

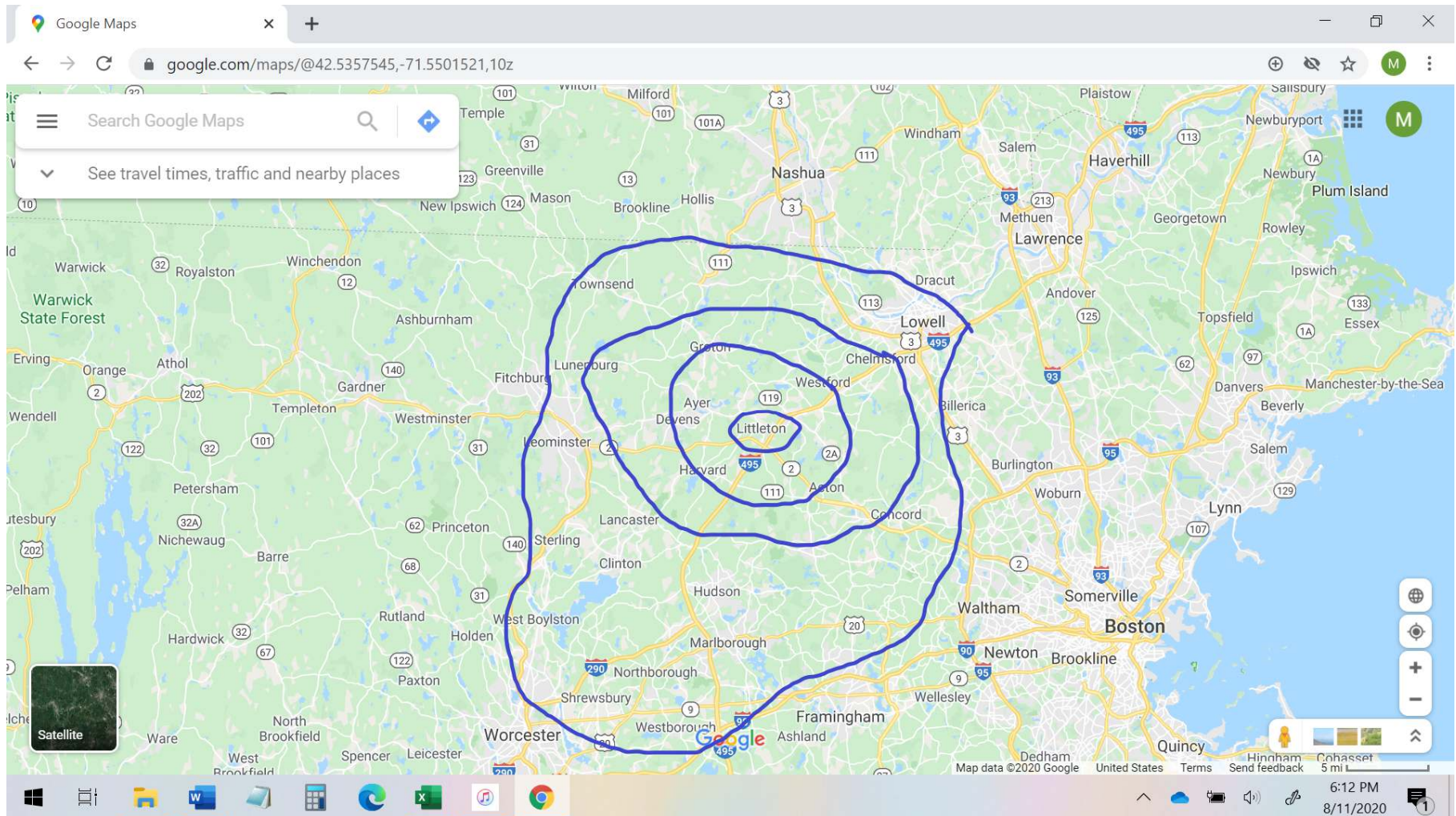
Covid-19 Health Metrics

Littleton and Surrounding
Communities

Town Groupings Evaluated

- **Littleton**
- **Border Communities**
 - Littleton, plus Acton, Ayer, Boxborough, Groton, Harvard, and Westford
- **Contiguous Communities**
 - Border Communities, plus Bolton, Carlisle, Chelmsford, Concord, Dunstable, Lancaster, Lunenburg, Maynard, Pepperell, Shirley, Stow
- **495 Belt**
 - Contiguous Communities, plus Ashby, Bedford, Berlin, Boylston, Clinton, Hudson, Leominster, Lincoln, Lowell, Marlborough, Northborough, Shrewsbury, Southborough, Sterling, Sudbury, Townsend, Tyngsboro, Wayland, West Boylston, Westborough, Weston
- **Middlesex County**
- **Commonwealth of Massachusetts**

