

City of Easthampton COVID-19 Weekly Dashboard

14-Day* Avg / 100k

5/29 – 6/11

↓ **39.7**

7-Day** Avg / 100k

6/5 – 6/11

↓ **33.5**

7-Day** Test Positivity

6/5 – 6/11

↓ **4.1%**

14-Day* Test Positivity

5/29 – 6/11

↓ **5.9%**

New Cases Last Week**

6/8 – 6/14

↓ **32**

Active Cases***

6/5 – 6/16

↓ **56**

Hampshire County



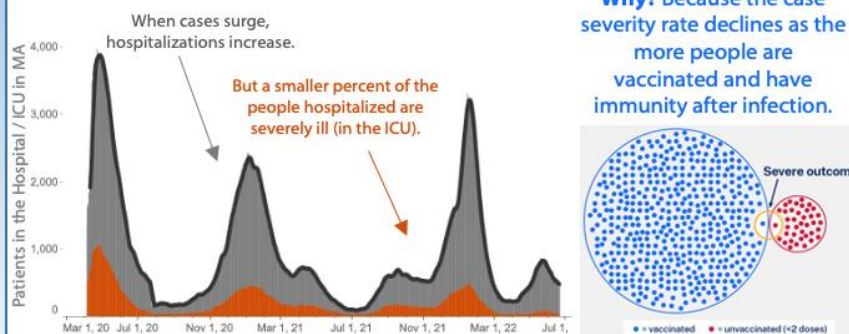
Daily Avg: 25.6/100k
Test Positivity 4.8%

Hampden County



Daily Avg: 26.6/100k
Test Positivity: 7.0%

Declining Case Severity Rate



Source: MA Department of Public Health, NSW Health

City and County data are obtained from MDPH and MAVEN and generally believed to be current and accurate. *Includes confirmed cases (positive PCR test). **Includes confirmed cases and probable cases (positive antigen or antibody test, or clinically diagnosed based on symptoms and exposure, in the absence of a positive test result). ***Active cases are considered potentially infectious and are subject to public health isolation for at least five days. †Prime series considered two doses of Pfizer or Moderna, or one dose of Johnson & Johnson.

