

Twitter Thread by Adam Briggs

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Because it's Christmas eve and there's not much else to do whilst sitting in a dark room waiting for small people to go to bed, here's a quick look at today's T&T data.

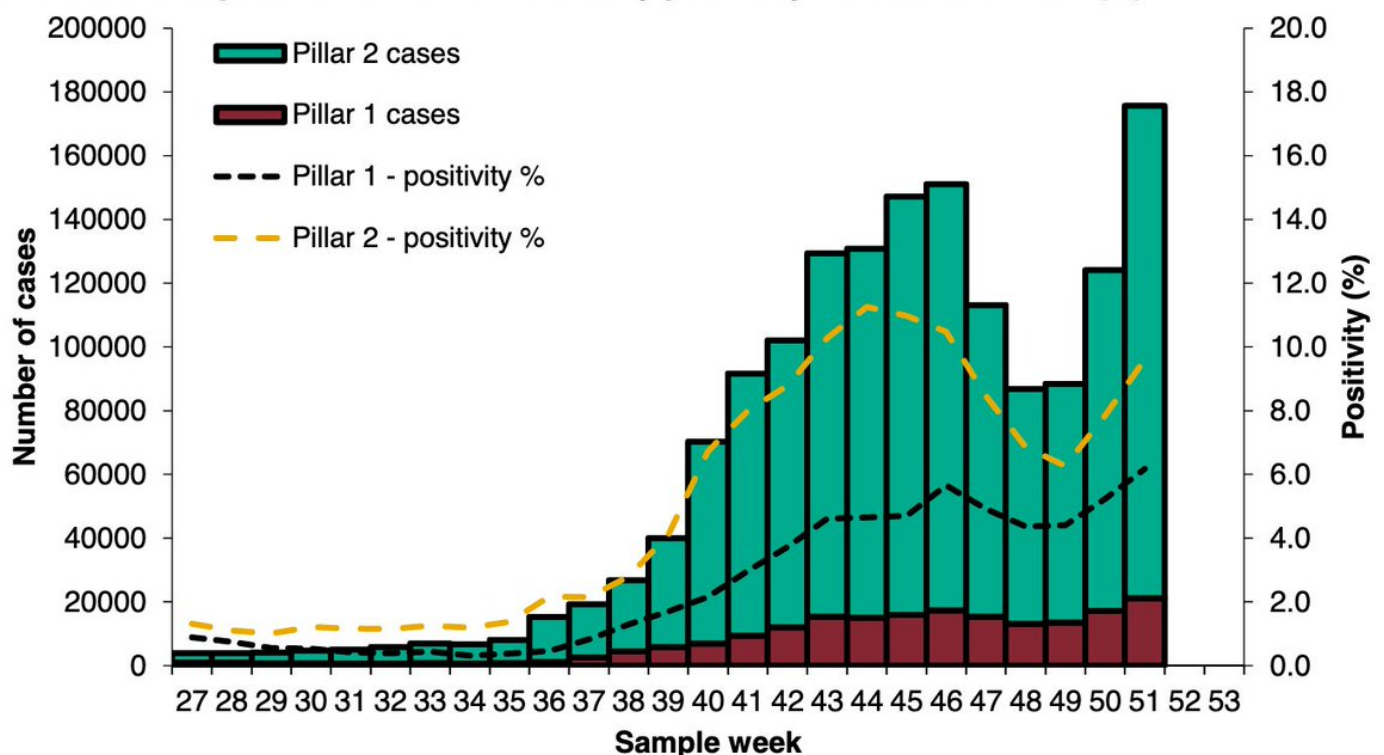
Covers 10-16th Dec.

Test times much worse, contact tracing continues to

Any graphs this wk are from PHE report. T&T are just providing data update.

Number of people tested up 12% to 1.99m but positive tests up 58% to 174k, incl a v large 67% increase in pillar 2 (community testing, including use of lateral flow tests in those who are asymptomatic).

