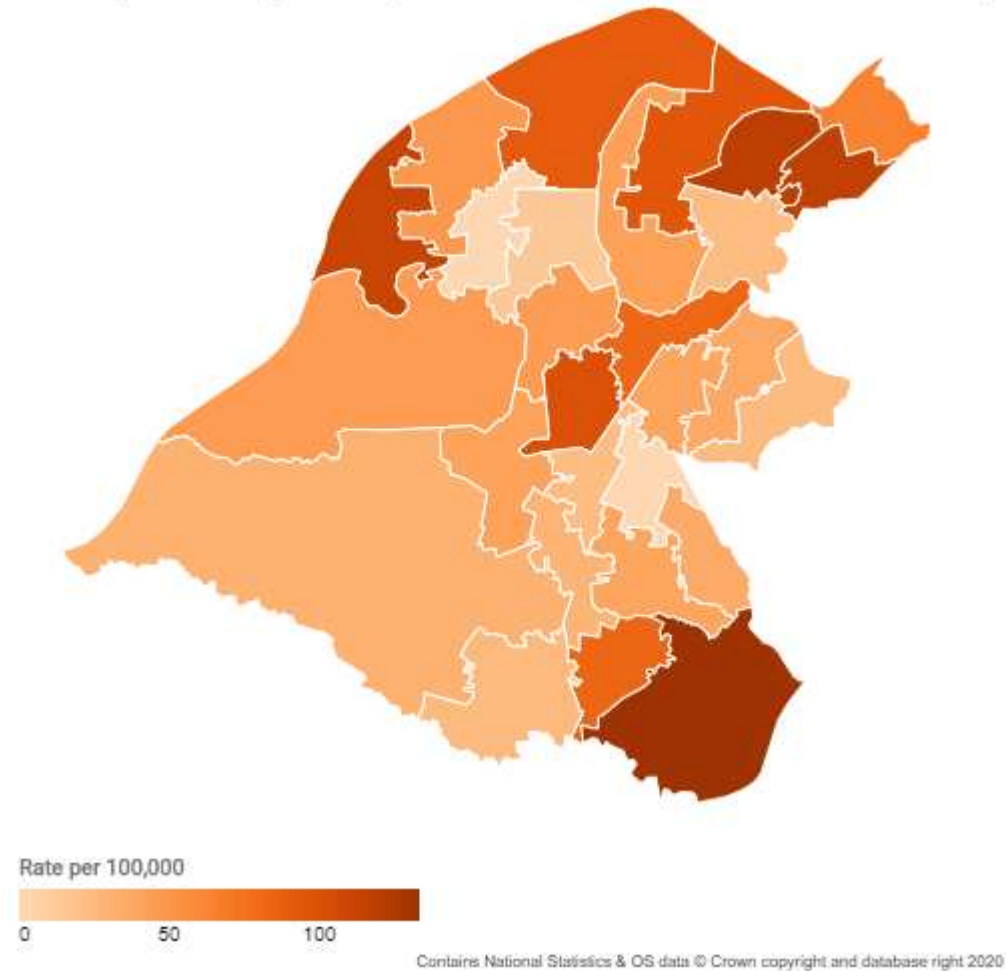| Cases	26/07/2020 - 01/08/2020	02/08/2020 - 10/08/2020	Total
Pillar 1	5	9	14
Pillar 2	75	41	116

Source: PHE
Test & Case data

Last 14 Days Analysis Map
(26/07/2020 – 08/08/2020)

Rate of positives per 100,000 in Trafford (26/07/20 - 08/08/20)

Rate per 100,000

0   50   100

Contains National Statistics & OS data © Crown copyright and database right 2020

Source: PHE
Test & Case data

Actions

1) We are monitoring the exceedance data within the context of other indicators such as our positive rate and number of tests.

2) We have developed a 10 point action plan for August and September, which is being ratified and progressed through our Health Protection Board and Public Engagement Board

3) We are continuing to conduct community outreach in areas with the highest number of cases.

4) Linking in with contact tracing to map out clusters

5) Exploring why certain demographics are showing up in the last 14 days, and developing neighbourhood plans to respond to these.

6) Working with businesses (including large employers, and the hospitality industry) around engagement, especially with the new restrictions

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Trafford's 10 point plan for August – September 2020

- Ensure that strategic and operational decisions in respect of COVID-19 are informed consistently by high quality data and intelligence
- Increase access to and uptake of testing
- Provide local contact tracing and environmental health capacity to prevent and respond to local outbreaks
- Develop and implement community engagement plans for targeted work in specific areas and with specific groups
- Further amplify key communication messages in relation to the new restrictions
- Inform and engage the hospitality sector and businesses on the new guidance and regulations. Provide advice to event organisers on COVID-19 secure guidelines.
- Continue to support residents and patients who are clinically vulnerable and respond to the evolving guidance on shielding
- Embed infection control practices across all sectors including PHE guidance, correct PPE use
- Plan now for the return of students and pupils to schools and colleges in September
- Consider the suite of contain measures currently being developed for Greater Manchester and apply them as necessary to the local situation in Trafford, ensuring collaboration with adjacent authorities

Recommended apps for daily updates; produced by Henry Partridge in the Trafford data lab

- Covid-19: this app shows week-on-week change in the absolute and relative number of coronavirus cases by English local authority. It is designed to serve as a simple early warning system. https://www.trafforddatalab.io/covid19.html

- Local_covid-19: this app provides detailed information about coronavirus cases and registered deaths at local authority level. Users can compare infection rates by CIPFA nearest neighbour and monitor trends in care home and hospital deaths https://trafforddatalab.shinyapps.io/local_covid-19

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- 3) trafford_covid-19: this app shows the trend in confirmed cases in Trafford and presents updated infection rates for all GM authorities. https://trafforddatalab.shinyapps.io/trafford_covid-19

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- An interactive map of the latest weekly confirmed cases by MSOA in Greater Manchester:

  https://trafforddatalab.shinyapps.io/trafford_covid-19

- All of the apps retrieve the latest data as they load.

Link to national data sets:

https://coronavirus.data.gov.uk/cases