

MBTA FITCHBURG LINE – INBOUND
WEEKDAY BOARDINGS, ALIGHTINGS, AND LOADS BY TRAIN AND STATION
Spring/Fall 2018 CTPS Commuter Rail Passenger Counts

Station	Train 400				Train 402				Train 404				Train 406				Train 408			
	Scheduled Time (AM)	Ons	Offs	Load	Scheduled Time (AM)	Ons	Offs	Load	Scheduled Time (AM)	Ons	Offs	Load	Scheduled Time (AM)	Ons	Offs	Load	Scheduled Time (AM)	Ons	Offs	Load
Wachusett	4:50	11	—	11	5:45	15	—	15	6:20	38	—	38	6:45	6	—	6	7:10	27	—	27
Fitchburg	4:58	6	0	17	5:53	10	0	25	6:28	53	0	91	6:53	60	0	66	7:18	34	2	59
North Leominster	5:04	30	0	47	5:59	28	2	51	6:34	26	0	117	6:59	23	1	88	7:25	52	0	111
Shirley	5:12	20	0	67	6:07	21	0	72	6:42	42	1	158	7:07	17	0	105	7:33	27	1	137
Ayer	5:17	12	0	79	6:12	23	3	92	6:47	69	2	225	7:12	25	1	129	7:38	48	2	183
Littleton/Rte 495	5:25	26	0	105	6:20	36	0	128	6:55	138	0	363	7:20	18	0	147	7:46	112	2	293
South Acton	5:32	71	0	176	6:27	147	1	274	7:02	292	0	655	7:27	74	0	221	7:53	202	2	493
West Concord	5:36	10	1	185	6:31	38	0	312	—	—	—	655	7:31	76	3	294	—	—	—	493
Concord	5:41	23	0	208	6:36	46	2	356	—	—	—	655	7:36	83	2	375	—	—	—	493
Lincoln	5:49	23	0	231	6:44	42	1	397	—	—	—	655	7:44	90	2	463	—	—	—	493
Silver Hill	—	—	—	231	f 6:47	5	0	402	—	—	—	655	—	—	—	463	—	—	—	493
Hastings	5:54	2	0	233	6:50	6	0	408	—	—	—	655	—	—	—	463	—	—	—	493
Kendal Green	5:57	12	0	245	6:53	28	0	436	—	—	—	655	7:51	30	14	479	—	—	—	493
Brandeis/Roberts	6:00	12	1	256	6:56	25	6	455	—	—	—	655	7:54	15	8	486	—	—	—	493
Waltham	6:04	26	3	279	7:00	75	11	519	—	—	—	655	7:58	75	15	546	8:12	109	12	590
Waverley	6:09	5	2	282	7:05	15	7	527	—	—	—	655	8:03	21	4	563	—	—	—	590
Belmont	6:12	6	2	286	7:08	26	4	549	—	—	—	655	8:06	30	7	586	—	—	—	590
Porter Square	6:17	5	93	198	7:13	16	181	384	7:28	27	349	333	8:11	34	204	416	8:22	40	235	395
North Station	6:27	—	198	—	7:23	—	384	—	7:38	—	333	—	8:21	—	416	—	8:32	—	395	—
Total Riders		300	300			602	602			685	685			677	677			651	651	
Maximum Load				286				549				655				586				590
Max. Load Point				Belmont				Belmont				South Acton				Belmont				Waltham
N. Sta. Offs/Max. Load				69.2%				69.9%				50.8%				71.0%				66.9%
Interzone Pct.				3.0%				6.1%				0.4%				8.4%				3.2%

Notes: Times are based on schedule effective 11/20/17
“f” before time indicates train stops only on request

“—” indicates train does not serve this station, or item not applicable
N. Sta. Offs/Max. Load = North Station alightings/maximum load on train

Interzone Pct. = Percent of offs before Porter Sq.