Updated 6/16/22

54.4% prime series[†] + booster

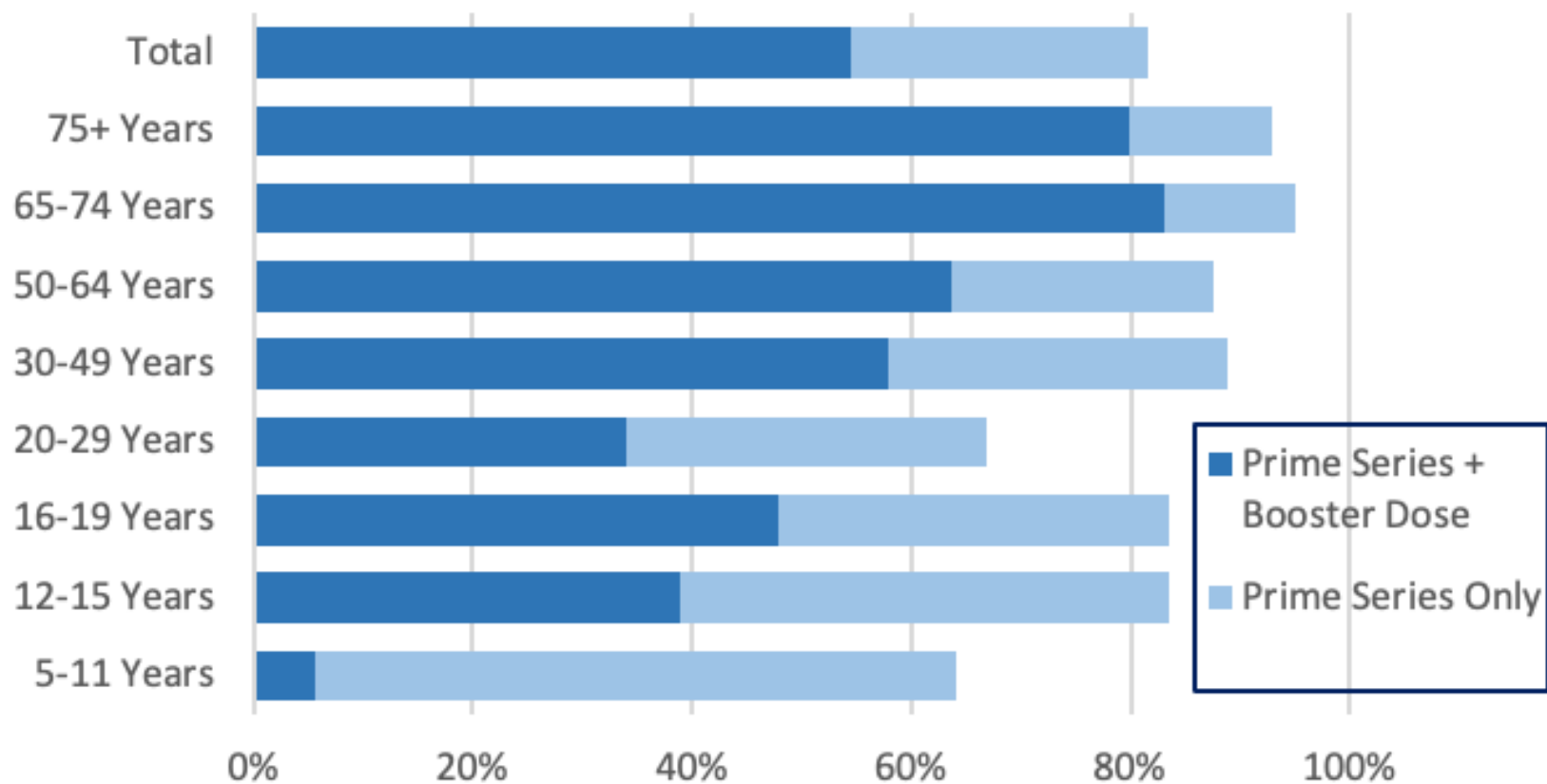
81.7% prime series[†] only

Total Cases to Date

3527

| | Low | Medium | High |
|----------------------------|--------------|----------------|--------------|
| <28.6 cases per 100k | | | |
| New COVID hospitalizations | <10 per 100k | 10-20 per 100k | >20 per 100k |
| Hospital beds occupied | <10% | 10 – 15% | >15% |
| >28.6 cases per 100k | | | |
| New COVID hospitalizations | - | <10 per 100k | >10 per 100k |
| Hospital beds occupied | - | <10% | >10% |

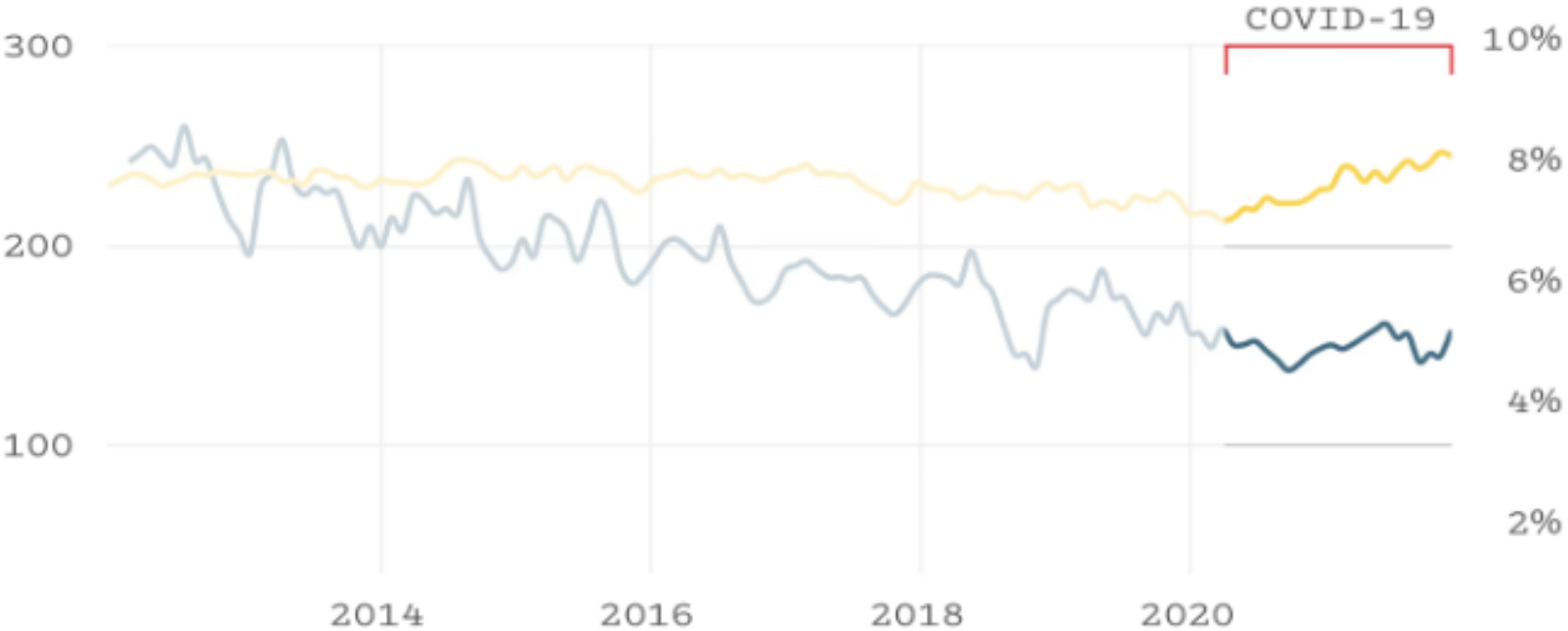
Proportion of Population Vaccinated in 01027 by Age



