

Yarmouth SARS-CoV-2 (COVID-19) Wastewater Testing Results — July 28, 2022

- The adjusted virus levels were 621 and 1,616 copies/mL in the two most recent wastewater samples (July 25–26 and July 27–28) (Table 1).
- Viral levels during July fluctuated between 497 and 1,616 copies/mL, but the overall trend was relatively “flat” (Figure 1, Table 1). The levels in July were similar to those during June, with an average July level of 1,027 copies/mL as compared to 947 copies/mL during June.
- Yarmouth’s July viral levels were similar those measured in Portland’s and Brunswick’s July wastewater samples, although Brunswick had two higher levels in mid-July. With the exception of the two higher levels in Brunswick, the trends during July for all three locations were relatively flat.
- For April 11 through June 26, 2022, cases of COVID-19 for Yarmouth—as reported by Maine CDC—rose from 7 for the week of April 11–17 to a peak of 35 cases for May 9–15. After the mid-May peak, cases declined slowly to 6 for the week of June 20–26. Case counts increased slightly during July to 12 for the week of July 18–24. These case counts are likely to be much lower than the actual number of cases due to reduced testing and increased self-testing (home testing), which is not reported to Maine CDC.
- In light of the relatively stable levels of SARS-CoV-2 in Yarmouth's wastewater during July, we are keeping the COVID-O-Meter at the Moderate level.



Figure 1. Results of weekly Wastewater Testing for SARS-CoV-2 for Yarmouth, Maine, from May 3, 2022, and through July 28, 2022.

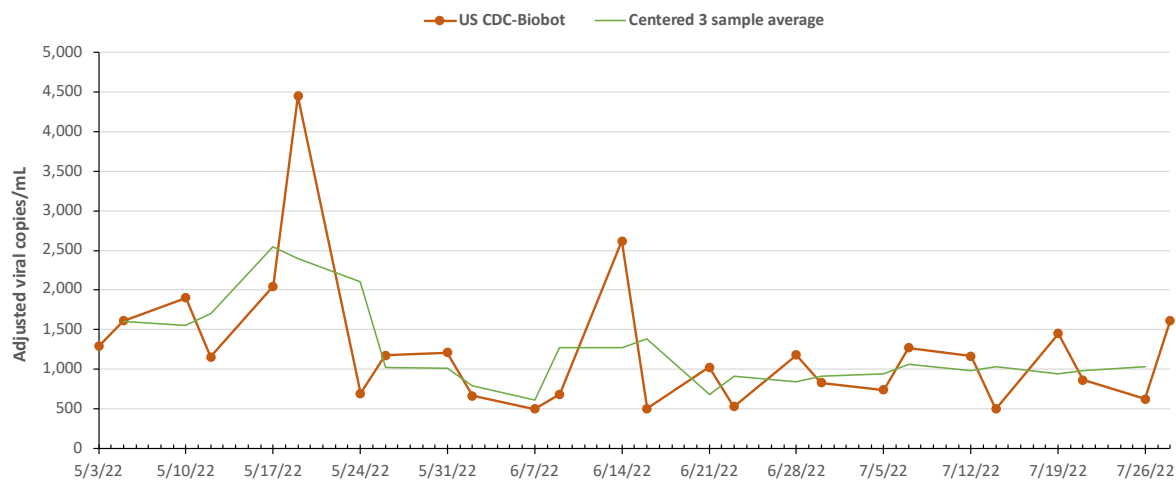


Table 1. Results of US CDC–Biobot wastewater testing for SARS-CoV-2 for Yarmouth, Maine, May 3–June 28, 2022

Sample submission date†	Effective virus concentration‡ (copies/mL)	Sample submission date†	Effective virus concentration‡ (copies/mL)
3 May	1,292	5 July	738
5 May	1,612	7 July	1,271
10 May	1,903	12 July	1,162
12 May	1,156	14 July	497
17 May	2,047	19 July	1,448
19 May	4,447	21 July	864
24 May	692	26 July	621
26 May	1,174	28 July	1,616
31 May	1,207		
2 June	660		
7 June	499		
9 June	684		
14 June	2,619		
16 June	502		
21 June	1,022		
23 June	527		
28 June	1,180		

† 24-hour influent wastewater samples are collected proportional to flow from 7am on day 1 to 7am on day 2. Day 2 is the sample submission date.

‡ Effective virus concentration value is derived by adjusting the raw virus concentration to account for dilution and other factors.

We recommend that the Yarmouth Community continue to exercise caution:

- Get vaccinated and boosted. There is an upcoming vaccination clinic on August 24, 2022, at the AmVets hall on North Road. This US CDC website can help you figure out if you should get a booster. Look under “Who can get a booster”.
<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/booster-shot.html>
- Consider wearing a mask in indoor public places particularly if you are unvaccinated, 60 years of age or older, or immune compromised.
- Avoid crowded indoor spaces.
- When indoors, good ventilation (air exchange) is important.
- Test with a rapid antigen test when gathering with friends and family who have been out and about, or if you will be spending time with people at higher risk.
- If you have COVID, leave isolation only after you have a negative rapid antigen test.
- Persons that are immune compromised due to medical conditions or medical treatments should take particular care, as should those around them.