MBTA FITCHBURG LINE – INBOUND
WEEKDAY BOARDINGS, ALIGHTINGS, AND LOADS BY TRAIN AND STATION
Spring/Fall 2018 CTPS Commuter Rail Passenger Counts

Station	Train 492				Train 410				Train 412				Train 414				Train 416			
	Scheduled Time (AM)	Ons	Offs	Load	Scheduled Time (AM)	Ons	Offs	Load	Scheduled Time (AM)	Ons	Offs	Load	Scheduled Time (AM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load
Wachusett	—	—	—	—	8:00	3	—	3	9:37	11	—	11	10:50	0	—	0	12:00	0	—	0
Fitchburg	—	—	—	—	8:08	18	3	18	9:45	12	0	23	10:58	6	0	6	12:08	15	0	15
North Leominster	—	—	—	—	8:14	22	0	40	9:51	8	0	31	11:04	6	0	12	12:14	13	1	27
Shirley	—	—	—	—	8:22	6	0	46	f 9:59	3	0	34	f 11:12	1	0	13	f 12:22	0	0	27
Ayer	—	—	—	—	8:27	21	3	64	f 10:04	12	2	44	f 11:17	7	2	18	f 12:27	6	2	31
Littleton/Rte 495	7:55	23		23	8:35	95	2	157	10:12	5	1	48	11:25	4	0	22	12:35	0	1	30
South Acton	8:02	29	0	52	8:42	65	2	220	10:19	17	1	64	11:32	9	0	31	12:42	8	0	38
West Concord	8:06	71	0	123	8:46	45	0	265	f 10:22	24	0	88	f 11:35	15	2	44	f 12:45	5	4	39
Concord	8:11	39	2	160	8:51	29	4	290	f 10:26	15	0	103	f 11:39	10	3	51	f 12:49	8	0	47
Lincoln	8:19	51	0	211	8:59	32	0	322	f 10:33	9	0	112	f 11:46	2	0	53	f 12:56	2	1	48
Silver Hill	f 8:22	6	0	217	—	—	—	322	—	—	—	112	—	—	—	53	—	—	—	48
Hastings	8:25	9	0	226	—	—	—	322	f 10:37	1	0	113	f 11:50	0	0	53	—	—	—	48
Kendal Green	8:28	2	0	228	9:05	6	0	328	f 10:39	5	0	118	f 11:52	1	0	54	f 1:02	1	0	49
Brandeis/Roberts	8:31	21	10	239	9:08	18	2	344	f 10:41	8	0	126	f 11:54	11	0	65	f 1:04	4	0	53
Waltham	8:35	62	3	298	9:12	36	8	372	10:45	10	7	129	11:58	6	1	70	1:08	11	5	59
Waverley	8:40	13	2	309	9:17	18	3	387	f 10:50	0	2	127	f 12:03 PM	0	4	66	—	—	—	59
Belmont	8:43	17	4	322	9:20	15	5	397	f 10:52	0	0	127	f 12:08	3	0	69	f 1:14	0	1	58
Porter Square	8:48	40	109	253	9:25	45	96	346	10:57	2	24	105	12:10	0	30	39	1:19	2	26	34
North Station	8:58	—	253	—	9:35	—	346	—	11:07	—	105	—	12:20	—	39	—	1:29	—	34	—
Total Riders		383	383			474	474			142	142			81	81			75	75	
Maximum Load				322				397				129				70				59
Max. Load Point				Belmont				Belmont				Waltham				Waltham				Waltham
N. Sta. Offs/Max. Load				78.6%				87.2%				81.4%				55.7%				57.6%
Interzone Pct.				5.5%				6.8%				9.2%				14.8%				20.0%

MBTA FITCHBURG LINE – INBOUND
WEEKDAY BOARDINGS, ALIGHTINGS, AND LOADS BY TRAIN AND STATION
Spring/Fall 2018 CTPS Commuter Rail Passenger Counts