Figure 1: Laboratory confirmed COVID-19 cases tested under Pillar 1 and Pillar 2, based on sample week with overall weekly positivity for Pillars 1 and 2 (%)



Big drop in performance for P2 test turnaround times.

- Regional test sites, 36% of results are provided within 24hrs of taking a test, down from 63% the week before.
- For local test sites the drop is from 51% to 22%
- Mobile test sites: from 68% to 48%
- For satellite test centres, 46% of results within 48hrs down from 63% the week before
- For home test kits it's now 38% compared with 64% last week.

And with median time to results increasing, also seeing distances people are having to travel beginning to creep up for regional and local test sites.

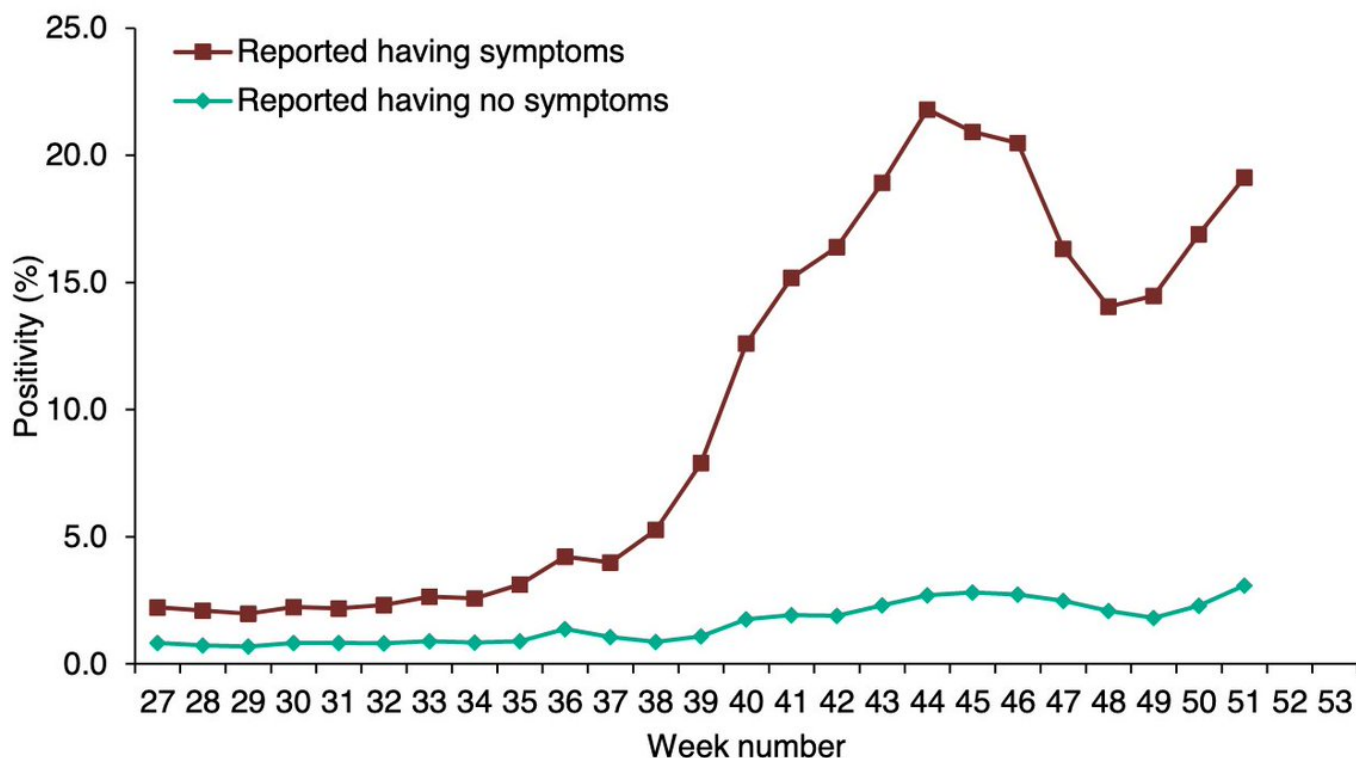
Median distance to in-person Covid-19 test sites for booked tests by route, Pillar 2 England, 28 May - 16 December					
	19/11/20 - 25/11/20	26/11/20 - 02/12/20	03/12/20 - 09/12/20	10/12/20 - 16/12/20	Total since Test and Trace launched
Regional test sites					
Median distance to test site for booked test (miles)	4.3	4.3	4.3	4.7	5.1
75th percentile (miles)	8.0	8.0	8.2 r	9.1	9.6
90th percentile (miles)	12.4	12.5	12.9	13.8	14.8
95th percentile (miles)	15.3	15.7	16.0	17.2	19.3
Local test sites					
Median distance to test site for booked test (miles)	1.1	1.1	1.1	1.2	1.4
75th percentile (miles)	2.1	2.1	2.2	2.3	2.9
90th percentile (miles)	3.9	3.8 r	3.9	4.0	5.7
95th percentile (miles)	5.8	5.5	5.7	5.9	8.3
Mobile testing units					
Median distance to test site for booked test (miles)	2.9	2.9	3.1	2.7	3.4
75th percentile (miles)	5.9	6.0	6.1	5.8	7.6
90th percentile (miles)	10.3	10.3 r	10.5 r	10.1	13.8
95th percentile (miles)	13.2 r	13.7 r	13.8 r	13.5	20.3
All in-person tests					
Median distance to test site for booked test (miles)	2.4	2.3	2.3	2.3	3.3
75th percentile (miles)	5.3 r	5.1	5.1	5.2	7.1
90th percentile (miles)	9.8	9.7	9.8	10.0	12.8
95th percentile (miles)	12.9 r	13.1 r	13.4 r	13.6	17.8