Town Groupings Evaluated



Thresholds

DESE Thresholds Average Cases Per Day per 100,000

- <4 Cases Per Day: GREEN
- Between 4 and 8 Cases Per Day: YELLOW
- >8 Cases Per Day: RED

Harvard Global Health Institute

Testing Positivity Threshold

<3%

City/Town	Population	Total Cases (Last 14 Days)	Average Cases per Day (Last 14 Days)	Rate of Average Daily Cases per 100,000 Residents (Last 14 Days)	Average Cases Per Day Compared to 4 Cases Per 100,00 (DESE Green Threshold)	Total Tested (Last 14 days)	Total Positive Tests (Last 14 days)	Percent Positivity (Last 14 Days)
Littleton	10,227	3	0.21	2.10	-47.62%	547	4	0.73%
Acton	23,662	3	0.21	0.91	-77.36%	1,249	4	0.32%
Ayer	8,196	0	0.00	0.00	-100.00%	499	0	0.00%
Boxborough	5,793	0	0.00	0.00	-100.00%	257	0	0.00%
Groton	11,325	1	0.07	0.63	-84.23%	1,014	2	0.20%
Harvard	6,620	3	0.21	3.24	-19.08%	320	4	1.25%
Westford	24,817	6	0.43	1.73	-56.83%	1,171	9	0.77%
Contiguous Communities Total	90,640	16	1.14	1.26	-68.48%	5,057	23	0.45%
Bolton	5,426	1	0.07	1.32	-67.09%	325	1	0.31%
Carlisle	5,252	0	0.00	0.00	-100.00%	272	0	0.00%
Chelmsford	35,391	28	2.00	5.65	41.28%	1,603	29	1.81%
Concord	18,918	0	0.00	0.00	-100.00%	1,415	1	0.07%
Dunstable	3,403	0	0.00	0.00	-100.00%	158	0	0.00%
Lancaster	8,082	5	0.36	4.42	10.47%	400	5	1.25%
Lunenburg	11,736	2	0.14	1.22	-69.57%	438	2	0.46%
Maynard	11,336	1	0.07	0.63	-84.25%	574	1	0.17%
Pepperrell	12,114	2	0.14	1.18	-70.52%	472	3	0.64%
Shirley	7,636	4	0.29	3.74	-6.46%	318	4	1.26%
Stow	7,234	1	0.07	0.99	-75.31%	430	1	0.23%
Contiguous Communities+ Total	217,168	60	4.29	1.97	-50.66%	11,462	70	0.61%
Route 495 Belt Totals	642,573	304	21.71	3.38	-15.52%	35,303	358	1.01%
Middlesex County	1,634,150	952	68.00	4.16	4.03%	149,505	1,108	0.74%
Commonwealth of MA Totals	6,894,522	4,510	322.14	4.67	16.81%	612,180	5,514	0.90%