Station	Train 418				Train 420				Train 422				Train 494				Train 424			
	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load
Wachusett	1:30	6	—	6	2:50	1	—	1	4:05	7	—	7	—	—	—	—	5:43	2	—	2
Fitchburg	1:38	15	0	21	2:58	11	0	12	4:13	12	0	19	—	—	—	—	5:51	7	0	9
North Leominster	1:44	5	0	26	3:04	3	0	15	4:19	1	0	20	—	—	—	—	5:57	13	1	21
Shirley	f 1:52	2	0	28	f 3:12	1	1	15	4:27	4	1	23	—	—	—	—	f 6:05	2	5	18
Ayer	f 1:57	2	1	29	f 3:17	6	4	17	4:32	3	5	21	—	—	—	—	f 6:10	3	2	19
Littleton/Rte 495	2:05	7	1	35	3:25	2	0	19	4:40	2	0	23	5:15	8		8	6:18	1	1	19
South Acton	2:12	7	0	42	3:32	15	0	34	4:47	9	0	32	5:22	13	0	21	6:25	7	0	26
West Concord	f 2:15	3	2	43	f 3:35	6	1	39	4:52	12	0	44	f 5:25	18	1	38	f 6:28	7	0	33
Concord	f 2:19	8	2	49	f 3:39	24	1	62	4:56	22	0	66	f 5:29	16	0	54	f 6:32	11	1	43
Lincoln	f 2:26	3	2	50	f 3:46	3	0	65	5:03	5	2	69	f 5:36	6	1	59	f 6:39	4	0	47
Silver Hill	—	—	—	50	—	—	—	65	—	—	—	69	—	—	—	59	—	—	—	47
Hastings	—	—	—	50	—	—	—	65	—	—	—	69	—	—	—	59	—	—	—	47
Kendal Green	f 2:32	3	0	53	f 3:52	3	0	68	f 5:09	3	1	71	f 5:42	2	1	60	f 6:45	0	0	47
Brandeis/Roberts	f 2:34	11	0	64	f 3:54	30	2	96	5:12	61	2	130	f 5:44	39	4	95	f 6:47	39	5	81
Waltham	2:40	5	5	64	3:58	4	8	92	5:16	24	5	149	5:48	0	0	95	6:51	0	0	81
Waverley	—	—	—	64	—	—	—	92	f 5:21	6	3	152	f 5:53	4	3	96	—	—	—	81
Belmont	f 2:46	0	0	64	f 4:06	2	4	90	f 5:23	5	1	156	f 5:55	2	7	91	f 6:57	2	6	77
Porter Square	2:51	0	23	41	4:11	6	46	50	5:28	12	72	96	6:00	6	57	40	7:02	1	32	46
North Station	3:01	—	41	—	4:21	—	50	—	5:39	—	96	—	6:10	—	40	—	7:12	—	46	—
Total Riders		77	77			117	117			188	188			114	114			99	99	
Maximum Load				64				96				156				96				81
Max. Load Point				Brandeis/Roberts				Brandeis/Roberts				Belmont				Waverley				Brandeis/Roberts
N. Sta. Offs/Max. Load				64.1%				52.1%				61.5%				41.7%				56.8%
Interzone Pct.				16.9%				17.9%				10.6%				14.9%				21.2%

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Spring/Fall 2018 CTPS Commuter Rail Passenger Counts

Station	Train 426				Train 428				Train 430				Train 432			
	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load
Wachusett	6:59	2	—	2	8:25	2	—	2	9:30	1	—	1	10:35	0	—	0
Fitchburg	7:07	6	0	8	8:33	16	1	17	9:38	2	0	3	10:43	4	0	4
North Leominster	7:13	3	0	11	8:39	3	0	20	9:44	0	1	2	10:49	0	1	3
Shirley	f 7:21	0	0	11	f 8:47	1	4	17	f 9:52	0	0	2	f 10:57	0	0	3
Ayer	f 7:26	1	0	12	f 8:52	4	0	21	f 9:57	2	1	3	f 11:02	0	0	3
Littleton/Rte 495	7:34	1	0	13	9:00	4	0	25	10:05	1	0	4	11:10	0	0	3
South Acton	f 7:41	1	1	13	9:07	4	0	29	10:12	2	0	6	11:17	3	0	6
West Concord	f 7:44	3	0	16	f 9:10	6	0	35	f 10:15	0	0	6	f 11:20	0	0	6
Concord	f 7:48	6	0	22	f 9:14	2	2	35	f 10:19	1	0	7	f 11:24	1	0	7
Lincoln	f 7:51	0	0	22	f 9:21	1	0	36	f 10:26	0	1	6	f 11:31	0	0	7
Silver Hill	—	—	—	22	—	—	—	36	—	—	—	6	—	—	—	7
Hastings	—	—	—	22	—	—	—	36	—	—	—	6	—	—	—	7
Kendal Green	f 8:01	1	1	22	f 9:27	0	0	36	f 10:32	0	0	6	f 11:37	0	0	7
Brandeis/Roberts	f 8:02	13	2	33	f 9:29	3	1	38	f 10:34	2	1	7	f 11:39	0	0	7
Waltham	8:07	5	2	36	9:33	7	4	41	10:38	2	2	7	11:43	1	0	8
Waverley	—	—	—	36	f 9:38	0	2	39	—	—	—	7	—	—	—	8
Belmont	f 8:12	2	4	34	f 9:40	0	0	39	f 10:44	0	1	6	f 11:49	0	0	8
Porter Square	8:18	0	15	19	9:45	1	16	24	10:49	0	4	2	11:54	0	6	2
North Station	8:28	—	19	—	9:55	—	24	—	10:59	—	2	—	12:04 AM	—	2	—
Total Riders		44	44			54	54			13	13			9	9	
Maximum Load				36				41				7				8
Max. Load Point				Waltham				Waltham				Brandeis/Roberts				Waltham
N. Sta. Offs/Max. Load				52.8%				58.5%				28.6%				25.0%
Interzone Pct.				22.7%				25.9%				53.8%				11.1%

