

Lowell Public Schools

# COVID-19 Data Monitoring

*March 12, 2021*



LOWELL  
HIGH



# COVID-19 Data in Lowell

Date	Average Daily Incidence Rate Per 100,000	Percent Positivity Rate
8/12/20	2.24	1.18
8/19/20	2.9	1.34
8/26/20	2.4	1.18
9/2/20	4.2	1.5
9/9/20	5.9	1.74
9/16/20	6.4	1.98
9/23/20	7.9	2.24
9/30/20	10.9	2.71
10/7/20	16.3	3.57
10/14/20	16.4	3.29
10/22/20	13.3	2.89

Date	Average Daily Incidence Rate Per 100,000	Percent Positivity Rate
10/29/20	17.6	3.95
11/6/20	27.7	4.97
11/12/20	42.1	6.45
11/19/20	64.2	8.85
11/27/20	80.7	10.18
12/3/20	78.3	10.37
12/10/20	102.03	11.90
12/17/20	134.4	12.33
12/24/20	120.9	11.49
12/31/20	91.1	10.80
1/7/21	78.8	10.15

Date	Average Daily Incidence Rate Per 100,000	Percent Positivity Rate
1/14/21	88.0	10.42
1/21/21	87.0	10.15
1/28/21	72.5	8.37
2/4/21	63.2	7.10
2/11/21	51.0	6.01
2/18/21	41.1	5.01
2/25/21	31.2	4.28
3/4/21	24.5	3.86
<b>3/11/21</b>	<b>23.1</b>	<b>3.74</b>

*\*Revised as of 3/12/21*



# Lowell Public Schools COVID Dashboard

Located on the Lowell Public Schools website: <https://www.lowell.k12.ma.us/coviddashboard>

Includes information and updates on:

- COVID-19 data
- Protocols and guidelines
- Where to go to get tested
- What to do if you test positive, or are a close contact
- COVID-19 Vaccine

**COVID Data Monitoring**

COVID-19 Data in Lowell  
(Last 3 Weekly Reports)

Date	Average Daily Incidence Rate Per 100,000	Percent Positivity Rate
12/24/20	120.9	11.49
12/31/20	91.1	10.80
1/7/21	78.8	10.15

Updated - 1/15/21

- [1/6/21 COVID Data Monitoring](#)
- [12/21/20 COVID Data Monitoring](#)
- [12/16/20 COVID Data Monitoring](#)

**COVID Protocols and Guidelines**

- [Potential COVID Symptoms](#)
- [Face Mask Protocol and Guidelines](#)
- [Quarantine Guidelines](#)



# Lowell Public Schools (9/1/20 - 3/12/21)

	Total Covid Positive (as of 3/12)	Total # Quarantined due to In-Person Instruction	Total # Quarantined due to Outside School Factors	Approximate # Quarantined reporting period (3/5-3/12)
<b>Staff</b>	78 (up 7)	133	117	16
<b>Students</b>	51 (up 11)	224	39	31
<b>TOTAL</b>	129 (up by 18)	357 (up 25)	156 (up by 20)	47

## Notes:

1. The numbers above include In-Person Students and Staff **ONLY**
2. **All the above numbers in parentheses represent change from the previous reporting period - two weeks ago**
3. The **approximate # quarantined** is variable since the return date is approved by the health department. This number changes daily especially since there are now (3) different quarantine guidelines for close contacts.
4. Numbers **include Athletics** (coaches and students, etc.)



# Lowell Public Schools

## COVID-19 Positive Cases Per School (9/1/20 - 3/12/21)

School	Total Positive Students	Total Positive Staff	Total positives By School	25% In-Person Students	25% In-Person Staff	25% Total In-Person Students and Staff	3% In-Person Students	3% In-Person Staff	3% Total In-Person Students and Staff
<b>Bailey</b>	2 (up 1)	0	2	113	27	140	13	13	26
<b>Bartlett</b>	0	3	3	84	35	119	26	21	47
<b>Butler</b>	2(up 1)	4	6	88	45	133	15	21	36
<b>Cardinal</b>	0	4 (up 1)	4	27	23	58	16	23	39
<b>Daley</b>	1	0	1	156	40	196	31	30	61
<b>Greenhalge</b>	3 (up 1)	1	4	116	46	162	22	24	46
<b>Lincoln</b>	1(up 1)	2	3	134	34	168	5	30	35
<b>Lowell High</b>	14 (up 2)	7	21	258	131	389	57	105	162
<b>McAuliffe</b>	0	3	3	130`	38	168	9	36	45

