

**SELECTBOARD MEETING
TUESDAY, SEPT. 8, 2020
VIRTUAL AGENDA
7 PM**

Streaming @ <https://shctv15.com/watch-live/>

or

Cable Channel 15

<p>Note: Not all the topics listed in this notice may be reached for discussion. In addition, the topics listed are those which the chair reasonably expects will be discussed as of the date of this notice. These meetings may be audio and/or visually recorded</p>

1. Call to Order
2. COVID Update
3. Public Safety Update (Chief Gundersen)
4. Athletic Field Use (Director Rogers)
5. FY 21 Budget/Revenue Discussion
6. Annual Appointment Discussion (Appointments Sept. 22)
7. TA Report
8. Adjourn

Month	RE/PP	Liens/Foreclosures	MV Excise	Penalties/ Interest
May-19	\$1,139,496.44	\$7,092.24	\$203,148.62	\$27,771.41
May-20	\$1,610,726.39	\$10,803.32	\$50,088.34	\$12,738.04
Variance 05/2019-05/2020	\$471,229.95	\$3,711.08	(\$153,060.28)	(\$15,033.37)
Jun-19	\$101,376.63	\$0.00	\$113,212.81	\$22,786.25
Jun-20	\$134,509.27	\$0.00	\$154,190.75	\$8,560.96
Variance 06/2019-06/2020	\$33,132.64	\$0.00	\$40,977.94	(\$14,225.29)
Jul-19	\$6,044,163.98	\$24,059.21	\$13,548.85	\$11,463.49
Jul-20	\$5,989,724.34	\$0.00	\$40,448.60	\$9,177.04
Variance 07/2019-07/2020	(\$54,439.64)	(\$24,059.21)	\$26,899.75	(\$2,286.45)
Aug-19	\$949,697.70	\$73,649.57	\$107,636.95	\$18,789.36
Aug-20	\$0.00	\$0.00	\$0.00	\$0.00
Variance 8/2019- 8/2020	(\$949,697.70)	(\$73,649.57)	(\$107,636.95)	(\$18,789.36)
Sep-19	\$64,834.01	\$530.04	\$56,789.81	\$11,545.61
Sep-20	\$0.00	\$0.00	\$0.00	\$0.00
Variance09/2019-09/2020	(\$64,834.01)	(\$530.04)	(\$56,789.81)	(\$11,545.61)
Oct-19	\$5,812,007.55	\$7,272.42	\$56,495.09	\$14,542.51
Oct-20	\$0.00	\$0.00	\$0.00	\$0.00
Variance 10/2019-10/2020	(\$5,812,007.55)	(\$7,272.42)	(\$56,495.09)	(\$14,542.51)
Nov-19	\$1,074,920.37	\$10,725.00	\$10,570.12	\$9,965.42
Nov-20	\$0.00	\$0.00	\$0.00	\$0.00
Variance 11/2019-11/2020	(\$1,074,920.37)	(\$10,725.00)	(\$10,570.12)	(\$9,965.42)
Dec-19	\$136,364.36	\$10,549.32	\$75,182.12	\$16,128.49
Dec-20	\$0.00	\$0.00	\$0.00	\$0.00
Variance 12/19-12/2020	(\$136,364.36)	(\$10,549.32)	(\$75,182.12)	(\$16,128.49)
Jan-20	\$6,032,744.92	\$2,705.76	\$27,922.24	\$13,542.52
Jan-21	\$0.00	\$0.00	\$0.00	\$0.00
Variance 01/2020-01/2021	(\$6,032,744.92)	(\$2,705.76)	(\$27,922.24)	(\$13,542.52)
Feb-20	\$1,321,895.31	\$15,938.97	\$48,265.07	\$18,659.22
Feb-21	\$0.00	\$0.00	\$0.00	\$0.00
Variance 02/2020-02/2021	(\$1,321,895.31)	(\$15,938.97)	(\$48,265.07)	(\$18,659.22)
Mar-20	\$110,125.80	\$532.04	\$1,232,478.29	\$12,130.91
Mar-21	\$0.00	\$0.00	\$0.00	\$0.00
Variance 03/2020-03/2021	(\$110,125.80)	(\$532.04)	(\$1,232,478.29)	(\$12,130.91)
Apr-20	\$5,542,185.93	\$7,149.43	\$368,525.00	\$10,422.28