US Disability Statistics (2012-2022)

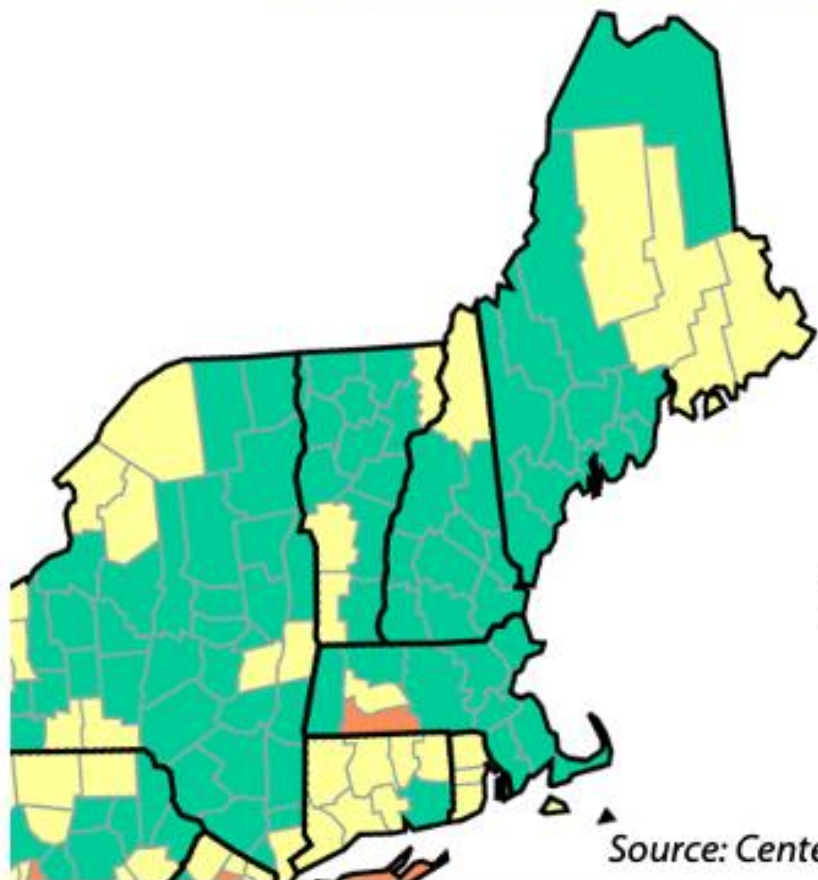
SSA Disability Applications,
Rolling Average in Hundreds of Thousands

Current Population Survey,
Percent Reporting Disability, Ages 18-64



Source: The Atlantic, "Long COVID Could Be a 'Mass Deterioration Event'"

