

Report to: Public Engagement Board

Date: 16/11/2020

Report of: COVID-19 Programme Team

CLT Lead: Eleanor Roaf, Director Public Health Trafford

Report Title: Data surveillance update paper to Public Engagement Board

Report Summary:

This paper provides an update on the current data position for COVID-19 within Trafford and provides comparative information with other GM localities. Data insights into any potential trends are provided based on best available public health information and intelligence available.

Overall position

As of November 6th, Trafford has the 40th highest rate of weekly covid cases per 100,000 population in England. Trafford's weekly incidence has plateaued over the last two weeks, albeit at a very high rate. All of our wards all have a weekly incidence greater than 280/100,000 population, and four have rates of over 500/100,000 which shows the importance of controlling transmission across the whole of Trafford, especially as we are still seeing worryingly high rates in our 60+ population, and particularly residents 80 years and older. Our key messages remain that we should all limit our social contacts, maintain social distancing, and wash our hands thoroughly and regularly. These messages are especially important throughout the period of this current lockdown, as this gives us the best chance of getting infection rates down.

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1.0 Distribution of COVID-19 cases within Trafford

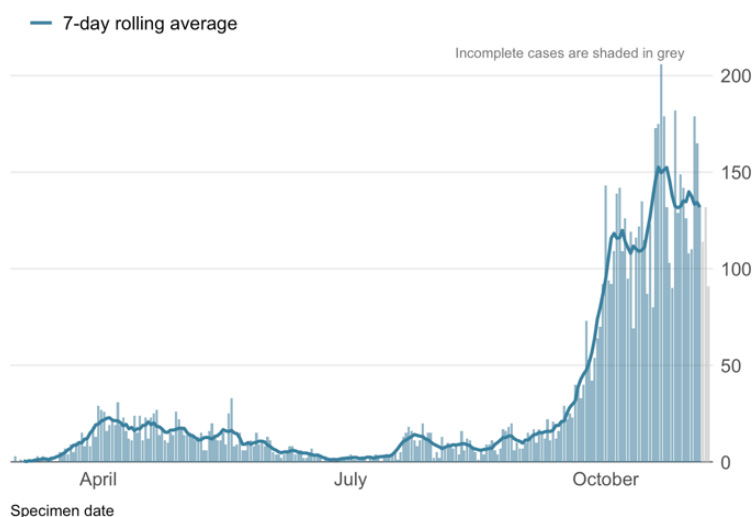
1.1 During the week 31 October – 06 November, there were a total of **937** confirmed cases in Trafford, equivalent to a rate of **399** per 100,000 residents. During the previous week (23rd – 29th October) there were a total of **928** cases, at a rate of **390.1** per 100,000 resident. The highest number of daily cases during week ending November 05 was **179**, reported on November 2nd.

1.2 Below (figure 1) is the epidemic curve for Trafford, indicating the total number of confirmed cases and 7-day rolling average since March 2nd.

1.3 The rise in daily cases since the end of August is represented by the sharp rise in the 7-day rolling average; indicating that total cases per day have consistently stayed high throughout the month of September, going into October.

1.4 Throughout the first two weeks of October daily cases started to level out, however since week beginning October 19, Trafford experienced a sharp rise in daily cases, mostly greater than 150 confirmed cases per day.

1.5 The sharp rise in daily cases throughout the mid-part of October has been followed by a subsequent drop in the 7-day rolling average, which is 133 cases per day, and our weekly incidence rate to just under 400/100,000 population.



Source: PHE Covid-19 Situational Awareness Explorer

Figure 1. Epidemic curve of daily confirmed new cases
Trafford, 02 March to 07 November

1.6 As of week ending 6th November, Trafford’s 20-29 age group continue to have the highest incidence rates. We have however, as shown in figure 2, seen incidence rates in the remaining working age population increase to a similar rate to that of the 20-29 age group.

1.7 Incidence rates in our younger age groups (<20) haven’t altered much over the previous two weeks, however rates have continued to drop in our 17-21 age group, with an incidence rate of 525.4/100,000 population (previously greater than 700/100,000 week ending October 25th).

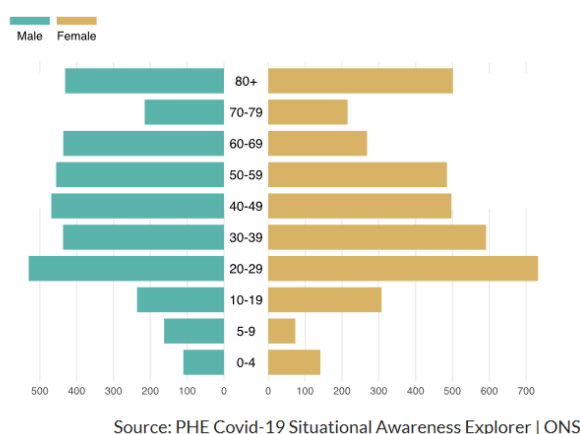


Figure 2. Incidence per 100,000 population by age and gender
Trafford, 30th October to 05th November 2020

1.8 As of November 05, total weekly cases in Trafford’s 65+ population have exceeded 100 for the 3rd week in a row, with rates now greater than 350/100,000 population.

