

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

Station	Train 200				Train 202				Train 204				Train 206				Train 286			
	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
Haverhill	5:05	17	—	17	5:40	19	—	19	6:10	27	—	27	6:40	95	—	95	—	—	—	—
Bradford	5:07	15	0	32	5:42	15	0	34	6:12	18	0	45	6:42	25	0	120	—	—	—	—
Lawrence	5:16	28	0	60	5:51	35	0	69	6:21	30	2	73	6:52	97	2	215	—	—	—	—
Andover	5:23	19	0	79	5:58	31	0	100	6:28	28	0	101	6:59	143	0	358	—	—	—	—
Ballardvale	5:29	8	2	85	6:04	12	0	112	6:34	17	1	117	7:04	73	2	429	—	—	—	—
North Wilmington	5:36	10	0	95	6:11	17	4	125	6:41	25	0	142	—	—	—	—	—	—	—	—
Reading	5:43	33	0	128	6:18	86	0	211	6:48	113	1	254	—	—	—	—	7:30	261	—	261
Wakefield	5:49	34	0	162	6:24	50	0	261	6:54	69	0	323	—	—	—	—	7:36	94	0	355
Greenwood	5:52	13	0	175	6:27	0	0	261	6:57	26	0	349	—	—	—	—	7:39	30	0	385
Melrose Highlands	5:54	48	1	222	6:29	22	0	283	6:59	45	0	394	—	—	—	—	7:41	77	0	462
Melrose/Cedar Park	5:56	9	0	231	6:31	5	0	288	7:01	9	0	403	—	—	—	—	7:43	49	0	511
Wyoming Hill	5:58	2	0	233	6:33	9	2	295	7:03	19	0	422	—	—	—	—	7:45	31	0	542
Malden Center	6:02	6	12	227	6:37	3	26	272	7:07	7	18	411	—	—	—	—	7:51	10	18	534
North Station	6:15	—	227	—	6:50	—	272	—	7:20	—	411	—	7:38	—	429	—	8:02	—	534	—
Total Riders		242	242			304	304			433	433			433	433			552	552	
Maximum Load				233				295				422				429				542
Max. Load Point				Wyoming Hill				Wyoming Hill				Wyoming Hill				Ballardvale				Wyoming Hill
N. Sta. Offs/Max. Load				97.4%				92.2%				97.4%				100%				98.5%
Interzone Pct.				1.2%				2.0%				0.9%				0.9%				0.0%

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 Malden

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

Station	Train 288				Train 208				Train 290				Train 210				Train 212			
	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
Haverhill	—	—	—	—	7:35	25	—	25	—	—	—	—	9:05	20	—	20	10:49	21	—	21
Bradford	—	—	—	—	7:37	67	0	92	—	—	—	—	f 9:07	8	0	28	f 10:52	3	0	24
Lawrence	—	—	—	—	7:46	108	3	197	—	—	—	—	9:15	22	1	49	10:59	22	1	45
Andover	—	—	—	—	7:53	104	1	300	—	—	—	—	f 9:22	16	2	63	f 11:06	10	4	51
Ballardvale	—	—	—	—	7:59	63	1	362	—	—	—	—	f 9:27	3	0	66	f 11:11	2	1	52
North Wilmington	—	—	—	—	Train 208 is routed via the Lowell Line south of Ballardvale.				—	—	—	—	f 9:34	5	0	71	f 11:18	0	0	52
Reading	8:00	177	—	177	Ons and offs at stations on that line are shown only in the Lowell Line tables				8:30	105	—	105	9:41	16	1	86	11:25	9	0	61
Wakefield	8:06	110	0	287					8:36	63	0	168	f 9:46	12	0	98	f 11:30	9	0	70
Greenwood	8:09	0	0	287					8:39	0	0	168	f 9:49	6	0	104	f 11:33	1	0	71
Melrose Highlands	8:11	72	0	359					8:41	29	0	197	f 9:51	3	0	107	f 11:35	1	1	71
Melrose/Cedar Park	8:13	11	0	370					8:43	9	2	204	f 9:53	2	1	108	f 11:37	0	0	71
Wyoming Hill	8:15	29	0	399					8:45	20	0	224	f 9:55	1	1	108	f 11:39	0	1	70
Malden Center	8:19	7	10	396					8:49	9	5	228	9:58	0	4	104	11:43	1	5	66
North Station	8:30	—	396	—	8:38	—	362	—	9:00	—	228	—	10:10	—	104	—	11:55	—	66	—
Total Riders		406	406			367	367			235	235			114	114			79	79	
Maximum Load				399	Incl. LO Line	675	675					228				108				71
Max. Load Point				Wyoming Hill								Malden Center				Melrose/Cedar Park				Melrose/Cedar Park
N. Sta. Offs/Max. Load				99.2%								100%				96.3%				93.0%
Interzone Pct.				0.0%								0.9%				5.3%				10.1%