Apr-21	\$0.00	\$0.00	\$0.00	\$0.00
Variance 04/2020-04/2021	(\$5,542,185.93)	(\$7,149.43)	(\$368,525.00)	(\$10,422.28)
May-20	\$1,610,726.39	\$10,803.32	\$50,088.34	\$12,738.04
May-21	\$0.00	\$0.00	\$0.00	\$0.00
Variance 05/2020-05-2021	(\$1,610,726.39)	(\$10,803.32)	(\$50,088.34)	(\$12,738.04)

In-Lieu of Tax	Other Charges	Fees	Liquor Licenses	Other Licenses	Building Permits
\$60,454.70	\$55,892.00	\$5,103.91	\$860.00	\$4,327.50	\$30,010.12
\$0.00	\$4,538.50	\$3,677.65	\$0.00	(\$3,247.50)	\$30,414.04
(\$60,454.70)	(\$51,353.50)	(\$1,426.26)	(\$860.00)	(\$7,575.00)	\$403.92
\$218,750.00	\$4,651.93	\$4,397.00	\$620.00	\$48,775.50	\$11,956.04
\$295,449.64	\$56,684.61	\$5,632.25	\$0.00	\$1,687.50	\$25,590.78
\$76,699.64	\$52,032.68	\$1,235.25	(\$620.00)	(\$47,088.00)	\$13,634.74
\$235,000.00	\$5,079.71	\$4,797.50	\$1,000.00	(\$599.00)	\$9,952.65
\$0.00	\$5,425.00	\$3,293.00	\$0.00	\$5,350.00	\$8,810.12
(\$235,000.00)	\$345.29	(\$1,504.50)	(\$1,000.00)	\$5,949.00	(\$1,142.53)
\$0.00	\$4,580.52	\$6,103.25	\$1,060.00	\$6,162.00	\$14,921.88
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	(\$4,580.52)	(\$6,103.25)	(\$1,060.00)	(\$6,162.00)	(\$14,921.88)
\$2,920.73	\$4,141.48	\$3,132.50	\$950.00	\$6,389.00	\$11,899.01
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(\$2,920.73)	(\$4,141.48)	(\$3,132.50)	(\$950.00)	(\$6,389.00)	(\$11,899.01)
\$0.00	\$5,750.25	\$1,714.00	\$4,620.00	\$1,606.00	\$21,264.98
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	(\$5,750.25)	(\$1,714.00)	(\$4,620.00)	(\$1,606.00)	(\$21,264.98)
\$0.00	\$6,356.07	\$7,728.00	\$24,640.00	\$15,931.00	\$7,836.52
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	(\$6,356.07)	(\$7,728.00)	(\$24,640.00)	(\$15,931.00)	(\$7,836.52)
\$0.00	\$3,753.27	\$1,803.25	\$11,400.00	\$7,321.00	\$4,903.48
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	(\$3,753.27)	(\$1,803.25)	(\$11,400.00)	(\$7,321.00)	(\$4,903.48)
\$235,000.00	\$3,650.90	\$2,652.05	\$0.00	\$20,858.00	\$80,359.24
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(\$235,000.00)	(\$3,650.90)	(\$2,652.05)	\$0.00	(\$20,858.00)	(\$80,359.24)
\$13,906.06	\$4,257.21	\$3,654.25	\$780.00	(\$415.50)	\$23,262.63
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(\$13,906.06)	(\$4,257.21)	(\$3,654.25)	(\$780.00)	\$415.50	(\$23,262.63)
\$0.00	\$4,595.99	\$3,463.50	\$120.00	\$5,217.00	\$17,141.57
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	(\$4,595.99)	(\$3,463.50)	(\$120.00)	(\$5,217.00)	(\$17,141.57)
\$235,000.00	\$4,490.00	\$1,527.00	\$0.00	\$2,400.00	\$30,375.38

\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(\$235,000.00)	(\$4,490.00)	(\$1,527.00)	\$0.00	(\$2,400.00)	(\$30,375.38)
\$0.00	\$4,538.50	\$3,677.65	\$0.00	(\$3,247.50)	\$30,414.04
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$0.00	(\$4,538.50)	(\$3,677.65)	\$0.00	\$3,247.50	(\$30,414.04)