1.9 Of particular concern within the 60+ population is the high incidence rates that we are experiencing in residents 80 years and older. Among both males and females, the incidence rate in this age groups is over 400/100,000 population, with positive cases dispersed across all of Trafford’s wards. These people are the most likely to become seriously ill if they catch Covid.

1.11 Trafford’s ‘White’ ethnic group, as of week ending November 05, contribute to the highest number of cases (**661**), followed by the ‘Asian / Asian British’ ethnic group (**109**).

1.10 As shown in table 1, Incidence rates within the ‘Other’ and ‘Asian / Asian British’ populations are greatest. Incidence rates between each of Trafford’s ethnic groups have remained relatively unchanged.

Table 1. Case count and incidence per 100,000 population by ethnicity

Trafford, 30 October to 05 November 2020

Source: PHE Daily COVID-19 Surveillance Reports

Cases in last 7 days		
Ethnic group	n	Per 100,000
Other	37	1681.8
Asian / Asian British	109	606.5
White	661	341
Mixed	19	315
Black / Black British	19	290.5

2.0 Geographical spread of COVID-19 in Trafford

2.1 We are still seeing the high rates of infection across the whole of Trafford, with four wards (Urmston, Davyhulme W, Hale Barns and Longford), all having a weekly incidence rate greater than 500/100,000 population week ending November 05.

2.2 All but two of Trafford's wards (Altrincham and Broadheath) have a weekly incidence less than 300/100,000 population, indicating that transmission is still widespread within the population.

3.0 Testing in Trafford

3.1 Over a 14 day period, ending November 08, the majority (**91.1%**) of COVID tests were conducted in our pillar 2 sites, consisting of all out-of-hospital testing sites. The proportion of tests being conducted in our pillar 1 testing sites has increased slightly.

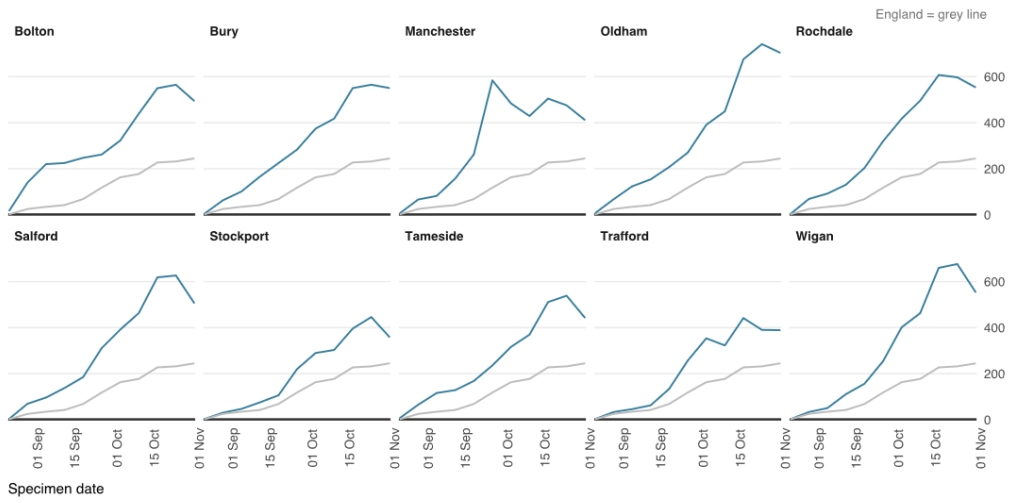
3.2 Total positivity rate amongst both testing sites sits at **14%**.

3.3 Over 90% of people who test positive state that they were symptomatic at the time of testing.

4.0 Comparative data of COVID-19 cases within the local authorities of Greater Manchester

4.1 As presented in figure 3, the weekly incidence rate, since August 31, in each of GMs local authorities is either starting to level out or decrease; whilst the overall weekly incidence for England is showing a steady increase (however, the England rates remain lower than the incidence we are experiencing throughout GM).

4.2 As of week ending November 07, Trafford has the 9th lowest weekly incidence rate throughout the whole of GM.



Source: PHE Coronavirus Dashboard

Figure 3. Weekly incidence per 100,000 population by local authority
Greater Manchester, 31 August to 07 November 2020