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

Station	Train 214				Train 216				Train 218				Train 292				Train 220			
	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
Haverhill	12:05	5	—	5	1:50	6	—	6	3:25	17	—	17	—	—	—	—	4:47	16	—	16
Bradford	f 12:07	6	0	11	2:00	2	0	8	f 3:27	7	0	24	—	—	—	—	f 4:49	0	0	16
Lawrence	12:15	19	2	28	2:10	12	4	16	3:35	17	4	37	—	—	—	—	4:57	19	2	33
Andover	f 12:22	6	0	34	f 2:17	10	0	26	f 3:42	7	0	44	—	—	—	—	f 5:04	7	0	40
Ballardvale	f 12:27	2	0	36	f 2:22	2	0	28	f 3:47	1	0	45	—	—	—	—	f 5:09	9	0	49
North Wilmington	f 12:34	0	0	36	f 2:29	0	0	28	—	—	—	—	—	—	—	—	—	—	—	—
Reading	12:41	6	2	40	2:36	5	0	33	—	—	—	—	4:50	8	—	8	—	—	—	—
Wakefield	f 12:44	2	0	42	f 2:41	4	0	37	—	—	—	—	f 4:55	9	0	17	—	—	—	—
Greenwood	f 12:49	1	0	43	f 2:44	0	0	37	—	—	—	—	f 4:58	0	0	17	—	—	—	—
Melrose Highlands	f 12:51	1	1	43	f 2:46	2	0	39	—	—	—	—	f 5:00	0	0	17	—	—	—	—
Melrose/Cedar Park	f 12:53	2	0	45	f 2:48	0	0	39	—	—	—	—	f 5:01	1	0	18	—	—	—	—
Wyoming Hill	f 12:55	2	0	47	f 2:50	0	0	39	—	—	—	—	f 5:03	1	0	19	—	—	—	—
Malden Center	12:58	0	5	42	2:54	1	2	38	—	—	—	—	5:06	1	4	16	—	—	—	—
North Station	1:10	—	42	—	3:06	—	38	—	4:23	—	45	—	5:17	—	16	—	5:45	—	49	—
Total Riders		52	52			44	44			49	49			20	20			51	51	
Maximum Load				47				39				45				19				49
Max. Load Point				Wyoming Hill				Melrose Highlands				Ballardvale				Wyoming Hill				Ballardvale
N. Sta. Offs/Max. Load				89.4%				97.4%				100%				84.2%				100%
Interzone Pct.				9.6%				9.1%				8.2%				0.0%				3.9%

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

Station	Train 294				Train 296				Train 222				Train 298				Train 224			
	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
Haverhill	—	—	—	—	—	—	—	—	6:09	14	—	14	—	—	—	—	7:45	3	—	3
Bradford	—	—	—	—	—	—	—	—	6:19	1	0	15	—	—	—	—	f 7:47	2	0	5
Lawrence	—	—	—	—	—	—	—	—	6:39	20	0	35	—	—	—	—	7:55	14	1	18
Andover	—	—	—	—	—	—	—	—	f 6:46	6	3	38	—	—	—	—	f 8:02	2	3	17
Ballardvale	—	—	—	—	—	—	—	—	f 6:51	1	1	38	—	—	—	—	f 8:07	4	2	19
North Wilmington	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Reading	5:38	6	—	6	6:55	15	—	15	—	—	—	—	8:07	1	—	1	—	—	—	—
Wakefield	f 5:43	10	0	16	f 7:00	4	0	19	—	—	—	—	f 8:12	1	0	2	—	—	—	—
Greenwood	f 5:46	1	2	15	f 7:03	1	0	20	—	—	—	—	f 8:15	0	0	2	—	—	—	—
Melrose Highlands	f 5:48	0	0	15	f 7:05	1	0	21	—	—	—	—	f 8:17	2	0	4	—	—	—	—
Melrose/Cedar Park	f 5:49	0	0	15	f 7:06	1	0	22	—	—	—	—	f 8:18	0	0	4	—	—	—	—
Wyoming Hill	f 5:51	0	0	15	f 7:08	2	0	24	—	—	—	—	f 8:20	0	0	4	—	—	—	—
Malden Center	5:54	0	0	15	7:11	0	0	24	—	—	—	—	8:23	1	1	4	—	—	—	—
North Station	6:05	—	15	—	7:22	—	24	—	7:25	—	38	—	8:34	—	4	—	8:38	—	19	—
Total Riders		17	17			24	24			42	42			5	5			25	25	
Maximum Load				16				24				38				4				19
Max. Load Point				Wakefield				Wyoming Hill				Andover				Melrose Highlands				Ballardvale
N. Sta. Offs/Max. Load				93.8%				100%				100%				100%				100%
Interzone Pct.				11.8%				0.0%				9.5%				0.0%				24.0%

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

Station	Train 226				Train 228			
	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load
Haverhill	9:10	3	—	3	10:50	2	—	2
Bradford	f 9:12	0	0	3	f 10:52	1	0	3
Lawrence	9:20	8	0	11	11:00	4	1	6
Andover	f 9:27	4	0	15	f 11:07	3	0	9
Ballardvale	f 9:32	0	0	15	f 11:12	0	0	9
North Wilmington	f 9:39	0	0	15	f 11:19	0	1	8
Reading	9:46	1	0	16	11:26	0	0	8
Wakefield	f 9:51	1	1	16	f 11:31	0	0	8
Greenwood	f 9:54	2	0	18	f 11:34	1	1	8
Melrose Highlands	f 9:56	0	0	18	f 11:36	0	0	8
Melrose/Cedar Park	f 9:58	0	0	18	f 11:38	0	0	8
Wyoming Hill	f 10:00	0	1	17	f 11:40	0	0	8
Malden Center	10:03	0	4	13	11:43	0	2	6
North Station	10:15	—	13	—	11:55	—	6	—
Total Riders		19	19			11	11	
Maximum Load				18				9
Max. Load Point				Greenwood				Ballardvale
N. Sta. Offs/Max. Load				72.2%				66.7%
Interzone Pct.				10.5%				27.3%

MBTA HAVERHILL LINE – INBOUND
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Spring/Fall 2018 CTPS Commuter Rail Passenger Counts

Station	AM Peak Trains 200–290		Midday Trains 210–216		PM Peak Trains 218–294		Evening Trains 296–228		All Day Trains 200–228	
	Ons	Offs	Ons	Offs	Ons	Offs	Ons	Offs	Ons	Offs
Haverhill	183	—	52	—	33	—	22	—	290	
Bradford	140	0	19	0	7	0	4	0	170	0
Lawrence	298	7	75	8	36	6	46	2	455	23
Andover	325	1	42	6	14	0	15	6	396	13
Ballardvale	173	6	9	1	10	0	5	3	197	10
North Wilmington	52	4	5	0	—	—	0	1	57	5
Reading	775	1	36	3	14	—	17	0	842	4
Wakefield	420	0	27	0	19	0	6	1	472	1
Greenwood	69	0	8	0	1	2	4	1	82	3
Melrose Highlands	293	1	7	2	0	0	3	0	303	3
Melrose/Cedar Park	92	2	4	1	1	0	1	0	98	3
Wyoming Hill	110	2	3	2	1	0	2	1	116	5
Malden Center	42	89	2	16	1	4	1	7	46	116
North Station	—	2,859	—	250	—	125	—	104	—	3,338
Total Riders	2,972	2,972	289	289	137	137	126	126	3,524	3,524

INTERZONE PERCENT (Percent of Offs before Malden Center)

AM Peak	Midday	PM Peak	Evening	All Day
0.8%	8.0%	5.8%	11.9%	2.0%

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

Station	Train 285				Train 287				Train 201				Train 289				Train 203			
	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	6:43	10	—	10	7:10	9	—	9	7:35	45	—	45	7:55	2	—	2	9:20	10	—	10
Malden Center	f 6:54	0	0	10	f 7:21	0	0	9	f 7:45	4	0	49	—	—	—	—	f 9:31	7	2	15
Wyoming Hill	f 6:57	0	0	10	f 7:24	0	0	9	f 7:48	1	0	50	—	—	—	—	f 9:34	1	0	16
Melrose Cedar Park	f 6:59	0	7	3	f 7:26	0	6	3	f 7:50	1	0	51	—	—	—	—	f 9:36	0	0	16
Melrose Highlands	f 7:02	0	0	3	f 7:29	0	1	2	f 7:53	0	1	50	—	—	—	—	f 9:39	0	0	16
Greenwood	f 7:05	0	0	3	f 7:32	0	0	2	f 7:56	0	1	49	—	—	—	—	f 9:42	0	0	16
Wakefield	f 7:09	0	0	3	f 7:36	0	1	1	f 8:00	1	4	46	—	—	—	—	f 9:46	0	1	15
Reading	7:15	—	3	—	7:42	—	1	—	8:06	1	5	42	8:17	—	2	—	9:52	0	2	13
North Wilmington	—	—	—	—	—	—	—	—	8:12	0	0	42	—	—	—	—	f 9:58	0	1	12
Ballardvale	—	—	—	—	—	—	—	—	8:19	0	7	35	—	—	—	—	f 10:05	0	2	10
Andover	—	—	—	—	—	—	—	—	8:24	1	12	24	—	—	—	—	f 10:10	0	7	3
Lawrence	—	—	—	—	—	—	—	—	8:31	1	15	10	—	—	—	—	10:17	3	2	4
Bradford	—	—	—	—	—	—	—	—	8:40	0	1	9	—	—	—	—	10:26	0	0	4
Haverhill	—	—	—	—	—	—	—	—	8:42	—	9	—	—	—	—	—	10:28	—	4	—
Total Riders		10	10			9	9			55	55			2	2			21	21	
Maximum Load				10				9				51				2				16
Max. Load Point				North Station				North Station				Melrose Cedar Park				North Station				Wyoming Hill
N. Sta. Ons/Max. Load				100%				100%				88.2%				100%				62.5%
Interzone Pct.				0.0%				0.0%				10.9%				0.0%				19.0%

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. Ons/Max. Load = North Station boardings/maximum load on train

Interzone Pct. = Percent of offs
before Makden

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

Station	Train 205				Train 207				Train 209				Train 211				Train 291			
	Scheduled Time (AM)	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	10:30	31	—	31	12:20	53	—	53	1:44	105	—	105	3:15	180	—	180	3:50	147	—	147
Malden Center	f 10:41	1	0	32	f 12:31	1	1	53	f 1:55	4	1	108	3:26	10	4	186	4:01	6	3	150
Wyoming Hill	f 10:44	0	0	32	f 12:34	1	1	53	f 1:58	0	5	103	3:30	3	12	177	4:05	0	10	140
Melrose Cedar Park	f 10:46	0	2	30	f 12:36	0	0	53	f 2:00	0	2	101	3:32	0	6	171	4:07	0	16	124
Melrose Highlands	f 10:49	1	1	30	f 12:39	0	4	49	f 2:03	1	6	96	3:36	1	14	158	4:11	0	24	100
Greenwood	f 10:52	0	0	30	f 12:42	0	2	47	f 2:06	0	5	91	3:39	10	10	158	4:14	0	8	92
Wakefield	f 10:54	0	2	28	f 12:46	0	5	42	f 2:10	0	18	73	3:43	4	9	153	4:18	0	41	51
Reading	11:02	1	3	26	12:52	1	4	39	2:16	1	12	62	3:49	3	20	136	4:24	—	51	—
North Wilmington	f 11:08	0	1	25	f 12:58	0	0	39	f 2:22	0	1	61	3:56	0	7	129	—	—	—	—
Ballardvale	f 11:16	0	0	25	f 1:05	0	0	39	f 2:30	0	6	55	4:03	0	16	113	—	—	—	—
Andover	f 11:21	0	5	20	f 1:10	1	4	36	f 2:35	0	15	40	4:09	1	27	87	—	—	—	—
Lawrence	11:28	3	7	16	1:17	2	12	26	2:42	3	19	24	4:15	2	32	57	—	—	—	—
Bradford	11:38	0	0	16	1:37	0	7	19	2:54	0	9	15	4:24	0	16	41	—	—	—	—
Haverhill	11:40	—	16	—	1:47	—	19	—	2:56	—	15	—	4:27	—	41	—	—	—	—	—
Total Riders		37	37			59	59			114	114			214	214			153	153	
Maximum Load				32				53				108				186				150
Max. Load Point				Malden Center				North Station				Malden Center				Malden Center				Malden Center
N. Sta. Ons/Max. Load				96.9%				100%				97.2%				96.8%				98.0%
Interzone Pct.				13.5%				8.5%				4.4%				11.2%				0.0%