Wiring Permits	Plumbing Permits	Govt Distrib	Fines	Misc	Investment Earnings	Total
\$2,515.00	\$2,545.00	\$928,168.00	\$1,588.38	\$25,830.18	\$17,370.51	\$2,512,174.01
\$1,660.00	\$2,300.00	\$1,164,888.00	\$1,305.00	\$261.80	\$7,317.11	\$2,897,470.69
(\$855.00)	(\$245.00)	\$236,720.00	(\$283.38)	(\$25,568.38)	(\$10,053.40)	\$385,296.68
\$2,755.00	\$3,210.00	\$1,099,448.43	\$1,618.74	(\$306.60)	\$12,558.47	\$1,645,810.20
\$5,705.00	\$3,300.00	\$1,034,475.31	\$2,719.99	\$383.70	\$15,656.14	\$1,744,545.90
\$2,950.00	\$90.00	(\$64,973.12)	\$1,101.25	\$690.30	\$3,097.67	\$98,735.70
\$4,630.00	\$3,340.00	\$977,535.00	\$2,659.51	\$3,342.05	\$9,982.56	\$7,349,955.51
\$4,550.00	\$2,355.00	\$946,991.00	\$1,765.14	\$2,170.30	\$6,883.63	\$7,026,943.17
(\$80.00)	(\$985.00)	(\$30,544.00)	(\$894.37)	(\$1,171.75)	(\$3,098.93)	(\$323,012.34)
\$3,525.00	\$3,540.00	\$950,188.00	\$2,032.66	\$1,857.71	\$14,475.90	\$2,158,220.50
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(\$3,525.00)	(\$3,540.00)	(\$950,188.00)	(\$2,032.66)	(\$1,857.71)	(\$14,475.90)	(\$2,158,220.50)
\$1,630.00	\$2,520.00	\$994,793.04	\$1,098.99	\$2,270.27	\$12,303.36	\$1,177,747.85
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(\$1,630.00)	(\$2,520.00)	(\$994,793.04)	(\$1,098.99)	(\$2,270.27)	(\$12,303.36)	(\$1,177,747.85)
\$3,795.00	\$5,625.00	\$1,012,399.22	\$1,432.61	\$7,698.30	\$22,707.21	\$6,978,930.14
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(\$3,795.00)	(\$5,625.00)	(\$1,012,399.22)	(\$1,432.61)	(\$7,698.30)	(\$22,707.21)	(\$6,978,930.14)
\$2,874.00	\$3,255.00	\$987,571.49	\$1,467.73	\$3,570.35	\$15,941.29	\$2,183,352.36
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(\$2,874.00)	(\$3,255.00)	(\$987,571.49)	(\$1,467.73)	(\$3,570.35)	(\$15,941.29)	(\$2,183,352.36)
\$2,185.00	\$2,100.00	\$999,009.13	\$1,623.81	\$37,079.14	\$31,201.39	\$1,340,603.76
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(\$2,185.00)	(\$2,100.00)	(\$999,009.13)	(\$1,623.81)	(\$37,079.14)	(\$31,201.39)	(\$1,340,603.76)
\$3,290.00	\$3,090.00	\$1,034,734.62	\$1,929.00	\$13,824.68	\$16,295.93	\$7,492,599.86
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(\$3,290.00)	(\$3,090.00)	(\$1,034,734.62)	(\$1,929.00)	(\$13,824.68)	(\$16,295.93)	(\$7,492,599.86)
\$10,250.00	\$4,120.00	\$953,029.54	\$2,260.26	\$657.65	\$17,136.63	\$2,437,657.30
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(\$10,250.00)	(\$4,120.00)	(\$953,029.54)	(\$2,260.26)	(\$657.65)	(\$17,136.63)	(\$2,437,657.30)
\$1,955.00	\$3,385.00	\$1,012,301.29	\$1,296.32	\$950.05	\$26,879.10	\$2,432,571.86
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(\$1,955.00)	(\$3,385.00)	(\$1,012,301.29)	(\$1,296.32)	(\$950.05)	(\$26,879.10)	(\$2,432,571.86)
\$1,700.00	\$2,985.00	\$1,000,189.12	\$2,025.01	\$1,205.20	\$7,553.04	\$7,217,732.39

\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(\$1,700.00)	(\$2,985.00)	(\$1,000,189.12)	(\$2,025.01)	(\$1,205.20)	(\$7,553.04)	(\$7,217,732.39)
\$1,660.00	\$2,300.00	\$1,164,888.00	\$1,305.00	\$261.80	\$7,317.11	\$2,897,470.69
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(\$1,660.00)	(\$2,300.00)	(\$1,164,888.00)	(\$1,305.00)	(\$261.80)	(\$7,317.11)	(\$2,897,470.69)

Overall Variance

\$385,296.68

\$484,032.38

\$161,020.04

(\$1,997,200.46)

(\$3,174,948.31)

(\$10,153,878.45)

(\$12,337,230.81)

(\$13,677,834.57)

(\$21,170,434.43)

(\$23,608,091.73)

(\$26,040,663.59)

(\$33,258,395.98)

