

Lowell Public Schools

COVID-19 Data Monitoring

February 19, 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

**Revised as of 2/18/21*



Lowell Public Schools (9/1/20 - 2/19/21)

	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	67	125	112 ↑ Up by 2	3
Students	40 ↑ Up by 1	207	27	1
TOTAL	107 ↑ Up by 1	332	139 ↑ Up by 2	4

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 - 2/19/21)

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 (up 1)	6	18 (up 1)	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



Lowell Public Schools

COVID-19 Positive Cases Per School (9/1/20 - 2/19/21) - 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 - 2/19/21) - 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	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 - 2/19/21) - 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 (up by 1)	67	107 (up by 1)	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

- State Sponsored Pool Testing: Pooled testing involves mixing several test samples together in a “batch” or “pool” and then testing the batch.

- *Results are delivered within 24-48 hours.

- *Six sample pools were run on 2/11/2021

- *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.

- *Have applied for it to be in place on February 22, 2021 to test at the 25% level once per week

Official Application to be an Authorized School in the Pooled Testing Program

Thank You!

Thank you for taking our survey. Your response is very important to us.

100%

A horizontal progress bar with a teal fill, indicating 100% completion.



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 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

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 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.





Considerations for April 1st Return

- Latest CDC guidance
- Social Distancing Requirements
- Staffing Needs
- Transportation Needs
- Technology Needs
- Professional Development Needs
- Standardize School Schedules for Cohorts
- Uniqueness of High School Schedule may be a Challenge
- Family Survey Results





What is a 2:3 Hybrid Model?

The 2:3 hybrid model identifies two cohorts of students at each grade level (cohort A and cohort B).

- Students in cohort A will attend school **in-person** on Mondays and Tuesday and engage in remote learning on Wednesdays, Thursdays, and Fridays.
- Students in cohort B will engage in remote learning on Mondays, Tuesdays, and Wednesdays and attend school **in person** on Thursdays and Fridays.

This 2:3 hybrid model ensures that school buildings never approach full capacity, and 6-feet of social distancing can be followed in classrooms and common spaces. Remote Wednesdays allows for deep cleaning between in person cohorts.

*****The District will continue to provide 5 days per week of full-time in-person learning for high need populations who are scheduled to return to in-person learning on March 1 (i.e. 25% cohort).***



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PUBLIC SCHOOLS



Overview of Potential LPS Hybrid Plan

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- Available for the 75% of students who have been fully remote since Sept. 17, 2021.
 - Identification of cohorts A & B
 - Monday and Tuesday in-person learning for cohort A (full remote Wed, Thursday & Friday)
 - Wednesday full remote for all cohorts
 - Thursday and Friday in-person learning for cohort B (full remote Wed, Monday & Tuesday)