Data from September 16, 2020 MA weekly DPH report

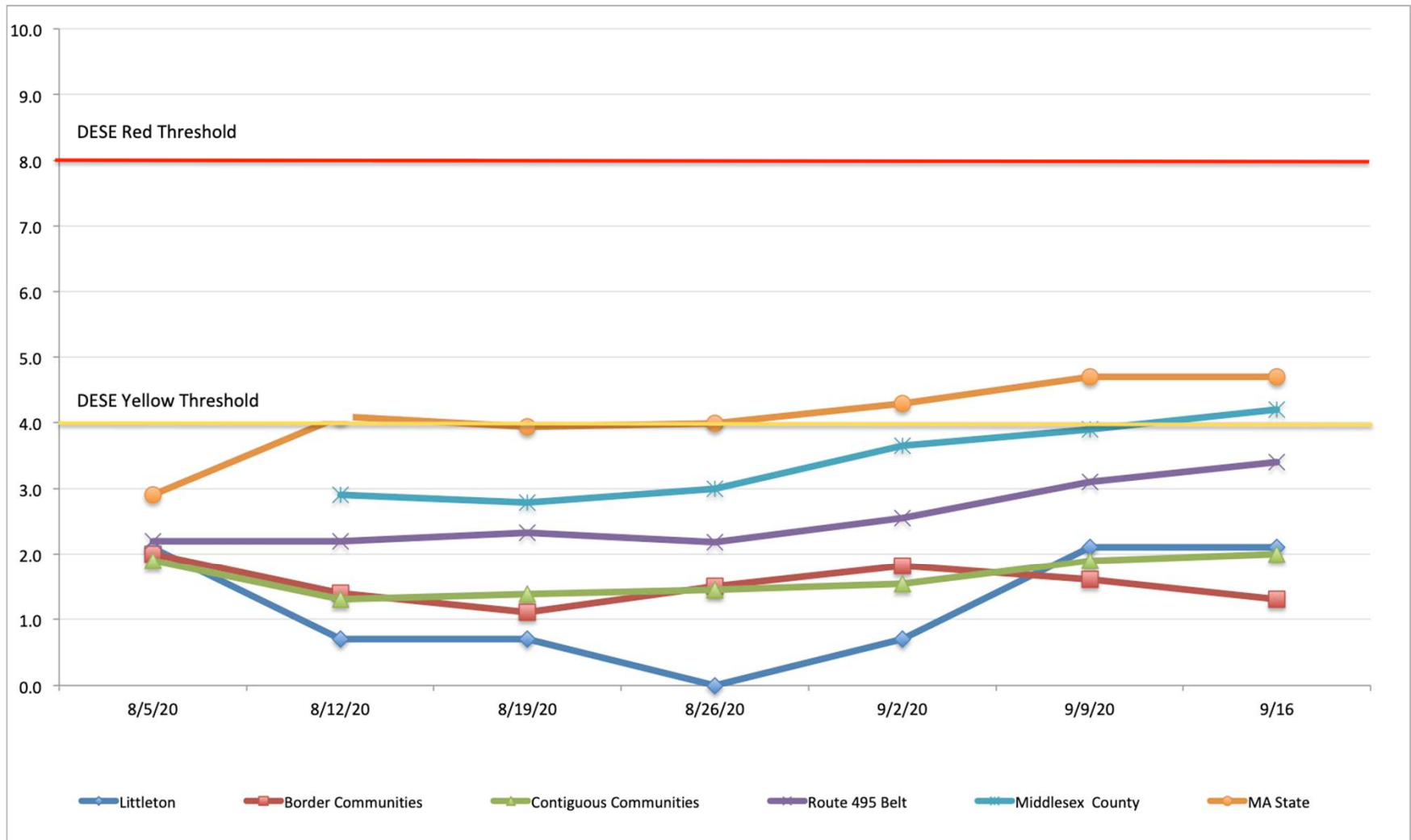
City/Town	Population	Total Cases (Last 14 Days)	Average Cases per Day (Last 14 Days)	Rate of Average Daily Cases per 100,000 Residents (Last 14 Days)	Average Cases Per Day Compared to 4 Cases Per 100,00 (DESE Green Threshold)	Total Tested (Last 14 days)	Total Positive Tests (Last 14 days)	Percent Positivity (Last 14 Days)
Littleton	10,227	3	0.21	2.10	-47.62%	547	4	0.73%
Acton	23,662	3	0.21	0.91	-77.36%	1,249	4	0.32%
Ayer	8,196	0	0.00	0.00	-100.00%	499	0	0.00%
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Bolton	5,426	1	0.07	1.32	-67.09%	325	1	0.31%
Carlisle	5,252	0	0.00	0.00	-100.00%	272	0	0.00%
Chelmsford	35,391	28	2.00	5.65	41.28%	1,603	29	1.81%
Concord	18,918	0	0.00	0.00	-100.00%	1,415	1	0.07%
Dunstable	3,403	0	0.00	0.00	-100.00%	158	0	0.00%
Lancaster	8,082	5	0.36	4.42	10.47%	400	5	1.25%
Lunenburg	11,736	2	0.14	1.22	-69.57%	438	2	0.46%
Maynard	11,336	1	0.07	0.63	-84.25%	574	1	0.17%
Pepperrell	12,114	2	0.14	1.18	-70.52%	472	3	0.64%
Shirley	7,636	4	0.29	3.74	-6.46%	318	4	1.26%
Stow	7,234	1	0.07	0.99	-75.31%	430	1	0.23%
Contiguous Communities+ Total	217,168	60	4.29	1.97	-50.66%	11,462	70	0.61%
Ashby	3,219	0	0.00	0.00	-100.00%	119	1	0.84%
