

ROUTE 1 NORTH

I-93 (Charles River), Boston, to Lowell Street, Peabody



ROUTE 1 NORTH: Northbound
I-93 (Charles River), Boston, to Lowell St, Peabody

A.M. Peak Period: SPEEDS

Spring 2005–Fall 2005

Segment Endpoint	Segment Length (miles)	6:00 to 6:30	6:30 to 7:00	7:00 to 7:30	7:30 to 8:00	8:00 to 8:30	8:30 to 9:00	9:00 to 9:30	9:30 to 10:00	Peak Period Average
I-93/Charles River, Boston										
I-93/Rte 1 split, Boston	.54	43	43	43	43	43	43	43	43	43
City Square on-ramp, Boston	.72	43	43	43	43	43	43	43	43	43
Chelsea off-ramp, Chelsea	1.38	45	45	45	45	45	45	45	45	45
Rte 16 on-ramp, Revere	2.03	51	51	49	49	49	51	53	55	51
Sargeant St off-ramp, Revere	1.22	55	55	55	55	55	57	59	61	57
Rte 60 on-ramp, Revere	.98	55	55	55	55	55	57	57	57	56
Lynn St off-ramp, Revere	.26	51	51	51	51	51	53	53	53	52
Route 99 on-ramp, Saugus	1.47	49	49	49	49	49	51	51	51	50
Essex St WB on-ramp, Saugus	.32	49	49	49	49	49	51	53	53	50
Main St on-ramp, Saugus	.49	49	49	49	49	49	51	53	53	50
Lynn Fells Pkwy on-ramp, Saugus	1.21	49	49	49	49	49	53	55	55	51
Walnut St on-ramp, Saugus	.51	51	51	51	51	51	55	57	57	53
Route 129 on-ramp, Saugus	2.18	51	51	51	51	51	53	53	53	52
U-Turn traffic signal, Lynnfield	.93	47	47	47	47	47	47	47	47	47
Rte 128 on-ramp, Peabody	.48	41	41	41	41	41	41	41	41	41
I-95 off-ramp, Peabody	.36	45	45	45	45	45	45	45	45	45
Lowell St off-ramp, Peabody	.48	51	51	51	51	51	51	51	51	51
Sum/Averages	15.56	49	49	48	48	48	50	51	51	49

Speeds in miles per hour

ROUTE 1 NORTH: Northbound
I-93 (Charles River), Boston, to Lowell St, Peabody

A.M. Peak Period: TRAVEL TIMES

Spring 2005–Fall 2005

Segment Endpoint	Segment Length (miles)	6:00 to 6:30	6:30 to 7:00	7:00 to 7:30	7:30 to 8:00	8:00 to 8:30	8:30 to 9:00	9:00 to 9:30	9:30 to 10:00	Peak Period Average
I-93/Charles River, Boston										
I-93/Rte 1 split, Boston	.54	:45	:45	:45	:45	:45	:45	:45	:45	:45
City Square on-ramp, Boston	.72	1:00	1:00	1:00	1:00	1:00	1:00	1:00	1:00	1:00
Chelsea off-ramp, Chelsea	1.38	1:50	1:50	1:50	1:50	1:50	1:50	1:50	1:50	1:50
Rte 16 on-ramp, Revere	2.03	2:23	2:23	2:29	2:29	2:29	2:23	2:18	2:13	2:24
Sargeant St off-ramp, Revere	1.22	1:20	1:20	1:20	1:20	1:20	1:17	1:14	1:12	1:18
Rte 60 on-ramp, Revere	.98	1:04	1:04	1:04	1:04	1:04	1:02	1:02	1:02	1:03
Lynn St off-ramp, Revere	.26	:18	:18	:18	:18	:18	:18	:18	:18	:18
Route 99 on-ramp, Saugus	1.47	1:48	1:48	1:48	1:48	1:48	1:44	1:44	1:44	1:46
Essex St WB on-ramp, Saugus	.32	:24	:24	:24	:24	:24	:23	:22	:22	:23
Main St on-ramp, Saugus	.49	:36	:36	:36	:36	:36	:35	:33	:33	:35
Lynn Fells Pkwy on-ramp, Saugus	1.21	1:29	1:29	1:29	1:29	1:29	1:22	1:19	1:19	1:26
Walnut St on-ramp, Saugus	.51	:36	:36	:36	:36	:36	:33	:32	:32	:35
Route 129 on-ramp, Saugus	2.18	2:34	2:34	2:34	2:34	2:34	2:28	2:28	2:28	2:32
U-Turn traffic signal, Lynnfield	.93	1:11	1:11	1:11	1:11	1:11	1:11	1:11	1:11	1:11
Rte 128 on-ramp, Peabody	.48	:42	:42	:42	:42	:42	:42	:42	:42	:42
I-95 off-ramp, Peabody	.36	:29	:29	:29	:29	:29	:29	:29	:29	:29
Lowell St off-ramp, Peabody	.48	:34	:34	:34	:34	:34	:34	:34	:34	:34
Sum/Averages	15.56	19:04	19:04	19:10	19:10	19:10	18:36	18:22	18:15	18:51