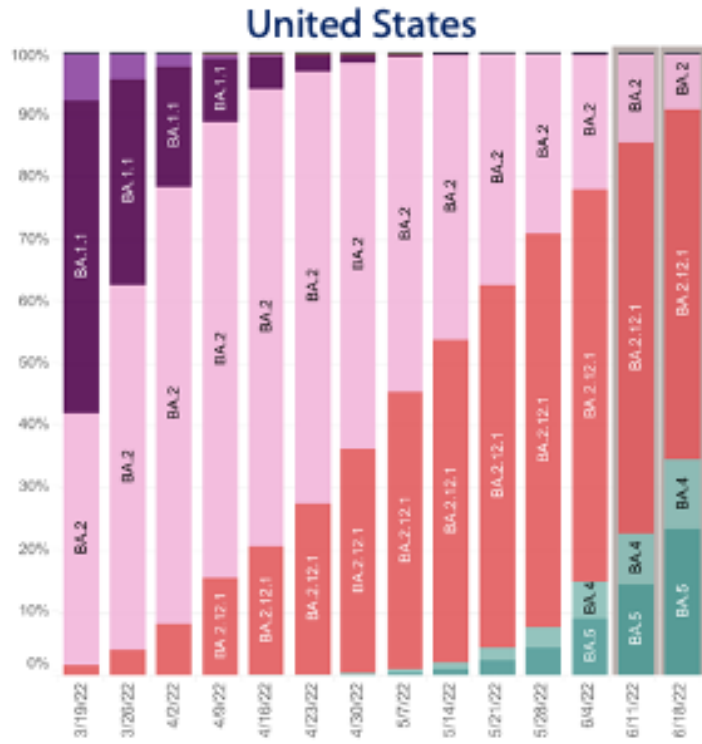
CDC Community Transmission Categories



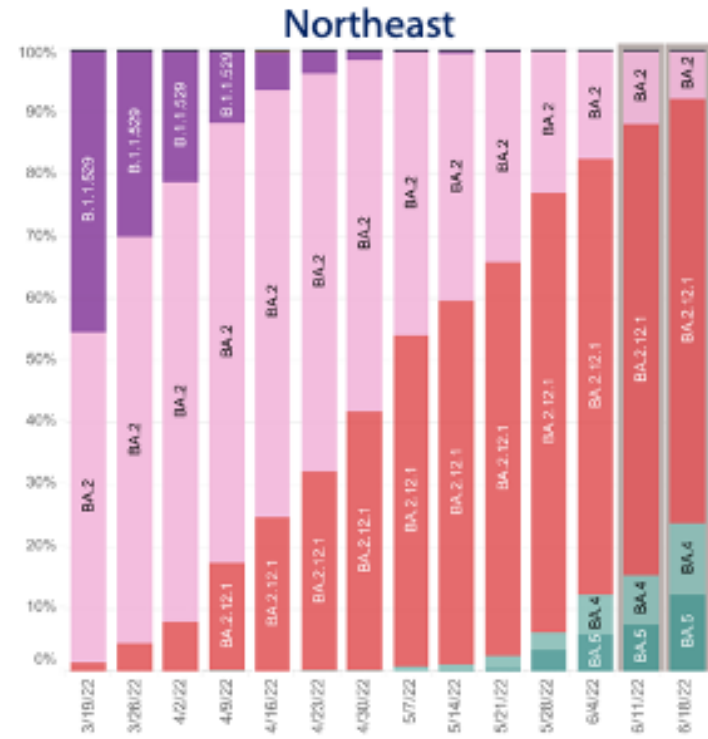
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| New COVID hospitalizations | - | <10 per 100k | >10 per 100k |
| Hospital beds occupied | - | <10% | >10% |