MBTA FITCHBURG LINE – INBOUND
WEEKDAY BOARDINGS, ALIGHTINGS, AND LOADS BY TRAIN AND STATION
Spring/Fall 2018 CTPS Commuter Rail Passenger Counts

SUMMARY BY TIME PERIOD

Station	AM Peak Trains 400–410		Midday Trains 412–418		PM Peak Trains 420–494		Evening Trains 424–432		All Day Trains 400–432	
	Ons	Offs	Ons	Offs	Ons	Offs	Ons	Offs	Ons	Offs
Wachusett	100	—	17	—	8	—	7	—	132	—
Fitchburg	181	5	48	0	23	0	35	1	287	6
North Leominster	181	3	32	1	4	0	19	3	236	7
Shirley	133	2	6	0	5	2	3	9	147	13
Ayer	198	11	27	7	9	9	10	3	244	30
Littleton/Rte 495	448	4	16	3	12	0	7	1	483	8
South Acton	880	5	41	1	37	0	17	1	975	7
West Concord	240	4	47	8	36	2	16	0	339	14
Concord	220	10	41	5	62	1	21	3	344	19
Lincoln	238	3	16	3	14	3	5	1	273	10
Silver Hill	11	0	—	—	—	—	—	—	11	0
Hastings	17	0	1	0	—	—	—	—	18	0
Kendal Green	78	14	10	0	8	2	1	1	97	17
Brandeis/Roberts	91	27	34	0	130	8	57	9	312	44
Waltham	383	52	32	18	28	13	15	8	458	91
Waverley	72	18	0	6	10	6	0	2	82	32
Belmont	94	22	3	1	9	12	4	11	110	46
Porter Square	207	1,267	4	103	24	175	2	73	237	1,618
North Station	—	2,325	—	219	—	186	—	93	—	2,823
Total Riders	3,772	3,772	375	375	419	419	219	219	4,785	4,785

INTERZONE PERCENT (Percent of Offs before Porter Square)

