

Lowell Public Schools

# COVID-19 Data Monitoring

*March 26, 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
3/11/21	23.1	3.74
3/18/20	25.3	4.10
<b>3/25/21</b>	<b>30.6</b>	<b>4.91</b>

\*Revised as of 3/26/21



# 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 - 3/26/21)

	Total Covid Positive (as of 3/26)	Total # Quarantined due to In-Person Instruction	Total # Quarantined due to Outside School Factors	Approximate # Quarantined reporting period (3/12-3/26)
<b>Staff</b>	84 (up 6)	150 (up 17)	123 (up 6)	23
<b>Students</b>	74 (up 23)	309 (up 85)	70 (up 31)	100
<b>TOTAL</b>	158 (up by 29)	459 (up 102)	193 (up 37)	123

## 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 3/12-3/26**
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 - 3/26/21)

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
Bailey	2	0	2	113	27	140	13	13	26
Bartlett	0	3	3	84	35	119	26	21	47
Butler	2	4	6	88	45	133	15	21	36
Cardinal	0	4	4	27	23	58	16	23	39
Daley	1	0	1	156	40	196	31	30	61
Greenhalge	4 (up 1)	1	5	116	46	162	22	24	46
Lincoln	2(up 1)	2	4	134	34	168	5	30	35
Lowell High	18(up 4)	8 (up 1)	26	258	131	389	57	105	162
McAuliffe	1 (up 1)	3	4	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 - 3/26/21) - 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
<b>McAvinnue</b>	2 (up 1)	3	5	129	26	155	18	25	43
<b>Moody</b>	2 (up 2)	3	5	85	23	108	0	23	23
<b>Morey</b>	2 (up 2)	1	3	129	36	165	9	20	29
<b>Murkland</b>	1 (up 1)	2	3	141	32	173	4	20	24
<b>Pawtucketville</b>	2	1 (up 1)	3	113	32	145	13	12	25
<b>Pyne Arts</b>	4 (up 1)	3	7	119	36	155	29	25	54
<b>Reilly</b>	5 (up 1)	6 (up 4)	11	107	45	152	13	26	39
<b>Robinson</b>	3 (up 1)	5	8	151	38	189	15	25	41
<b>STEM</b>	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 - 3/26/21) - 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	2 (up 2)	2	4	102	46	148	14	32	46
Stoklosa	2(up 1)	3	5	104	45	149	13	27	40
Sullivan	2	2	4	137	41	178	21	26	47
Wang	3 (up 1)	6 (up 1)	9	135	34	169	9	15	24
Washington	3 (up 2)	1	4	119	35	154	23	20	43
Laura Lee	1	2	3	19	14	33	14	14	28
LeBlanc	3 (up 1)	1	4	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 - 3/26/21) - Continued

School	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
Central	0	4	4	n/a	n/a	n/a	n/a	n/a	n/a
Transportation	0	7	7	n/a	n/a	n/a	n/a	n/a	n/a
<b>Totals</b>	<b>74 (up 23)</b>	<b>84 (up 6 )</b>	<b>158 (up 29)</b>	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, 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)
- 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.



## 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!
- Commonwealth to continue funding pool testing thru June!



# 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 3/24/21)

## 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%

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



# Lowell Public Schools

## Pool Testing Participant Numbers and Results by School w/e 3/26/2021

School	Students	Staff	Total	Pools	Pool Results	Results from Binax
Greenhalge Elementary School	16	11	27	5	4 pos 1 neg	1 pos identified
Lowell High School 1980 building, 1922, FA	6	28	34	6	neg	
Murkland Elementary School	45	12	67	9	neg	
Wang Middle School	39	23	62	9	neg	
Pawtucketville Memorial Elementary School	32	26	58	9	neg	
McAvinnue Elementary School	12	18	30	5	neg	
Robinson Middle School	29	9	38	7	neg	
McAuliffe Elementary School	28	8	36	6	neg	
Leblanc Therapeutic Day School	9	13	22	4	neg	
Sullivan Middle School	45	15	60	9	neg	
Reilly Elementary School	31	24	55	9	neg	
Moody Elementary School	4	10	14	3	neg	
Pyne Arts Magnet School	60	27	87	14	neg	
BRIDGE Program	14	10	24	4	neg	



# Lowell Public Schools

## Pool Testing Participant Numbers and Results by School w/e 3/26/21

School	Students	Staff	Total	Pools	Pool Results	Results from Binax
Morey Elementary School	49	22	71	13	12 neg 1 pos	1 pos identified
Daley Middle School	66	21	87	15	neg	
Bailey Elementary School	28	14	42	7	neg	
Washington Elementary School	39	23	62	9	8 neg 1 pos	1 pos identified
Laura Lee Therapeutic Day School	9	5	14	2	neg	
The Career Academy	7	7	14	2	neg	
Lincoln Elementary School	3	9	12	2	neg	
Butler Middle School	34	14	48	8	neg	
Shaughnessy Elementary School	41	18	59	9	neg	
Cardinal O'Connell Early Learning Center	9	10	19	3	neg	
Rogers STEM Academy	89	19	108	16	neg	
Stoklosa Middle School	16	12	28	5	neg	
Bartlett Community Partnership	51	29	80	13	neg	
Adie Day School	26	36	62	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.



# Summary of Highlights!

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

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