Latest numbers on COVID-19 in the UK – 9 December 2022

1. Vaccinations
2. Prevalence
3. Hospitals
4. Deprivation

With many thanks to Bob Hawkins for his help in collating the data
Vaccinations
Autumn 2022 Booster Coverage by Age Group in England
Sep 4 to Dec 7, 2022
(Source: Covid Dashboard and ONS 2020 Population Estimates)

Only tiny increases now week on week

https://coronavirus.data.gov.uk/
Thanks to Bob Hawkins for the Chart
Prevalence
Percent Testing Positive by Nation: 3 Sep 2021 to 26 Nov 2022
(Source: ONS Coronavirus (COVID-19) Infection Survey results)

England 1 in 60
Wales 1 in 70
Northern Ireland 1 in 50
Scotland 1 in 60

Thanks to Bob Hawkins for the chart
Percent Testing Positive by Home Nation: Recent Trend
(Source: ONS Coronavirus (COVID-19) Infection Survey results)

Thanks to Bob Hawkins for the chart
Percent Testing Positive by Region: 26 Nov 2022
(Source: ONS Coronavirus (COVID-19) Infection Survey results)

London now region with highest prevalence – hasn’t been the case for a long time

These regions also increasing fastest

Thanks to Bob Hawkins for the chart
Percent of Students Absent from All State Schools in England from Sep 9, 2021 to Nov 24, 2022

(Source: Attendance in education and early years settings during the coronavirus (COVID-19) outbreak and Pupil attendance in schools reports)

Note – these are absences for any reason

Pupil attendance in schools, Week 41 2022 – Explore education statistics – GOV.UK [explore-education-statistics.service.gov.uk]
Hospitals
Number of people in hospital with Covid per million people – UK nations
7 day rolling average to 7 Dec 2022

NB: NI data only up to 1 Dec

Consistent with ONS infection survey data

Data from https://coronavirus.data.gov.uk.
Number of daily hospital admissions with Covid in England to 5 Dec 2022

Data from https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-hospital-activity/
Over a third are people who acquired Covid in hospital

Weekly Covid hospital admissions in England

Chart from Adele Groyer [https://twitter.com/AdeleGroyer/status/1600777097605095425?s=20&t=4Og4ndKyEwtP5tjow3Jz5A](https://twitter.com/AdeleGroyer/status/1600777097605095425?s=20&t=4Og4ndKyEwtP5tjow3Jz5A)
Rising Flu admissions in England – data to 4 December 2022
So far most like 2019/2020.

Good news is that looks like rhinovirus & RSV are declining for now

NHS Strain

Good news is that looks as if things are stabilising this last month. Bad news is that they are stabilising at a bad level.

Full details in Kit Yates’ thread today:
https://twitter.com/Kit_Yates_Maths/status/1601150468948099074?s=20&t=cFq-6A3MxGeuJ6ve98LGbw
Deprivation
Percent of Over 18’s **Unvaccinated** by Deprivation Quintile in England as at Jul 2022

(Source: COVID-19 Health Inequalities Monitoring for England (CHIME) tool. Note that the study population consists of people alive at the end of the specified month, who were resident in England, registered with a general practitioner, and were enumerated at the 2011 Census.)

Unvaccinated 18+

https://analytics.phe.gov.uk/apps/chime/
**Reported Work Related Risk by Deprivation in the UK for the Period Apr 2020 to Jan 2022, led by Dr Nazrul Islam**
(Source: Coronavirus (COVID-19) Infection Survey UK funded academic projects, summary results: Jun 2022)
Participants aged between 16 and 64 years

Also, those in most deprived areas more likely to have lost their jobs or been furloughed between April 2020 and Jan 2022, and less likely to have been re-employed afterwards. Biggest difference in hospitality and social care sectors.

Thanks to Bob Hawkins for the chart

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/articles/coronaviruscovid19infectionsurveyukfundedacademicprojectssummaryresults/2022
Prevalence by Deprivation in the UK by Variant for the Period Apr 2020 to Jan 2022, led by Dr Nazrul Islam
(Source: Coronavirus (COVID-19) Infection Survey UK funded academic projects, summary results: Jun 2022)
Participants aged between 16 and 64 years

Thanks to Bob Hawkins for the chart

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/articles/coronaviruscovid19infectionsurveyukfundedacademicprojectssummaryresults/2022
Self-Reported Health Outcomes by Deprivation in the UK for the Period Apr 2020 to Jan 2022, led by Dr Nazrul Islam
(Source: Coronavirus (COVID-19) Infection Survey UK funded academic projects, summary results: Jun 2022)
Participants aged between 16 and 64 years

Thanks to Bob Hawkins for the chart

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/articles/coronaviruscovid19infectionsurveyukfundedacademicprojectssummaryresults/2022
Age Adjusted Covid Mortality Rate (Death certificates) by Deprivation Quintile in England for the Period Mar 2020 to Jul 2022

(Source: COVID-19 Health Inequalities Monitoring for England (CHIME) tool)

Thanks to Bob Hawkins for the chart

https://analytics.phe.gov.uk/apps/chime/
Percent of Deprivation Quintile Living with **Self-Reported Long Covid (4 weeks)** in the UK: Oct 1 - Nov 6, 2022

(Source: ONS Prevalence of ongoing symptoms following coronavirus (COVID-19) infection in the UK Reports)

Thanks to Bob Hawkins for the chart

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/alldataterelatingtoprevalenceofongoingsymptomsfollowingcoronaviruscovid19infectionintheuk
Percent of Population Living with **Self-Reported Long Covid** (4 weeks) by English region: Oct 1 - Nov 6, 2022

(Source: ONS Prevalence of ongoing symptoms following coronavirus (COVID-19) infection in the UK Reports)

https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/alldatarelatingtoprevalenceofongoingsymptomsfollowingcoronaviruscovid19infectionintheuk
SUMMARY

• Hardly any vaccination ongoing now and only just over half of 50-64 year olds boosted.

• Prevalence and hospital admissions suggest we are (still just) entering into another wave

• As well as Covid, Flu admissions are increasing but thankfully RSV and rhinovirus seem to be reducing (for now at least).

• NHS strain in general seems to be stabilising according to the latest released indicators – but at a very severe level.

• The Covid pandemic has a massive disproportionate impact, where those in more deprived areas have fared much worse on pretty much every measure.