Source: Centers for Disease Control and Prevention

COVID-19 Variant Tracker



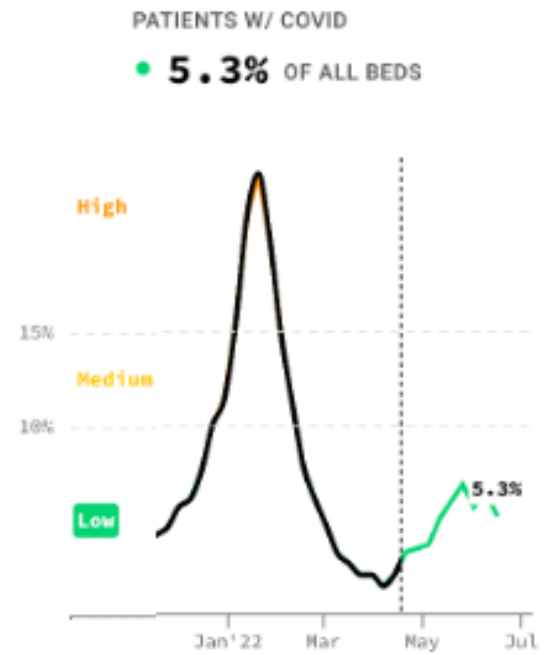
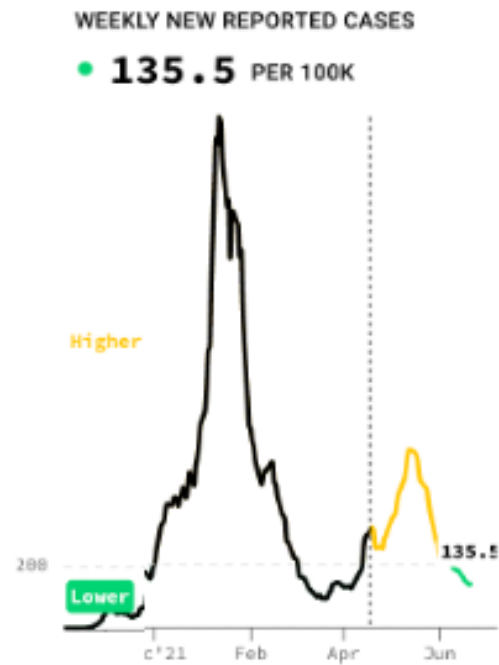
~ 34.9% BA.4 / BA.5



~ 23.9% BA.4 / BA.5

Source: Centers for Disease Control and Prevention

Hampshire County CDC Risk Assessment



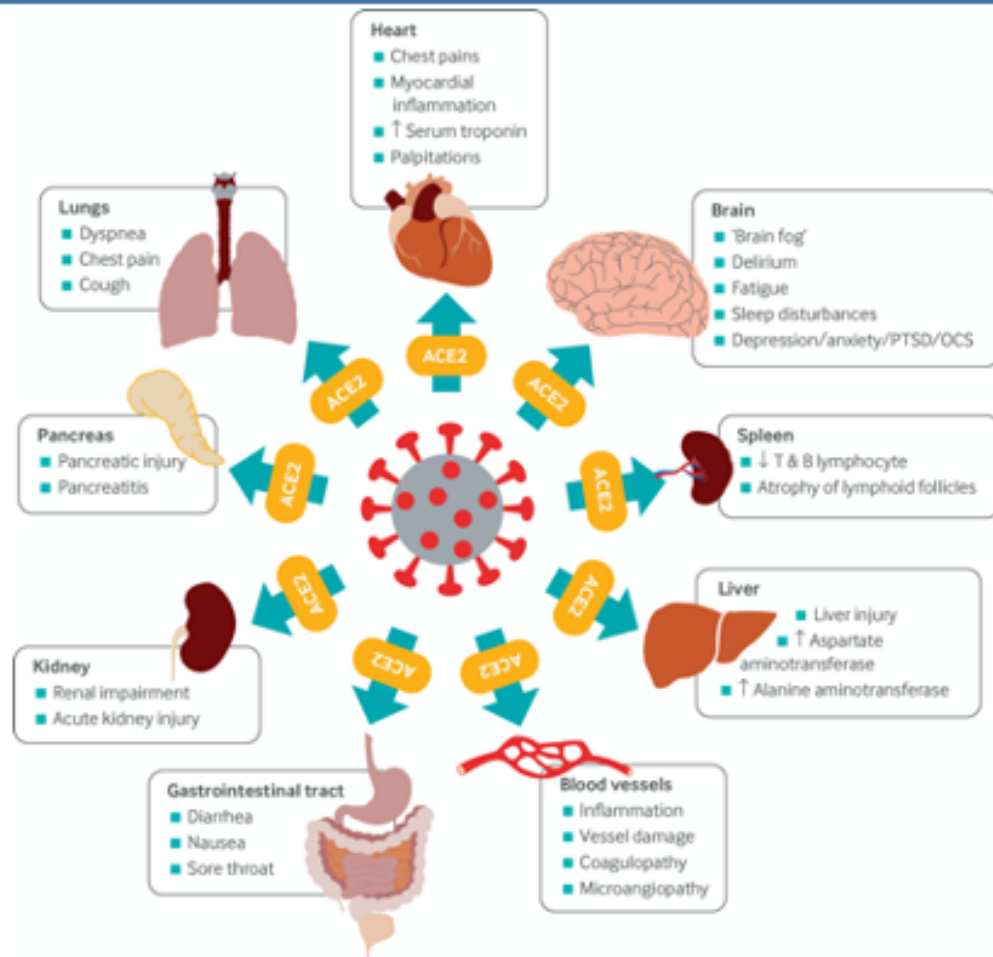
Source: COVID Act Now

Symptoms of Long COVID / PASC

Hypothesis:

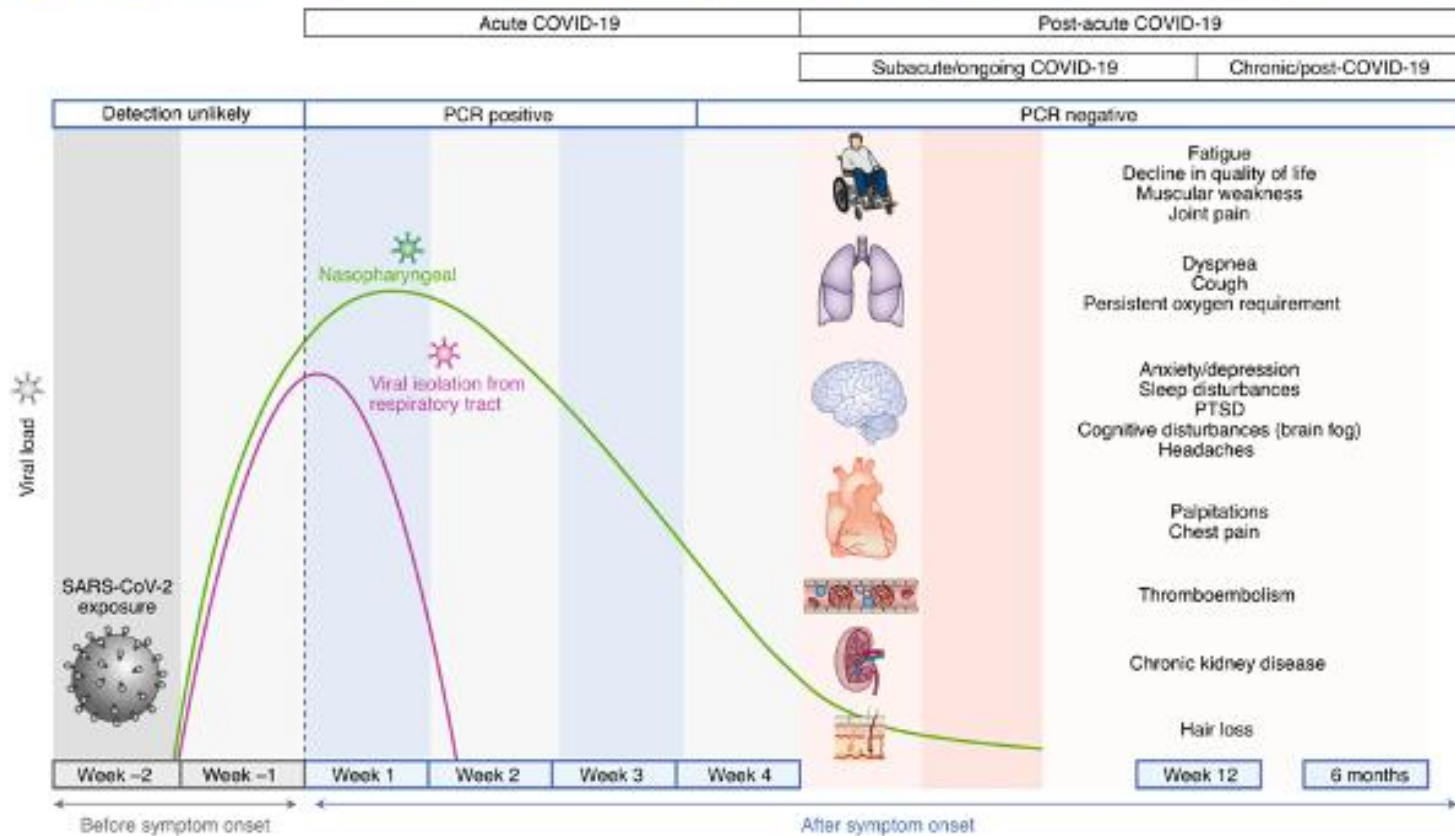
SARS-CoV-2 virus gains entry to multiple organs via the ACE2 receptor.