(\$36,155,866.67)

Time Period	Variance Total	RE/PP	Liens & Foreclosures	MV Excise	Penalties/ Interest
Variance 05/2019-05/2020	\$385,296.68	\$471,229.95	\$3,711.08	(\$153,060.28)	(\$15,033.37)
Variance 06/2020-06/2019	\$98,735.70	\$33,132.64	\$0.00	\$40,977.94	(\$14,225.29)
Variance 07/2020-07/2019	(\$323,082.04)	(\$54,439.64)	(\$24,059.21)	\$26,899.75	(\$2,286.45)
Grand Total	\$160,950.34	\$449,922.95	(\$20,348.13)	(\$85,182.59)	(\$31,545.11)

Time Period	Variance Total	RE/PP	Liens & Foreclosures	MV Excise	Penalties/ Interest	In-Lieu of Tax	Other Charges
Variance 05/2019-05/2020	\$385,296.68	\$471,229.95	\$3,711.08	(\$153,060.28)	(\$15,033.37)	(\$60,454.70)	(\$51,353.50)
Variance 06/2020-06/2019	\$98,735.70	\$33,132.64	\$0.00	\$40,977.94	(\$14,225.29)	\$76,699.64	\$52,032.68
Variance 07/2020-07/2019	(\$323,082.04)	(\$54,439.64)	(\$24,059.21)	\$26,899.75	(\$2,286.45)	(\$235,000.00)	\$345.29
Grand Total	\$160,950.34	\$449,922.95	(\$20,348.13)	(\$85,182.59)	(\$31,545.11)	(\$218,755.06)	\$1,024.47

Fees	Liquor Licenses	Other Licenses	Building Permits	Wiring Permits	Plumbing Permits	Govt Distrib	Fines	Misc	Investment Earnings
(\$1,426.26)	(\$860.00)	(\$7,575.00)	\$403.92	(\$855.00)	(\$245.00)	\$236,720.00	(\$283.38)	(\$25,568.38)	(\$10,053.40)
\$1,235.25	(\$620.00)	(\$47,088.00)	\$13,634.74	\$2,950.00	\$90.00	(\$64,973.12)	\$1,101.25	\$690.30	\$3,097.67
(\$1,504.50)	(\$1,000.00)	\$5,949.00	(\$1,142.53)	(\$80.00)	(\$985.00)	(\$30,544.00)	(\$894.37)	(\$1,171.75)	(\$3,168.63)
(\$1,695.51)	(\$2,480.00)	(\$48,714.00)	\$12,896.13	\$2,015.00	(\$1,140.00)	\$141,202.88	(\$76.50)	(\$26,049.83)	(\$10,124.36)

South Hadley Div. of Water Pollution Control

Sample collection date: **August 19, 2020**

SARS-CoV-2 virus in sewage

DETECTED

Virus concentration
(genome copies per liter of sewage)

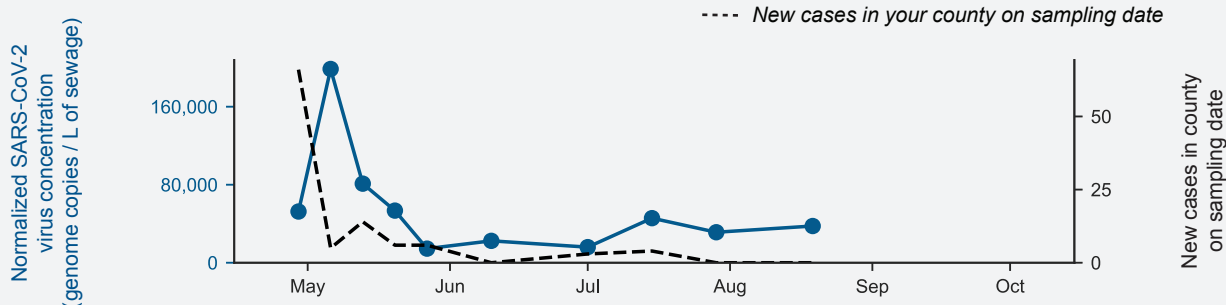
31,369

Normalized* virus concentration
(genome copies per liter of sewage)

37,640

**Normalized virus concentration value is derived by adjusting the raw virus concentration to the PMMV fecal marker in order to account for dilution*