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

Station	Train 213				Train 293				Train 215				Train 217				Train 295			
	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	522	—	522	4:48	226	—	226	5:15	517	—	517	5:35	514	—	514	6:05	250	—	250
Malden Center	4:41	14	2	534	4:59	3	8	221	5:26	14	15	516	5:46	11	10	515	6:16	4	9	245
Wyoming Hill	4:45	2	0	536	5:03	1	10	212	—	—	—	516	5:50	1	70	446	6:20	4	1	248
Melrose Cedar Park	4:47	0	11	525	5:05	0	11	201	—	—	—	516	5:52	0	25	421	6:22	0	24	224
Melrose Highlands	4:51	0	29	496	5:09	0	44	157	—	—	—	516	5:56	0	54	367	6:26	0	40	184
Greenwood	4:54	0	16	480	5:12	0	22	135	—	—	—	516	5:59	0	52	315	6:29	0	25	159
Wakefield	4:58	4	55	429	5:16	1	39	97	5:36	0	77	439	6:03	0	60	255	6:33	0	65	94
Reading	5:04	1	88	342	5:22	—	97	—	5:42	1	112	328	6:09	2	102	155	6:39	—	94	—
North Wilmington	5:11	1	25	318	—	—	—	—	5:49	0	18	310	6:16	0	10	145	—	—	—	—
Ballardvale	5:18	1	50	269	—	—	—	—	5:56	0	53	257	6:23	0	40	105	—	—	—	—
Andover	5:24	3	51	221	—	—	—	—	6:02	0	76	181	6:29	1	32	74	—	—	—	—
Lawrence	5:30	3	126	98	—	—	—	—	6:08	1	86	96	6:35	0	29	45	—	—	—	—
Bradford	5:50	0	45	53	—	—	—	—	6:18	0	45	51	6:45	0	17	28	—	—	—	—
Haverhill	6:00	—	53	—	—	—	—	—	6:21	—	51	—	6:48	—	28	—	—	—	—	—
Total Riders		551	551			231	231			533	533			529	529			258	258	
Maximum Load				536				226				517				515				250
Max. Load Point				Wyoming Hill				North Station				North Station				Malden Center				North Station
N. Sta. Ons/Max. Load				97.4%				100%				100%				99.8%				100%
Interzone Pct.				2.7%				0.9%				0.4%				0.8%				1.6%

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

Station	Train 219				Train 221				Train 297				Train 223				Train 225			
	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	6:25	344	—	344	6:55	86	—	0	7:20	88	—	88	7:40	122	—	122	9:20	83	—	83
Malden Center	6:36	5	6	343	Train 221 is routed via the Lowell Line south of Ballardvale. Ons and offs at stations on that line are shown only in the Lowell Line tables				f 7:31	3	2	89	f 7:51	9	2	129	f 9:31	4	0	87
Wyoming Hill	6:40	7	0	350					f 7:34	0	10	79	f 7:54	1	8	122	f 9:34	0	1	86
Melrose Cedar Park	6:42	0	14	336					f 7:36	0	8	71	f 7:56	0	6	116	f 9:36	0	4	82
Melrose Highlands	6:46	0	19	317					f 7:39	0	11	60	f 7:59	0	7	109	f 9:39	0	3	79
Greenwood	6:49	0	16	301					f 7:42	0	2	58	f 8:02	0	9	100	f 9:42	0	5	74
Wakefield	6:53	1	32	270	—	—	—	86	f 7:46	0	21	37	f 8:06	0	11	89	f 9:46	0	8	66
Reading	6:59	0	64	206	—	—	—	86	7:52	—	37	—	8:12	0	16	73	9:52	2	11	57
North Wilmington	7:06	0	15	191	—	—	—	86	—	—	—	—	f 8:18	0	5	68	f 9:58	0	0	57
Ballardvale	7:13	0	25	166	7:35	2	15	73	—	—	—	—	f 8:25	0	14	54	f 10:05	0	7	50
Andover	7:19	3	59	110	7:41	1	24	50	—	—	—	—	f 8:30	1	14	41	f 10:10	1	15	36
Lawrence	7:25	1	44	67	7:47	0	32	18	—	—	—	—	8:37	7	16	32	10:17	0	24	12
Bradford	7:35	0	38	29	8:07	0	8	10	—	—	—	—	8:46	0	13	19	10:26	0	3	9
Haverhill	7:38	—	29	—	8:17	—	10	—	—	—	—	—	8:48	—	19	—	10:28	—	9	—
Total Riders		361	361			89	89			91	91			140	140			90	90	
Maximum Load				350	Incl. LO Line	237	237					89				129				87
Max. Load Point				Wyoming Hill								Malden Center				Malden Center				Malden Center
N. Sta. Ons/Max. Load				98.3%								98.9%				94.6%				95.4%
Interzone Pct.				3.3%								0.0%				6.4%				3.3%