AM Peak	Midday	PM Peak	Evening	All Day
4.8%	14.1%	13.8%	24.2%	7.2%

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Station	Train 401				Train 491				Train 403				Train 405				Train 407			
	Scheduled Time (AM)	Ons	Offs	Load	Scheduled Time (AM)	Ons	Offs	Load	Scheduled Time (AM)	Ons	Offs	Load	Scheduled Time (AM)	Ons	Offs	Load	Scheduled Time (AM)	Ons	Offs	Load
North Station	6:25	7	—	7	6:45	2	—	2	7:43	69	—	69	8:45	74	—	74	10:00	31	—	31
Porter Square	6:35	3	7	3	6:55	17	1	18	7:53	95	12	152	8:55	69	10	133	10:10	10	0	41
Belmont	—	—	—	3	f 7:00	5	1	22	f 7:58	20	5	167	f 9:00	1	1	133	f 10:15	3	0	44
Waverley	—	—	—	3	f 7:02	1	1	22	f 8:00	5	2	170	f 9:02	2	7	128	f 10:17	4	0	48
Waltham	—	—	—	3	7:07	3	7	18	8:05	4	19	155	9:07	6	18	116	10:22	5	3	50
Brandeis/Roberts	—	—	—	3	f 7:10	2	13	7	f 8:09	15	50	120	f 9:10	11	81	46	f 10:25	0	14	36
Kendal Green	—	—	—	3	7:14	0	1	6	8:13	0	24	96	f 9:14	0	3	43	f 10:29	1	1	36
Hastings	—	—	—	3	—	—	—	6	—	—	—	96	—	—	—	43	—	—	—	36
Silver Hill	—	—	—	3	—	—	—	6	—	—	—	96	—	—	—	43	—	—	—	36
Lincoln	—	—	—	3	f 7:20	0	0	6	f 8:19	4	2	98	f 9:20	0	0	43	f 10:35	2	1	37
Concord	—	—	—	3	f 7:25	2	5	3	f 8:24	0	51	47	f 9:14	0	7	36	f 10:40	2	12	27
West Concord	—	—	—	3	f 7:29	2	1	4	f 8:29	0	13	34	f 9:14	0	17	19	f 10:44	0	5	22
South Acton	6:59	2	3	2	7:33	0	4	0	8:33	0	5	29	9:33	0	2	17	10:48	0	1	21
Littleton/Rte 495	7:06	0	0	2	7:40	—	0	—	8:41	1	4	26	9:40	0	1	16	10:55	0	5	16
Ayer	f 7:14	3	0	5	—	—	—	—	f 8:49	3	4	25	f 9:48	1	5	12	f 11:03	5	1	20
Shirley	f 7:19	1	1	5	—	—	—	—	f 8:54	0	12	13	f 9:53	1	0	13	f 11:08	0	0	20
North Leominster	7:28	0	2	3	—	—	—	—	9:04	0	3	10	10:02	0	4	9	f 10:44	0	4	16
Fitchburg	7:35	0	3	0	—	—	—	—	9:11	0	10	0	10:09	0	7	2	11:24	0	15	1
Wachusett	7:45	—	0	—	—	—	—	—	9:21	—	0	—	10:19	—	2	—	11:34	—	1	—
Total Riders		16	16			34	34			216	216			165	165			63	63	
Maximum Load				7				22				170				133				50
Max. Load Point				North Station				Belmont				Waverley				Porter Square				Waltham
N. Sta. Ons/Max. Load				100%				9.1%				40.6%				55.6%				62.0%
Interzone Pct.				37.5%				44.1%				24.1%				13.3%				34.9%

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“—” indicates train does not serve this station, or item not applicable
N. Sta. Ons/Max. Load = North Station boardings/maximum load on train

Interzone Pct. = Percent of ons after Porter Sq.

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Spring/Fall 2018 CTPS Commuter Rail Passenger Counts

