

Lowell Public Schools

# COVID-19 Data Monitoring

*April 16, 2021*





# 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
10/29/20	17.6	3.95

Date	Average Daily Incidence Rate Per 100,000	Percent Positivity Rate
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
1/14/21	88.0	10.42
1/21/21	87.0	10.15

Date	Average Daily Incidence Rate Per 100,000	Percent Positivity Rate
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
3/11/21	23.1	3.74
3/18/21	25.3	4.10
3/25/21	30.6	4.91
4/1/21	43.5	6.69
4/8/21	54.1	7.97
<b>4/15/21</b>	<b>54.4</b>	<b>8.00</b>



# 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 - 4/16/21)

	Total Covid Positive (as of 4/16)	Total # Quarantined due to In-Person Instruction	Total # Quarantined due to Outside School Factors	Approximate # Quarantined reporting period (4/5- 4/16)
<b>Staff</b>	89 (up 2)	176 (up 19)	136 (up 9)	11
<b>Students</b>	128 (up 48)	438 (up 119)	110 (up 51)	53
<b>TOTAL</b>	217 (up by 50)	614 (up 138)	246 (up 60)	64

## 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 4/5 - 4/16**
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 (4/5 - 4/16) Pool testing #'s per week

School	Total Positive Students	Total Positive Staff	Total positives By School	Total # students pool testing	Total # staff pool testing	Total # pool testing	Total # of pools	Total # identified through pool testing this week w/o 4/12
Bailey	2	1	3	89	27	116	13	0
Bartlett	7	0	7	74	49	123	17	0
Butler	1	0	1	48	16	64	10	0
Cardinal	0	0	0	16	13	29	5	0
Daley	2	0	2	73	26	99	16	0
Greenhalge	2	0	2	23	16	39	7	0
Lincoln	0	0	0	27	10	37	6	0
Lowell High	3	0	3	9	25	34	7	0
McAuliffe	0	0	0	51	22	73	10	0

*\*In-person numbers only*

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



# Lowell Public Schools

## COVID-19 Positive Cases Per School (4/5 - 4/16) - Pooled testing #'s per wk.

School	Total positive Students	Total positive Staff	Total positives by School	Total # students pool testing	Total # staff pool testing	Total # pool testing	Total # of pools	Total # identified through pool testing w/o 4/12
McAvinnue	0	0	0	37	29	66	11	0
Moody	1	0	1	9	14	23	4	0
Morey	1	0	1	139	36	175	27	0
Murkland	0	0	0	69	17	86	13	0
Pawtucketville	1	0	1	92	35	127	18	0
Pyne Arts	1	0	1	101	33	134	22	0
Reilly	1	0	1	125	34	159	24	0
Robinson	6	0	6	30	11	41	7	0
STEM	4	0	4	98	32	130	24	1

*\*In-person numbers only*

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



# Lowell Public Schools

## COVID-19 Positive Cases Per School (4/5 - 4/16) - Continued

Schools	Total positive Students	Total positive Staff	Total positive By School	Total # students pool testing	Total # staff pool testing	Total # pool testing	Total # of pools	Total # identified through pool testing w/o 4/12
Shaughnessy	5	0	5	48	25	73	12	0
Stoklosa	1	1	2	18	18	36	7	0
Sullivan	5	0	5	61	26	87	13	1
Wang	2	0	2	46	27	73	10	1
Washington	2	0	2	58	27	85	14	0
Laura Lee	0	0	0	10	5	15	6	0
LeBlanc	0	0	0	12	15	27	4	0
LHS Career Academy	0	0	0	8	14	22	4	0
Adie Day	0	0	0	24	36	60	8	0
Bridge	0	0	0	6	13	19	4	0



# Lowell Public Schools

## COVID-19 Positive Cases Per(4/5 - 4/16) School - Continued

School	Total positive Students	Total positive Staff	Total positive By School	Total # students pool testing	Total # staff pool testing	Total # pool testing	Total # of pools	Total # identified through pool testing w/o 4/12
Central	0	0	0	0	22	22	3	0
**Transportation	0	4	4	0	0	0	0	0
<b>Totals</b>	48	2	50	1401	673	2074	326	2
				Up 185	Up 56	Up 241	Up 35	Down 8

*\*In-person numbers only*

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

*\*\* not included in LPS staff numbers*





# Access to COVID-19 Testing in Schools

- Pool testing results are delivered within 24-48 hours.

- Pools were run on:

2/24, 2/25 (0 positive pools)

3/2, 3/3 and 3/4 (5 positive pools)

3/8, 3/9 and 3/10 (1 positive pool)

3/15, 3/16, 3/17 (3 positive pools)

3/22, 3/23, 3/24 (3 positive pools)

3/29, 3/30, 3/31 (4 positive pools)

4/7, 4/8, 4/9 (10 positive pools - 282 negative pools)

4/12, 4/13, 4/14 (2 positive pools - 324 negative pools)

- 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.

**NOTE: Pool Testing Funds have been extended through the end of the school year including the summer.**



# Commonwealth's Data

## Pool Testing Shows 0.7% COVID Positivity Rate In Massachusetts Schools, Baker Says

By [CBSBoston.com Staff](#)

March 29, 2021 at 1:56 pm

Filed Under: [Coronavirus](#), [Gov. Charlie Baker](#), [pool testing](#)

BOSTON (CBS) — Pool testing found a 0.76% positivity rate to date in Massachusetts schools, according to the Baker Administration. Nearly 159,000 individuals in 22,679 pools have been tested. The average pool test is seven people.

“Of the collected pooled tests, Massachusetts is not aware of any in which there was more than one positive individual, suggesting that there is extremely little evidence of in-school transmission of COVID-19 in Massachusetts,” said a statement from the governor’s office.” **“State funding for the testing program has been extended to the end of the school year.”**

## Lowell Schools’ Pool Positivity Rate for week of April 12:

**2074 tested with 2 positives shows .096% positivity rate**



# Consent Forms

## 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.

## Here are links for the online consent form:

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

Or parents can scan this QR code on their phone to sign up:



Lowell School Employees: Consent form is [here](#) or:

[https://docs.google.com/forms/d/1ZVwwYeCK2cAI5vUW5UitVfG3sWNyf2gGzVeXDRO2IDM/viewform?edit\\_requested=true](https://docs.google.com/forms/d/1ZVwwYeCK2cAI5vUW5UitVfG3sWNyf2gGzVeXDRO2IDM/viewform?edit_requested=true)



# LPS Pool Testing Participation (as of 4/16/21)

## 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%
3/19/21	790	~2977	26%		484	~1027	47%
3/26/21	796	~2977	27%		463	~1027	45%
4/1/21	820	~2977	27.5%		501	~1027	49%
4/9/21	1216	~5600	22.0%		617	~1027	60%
4/16/21	1401	~5600	25%		673	~1027	66%



## Process when receive positive pool result

- 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.