I really *hope* that this is not a sign that the system is buckling as case numbers rise but I fear it might be. It is so important for contact tracing and stopping transmission that people with symptoms can get tested and get results in a timely way.

Symptoms predict disease.

Positivity by symptoms

Figure 11: Weekly positivity of laboratory confirmed COVID-19 cases by symptoms reported on Pillar 2 test request, (SGSS and Respiratory DataMart)



In terms of contact tracing.

Of the 139k transferred, an impressive 88% were reached (up from 87.5% last week, and the highest ever).

And 77% of these were reached within 24hrs - highest since wk 2 (in June)

People who were reached and asked to provide details about recent close contacts by time taken to reach						
England, 28 May - 16 December						
	12/11/20 - 18/11/20	19/11/20 - 25/11/20	26/11/20 - 02/12/20	03/12/20 - 09/12/20	10/12/20 - 16/12/20	Total since Test and Trace launched
Total number of people reached and asked to provide details of close contacts	129,541	95,372	75,164	79,860	118,071	1,232,653
Number of people reached within 24 hours	92,035	71,356	56,528	59,599	91,258	835,716
Number of people reached between 24 hours and 48 hours	27,885	17,271	13,505	14,673	20,176	258,500
Number of people reached between 48 hours and 72 hours	4,735	3,061	2,447	2,509	3,029	68,969
Number of people reached after 72 hours	4,886	3,684	2,684	3,079	3,608	69,468
Percentage of people reached within 24 hours	71.0	74.8	75.2	74.6	77.3	67.8
Percentage of people reached between 24 hours and 48 hours	21.5	18.1	18.0	18.4	17.1	21.0
Percentage of people reached between 48 hours and 72 hours	3.7	3.2	3.3	3.1	2.6	5.6
Percentage of people reached after 72 hours	3.8	3.9	3.6	3.9	3.1	5.6

79% of cases provided details of contacts (in line with previous weeks) - identifying 288k close contacts

And along with the last couple of wks, a v impressive 93% were reached.