Station	Train 409				Train 411				Train 413				Train 415				Train 493			
	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load
North Station	11:15	44	—	44	12:45	57	—	57	1:55	78	—	78	3:30	216	—	216	3:59	170	—	170
Porter Square	11:25	26	2	68	12:55	25	1	81	2:05	35	4	109	3:40	80	16	280	4:09	59	4	225
Belmont	f 11:30	1	0	69	f 1:00	0	2	79	f 2:10	3	3	109	3:45	4	4	280	4:14	1	13	213
Waverley	—	—	—	69	—	—	—	79	f 2:12	2	1	110	3:48	4	7	277	4:17	3	6	210
Waltham	11:36	3	2	70	1:06	1	8	72	2:17	8	18	100	3:53	4	31	250	4:22	1	29	182
Brandeis/Roberts	f 11:39	0	28	42	f 1:09	1	9	64	f 2:20	4	4	100	3:57	3	9	244	4:26	6	13	175
Kendal Green	f 11:43	0	2	40	f 1:13	0	2	62	f 2:24	0	3	97	4:01	0	5	239	4:30	7	10	172
Hastings	—	—	—	40	—	—	—	62	—	—	—	97	—	—	—	239	4:33	0	2	170
Silver Hill	—	—	—	40	—	—	—	62	—	—	—	97	—	—	—	239	—	—	—	170
Lincoln	f 11:49	0	2	38	f 1:19	2	4	60	f 2:30	3	9	91	4:07	0	15	224	4:39	0	25	145
Concord	f 11:54	3	8	33	f 1:24	0	11	49	f 2:35	2	19	74	4:12	5	19	210	4:44	0	45	100
West Concord	f 11:58	1	6	28	f 1:28	0	8	41	f 2:39	3	15	62	4:17	3	22	191	4:49	2	24	78
South Acton	12:02 PM	0	2	26	1:32	0	8	33	2:43	0	13	49	4:21	4	49	146	4:53	0	49	29
Littleton/Rte 495	12:09	0	0	26	1:39	0	5	28	2:50	0	14	35	4:28	2	12	136	5:00	—	29	
Ayer	f 12:17	3	8	21	f 1:47	0	6	22	f 2:58	3	8	30	4:36	4	42	98	—	—	—	—
Shirley	f 12:23	0	0	21	f 1:53	0	5	17	f 3:03	0	5	25	4:42	1	23	76	—	—	—	—
North Leominster	12:32	0	6	15	2:02	1	5	13	3:12	1	8	18	4:51	0	22	54	—	—	—	—
Fitchburg	12:41	0	10	5	2:09	0	11	2	3:21	0	14	4	4:58	0	38	16	—	—	—	—
Wachusett	12:51	—	5	—	2:19	—	2	—	3:31	—	4	—	5:08	—	16		—	—	—	—
Total Riders		81	81			87	87			142	142			330	330			249	249	
Maximum Load				70				81				110				280				225
Max. Load Point				Waltham				Porter Square				Waverley				Porter Square				Porter Square
N. Sta. Ons/Max. Load				62.9%				70.4%				70.9%				77.1%				75.6%
Interzone Pct.				13.6%				5.7%				20.4%				10.3%				8.0%

MBTA FITCHBURG LINE – OUTBOUND
WEEKDAY BOARDINGS, ALIGHTINGS, AND LOADS BY TRAIN AND STATION
Spring/Fall 2018 CTPS Commuter Rail Passenger Counts

Station	Train 417				Train 419				Train 421				Train 423				Train 425			
	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load
North Station	4:30	377	—	377	5:00	425	—	425	5:35	510	—	510	5:55	318	—	318	6:25	300	—	300
Porter Square	4:41	223	11	589	5:10	159	34	550	5:46	223	46	687	6:05	51	14	355	6:35	74	11	363
Belmont	—	—	—	589	5:15	3	34	519	—	—	—	687	6:10	6	35	326	6:43	1	12	352
Waverley	—	—	—	589	5:18	7	28	498	—	—	—	687	6:13	1	39	288	6:43	0	17	335
Waltham	—	—	—	589	5:23	14	81	431	5:55	3	105	585	6:18	3	55	236	6:48	3	73	265
Brandeis/Roberts	—	—	—	589	5:27	10	29	412	—	—	—	585	6:22	0	21	215	6:52	3	19	249
Kendal Green	—	—	—	589	5:31	2	29	385	—	—	—	585	6:26	1	10	206	6:56	0	22	227
Hastings	—	—	—	589	5:34	0	14	371	—	—	—	585	6:29	0	5	201	6:59	0	0	227
Silver Hill	—	—	—	589	—	—	—	371	—	—	—	585	f 6:31	0	1	200	f 7:01	0	0	227
Lincoln	—	—	—	589	5:40	0	60	311	6:06	1	53	533	6:36	0	23	177	7:06	1	31	197
Concord	—	—	—	589	5:45	2	52	261	6:11	3	36	500	6:41	1	23	155	7:11	2	33	166
West Concord	—	—	—	589	5:50	4	51	214	6:16	1	70	431	6:46	1	29	127	7:16	0	27	139
South Acton	5:07	0	179	410	5:54	3	76	141	6:21	1	224	208	6:50	1	54	74	7:20	1	48	92
Littleton/Rte 495	5:14	3	140	273	6:01	0	45	96	6:28	0	56	152	6:57	1	18	57	7:27	0	30	62
Ayer	5:22	3	77	199	6:09	4	28	72	6:36	0	27	125	7:05	0	17	40	7:35	1	14	49
Shirley	5:27	0	29	170	6:15	0	10	62	6:42	2	39	88	7:11	1	4	37	7:41	0	7	42
North Leominster	5:36	1	54	117	6:24	0	31	31	6:51	0	34	54	7:20	0	18	19	7:50	0	14	28
Fitchburg	5:43	0	70	47	6:31	0	22	9	7:00	0	35	19	7:27	0	15	4	7:59	0	18	10
Wachusett	5:53	—	47	—	6:41	—	9	—	7:10	—	19	—	7:37	—	4	—	8:09	—	10	—
Total Riders		607	607			633	633			744	744			385	385			386	386	
Maximum Load				589				550				687				355				363
Max. Load Point				Porter Square				Porter Square				Porter Square				Porter Square				Porter Square
N. Sta. Ons/Max. Load				64.0%				77.3%				74.2%				89.6%				82.6%
Interzone Pct.				1.2%				7.7%				1.5%				4.2%				3.1%

