

Lowell Public Schools

COVID-19 Data Monitoring

April 5, 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
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

**Revised as of 4/5/21*



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

LOWELL PUBLIC SCHOOLS

Our District Departments Parents & Students Community Staff

Lowell Public Schools - COVID Dashboard

2020-2021 SCHOOL YEAR INFORMATION

Welcome

Lowell Public Schools - COVID Dashboard

Technology Resources

Remote Learning Meal Service Schedule

2020-2021 District Calendar

Handbooks

Parent Form for In-Person Placement Consideration

Lowell Public Schools COVID Dashboard

Current Learning Model:

All Lowell Public Schools students are taking part in remote learning.

Plan for students returning on campus:

The School Committee, after consultation with the Board of Health, set the following target dates for returning students to in-person learning, provided the COVID-19 data can improve between now and then:

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 - 4/1/21)

	Total Covid Positive (as of 4/1)	Total # Quarantined due to In-Person Instruction	Total # Quarantined due to Outside School Factors	Approximate # Quarantined reporting period (3/19-4/1)
Staff	87 (up 8)	160 (up 20)	127 (up 8)	13
Students	79 (up 21)	319 (up 85)	59 (up 11)	40
TOTAL	166 (up by 29)	479 (up 105)	186 (up 19)	53

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 3/19-4/1**
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 - 4/1/21)

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	19(up 5)	9 (up 1)	28	258	131	389	57	105	162
McAuliffe	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 - 4/1/21) - 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	2 (up 1)	3	5	129	26	155	18	25	43
Moody	2 (up 2)	3	5	85	23	108	0	23	23
Morey	2 (up 2)	1	3	129	36	165	9	20	29
Murkland	1 (up 1)	2	3	141	32	173	4	20	24
Pawtucketville	2	2 (up 1)	4	113	32	145	13	12	25
Pyne Arts	4 (up 1)	3	7	119	36	155	29	25	54
Reilly	5 (up 1)	6 (up 4)	11	107	45	152	13	26	39
Robinson	3 (up 1)	5	8	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 - 4/1/21) - 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	3 (up 1)	3	6	104	45	149	13	27	40
Sullivan	3 (up 1)	2	5	137	41	178	21	26	47
Wang	3 (up 1)	7 (up 1)	10	135	34	169	9	15	24
Washington	4 (up 3))	3 (up 2)	7	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 - 4/1/21) - 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	**9 (up 2)	9	n/a	n/a	n/a	n/a	n/a	n/a
Totals	79 (up 21)	87 (up 8)	166 (up 29)	2977	1027	4004	473	719	1192

**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)
- 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.
- 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'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 School’s Pool Positivity Rate for week of March 29:

1321 tested with 4 positives shows .3 % 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



LPS Pool Testing Participation (as of 4/1/21)

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% ←

**Numbers reflect combined totals from all 28 schools*



Pool Testing Participant Numbers and Results by School w/e 4/1/2021

School	Students	Staff	Total	Pools	Pool Results	Results from Binax
Greenhalge Elementary School	15	10	25	5	neg	
Lowell High School 1980 building, 1922, FA	7	30	37	7	neg	
Murkland Elementary School	53	11	64	10	neg	
Wang Middle School	39	28	67	9	neg	
Pawtucketville Memorial Elementary School	31	23	54	9	neg	
McAvinnue Elementary School	14	20	54	5	neg	
Robinson Middle School	29	9	38	6	neg	
McAuliffe Elementary School	26	10	36	6	neg	
Leblanc Therapeutic Day School	13	14	27	4	neg	
Sullivan Middle School	41	14	55	10	9 neg 1 pos	1 pos
Reilly Elementary School	41	25	66	10	neg	
Moody Elementary School	3	9	12	2	neg	
Pyne Arts Magnet School	60	28	88	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	20	69	12	neg	
Daley Middle School	63	22	85	15	neg	
Bailey Elementary School	23	16	39	7	6 neg/ 1 pos	1 pos
Washington Elementary School	42	20	62	10	9 neg/1 pos	1 pos
Laura Lee Therapeutic Day School	8	4	12	2	neg	
The Career Academy	11	9	20	3	neg	
Lincoln Elementary School	3	9	12	2	neg	
Butler Middle School	37	13	50	8	neg	
Shaughnessy Elementary School	37	18	55	9	neg	
Cardinal O'Connell Early Learning Center	12	11	23	4	neg	
Rogers STEM Academy	86	17	103	16	neg	
Stoklosa Middle School	18	11	29	5	4 neg/ 1 pos	1 pos
Bartlett Community Partnership	55	35	90	13	neg	
Adie Day School	27	36	63	8	neg	



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.



Expansion of In-person Learning

- April 5 Grades: K-5 students return who select in-person learning
- April 26 Grades 6-8 students return who select in-person learning
- Busing Temporary 2020/2021 policy expanded for busing now for K-8 students who live within 1.75 miles (SC vote on March 31, 2021)

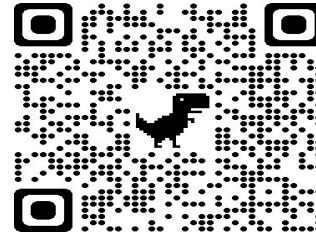


Consent Forms Here!

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

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

Staff Consent form is [here](#)



Or you can quickly scan this QR code with your camera to sign up: