

Lowell Public Schools

COVID-19 Data Monitoring

March 5, 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

Date	Average Daily Incidence Rate Per 100,000	Percent Positivity Rate
10/22/20	13.3	2.89
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

Date	Average Daily Incidence Rate Per 100,000	Percent Positivity Rate
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
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

**Revised as of 3/4/21*



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: 1/11/21

- [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 - 3/5/21)

	Total Covid Positive (as of 3/5)	Total # Quarantined due to In-Person Instruction	Total # Quarantined due to Outside School Factors	Approximate # Quarantined reporting period (2/26-3/5)
Staff	73 (up 3)	132 (up 7)	113	11
Students	47 (up 7)	224 (up 17)	34	22
TOTAL	120 (up by 10)	356 (up 24)	147 (up by 7)	33

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
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 - 3/5/21)

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	1	0	1	113	27	140	13	13	26
Bartlett	0	3	3	84	35	119	26	21	47
Butler	1	4	5	88	45	133	15	21	36
Cardinal	0	3	3	27	23	58	16	23	39
Daley	1	0	1	156	40	196	31	30	61
Greenhalge	3 (up 1)	1	4 (up 1)	116	46	162	22	24	46
Lincoln	0	2	2	134	34	168	5	30	35
Lowell High	14 (up 2)	7	21 (up 2)	258	131	389	57	105	162
McAuliffe	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 - 3/5/21) - 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 (up 1)	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 (up 1)	119	36	155	29	25	54
Reilly	3	0	3	107	45	152	13	26	39
Robinson	2 (up 1)	4 (up 1)	5 (up 2)	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 - 3/5/21) - 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	0	3 (up 1)	3 (up 1)	104	45	149	13	27	40
Sullivan	2 (up 1)	2	4 (up 1)	137	41	178	21	26	47
Wang	2 (up 1)	5	7 (up 1)	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 - 3/5/21) - 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
Totals	47 (up 7)	73 (up 3)	120 (up 10)	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
- 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

- This is truly a collaborative effort! Our nurses, 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 the implementation of this program.
- We will continue to re-evaluate the process and make adjustments as necessary, i.e. the move from 2 test days to 4 test days as participant numbers increase.
- Accurate record keeping is critical at the school level and amongst the testers.
- We need to continue outreach to families and staff to increase participation numbers. Additional consent forms are being submitted daily.



Lowell Public Schools

Pool Testing Participation (as of 3/5/2021)

	Participated	Possible	Percentage
Number of Schools	28	28	100%
Number of Students	601	~2977	20%
Number of Staff	496	~1027	48%



Lowell Public Schools

Pool Testing Participant Numbers and Results by School w/e 3/5/2021

School	Students	Staff	Pools	Pool Results	Results from Binax
Greenhalge Elementary School	13	10	4	1 pos 3 neg	1 positive
Lowell High School 1980 building, 1922, FA	7	33	8	neg	
Murkland Elementary School	33	13	8	neg	
Wang Middle School	31	20	9	1 pos 8 neg	1 positive
Pawtucketville Memorial Elementary School	34	21	9	neg	
McAvinnue Elementary School	14	8	5	1 pos 4 neg	1 positive
Robinson Middle School	24	9	5	1 pos 4 neg	1 positive
McAuliffe Elementary School	17	10	5	neg	
Leblanc Therapeutic Day School	9	12	3	neg	
Sullivan Middle School	27	14	7	1 pos 6 neg	1 positive
Reilly Elementary School	14	26	7	neg	
Moody Elementary School	1	9	2	neg	
Pyne Arts Magnet School	27	29	10	neg	
BRIDGE Program	10	11	4	neg	



Lowell Public Schools

Pool Testing Participant Numbers and Results by School w/e 3/5/21

School	Students	Staff	Pools	Pool results	Results from Binax Testing
Morey Elementary School	39	21	11	neg	
Daley Middle School	52	20	12	neg	
Bailey Elementary School	20	13	5	neg	
Washington Elementary School	39	24	9	neg	
Laura Lee Therapeutic Day School	8	5	2	neg	
The Career Academy	13	6	3	neg	
Lincoln Elementary School	3	10	2	neg	
Butler Middle School	25	16	7	neg	
Shaughnessy Elementary School	38	15	9	neg	
Cardinal O'Connell Early Learning Center	11	11	4	neg	
Rogers STEM Academy	23	14	7	neg	
Stoklosa Middle School	13	27	5	neg	
Bartlett Community Partnership	41	31	11	neg	
Adie Day School	15	28	7	neg	
Totals week ending 3/5/2021	601	496	184		



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.



What are the goals for returning to In-Person Learning in school buildings?

Return to in-person learning is dependent on the prevailing data

- Decisions are made based on three-week trends in incidence rate, positivity rate, community-wide spread and in-school transmission following the guidance of DESE and in consultation with the Lowell Board of Health.

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

- **February 22 (per vote of SC on 1/25/2021)** - Students in substantially separate special education programs who were previously participating in our in-person learning model
- **March 1** - Students, who are not in a substantially separate special education program, but were previously served in-person this school year as part of our original school reopening plan
- **April 1** - Expansion of our in-person learning model to include additional students beyond those who were assigned to in-person learning at the beginning of this school year.



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.**
- Phase three is for everyone else beginning in April.
- If escorting a person over 75 to a major vaccine site, younger person can now get a vaccine too.
- About 350 Lowell School Employees with two comorbidities received their first vaccine on 2/25 and 2/26. Special thanks to Circle Health/Sen. Kennedy for assisting with these special events.



LOWELL

PUBLIC SCHOOLS