Normalized virus concentration over time



Regional overview of normalized virus concentration levels - Northeast

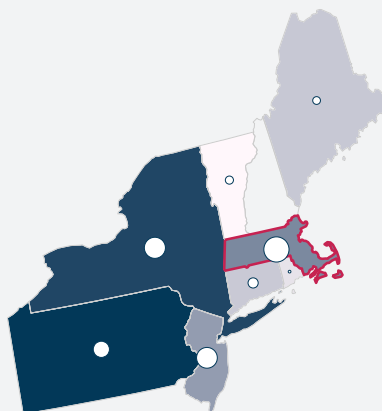
State-level median of collected samples (since June 1st)



Color indicates normalized virus concentration level

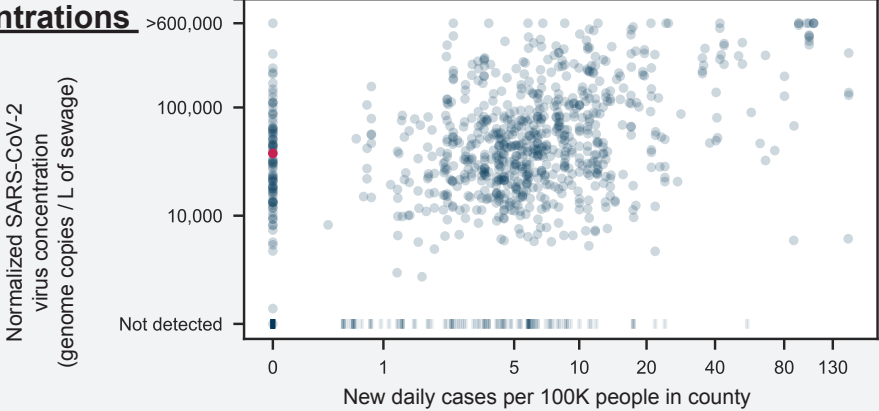
Your state outlined in red

Size of circle indicates population served by participating facilities, ranging from 500 to 3mil



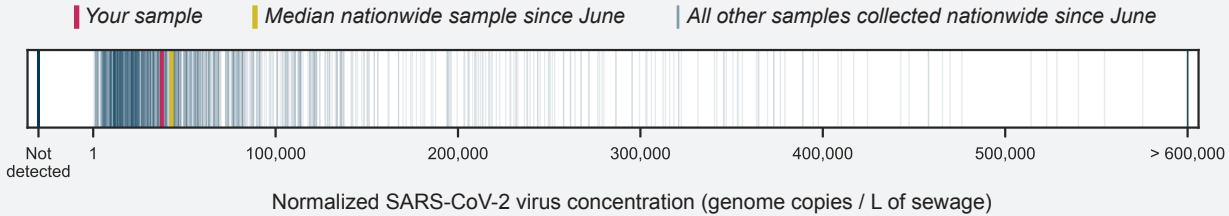
Normalized virus concentrations trend with new cases

- *Your sample*
- *All other samples collected nationwide since June*



Normalized virus concentrations in comparison

Your sample has higher concentration levels than **46%** of all quantifiable samples collected since June.



Case Estimates Reflect Active R&D

Evaluate as beta results when comparing to reported Covid19 cases. We will update our customers when we modify this model.

For more information, read the whitepapers:
<https://doi.org/10.1101/2020.04.05.20051540>
<https://doi.org/10.1101/2020.06.15.20117747>

Biobot COVID19 case estimate

400 new cases
(2.7% incidence rate)

Using a reported flow rate of 2.5 MGD

Biobot's Covid-19 wastewater testing product

Lab protocol

Our methods for detecting SARS-CoV-2 in sewage are adapted from CDC protocols. Our approach relies on detecting genetic fragments of the virus that are excreted in stool by qPCR analysis, which does not determine if the virus is dead or active.

Limit of detection (LOD)

The LOD for our lab protocol is 3,600 copies/L of sewage (see more details in Release Notes below). In terms of case estimates, we reliably detect the virus (>99%) when there is at least 1 infected person in a population of 6,500 people.

Data use

Biobot's wastewater data provides an alternative metric to guide response to the Covid-19 outbreak. We recommend sharing this information with local public health officials. We believe this work has the greatest impact on a statewide level, and hope that you will reach out to your local officials and encourage the expansion of our partnership across your state.

Questions and support

For questions specific to your report, email support@biobot.io.

Biobot's QA/QC protocol

Biobot has an in-house lab facility with a team of scientists dedicated 100% to Covid-19 wastewater testing. All reported data passes our QA/QC protocol:

1) Sample collection

- 3 x 50 ml samples are shipped with a frozen pack to keep 4C temperature control.
- Documentation collected via online form: location, date, time, flow rate on sampling day, sampling type, precipitation events.