Bedford	14,123	5	0.36	2.53	-36.78%	819	6	0.73%
Berlin	3,240	0	0.00	0.00	-100.00%	191	0	0.00%
Boylston	4,712	2	0.14	3.03	-24.21%	266	2	0.75%
Clinton	14,000	15	1.07	7.65	91.33%	666	15	2.25%
Hudson	19,864	6	0.43	2.16	-46.06%	961	6	0.62%
Leominster	41,716	14	1.00	2.40	-40.07%	1,957	19	0.97%
Lincoln	7,052	1	0.07	1.01	-74.68%	391	1	0.26%
Lowell	110,997	105	7.50	6.76	68.92%	6,358	126	1.98%
Marlborough	39,597	34	2.43	6.13	53.33%	1,994	42	2.11%
Northborough	15,109	7	0.50	3.31	-17.27%	806	7	0.87%
Shrewsbury	38,526	10	0.71	1.85	-53.65%	2,402	10	0.42%
Southborough	10,208	2	0.14	1.40	-65.01%	649	2	0.31%
Sterling	8,174	2	0.14	1.75	-56.31%	727	4	0.55%
Sudbury	19,655	4	0.29	1.45	-63.66%	1,085	3	0.28%
Townsend	9,506	1	0.07	0.75	-81.21%	372	2	0.54%
Tyngsboro	12,527	15	1.07	8.55	113.82%	556	17	3.06%
Wayland	13,835	2	0.14	1.03	-74.19%	875	2	0.23%
West Boylston	8,077	2	0.14	1.77	-55.78%	413	2	0.48%
Westborough	19,144	15	1.07	5.60	39.92%	1,242	18	1.45%
Weston	12,124	2	0.14	1.18	-70.54%	992	3	0.30%
Route 495 Belt Totals	642,573	304	21.71	3.38	-15.52%	35,303	358	1.01%
Middlesex County	1,634,150	952	68.00	4.16	4.03%	149,505	1,108	0.74%
Commonwealth of MA Totals	6,894,522	4,510	322.14	4.67	16.81%	612,180	5,514	0.90%

