

COVID 19

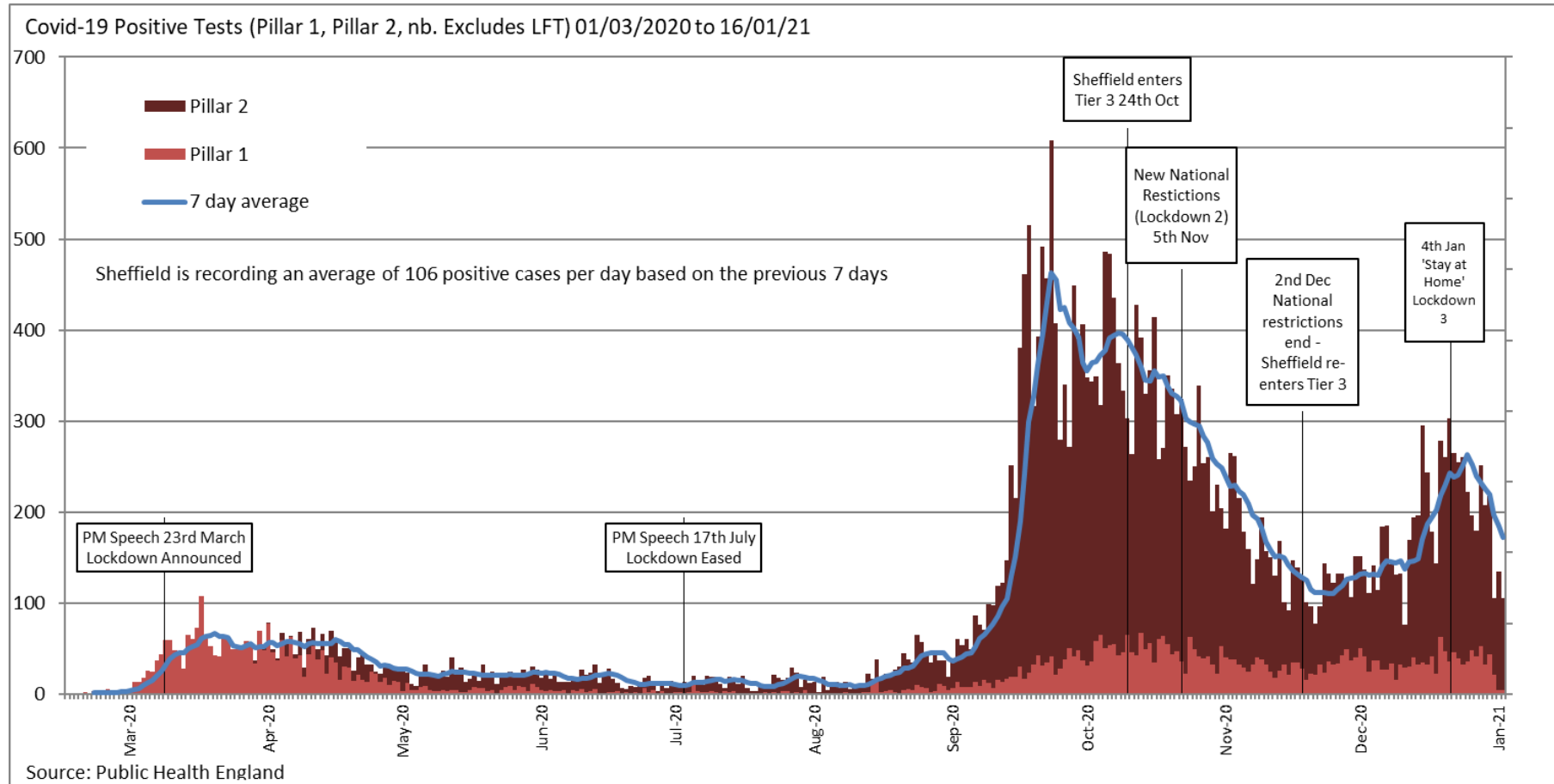
Situation update

20/1/21

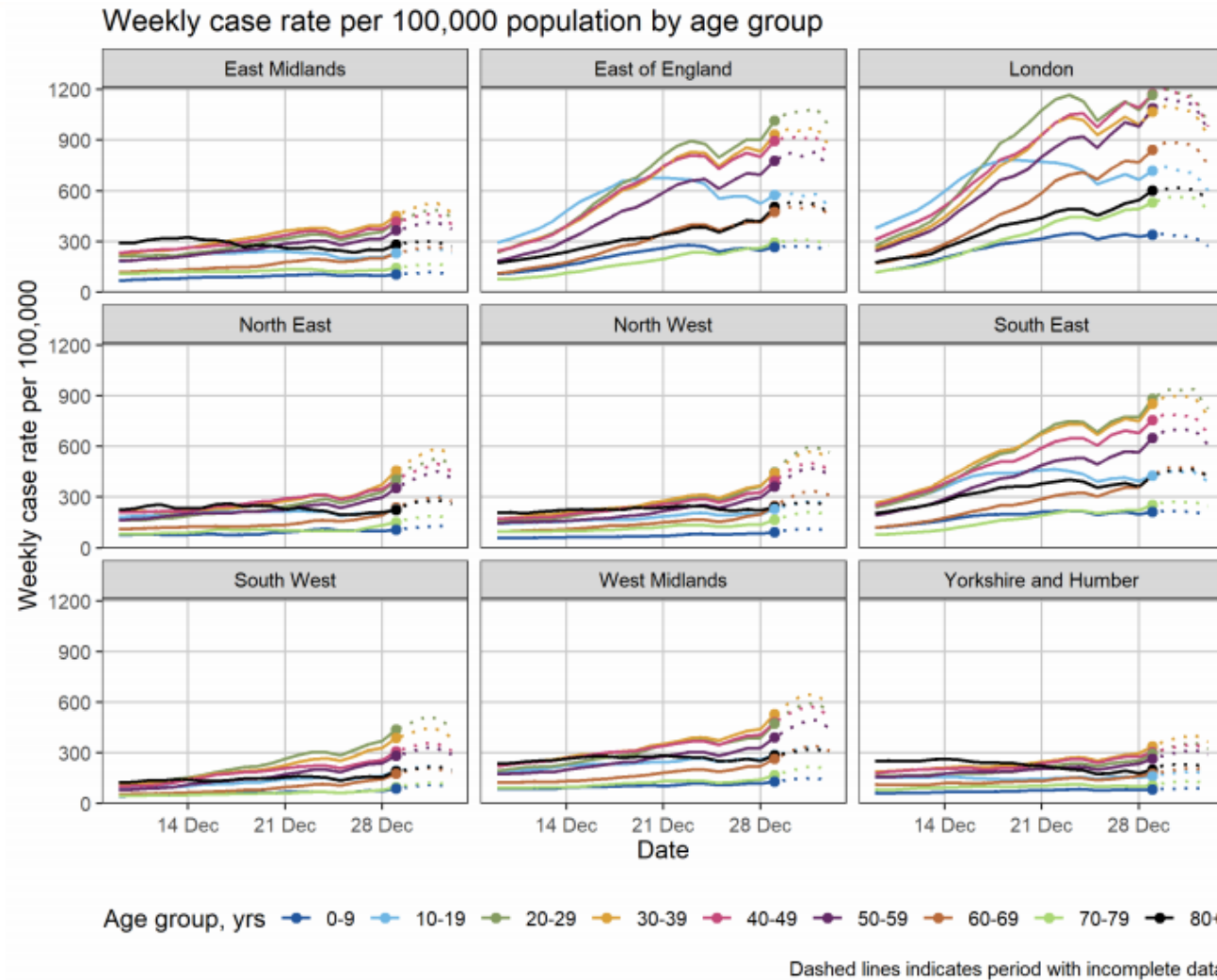
Greg Fell, Director of Public Health