People identified as recent close contacts by whether they were reached and asked to self-isolate, contacts n					
England, 28 May - 16 December					
	19/11/20 - 25/11/20	26/11/20 - 02/12/20	03/12/20 - 09/12/20	10/12/20 - 16/12/20	Total since Test and Trace launched
Total number of close contacts identified	247,359 r	197,286 r	195,725 r	287,756	3,727,357
Close contacts reached and asked to self-isolate	179,819 r	169,447	181,508 r	266,549	2,612,551
Close contacts not reached	67,540 r	27,839 r	14,217 r	21,207	1,114,806
Percentage of close contacts reached and asked to self-isolate	72.7	85.9	92.7	92.6	70.1
Percentage of close contacts not reached	27.3	14.1	7.3	7.4	29.9
Total number of close contacts identified not managed by local HPTs (1)	235,737 r	181,565 r	184,280 r	279,329	3,260,254
Close contacts reached and asked to self-isolate	168,336 r	153,788 r	170,148 r	258,278	2,155,740
Close contacts not reached	34,155 r	13,701 r	6,348 r	9,637	515,660
Communication details not provided	33,246 r	14,076	7,784 r	11,414	588,854
Percentage of close contacts reached and asked to self-isolate	71.4	84.7	92.3	92.5	66.1
Percentage of close contacts not reached	14.5	7.5	3.4	3.5	15.8
Percentage where communication details not provided	14.1	7.8	4.2	4.1	18.1
Total number of contacts identified managed by local HPTs (1,2)	11,622 r	15,721 r	11,445 r	8,427	467,103
Close contacts reached and asked to self-isolate	11,483 r	15,659 r	11,360 r	8,271	456,811
Close contacts not reached	139	62 r	85	156	10,292
Percentage of close contacts reached and asked to self-isolate	98.8	99.6	99.3	98.1	97.8
Percentage of close contacts not reached	1.2	0.4	0.7	1.9	2.2

The timeliness also remains impressive, with over 97% of contacts managed by the national team reached within 24hrs.

People identified as recent close contacts who were advised to self-isolate by time taken							
England, 28 May - 16 December							
	1/20 - 11/20	12/11/20 - 18/11/20	19/11/20 - 25/11/20	26/11/20 - 02/12/20	03/12/20 - 09/12/20	10/12/20 - 16/12/20	Total since Test and Trace launched
Total number of contacts not managed by local HPTs who were reached (1)	177,930 r	196,439 r	168,331 r	153,782 r	170,148 r	258,278	2,155,601
Number of people reached within 24 hours	138,218	150,807	148,727 r	146,334	165,565 r	251,821	1,737,995
Number of people reached between 24 hours and 48 hours	31,399	36,565	16,520	6,217	3,824 r	5,437	338,374
Number of people reached between 48 hours and 72 hours	5,539	6,000	2,143	876	538 r	803	54,634
Number of people reached after 72 hours	2,774 r	3,067 r	941 r	355 r	221 r	217	24,598
Percentage of people reached within 24 hours	77.7	76.8	88.4	95.2	97.3	97.5	80.6
Percentage of people reached between 24 hours and 48 hours	17.6	18.6	9.8	4.0	2.2	2.1	15.7
Percentage of people reached between 48 hours and 72 hours	3.1	3.1	1.3	0.6	0.3	0.3	2.5
Percentage of people reached after 72 hours	1.6	1.6	0.6	0.2	0.1	0.1	1.1

That's it. More detailed figures and commentary next week. But now it's time to wrap presents.

For those celebrating, enjoy and stay safe tomorrow.

Briefly, wk 29 T&T [@felly500](#) [@trishgreenhalgh](#) [@deb_cohen](#) [@martinmckee](#) [@carolecadwalla](#) [@mgmtmccartney](#) [@ADPHUK](#) [@Jeanelleuk](#) [@fascinatorfun](#) [@profchrisham](#) [@petermbenglish](#) [@HPIAndyCowper](#) [@Davewwest](#) [@HSJEditor](#) [@KateAlvanley](#) [@IndependentSage](#) [@nedwards_1](#) [@chrischirp](#) [@SamanthaJonesUK](#)

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