

Draft Pioneer Valley Region Bottlenecks - AM Peak 2019

AM Rank	Municipality	Location	AM TTI	Approach Direction - Comment
1	Westfield	Route 10/202 @ I-90 exit 3 - SB South of exit	4.86	Southbound on 10/202 and Exit 3 Ramp Eastbound (4 segments)
2	Springfield	White St @ Route 83	4.50	Southbound
3	Chicopee	Montgomery St @ Granby Rd	3.98	Northbound
4	Springfield	Roosevelt Ave @ Wilbraham	3.97	Southbound
5	Chicopee	Center St @ Hampden St - NB	3.89	Northbound
6	Chicopee	Church St from Grove St to Broadway	3.25	Northbound to Broadway (3 segments)
7	Agawam	Silver St E/O Suffield St	3.22	Northbound
8	Springfield	Robbins Rd @ Page Blvd	3.00	Northbound
9	Southwick	South Longyard Rd @ Fowler Road	2.91	Eastbound
9	Springfield	Plainfield cut through to Main street	2.91	Northbound
10	Holyoke	Main St @i-391 exit 5	2.89	Northbound
11	Springfield	Parker St N/O Wilbraham Rd	2.83	Northbound/Southbound (2 segments)
12	Springfield	Cooley St @ Allen St	2.81	Southbound
13	Palmer	Lawrence St from Shearer to Route 32	2.78	Eastbound (2 segments)
14	Chicopee	I-90 Exit 5 @ Memorial	2.75	Eastbound
15	Springfield	Fort Pleasant Ave @ Locust St	2.67	Northbound
16	Springfield	Alden St @ Roosevelt Ave	2.65	TIP Project FFY 2016 need to verify (3 segments, starting W/O intersection including segment E/O int) Eastbound
17	Springfield	Carew St @ St James	2.60	Southbound

Data from RITIS XD - 2019 Year average by XD segment 7-9AM

Tavel Time Index (TTI) - calculated using RITIS Reference speed compared to average peak hour speed for each XD segment

Draft Pioneer Valley Region Bottlenecks - PM Peak 201 9

PM Rank	Municipality	Location	PM TTI	Approach Direction - Comment
1	Holyoke	Homestead @ Lower Westfield Rd SB	7.50	TIP Project complete - Southbound
2	Longmeadow	Dwight @ converse SB	6.75	TIP Project completed 2019 - Southbound
2	East Longmeadow / Longmeadow	Dwight @ Williams / Maple SB	6.75	Southbound
3	East Longmeadow	Maple @ Shaker EB (Rotary) Shaker Road - NB at Maple St (Rotary)	5.75	Eastbound/Northbound
4	Chicopee	I-90 Exit 5 @ Memorial EB	5.50	Eastbound
5	Springfield	Parker @ Boston Rd	4.86	Southbound (4 segments)
6	Westfield	Route 10/202 south of Exit 3 SB	4.71	Southbound (2 segments starting north of exit)
7	Amherst	S East St @ Main St NB	4.50	Southbound / Northbound (2 segments)
7	Springfield	White @ Route 83 SB	4.50	Southbound
8	Chicopee	i-90 exit 6 @ I-290/Burnett Rd	4.43	
9	Northampton	N King St - SB North of Bridge Rd	4.40	Up coming TIP project - Southbound
10	Palmer	Sykes St @ Wilbraham St SB	4.33	Southbound
11	Wilbraham	Main Street from Maple to Boston Rd	4.30	Northbound/Southbound (2 segments)
12	Agawam	South Westfield Rd - NB @ Shoemaker Ln	4.29	Northbound
13	Longmeadow	Lourel St - SB North of Converse St (Benedict Tr)	4.14	Southbound
13	Easthampton	Pleasant St - WB at Route 141 (Rotary)	4.14	Westbound
13	East Longmeadow	Shaker Road - NB at Maple St (Rotary)	4.14	Northbound (2 segments)
14	Springfield	Oak St - NB @ St James/Bay/Magazine	4.00	Northbound
15	Amherst	S East St @ Route 9 - SB	3.88	Southbound
16	Springfield	Harvey St @ Boston Rd - SB	3.80	Southbound
17	Amherst	Main St @ Boltwood @ Pleasant St- WB	3.71	Westbound (2 segments)
17	Chicopee	McKinstry Ave West of Meadow - WB	3.71	Westbound
18	Springfield	St James Ave @ Taple - SB	3.67	Southbound
18	Springfield	Allen st @ Island Pond - WB	3.67	Westbound
19	Chicopee	Front St @ Grape St - EB	3.57	Eastbound (3 segments)

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PM Rank	Municipality	Location	PM TTI	Approach Direction - Comment
19	Chicopee	Front St @ Grove St - EB	3.57	
19	Northampton	Conz St from Fulton Ave to Route 5 - SB	3.57	TIP Project complete Southbound (2 segments)
19	Springfield	Parker St @ Boston Rd	3.57	Northbound (4 segments)
20	Springfield	Carew St North of St James (Beaven St)	3.50	Southbound
21	Springfield	Parks St @ Wilbrahm Rd	3.44	Southbound
22	Amherst	Main St - East Dr to Triangle St	3.43	Eastbound
22	Palmer / Three Rivers	Fuller Rd South of Pine St	3.43	Southbound

Data from RITIS XD - 2019 Year average by XD segment 4-6PM

Tavel Time Index (TTI) - calculated using RITIS Reference speed compared to average peak hour speed for each XD segment