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

Station	Train 227				Train 229			
	Scheduled Time (PM)	Ons	Offs	Load	Scheduled Time (PM)	Ons	Offs	Load
North Station	11:00	24	—	24	12:10	15	—	15
Malden Center	f 11:11	0	1	23	f 12:21	1	1	15
Wyoming Hill	f 11:14	0	1	22	f 12:24	0	1	14
Melrose Cedar Park	f 11:16	0	2	20	f 12:26	0	0	14
Melrose Highlands	f 11:19	0	1	19	f 12:29	0	2	12
Greenwood	f 11:22	0	1	18	f 12:32	0	1	11
Wakefield	f 11:26	0	1	17	f 12:36	0	0	11
Reading	11:32	0	3	14	12:42	0	1	10
North Wilmington	f 11:38	0	0	14	f 12:48	0	2	8
Ballardvale	f 11:45	0	1	13	f 12:55	0	0	8
Andover	f 11:50	0	2	11	f 1:00	0	0	8
Lawrence	11:57	1	7	5	1:07	0	5	3
Bradford	12:06	0	1	4	1:16	0	2	1
Haverhill	12:08	—	4	—	1:18	—	1	—
Total Riders		25	25			16	16	
Maximum Load				24				15
Max. Load Point				North Station				North Station
N. Sta. Ons/Max. Load				100%				100%
Interzone Pct.				4.0%				0.0%

MBTA HAVERHILL 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 285–289		Midday Trains 203–211		PM Peak Trains 291–221		Evening Trains 297–229		All Day Trains 285–229	
	Ons	Offs	Ons	Offs	Ons	Offs	Ons	Offs	Ons	Offs
North Station	66	—	379	—	2,606	—	332	—	3,383	—
Malden Center	4	0	23	8	57	53	17	6	101	67
Wyoming Hill	1	0	5	18	15	91	1	21	22	130
Melrose Cedar Park	1	13	0	10	0	101	0	20	1	144
Melrose Highlands	0	2	3	25	0	210	0	24	3	261
Greenwood	0	1	10	17	0	139	0	18	10	175
Wakefield	1	5	4	35	6	369	0	41	11	450
Reading	1	11	6	41	4	608	2	68	13	728
North Wilmington	0	0	0	10	1	68	0	7	1	85
Ballardvale	0	7	0	24	3	183	0	22	3	236
Andover	1	12	2	58	8	242	2	31	13	343
Lawrence	1	15	13	72	5	317	8	52	27	456
Bradford	0	1	0	32	0	153	0	19	0	205
Haverhill	—	9	—	95	—	171	—	33	—	308
Total Riders	76	76	445	445	2,705	2,705	362	362	3,588	3,588

INTERZONE PERCENT (Percent of Ons after Malden Center)

AM Peak	Midday	PM Peak	Evening	All Day
7.9%	9.7%	1.6%	3.6%	2.9%

**MBTA HAVERHILL 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
Haverhill	-96	0.75	Not Applicable		Not Applicable		-28	0.92
Bradford	-36	0.83	0	1.00	-3	0.00	8	1.04
Lawrence	-81	0.85	-3	0.88	1	1.04	-81	0.85
Andover	42	1.12	-4	0.76	-2	0.87	-9	0.97
Ballardvale	51	1.35	3	1.43	-3	0.50	59	1.33
North Wilmington	-7	0.89	2	1.67	-4	0.20	5	1.06
Reading	45	1.06	-7	0.36	-3	0.81	-4	0.99
Wakefield	-12	0.98	-9	0.10	-1	0.92	-50	0.90
Greenwood	-44	0.65	2	3.00	8	5.00	29	1.20
Melrose Highlands	125	1.70	1	1.50	0	1.00	69	1.36
Melrose/Cedar Park	-37	0.73	-1	0.75	-5	0.17	15	1.12
Wyoming Hill	55	1.90	4	5.00	17	4.40	32	1.33
Malden Center	30	2.88	-66	0.64	15	1.17	41	2.58
North Station	Not Applicable		113	1.04	66	1.02	Not Applicable	
Total Riders	35	1.01	35	1.01	86	1.02	86	1.02