MBTA FITCHBURG LINE – OUTBOUND
WEEKDAY BOARDINGS, ALIGHTINGS, AND LOADS BY TRAIN AND STATION
Spring/Fall 2018 CTPS Commuter Rail Passenger Counts

Station	Train 427				Train 429				Train 431				Train 433			
	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (AM)	Ons	Offs	Load
North Station	7:15	140	—	140	8:45	75	—	75	10:40	37	—	37	12:10	13	—	13
Porter Square	7:25	39	4	175	8:55	26	0	101	10:50	12	3	46	12:20	5	0	18
Belmont	f 7:30	0	2	173	f 9:00	0	4	97	f 10:55	1	0	47	f 12:25	0	1	17
Waverley	f 7:32	3	6	170	f 9:02	1	4	94	f 10:57	0	0	47	f 12:27	0	1	16
Waltham	7:37	1	21	150	9:07	1	15	80	11:02	2	8	41	12:32	1	6	11
Brandeis/Roberts	f 7:40	0	7	143	f 9:10	2	0	82	f 11:05	0	0	41	f 12:35	0	0	11
Kendal Green	f 7:44	0	4	139	f 9:14	6	0	88	f 11:09	0	1	40	f 12:39	0	0	11
Hastings	f 7:47	0	3	136	—	—	—	88	—	—	—	40	—	—	—	11
Silver Hill	f 7:49	0	9	127	—	—	—	88	—	—	—	40	—	—	—	11
Lincoln	7:54	0	17	110	f 9:20	2	6	84	f 11:15	0	1	39	f 12:45	0	0	11
Concord	7:59	1	4	107	f 9:25	0	7	77	f 11:20	0	0	39	f 12:50	0	0	11
West Concord	8:03	0	8	99	f 9:29	0	16	61	f 11:24	1	5	35	f 12:54	2	1	12
South Acton	8:07	1	35	65	9:33	2	18	45	11:28	1	6	30	12:58	0	2	10
Littleton/Rte 495	8:14	0	15	50	9:40	0	11	34	11:35	0	1	29	1:05	0	0	10
Ayer	8:22	0	25	25	f 9:48	0	13	21	f 11:43	2	11	20	f 1:13	0	0	10
Shirley	8:27	1	8	18	f 9:53	1	4	18	f 11:48	0	4	16	f 1:18	0	0	10
North Leominster	8:36	0	7	11	10:02	0	8	10	11:57	0	8	8	1:27	0	5	5
Fitchburg	8:43	0	10	1	10:09	0	7	3	12:04 AM	0	6	2	1:34	0	5	0
Wachusett	8:53	—	1	—	10:19	—	3	—	12:14	—	2	—	1:44	—	0	—
Total Riders		186	186			116	116			56	56			21	21	
Maximum Load				175				101				47				18
Max. Load Point				Porter Square				Porter Square				Belmont				Porter Square
N. Sta. Ons/Max. Load				80.0%				74.3%				78.7%				72.2%
Interzone Pct.				3.8%				12.9%				12.5%				14.3%

MBTA FITCHBURG LINE – OUTBOUND
WEEKDAY BOARDINGS, ALIGHTINGS, AND LOADS BY TRAIN AND STATION
Spring/Fall 2018 CTPS Commuter Rail Passenger Counts