Specific symptoms experienced may be result of damage / inflammation to that organ.

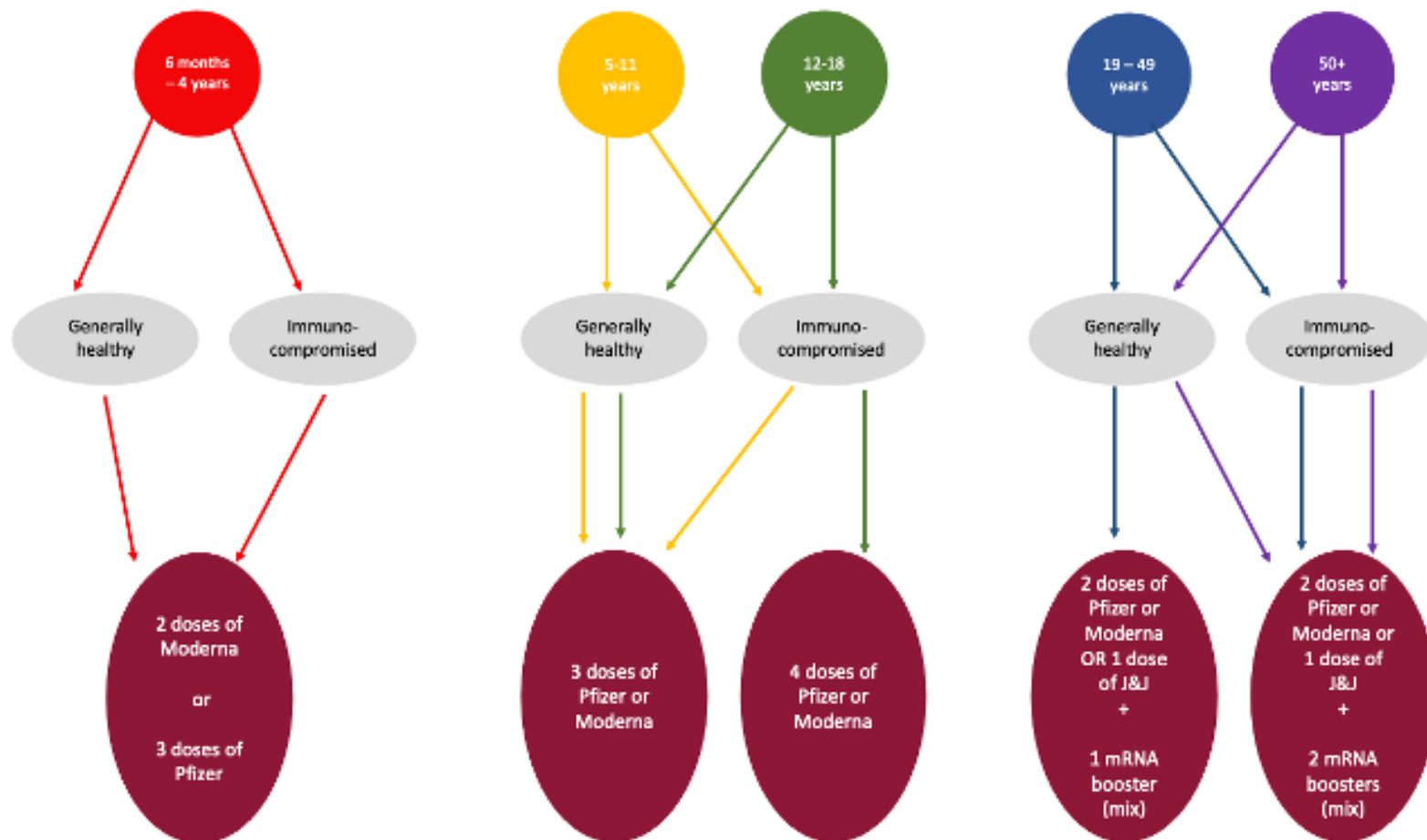


Source: Crook H, Raza S, Nowell J, Young M, Edison P. Long covid—mechanisms, risk factors, and management *BMJ* 2021; 374 :n1648