2) Storage

- Raw sewage samples are received at Biobot and immediately pasteurized. Pasteurized samples are stored at 4C for up to 3 days before viral concentration.
- Extracted RNA is stored at 4C for no longer than 24h before analysis by RT-qPCR.
- Extracted RNA is stored at -80C for the next 12 months.

3) Sample processing

- 15 mL of sewage sample is used for viral concentration and RNA extraction.
- Second and third replicates are kept at 4C for 30 days as back-up.
- Pepper Mild Mottle Virus, PMMoV, is a fecal indicator used as internal control.
- CDC Primers N1 and N2 are used to target SARS-CoV-2.
- Each test primer (N1 and N2) is run in triplicate in the qPCR assay.
- Four positive controls (synthetic SARS-CoV-2 N gene) are run in each 96-well plate.
- Two negative controls (no template) are run in each 96-well plate.
- Standard curves (synthetic SARS-CoV-2 N gene) are run once a week.

Biobot's data interpretation

Raw viral concentration (genome copies per L of sewage)

The raw SARS-CoV-2 viral concentration is directly measured by the laboratory qPCR assay.

Normalized viral concentration (genome copies per L of sewage)

We normalize the SARS-CoV-2 viral concentration to a fecal indicator, to account for differences in dilution. We use PMMV as this fecal indicator, which is an RNA virus that is commonly excreted in stool.

Biobot's Covid-19 case estimate

We convert the raw viral concentration into a COVID19 case estimate using the following equation:

$$Number\ of\ Covid19\ cases = \frac{Viral\ concentration * x\ Flow\ rate\ on\ sampling\ date}{Virus\ shed\ per\ infected\ person\ per\ day^{**}}$$

*We use the raw viral concentration in this calculation because dilution is accounted for by multiplying the raw concentration with the daily flow.

**Parameter currently estimated from research studying shedding in Covid-19 patients.

The case estimation equation uses your reported flow rate and the measured virus concentration, but does not use your reported catchment population.

Incidence rate (%)

The incidence rate is calculated by dividing the Biobot case estimate by your reported catchment population.

Release notes

Lab protocol versions

We are continuously working to improve our protocols to increase the sensitivity of our measurements and reduce variability. You can find the protocol that was used to generate your data at the bottom of each page of this report:

Lab Protocol Version	Limit of detection (LOD)	Description
v2.3 (current)	3,600 copies/L	Kit-based virus concentration and RNA extraction with one-step RT-qPCR at Biobot and an improved algorithmic Ct calling method.
v2.2	2,100 copies/L	Kit-based virus concentration and RNA extraction with one-step RT-qPCR at Biobot laboratory.
v2.1	1,700 copies/L	Kit-based virus concentration and RNA extraction with one-step RT-qPCR at our MIT partner laboratory.
v2.0	34,000 copies/L	Kit-based virus concentration and RNA extraction with two-step RT-qPCR at our MIT partner laboratory.
v1.0	6,400 copies/L	PEG virus concentration and Trizol RNA extraction with two-step RT-qPCR at our MIT partner laboratory.

Data analysis versions

We are constantly iterating on and improving our data processing and analysis to improve the interpretability of our data. You can see which version of our analysis was used in this report at the bottom of each page, and you can find more specific details in the release notes below.

Data Analysis version	Description
v1.2 (current)	We updated our normalization process for the virus concentration to retain units of copies/L of sewage. We multiply the raw lab concentration by a scaling factor ($scaling\ factor = \frac{reference\ PMMV}{kit\ PMMV}$). The reference PMMV is derived empirically from our entire database. As in previous versions, the case estimate is calculated using the raw SARS-CoV-2 concentration and accounts for dilution by using the flow rate provided.
v1.1	We updated detection thresholds to reduce the chance of false positives. Specifically, we've raised our limit of detection to ensure that all measurements can be confidently quantified, and are requiring two positive measurements per sample (out of six) to consider a sample detected.
v1.0	Raw viral concentration and Covid-19 case estimates are reported. The model parameter (virus shed per infected person per day) is determined from direct communications with Professor Kyle Bibby and Dr. Aaron Bivins and based on clinical viral shedding reported in Wolfel et al. <i>Nature</i> (2020).

Report design versions

We are continually making updates to our report based on internal R&D and feedback from our customers.

Report Design version	Description
v3.2	<p>Major changes:</p> <ul style="list-style-type: none"> • The normalized viral concentration is shown in the report, so you can reproduce the time series plot on your own. • The sampling date shows the sampling end date (before it was the start date) to be in line with the industry standard. • We removed the box with county-level data from USA Facts on cumulative and new cases, so you can compare the Biobot data with your most relevant local datasets. <p>Minor changes:</p> <ul style="list-style-type: none"> • We changed the language around case estimates based on internal R&D to reflect new cases that will be predicted in your county by next week. • We updated language on charts to reflect the new normalization units, and removed redundant explanatory text. • We added legends to the timeseries and sample distribution plots. • We updated all visualizations to reflect data collected since June. • We removed the “percent change” callout in the time series and added axes with units.

Jeff Cyr, Chair
Sarah Etelman, Vice-Chair
Christopher Geraghty, Clerk
Andrea Miles
Bruce Forcier

Michael J. Sullivan
Town Administrator

Town Administrator’s Report to the Selectboard September 2, 2020

Honorable Selectboard;

Please consider and review the information presented in this report. Thank you for your attention, patience, and leadership!

COVID 19 Update

LBOH Count - Events Per Disease and Classification in Jurisdiction

Classification: confirmed,contact,probable,revoked,suspect

Event Dates from 03/01/2020 to 09/02/2020

Jurisdiction(s) selected: SOUTH HADLEY

Jurisdiction(s) used for report: SOUTH HADLEY

The report contains confidential information. The data are current as of 09/01/2020 and are subject to change.

Disease	Status	Num of Cases
Novel Coronavirus	CONFIRMED	211
Novel Coronavirus	CONTACT	206
Novel Coronavirus	PROBABLE	9
Novel Coronavirus	SUSPECT	3

The chart to follow was copied from this site <https://www.mass.gov/info-details/community-level-covid-19-data-reporting>. It gives some detailed information about South Hadley regarding the pandemic. It starts with the total number of cases in South Hadley since the beginning of the pandemic - 209, interesting - but it is the 14-day average of 18 that I consider the more important number. How that is trending is reassuring - “lower”....that’s good!

The challenge with stating how many people are positive in South Hadley really becomes a difficult because of the daily fluctuation of the number of cases being monitored over the ten day period where the Town of South Hadley is directed to monitor a case. Someone could test positive, isolate as ordered (or not) and not reply to any requests over that ten-day isolation period to provide the Health Department tracing access.

South Hadley: YELLOW

Total Case Count: **209**

Two Week case Count: **18**

Average Daily Incidence Rate Per 100,000: **7.10**

Relative Change In Case Count: **Lower**

Total Tests: **4,322**

Total Tests Last 14 Days: **1,243**

Positive Tests Last 14 Days: **23**

Percent Positivity: **1.85%**

Change In Percent Positivity: **Lower**

The total number of tests of 4,322 is interesting, but we also have to consider that one person could have had multiple tests.....still impressive. Over 20% of those tests coming in the last 14 days. It would seem to indicate testing is becoming more available, needed and citizens are taking advantage of the availability.

The testing over the last two weeks gives us a 1.85% positivity rating. it is better than the 2.5% we were a couple of weeks ago and certainly better than the 6.05% Lynn is experiencing.

However, it is concerning we are higher than the surrounding communities of Chicopee 1.22%, NoHo 1.31%, Granby .7%, Amherst.1% (although it seems that will change with the return of more students), Holyoke 1.43%, Springfield 1.69%, and Easthampton 1.57%. Why is South Hadley at 1.85%? The good news, if you can call it that, is we are only slightly higher than the state positivity rate of 1.8%, although to find a higher rate than South Hadley I needed to travel to Sutton in Worcester

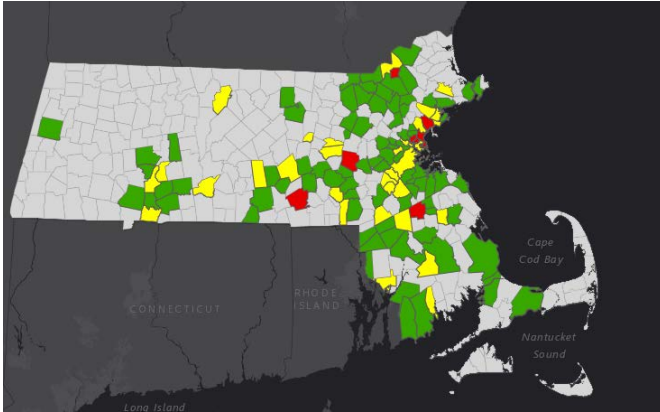
County.

I understand there are a lot of numbers and measures - or matrix if you are younger than I - thrown at us, but the community positivity rate is the most effective to use as a measure as to how a town or city is doing over time and in comparison to other communities. This indicates we all need to try a little harder to help “bend the curve.”

