

Lowell Public Schools

COVID-19 Data Monitoring

February 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

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

**Revised as of 2/25/21*



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 - 2/26/21)

	Total Covid Positive (as of 2/19)	Total # Quarantined due to In-Person Instruction	Total # Quarantined due to Outside School Factors	Approximate # Quarantined reporting period (2/5 - 2/19)
Staff	70 <small>(up 3)</small>	125	113 <small>(up by 1)</small>	5
Students	40	207	27	0
TOTAL	110 <small>(up by 3)</small>	332	140 <small>(up by 1)</small>	5

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 - 2/26/21)

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	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	2	1	3	116	46	162	22	24	46
Lincoln	0	2	2	134	34	168	5	30	35
Lowell High	12	7 (up 1)	19 (up 1)	258	131	389	57	105	162
McAuliffe	0	3 (up 1)	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 - 2/26/21) - 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
McAvinnue	1	2	3	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	2	3	5	119	36	155	29	25	54
Reilly	3	0	3	107	45	152	13	26	39
Robinson	1	3	4	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 - 2/26/21) - 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	0	2 (up 1)	2	102	46	148	14	32	46
Stoklosa	0	2	2	104	45	149	13	27	40
Sullivan	1	2	3	137	41	178	21	26	47
Wang	1	5	6	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 - 2/26/21) - 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
Totals	40	70 (up 3)	110 (up 3)	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 and 2/25/2021.
- 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

	Participated	Possible	Percentage
Number of Schools	25	28	89%
Number of Students	135	~473	28%
Number of Staff	249	~719	35%

Note: 3 schools did not participate since there were no students on site this week - we expect 100% participation next week



Lowell Public Schools

Pool Testing Participant Numbers and Results by School on 2/24/21

School	Students	Staff	Pools	Results	Notes
Greenhalge Elementary School	3	4	1	neg	
Lowell High School 1980 building, 1922, FA	5	22	4	neg	
Murkland Elementary School	5	5	2	neg	
Wang Middle School	1	14	3	neg	
Pawtucketville Memorial Elementary School	4	11	3	neg	
McAvinnue Elementary School	2	10	2	neg	
Robinson Middle School	9	4	3	neg	
McAuliffe Elementary School	4	4	2	neg	
Leblanc Therapeutic Day School	4	10	3	neg	
Sullivan Middle School	6	5	2	neg	
Reilly Elementary School	0	11	2	neg	
Moody Elementary School	0	0	0	n/a	Will start next wk
Pyne Arts Magnet School	12	15	4	neg	
BRIDGE Program	0	0	0	n/a	Will start next wk
Totals (12 schools participating this week)	55	115	31		



Lowell Public Schools

Pool Testing Participant Numbers and Results by School on 2/25/21

School	Students	Staff	Pools	Results	Notes
Morey Elementary School	2	5	1		
Daley Middle School	12	14	5		
Bailey Elementary School	5	10	3		
Washington Elementary School	2	14	3		
Laura Lee Therapeutic Day School	7	4	2		
The Career Academy	0	0	0		Will start next week
Lincoln Elementary School	0	7	1		
Butler Middle School	2	12	2		
Shaughnessy Elementary School	7	4	2		
Cardinal O'Connell Early Learning Center	4	10	3		
Rogers STEM Academy	4	9	2		
Stoklosa Middle School	5	6	2		
Bartlett Community Partnership	13	16	5		
Adie Day School	17	23	7		
Totals for 2/25	80	134	38		

***Results have not been received as of 2:00pm on 2/26**



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.



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