Long COVID or Post-Acute Sequelae of SARS-CoV-2 infection (PASC)



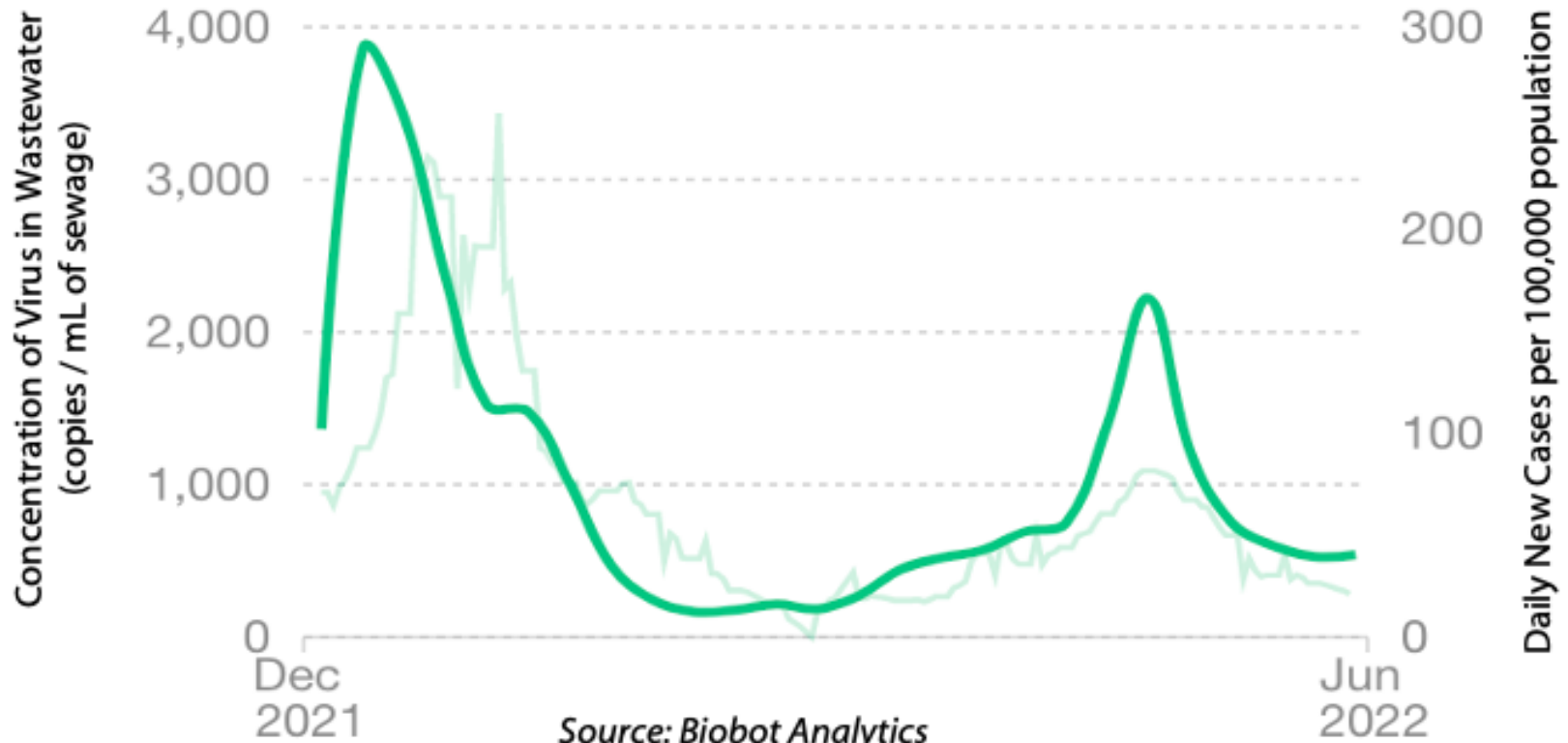
Source: Nalbandian, A., Sehgal, K., Gupta, A. et al. Post-acute COVID-19 syndrome. *Nat Med* 27, 601–615 (2021).



Source: Dr. Megan W. Harvey; Centers for Disease Control and Prevention

Hampshire County COVID-19 Wastewater Monitoring

BA.2.12: 75.8% • BA.2: 22.1% • BA.4&5: 0%



Source: Biobot Analytics