*\*In-person numbers only*

*Numbers in parentheses represent the chg from the last reporting period*



# Lowell Public Schools

## COVID-19 Positive Cases Per School (9/1/20 - 3/12/21) - Continued

School	Total positive Students	Total positive Staff	Total positives by School	25% In-Person Students	25% In-Person Staff	25% Total In-Person Students and staff	3% In-Person Students	3% In-Person Staff	3% Total In-Person Students and Staff
McAvinnue	1	3 (up 1)	4	129	26	155	18	25	43
Moody	0	3	3	85	23	108	0	23	23
Morey	1	1	2	129	36	165	9	20	29
Murkland	0	2	2	141	32	173	4	20	24
Pawtucketville	2	0	2	113	32	145	13	12	25
Pyne Arts	3 (up 1)	3	6	119	36	155	29	25	54
Reilly	4 (up 1)	2 (up 2)	6	107	45	152	13	26	39
Robinson	2 (up 1)	5 (up 2)	7	151	38	189	15	25	41
STEM	3	5	8	182	48	230	10	35	45

*\*In-person numbers only*

*Numbers in parentheses represent the chg from the last reporting period*



# Lowell Public Schools

## COVID-19 Positive Cases Per School (9/1/20 - 3/12/21) - Continued

Schools	Total positive Students	Total positive Staff	Total positive By School	25% In-Person Students	25% In-Person Staff	25% Total In-Person Students and Staff	3% In-Person Students	3% In-Person Staff	3% Total In-Person Students and Staff
Shaughnessy	0	2	2	102	46	148	14	32	46
Stoklosa	1 (up 1)	3 (up 1)	4	104	45	149	13	27	40
Sullivan	2 (up 1)	2	4	137	41	178	21	26	47
Wang	2 (up 1)	5	7	135	34	169	9	15	24
Washington	1	1	2	119	35	154	23	20	43
Laura Lee	1	2	3	19	14	33	14	14	28
LeBlanc	2	1	3	29	16	45	25	16	45
LHS Career Academy	0	0	0	13	10	23	7	5	12
Adie Day	4	3	7	40	41	81	41	44	85
Bridge	0	0	0	15	10	25	0	6	9

*\*In-person numbers only*

*Numbers in parentheses represent the chg from the last reporting period*



# Lowell Public Schools

## COVID-19 Positive Cases Per School (9/1/20 - 3/12/21) - Continued

School	Total positive Students	Total positive Staff	Total positive By School	25% In-Person on Students	25% In-Person Staff	25% Total In-Person Students and Staff	3% In-Person Students	3% In-Person Staff	3% Total In-Person Students and Staff
<b>Central</b>	0	4	4	n/a	n/a	n/a	n/a	n/a	n/a
<b>Transportation</b>	0	7	7	n/a	n/a	n/a	n/a	n/a	n/a
<b>Totals</b>	51 (up 11)	78 (up 7 )	129 (up 18)	2977	1027	4004	473	719	1192

*\*In-person numbers only*

*Numbers in parentheses represent the chg from the last reporting period*





## Access to COVID-19 Testing in Schools

- Pool testing results are delivered within 24-48 hours.
- Pools were run on:
  - 2/24/2021, 2/25/2021
  - 3/2/2021, 3/3/2021 and 3/4/2021
  - 3/8/2021, 3/9/2021 and 3/10/2021
- Pooled testing involves mixing several test samples together in a “batch” or “pool” and then testing the batch.
- If the pooled test result is negative, all are presumed to be negative. If the pooled result is positive, a follow-up test will be conducted on those pool members.



# Negative News

## Commonwealth-wide Pool Testing

(from vendor newsletter summarizing previous week)

“We have some *negative* news you can get excited about! In the past week 99.66% (1441) of pooled tests in the DESE program have been negative!! In other words, the positivity rate is only 0.34% (5). Out of a total of 1476 tests last week, only 1.76% (26) were invalid. All this means Covid-19’s chances for transmission in schools are dwindling... Stay negative folks!”



## Pool Testing Plans Moving Forward

- Our nurses, principals, teachers, support staff, and admin are doing everything possible to make this a positive experience for students.
- *Meetcaregivers* - our third party testers are critical to implementation.
- We will continue to re-evaluate the process and make adjustments as necessary, i.e. the move to 3+ test days as participant numbers increase.
- We need to continue outreach to families and staff to increase participation numbers. Additional consent forms are being submitted daily. Available on COVID-19 dashboard too!