SUMMARY BY TIME PERIOD

Station	AM Peak Trains 401–405		Midday Trains 407–413		PM Peak Trains 415–425		Evening Trains 427–433		All Day Trains 401–433	
	Ons	Offs	Ons	Offs	Ons	Offs	Ons	Offs	Ons	Offs
North Station	152	—	210	—	2,316	—	265	—	2,943	—
Porter Square	184	30	96	7	869	136	82	7	1,231	180
Belmont	26	7	7	5	15	98	1	7	49	117
Waverley	8	10	6	1	15	97	4	11	33	119
Waltham	13	44	17	31	28	374	5	50	63	499
Brandeis/Roberts	28	144	5	55	22	91	2	7	57	297
Kendal Green	0	28	1	8	10	76	6	5	17	117
Hastings	—	—	—	—	0	21	0	3	0	24
Silver Hill	—	—	—	—	0	1	0	9	0	10
Lincoln	4	2	7	16	2	207	2	24	15	249
Concord	2	63	7	50	13	208	1	11	23	332
West Concord	2	31	4	34	11	223	3	30	20	318
South Acton	2	14	0	24	10	679	4	61	16	778
Littleton/Rte 495	1	5	0	24	6	330	0	27	7	386
Ayer	7	9	11	23	12	205	2	49	32	286
Shirley	2	13	0	10	4	112	2	16	8	151
North Leominster	0	9	2	23	1	173	0	28	3	233
Fitchburg	0	20	0	50	0	198	0	28	0	296
Wachusett	—	2	—	12	—	105	—	6	—	125
Total Riders	431	431	373	373	3,334	3,334	379	379	4,517	4,517

INTERZONE PERCENT (Percent of Ons after Porter Square)

AM Peak	Midday	PM Peak	Evening	All Day
22.0%	18.0%	4.5%	8.4%	7.6%

**MBTA FITCHBURG LINE
COMPARISONS OF BOARDINGS AND ALIGHTINGS BY STATION
IN CTPS 2018 AND 2012 WEEKDAY PASSENGER COUNTS**

Station	Inbound Change				Outbound Change			
	Boardings		Alightings		Boardings		Alightings	
	2018-2012	2018/2012	2018-2012	2018/2012	2018-2012	2018/2012	2018-2012	2018/2012
Wachusett	132	See Notes	Not Applicable		Not Applicable		125	See Notes
Fitchburg	0	1.00	6	See Notes	0	See Notes	-12	0.96
North Leominster	25	1.12	7	See Notes	1	1.50	44	1.23
Shirley	-7	0.95	1	1.08	-5	0.62	-5	0.97
Ayer	-5	0.98	-2	0.94	-3	0.91	44	1.18
Littleton/Rte 495	278	2.36	7	8.00	-2	0.78	161	1.72
South Acton	294	1.43	-1	0.88	8	2.00	165	1.27
West Concord	16	1.05	3	1.27	-3	0.87	-29	0.92
Concord	-21	0.94	-9	0.68	-2	0.92	-3	0.99
Lincoln	102	1.60	1	1.11	1	1.07	72	1.41
Silver Hill	4	1.57	-1	0.00	0	1.00	2	1.25
Hastings	-9	0.67	0	1.00	0	1.00	13	2.18
Kendal Green	9	1.10	12	3.40	1	1.06	-4	0.97
Brandeis/Roberts	-102	0.75	1	1.02	12	1.27	-167	0.64
Waltham	89	1.24	37	1.69	-16	0.80	122	1.32
Waverley	15	1.22	5	1.19	-1	0.97	24	1.25
Belmont	54	1.96	10	1.28	0	1.00	25	1.27
Porter Square	-44	0.84	75	1.05	-104	0.92	-29	0.86
North Station	Not Applicable		678	1.32	661	1.29	Not Applicable	
Total Riders	830	1.21	830	1.21	548	1.14	548	1.14

Notes: Wachusett Station opened in 2016, so there are no 2012 comparison numbers for this station or for inbound alightings or outbound boardings at Fitchburg Station, the former outer terminal
The 2012 counts for North Leominster showed no inbound alightings, so change from 2012 to 2018 cannot be expressed as a ratio