It is true elders are more susceptible to the virus and we do have a higher per capita of over 65 in comparison to other communities across the state, but we need avoid trying to make excuses of why we are higher, accept the fact and work to drive it down.

We continue to encourage seniors to re-double their efforts to avoid crowds, cover their face, practice social distancing, avoid live performances, use good hand hygiene and consult their physicians if they are seeing any signs of COVID 19.

We also will be upping our encouragement for everyone to get a flu shot, although we will not be hosting a “Flu Clinic” this year. The vaccine is available at local pharmacies, through doctors’ offices, and if seniors are seeking safe access to get a flu shot I would recommend they contact the Senior Center for their assistance.



The goal is simple: we went from Red to Yellow, we need to go to Green to get to Grey. Everyone has worked so hard now is not the time to give up!

I would ask all citizens to comply with the guidelines on our website and widely circulated in the media. Thank you for your cooperation thus far!

Below are some pictures of the turf field area. This is just a sampling of the signage we have up in this and other parks encouraging people to comply with face covering and other safe practices. Love the fact that someone placed hand sanitizer on the fence - thank you for your thoughtfulness.



As I am writing we did have a report of employees without face coverings who were in an accident. I want to assure you we addressed it immediately. All South Hadley employees are wearing a face covering indoors when they will be coming in contact or in a work area of a fellow employee. Coverings must be worn in all common areas or when you cannot maintain a 12-foot distance from a fellow employee. Outdoors employees must wear a mask when they are within twenty feet of another person (co-worker, citizen etc.).

State Primary Voting

	A	B	C	D	E	TOTAL
Total Ballots Cast	1048	1263	1179	786	1178	5454
Total of Registered Voters	11894					
VOTER TURNOUT (%):	45.86%					



On Sept. 1 the State Primary was held in South Hadley. Overall, the cooperation from voters was very positive. The vast majority conducted themselves responsibly and with courtesy, however we do live in an “exceptional” time.

There was 45.86% of 11,894 registered voters who turned out to vote - an incredible turnout for a State Primary, and in comparison to what we are hearing from other cities and towns.

The turn around time for the Presidential Election will seem short, with “Early Voting” starting on Oct. 17 and lasting to Oct. 24. The last day to register is Oct. 24. It is only a month and half before we start the process again.

There are a few things we sincerely hope people will consider. The issues surrounding voting in a pandemic are not going away. It will be colder, maybe even snowy, and the state and certainly the Town Clerk is going to extreme measures to provide voters with opportunity to have their vote cast through the various methods - mail-in, early and traditional.

It is noted that some prefer to vote in person and you certainly have that right. However, given the number of things out of our control that could work against that right, we hope you will consider voting early by mail or in-person during early voting. There will be more information as to times and other essential updates about voting published on the Clerk’s page <https://www.southhadley.org/Clerk>. We encourage you to visit the site for the latest developments. However, and for whomever you vote, thank you!

MVP Grant

Congratulations to Conservation Director Anne Capra and thank you to the Baker Administration for providing a \$105,000 grant to South Hadley. The Municipal Vulnerability Program or MVP is designed to help cities and towns to make improvements which will help better prepare communities to deal with the changes we are experiencing related to climate change.

Kara Runsten, the Director of the MVP, recently notified us of the award. It will be used to invest in culverts and other drainage systems to modulate flows and better control and abate run-off and other challenges associated with significant rain events.

Town Hall

I would like to remind people that Town Hall is not open for public access at this time and will likely remain closed through January 1, 2021 due to the pandemic and consistent with Governor Baker’s guidelines. Staff is working, in some cases in a non-traditional schedule (nights, weekends, early mornings) and remotely to accommodate child-care, care of adult dependents or if there is some other situation due to COVID 19 which makes it a threat or impossible to work in the building.

We recently installed a new phone system and we all are getting used to it. It has several features which once mastered will assist us in improving services. We will soon adopt the new Zoom platform for public meetings and will have policies and tutorials for committees very soon.

We appreciate and continue to encourage residents utilizing more of the online services including paying taxes and fees. I want to say if you received a bill in April and you are calling in August to make a plea to forgo a penalty, please consider that a record amount of excise tax was collected on time and it would be unfair to every one of those conscientious citizens to even consider any concessions, even though we have very little ability under state law to make adjustments. Thank you sincerely to the more than 96% of residents who pay their taxes on time, even in these trying times. Thank you!

Respectfully submitted.

Michael J. Sullivan
Town Administrator, South Hadley