# Consent Forms

(from COVID dashboard- slide 3)

## How can my student participate in the program?

To participate in the testing program, you need to **sign a consent form** for your child. You only need to sign up once for the weekly testing. If you decide NOT TO PARTICIPATE, you do not need to fill out the consent form.

This form gives us permission to share student information with the technology platform we use to track testing. Student information will only be shared with the Department of Public Health and other departments if a student tests positive in an individual test.

## Please find below links to the online consent form:

- [English](#)
- [Arabic](#)
- [Khmer](#)
- [Lao](#)
- [Portuguese](#)
- [Spanish](#)
- [Swahili](#)
- [Vietnamese](#)



# LPS Pool Testing Participation (as of 3/12/21)

## Students

## Staff

Week Ending	Total Number of Students Participating	Total Number of Students Possible	Percentage of Students Participating		Total Number of Staff Participating	Total Number of Staff Possible	Percentage of Staff Participating
2/26/21	135	~473	28%		249	~719	35%
3/5/21	601	~2977	20%		496	~1027	48%
3/12/21	696	~2977	23%		513	~1027	50%

*\*Numbers reflect combined totals from all 28 schools*



# Lowell Public Schools

## Pool Testing Participant Numbers and Results by School w/e 3/12/2021

School	Students	Staff	Total	Pools	Pool Results	Results from Binax
Greenhalge Elementary School	11	11	22	4	neg	
Lowell High School 1980 building, 1922, FA	7	33	40	8	neg	
Murkland Elementary School	45	11	56	10	neg	
Wang Middle School	34	26	60	9	neg	
Pawtucketville Memorial Elementary School	30	25	55	9	neg	
McAvinnue Elementary School	16	15	31	5	neg	
Robinson Middle School	25	9	34	5	neg	
McAuliffe Elementary School	24	11	35	6	neg	
Leblanc Therapeutic Day School	9	13	22	4	neg	
Sullivan Middle School	30	15	45	9	neg	
Reilly Elementary School	19	27	46	7	6 neg, 1 pos	1 positive staff member
Moody Elementary School	3	11	14	3	neg	
Pyne Arts Magnet School	42	28	70	11	neg	
BRIDGE Program	11	11	22	4	neg	



# Lowell Public Schools

## Pool Testing Participant Numbers and Results by School w/e 3/12/21

School	Students	Staff	Total	Pools	Pool Results	Results from Binax
Morey Elementary School	45	21	66	11	neg	
Daley Middle School	62	21	83	13	neg	
Bailey Elementary School	26	13	39	6	neg	
Washington Elementary School	37	21	58	9	neg	
Laura Lee Therapeutic Day School	7	5	12	2	neg	
The Career Academy	9	7	16	3	neg	
Lincoln Elementary School	4	10	14	2	neg	
Butler Middle School	33	13	46	6	neg	
Shaughnessy Elementary School	36	17	53	9	neg	
Cardinal O'Connell Early Learning Center	9	10	19	3	neg	
Rogers STEM Academy	64	16	80	10	neg	
Stoklosa Middle School	13	12	25	4	neg	
Bartlett Community Partnership	29	45	74	12	neg	
Adie Day School	16	30	46	8	neg	



## Next Steps if we receive positive pool results

- Parents and Staff will be notified by phone and/or email regarding a positive pool result that they participated in.
- All members of the positive pool will be tested as early as possible once the results have been reported. Most likely the next school day.
- Our nurses will use the BinaxNow rapid test kits to identify the positive individual. In the unusual situation where no individual tests positive, all the individuals in the pool will be quarantined until that person is identified via a PCR test.
- Once the positive is identified, that individual will follow the isolation guidelines as set forth by DESE and then sent home. Any close contacts will be identified and notified as well.





# Current Status of COVID-19 Vaccine

## Massachusetts - Three Phase Roll Out

- The first group included healthcare workers, people in long-term care, and first responders.
- **The second phase began in February** and targets those with underlying health problems, people over the age of 65 and **essential workers like** grocery store employees and **teachers**.
- About 350 Lowell School employees who had two comorbidities received their first vaccine on 2/25 and 2/26. The follow-up shots will be 3/25 and 3/26. Special thanks to CircleHealth/Sen. Kennedy for assisting with these special events.
- “Federal” Supply at CVS, Walgreens, Hannaford, etc.
- All teachers can schedule a vaccine now.
- Lowell residents- 100+ vaccine invites sent out this week.



# LOWELL

PUBLIC SCHOOLS



# Summary of Highlights!

\*\*\*\*\*Consent to Pool Testing. Help make the schools safer:

<https://www.lowell.k12.ma.us/site/Default.aspx?PageID=4570>