

Yarmouth SARS-CoV-2 (COVID-19) Wastewater Testing Results — October 6, 2022

- The adjusted virus levels were 1,186 and 1,906 copies/mL in the two most recent wastewater samples (October 3–4 and October 5–6).
- Viral levels during September and the first week of October fluctuated between 578 and 2,063 copies/mL, and the overall trend was slightly upward (Figure 1, Table 1). September levels averaged 1,240 copies/mL, as compared to monthly averages of 1,027 copies/mL during July and 1,096 copies/mL during August.
- Yarmouth’s September viral levels were similar those measured in Portland’s and Brunswick’s August wastewater samples. Like Yarmouth, the trends during September for Portland and Brunswick were slightly upward.
- As of the first week in October, the highest state wastewater SARS-CoV-2 virus levels are in northern New England (ME, NH, VT) and New Mexico.
- Weekly cases of COVID-19 for Yarmouth—as reported by Maine CDC—ranged from 3 to 12 for July through September 2022, with 6 cases reported for September 26–October 2 and 9 cases for October 3–9. These case counts are likely to be 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 levels of SARS-CoV-2 in Yarmouth's wastewater during September and early October, 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 October 6, 2022.

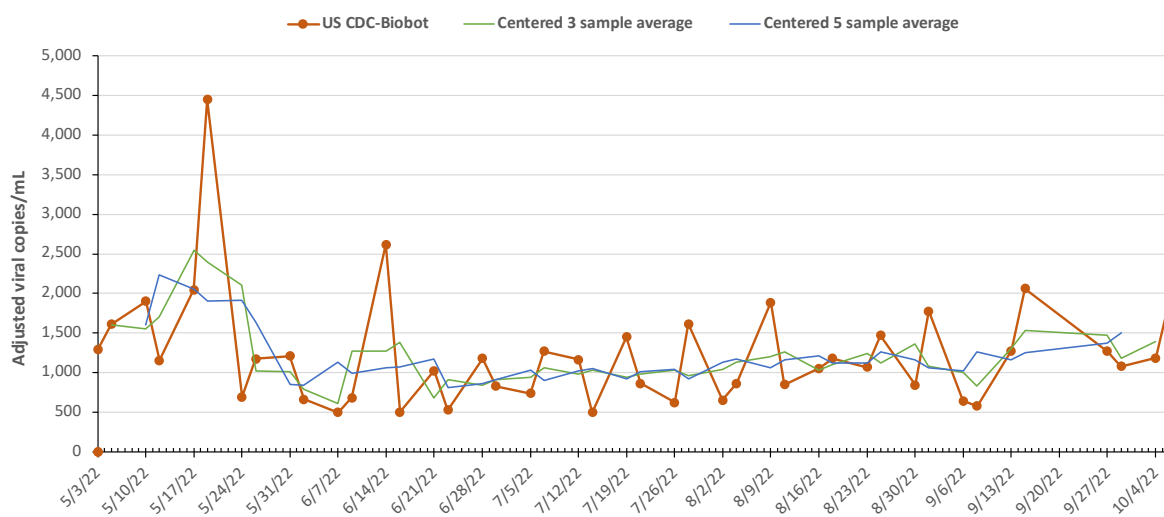


Table 1. Results of US CDC–Biobot wastewater testing for SARS-CoV-2 for Yarmouth, Maine, May 3–October 6, 2022

Sample submission date†	Effective virus concentration‡ (copies/mL)	Sample submission date†	Effective virus concentration‡ (copies/mL)	Sample submission date†	Effective virus concentration‡ (copies/mL)
3 May	1,292	5 July	738	1 September	1,775
5 May	1,612	7 July	1,271	6 September	642
10 May	1,903	12 July	1,162	8 September	578
12 May	1,156	14 July	497	13 September	1,275
17 May	2,047	19 July	1,448	15 September	2,063
19 May	4,447	21 July	864	27 September	1,270
24 May	692	26 July	621	29 September	1,078
26 May	1,174	28 July	1,616	4 October	1,186
31 May	1,207	2 August	652	6 October	1,906
2 June	660	4 August	863		
7 June	499	9 August	1,887		
9 June	684	11 August	850		
14 June	2,619	16 August	1,052		
16 June	502	18 August	1,180		
21 June	1,022	23 August	1,069		
23 June	527	25 August	1,468		
28 June	1,180	30 August	841		

† 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. Bivalent boosters with the original vaccine component and a new component based on the most common variants currently circulating (i.e., BA.4 and BA.5) are available from Moderna and Pfizer.
- 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 who are immune compromised due to medical conditions or medical treatments should take particular care, as should those around them.