Epidemic curve over the course of the pandemic flatline in mid December, now rising 7d incidence

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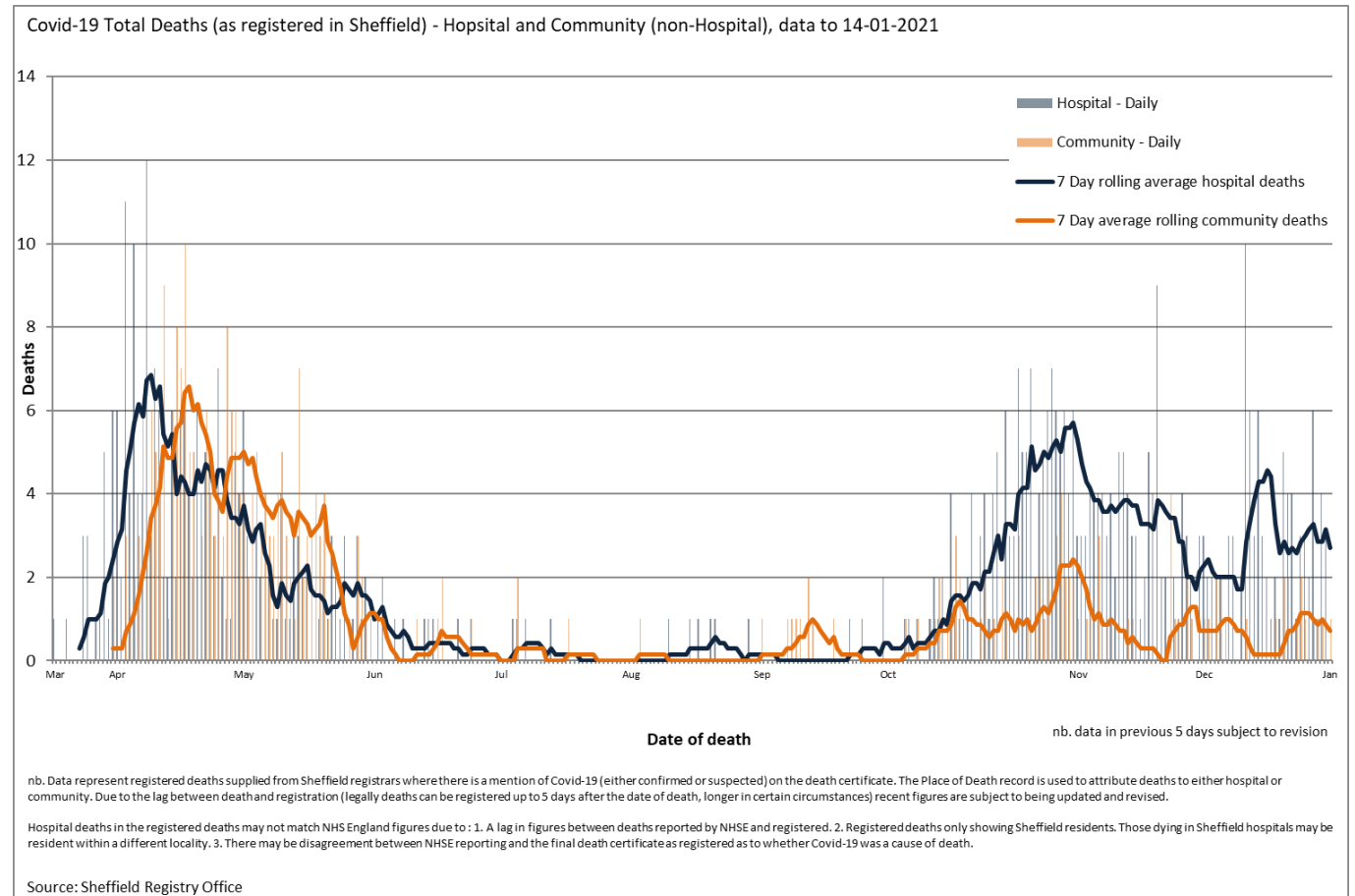


