

Lowell Public Schools

COVID-19 Data Monitoring

School Committee Presentation - January 20, 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

**Revised as of 1/15/21*



Lowell Public Schools (9/1/20 - 1/15/21)

	Total Covid Positive (as reported to DESE)	Total # Quarantined due to In-Person Instruction	Total # Quarantined due to Outside School Factors	Approximate # Quarantined reporting period (1/04 - 1/15)
Staff	59 ↑ (6)	123	94 ↑ (6)	5
Students	39 ↑ (3)	207	27	0
TOTAL	98 ↑ (9)	330	121 ↑ (6)	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 (1/4 through 1/15)
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 - 1/15/21)

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 (2) ↑	3 ↑	84	35	119	26	21	47
Butler	1	4	5	88	45	133	15	21	36
Cardinal	0	2	2	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	1	1	134	34	168	5	30	35
Lowell High	11 (3) ↑	6 (1) ↑	17 ↑	258	131	389	57	105	162
McAuliffe	0	2	2	130`	38	168	9	36	45

**In-person numbers only*

Numbers in parentheses represent the chg from the last reporting period on 1/4



Lowell Public Schools

COVID-19 Positive Cases Per School (9/1/20 - 1/15/21) - 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	1	1	141	32	173	4	20	24
Pawtucketville	2	0	2	113	32	145	13	12	25
Pyne Arts	2	2	4	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 on 1/4



Lowell Public Schools

COVID-19 Positive Cases Per School (9/1/20 - 1/15/21) - 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	1	1	102	46	148	14	32	46
Stoklosa	0	1	1	104	45	149	13	27	40
Sullivan	1	2	3	137	41	178	21	26	47
Wang	1	3	4	135	34	169	9	15	24
Washington	1	1	2	119	35	154	23	20	43
Laura Lee	1	2 (1) ↑	3 ↑	19	14	33	14	14	28
LeBlanc	2	1 (1) ↑	3 ↑	29	16	45	25	16	45
LHS Career Academy	0	0	0	13	10	23	7	5	12
Adie Day	4	3 (1) ↑	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 on 1/4



Lowell Public Schools

COVID-19 Positive Cases Per School (9/1/20 - 1/15/21) - 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	36	53	89	2977	1027	4004	473	719	1192

**In-person numbers only*

Numbers in parentheses represent the chg from the last reporting period on 1/4



Access to COVID-19 Testing in Schools

- Studying feasibility of utilizing Abbott BinaxNOW antigen testing program for when more students are in schools;
- State Sponsored Pool Testing: Pooled testing involves mixing several test samples together in a “batch” or “pool” and then testing the batch. This approach increases the number of individuals that can be tested using the same amount of resources. Test is performed once a week with an anterior nasal swab for all students and staff members.
- Results are delivered within 24-48 hours.
- If the pooled test result is negative, all are presumed to be negative. If the pooled result is positive, all are quarantined until re-tested individually.





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](#)



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 1** - 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

MA Plans a Three Phase Roll Out

- The first group will include healthcare workers, people in long-term care, and first responders, as well as inmates at correctional facilities.
- **The second phase will likely begin 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 and is set to start in April.





Next Steps

- Monitor PPE availability and options;
- Continue to meet with City personnel on facility readiness and potential improvements;
- Monitor onsite COVID-19 testing grants and options and meet with City to collaborate on testing capabilities;
- Work with City to enhance contact tracing;
- Provide information in regard to vaccine availability for school personnel.

