1. Vaccinations
2. Cases
3. Hospitalisation and Death
4. Immensa scandal

With many thanks to Bob Hawkins for his help in collating the data
Vaccination data
Percent of Total Population Unvaccinated (no dose given), Partially Vaccinated (1 dose), Fully Vaccinated (2 doses) and Booster (3 Doses) as at Oct 27

(Source: Covid Daily Update and Mid-2020 ONS Population Estimates)

Date: 27-Oct-21

Thanks to Bob Hawkins for the chart
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Mid-2020 ONS Population Estimates
In England: Boosters speeding up. Teen doses are not.

Assuming current rates continue in England we will finish boosting priority groups and teenagers by **end of February** (assuming perfect uptake)

If rates were doubled, could finish by Christmas
Overall picture
Number of new UK confirmed COVID-19 cases by reported date (people who have had a positive test) to 28 October 2021

Data from https://coronavirus.data.gov.uk
Cases per 100,000 people per rolling week by home nation by date of test to 23 October

Data from https://coronavirus.data.gov.uk
Proportion of people tested who test positive (positivity rates) to 23 October (England only to 21 October)

Data from:
Scotland: https://www.opendata.nhs.scot/dataset/covid-19-in-Scotland

Visualisation courtesy of Bob Hawkins
On average since end of last week, 150K and 20K fewer LFD and PCR tests have been taken each day.
Using approx. LFD and PCR positivity rates -> about 4K fewer cases detected
ONS infection survey prevalence by age up to 22 October

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/bulletins/coronaviruscovid19infectionsurveypilot/29october2021
Cases per 100,000 people per week for different age groups in England

Signs that cases in school age children might have peaked (for now)

Adults harder to call (due to waning immunity)

Household transmission likely very important

Data from https://coronavirus.data.gov.uk/
HOSPITALISATION AND DEATHS
Number of people in hospital per million people – UK nations
7 day rolling average to 28 October

Data from https://coronavirus.data.gov.uk.
Number of hospital admissions with Covid every day in England to 26 Oct

Data from https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-hospital-activity/
7-day average of daily number of new hospital admissions with COVID-19 per day / million people across different regions in England

Data from https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-hospital-activity/
Number of deaths within 28 days of +ve COVID test reported per day across the UK to 28 October

Deaths are going up – now over 1,000 a week reported deaths.

Because of recent rises in cases, likely to keep rising for a few weeks yet - *but* boosters might (hopefully) blunt that...

Data from https://coronavirus.data.gov.uk/
STATEMENT ON COVID-19 TESTING AT IMMENSA HEALTH CLINIC
(DANTE LABORATORIES)

22 Oct 2021 | Find, Test, Trace, Isolate, Support. Recent reports. Short statements

The Independent SAGE

Statement on COVID-19 testing at Immensa Health Clinic (Dante Laboratories), Wolverhampton
Weekly number of new confirmed COVID-19 cases / 100,000 people – England regions by date of test to 23 Oct 2021

~43,000 false negative PCR tests (2 Sept - 12 Oct)

Data from https://coronavirus.data.gov.uk
Daily Test Positivity Rate – England regions (by date of test to 21 Oct 2021)

~43,000 false negative PCR tests (2 Sept - 12 Oct)

Data from https://coronavirus.data.gov.uk
Weekly number of new confirmed COVID-19 cases / 100,000 people – England regions by date of test to 16 Oct 2021

Source: Office for National Statistics – Coronavirus (COVID-19) Infection Survey

Cases per 100,000 people per week for **10-14 year olds** in local authorities most affected by Immensa lab scandal vs all other local authorities

**13 most affected local authorities**
- Bath and North East Somerset
- Bristol
- Cheltenham
- Cotswold
- Gloucester
- North Somerset
- Sedgemoor
- Somerset West and Taunton
- South Gloucestershire
- Stroud
- Swindon
- Tewkesbury
- West Berkshire

List from Alastair Grant (@alastairgrant4)

- Immensa lab sent out thousands of false negative results to people.
- Many children would have gone back to school with a negative PCR test.

Data from [https://coronavirus.data.gov.uk/](https://coronavirus.data.gov.uk/)
Cases per 100,000 people per week for **30-59 year olds** in local authorities most affected by Immensa lab scandal vs all other local authorities

13 local authorities most affected by the Immensa Lab scandal:
- Bath and North East Somerset
- Bristol
- Cheltenham
- Cotswold
- Gloucester
- North Somerset
- Sedgemoor
- Somerset West and Taunton
- South Gloucestershire
- Stroud
- Swindon
- Tewkesbury
- West Berkshire

List from Alastair Grant (@alastairgrant4)

Data from [https://coronavirus.data.gov.uk/](https://coronavirus.data.gov.uk/)

Immensa lab sent out thousands of false negative results to people.

Many adults would have gone to work or socialised with a negative PCR test.
Immensa investigation and transparency ever more important

Proportion of PCR test that return an unknown or void result in England to 20 October

Testing system under strain in winter peak
Increasing strain during Euros and rise of Delta?

Testing system coping very well in May and early June

Worst values in over a year!

80% of the proportion of void tests between Oct 2020 and end Aug 2021 fall in this range

Following original chart and analysis by @ProfColinDavis

& trace system on unaccredited, largely unmonitored, labs.
SUMMARY

• Most recent fall in cases likely due to reduced testing and cases starting to fall in school age children.

• Half term should have an impact in further reducing cases in school age children – should lead continued reduction in those age groups. BUT what happens on return to school is uncertain – vaccination not that high yet.

• Patrick Vallance yesterday said we were in a precarious situation – particularly with hospitalisations rising.

• We urgently need more clarity around the Immensa scandal – what happened, what is happening to prevent similar elsewhere and how are the affected communities going to be supported?