Average Daily Cases

	Average Daily Cases per 100,000 (past 14 days)	DESE Threshold
Littleton	2.1	Green
Border Communities	1.3	Green
Continuous Communities	2.0	Green
Route 495 Community Belt	3.4	Green
Middlesex County	4.0	Yellow
MA State	4.7	Yellow

Data from September 16, 2020 MA weekly DPH report

Trend: Average Daily Cases per 100,000

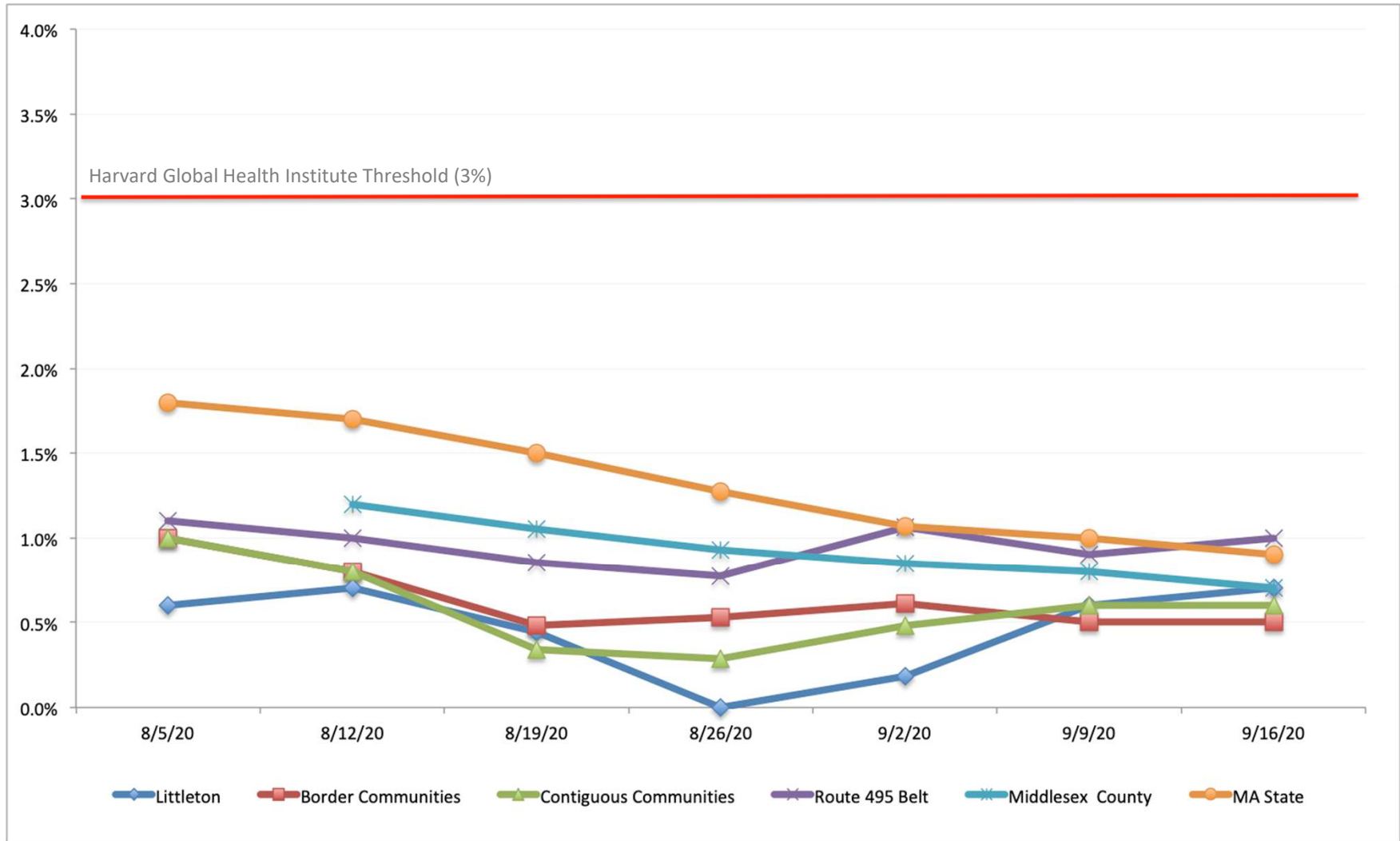


Percent Positivity

	Total Molecular Tests (last 14 days)	Percent Positivity	3% Positivity Threshold
Littleton	524	0.7%	<3%
Border Communities	5,264	0.5%	<3%
Continuous Communities	11,039	0.6%	<3%
Route 495 Community Belt	33,771	1.0%	<3%
Middlesex County	137,114	0.7%	<3%
MA State	567,709	0.9%	<3%

Data from September 16, 2020 MA weekly DPH report

Trend: Test Positivity



Heath Metrics Summary

- Data as of September 16, 2020 report
- Littleton is **Green**
 - 3 cases in the last 14 days
 - Average daily cases per 100k population = 2.1
 - Percent positivity in last 14 days = 0.7%
 - After trending higher for two weeks, Rates and Testing Positivity have leveled off and remain well below thresholds
- Border and Surrounding Communities are **Green**
 - Rates range 1.6 to 3.4 per 100k population
 - Rates are higher, but testing is stable
- Middlesex County is **Yellow**
 - Rates are higher, but testing positivity is stable
- MA State is **Yellow**
 - Rates are higher, but test positivity is stable