Epidemiology is very different across England



- Rate in Yorkshire
- Implications for what that might look like after lockdown.

It remains a dangerous, and very easy to spread
respiratory virus
it (still) kills people

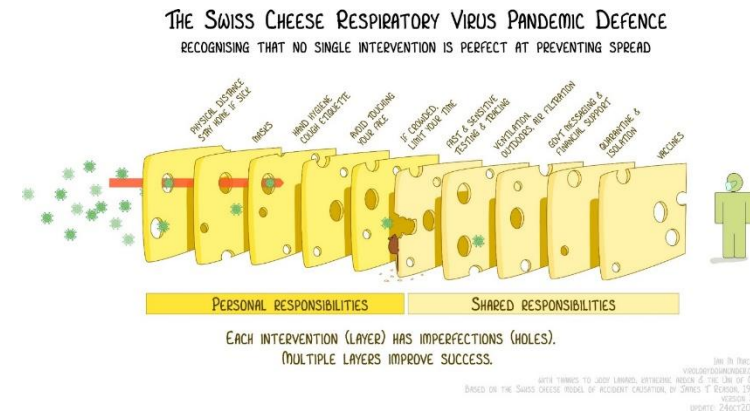


Epi Summary

- $R_0 = 1.2 - 1.3$
- <250 cases / 100k population in 7d and falling
- Positivity 11%
- Significant proportion of STH beds have a patient with COVID. VERY difficult to manage.
- Impact of new variant.
- ZERO room for manoeuvre. Whilst it isnt London, numbers far too high for comfort.

Outbreak control plan is largely intact

- Names as lead against each of the main themes
 - Prevention
 - outbreak management
 - Testing
 - contact tracing
 - support for isolating and shielding
 - other vulnerable groups
 - surveillance data and intelligence
 - Comms
 - enforcement and compliance
 - settings of concern
- Developed established infrastructure to deliver
- We keep adding – asymptomatic testing, vaccine.



Developing the plan

- Zero COVID or endemic disease
- We have control of SOME of the tools (our approach to strategy, comms, our services and support)
- But fit into wider context of which we don't have control (govt approach to comms, testing, contact tracing, isolation payments, national guidance)
- Rapid test and result for those with symptoms
- More rapid and complete contact tracing (our or NHSTT)
- Better support for those asked to isolate (esp financial)
- Long term adaption of the city (low touch economy as eg)
- High coverage of vaccination

Forward look

1. Lockdown.

- Having the impact expected

2. Vaccination.

- Huge progress. Doesn't shift need for basic PH measures. Impact on mortality vs transmission

3. Variant – c60%

- More transmissible ++. Impact on R0. Mitigation measures are the same
- May lead to new higher “baseline” rate when it settles. Impact on hospitals
- Within and between household transmission vs outbreaks in settings

4. The core fundamentals remain

- Test if symptoms, contact trace, isolate
- social contact & networks, handwash, face cover, distance
- Support for individuals and businesses
- Outbreaks mostly contained, household to household spread remains key.

5. When will it end

- Low community transmission, 7d rate. Vaccine induced herd immunity. Even then we will need to careful