Travel times in minutes and seconds

ROUTE 1 NORTH: Northbound
I-93 (Charles River), Boston, to Lowell St, Peabody

P.M. Peak Period: SPEEDS

Spring 2005–Fall 2005

Segment Endpoint	Segment Length (miles)	3:00 to 3:30	3:30 to 4:00	4:00 to 4:30	4:30 to 5:00	5:00 to 5:30	5:30 to 6:00	6:00 to 6:30	6:30 to 7:00	Peak Period Average
I-93/Charles River, Boston										
I-93/Rte 1 split, Boston	.54	35	33	31	31	31	31	33	35	33
City Square on-ramp, Boston	.72	35	27	25	25	25	25	31	33	28
Chelsea off-ramp, Chelsea	1.38	29	23	21	21	21	21	25	29	24
Rte 16 on-ramp, Revere	2.03	51	51	51	51	51	51	51	51	51
Sargeant St off-ramp, Revere	1.22	55	55	55	55	55	55	55	55	55
Rte 60 on-ramp, Revere	.98	33	31	29	25	25	25	29	33	29
Lynn St off-ramp, Revere	.26	27	19	19	19	19	19	19	27	21
Route 99 on-ramp, Saugus	1.47	45	45	45	43	43	43	45	45	44
Essex St WB on-ramp, Saugus	.32	43	43	43	39	39	39	41	45	42
Main St on-ramp, Saugus	.49	45	45	45	39	37	37	39	45	42
Lynn Fells Pkwy on-ramp, Saugus	1.21	45	45	45	35	33	33	37	43	40
Walnut St on-ramp, Saugus	.51	43	43	43	31	31	31	35	41	37
Route 129 on-ramp, Saugus	2.18	41	39	35	27	27	27	31	37	33
U-Turn traffic signal, Lynnfield	.93	27	25	25	25	25	25	29	31	27
Rte 128 on-ramp, Peabody	.48	31	31	31	31	31	31	31	31	31
I-95 off-ramp, Peabody	.36	45	45	45	45	45	45	45	45	45
Lowell St off-ramp, Peabody	.48	51	51	51	51	51	49	49	51	51
Sum/Averages	15.56	40	38	38	35	35	35	37	40	37

Speeds in miles per hour

ROUTE 1 NORTH: Northbound
I-93 (Charles River), Boston, to Lowell St, Peabody

P.M. Peak Period: TRAVEL TIMES

Spring 2005–Fall 2005

Segment Endpoint	Segment Length (miles)	3:00 to 3:30	3:30 to 4:00	4:00 to 4:30	4:30 to 5:00	5:00 to 5:30	5:30 to 6:00	6:00 to 6:30	6:30 to 7:00	Peak Period Average
I-93/Charles River, Boston										
I-93/Rte 1 split, Boston	.54	:56	:59	1:03	1:03	1:03	1:03	:59	:56	1:00
City Square on-ramp, Boston	.72	1:14	1:36	1:44	1:44	1:44	1:44	1:24	1:19	1:33
Chelsea off-ramp, Chelsea	1.38	2:51	3:36	3:57	3:57	3:57	3:57	3:19	2:51	3:33
Rte 16 on-ramp, Revere	2.03	2:23	2:23	2:23	2:23	2:23	2:23	2:23	2:23	2:23
Sargeant St off-ramp, Revere	1.22	1:20	1:20	1:20	1:20	1:20	1:20	1:20	1:20	1:20
Rte 60 on-ramp, Revere	.98	1:47	1:54	2:02	2:21	2:21	2:21	2:02	1:47	2:04
Lynn St off-ramp, Revere	.26	:35	:49	:49	:49	:49	:49	:49	:35	:46
Route 99 on-ramp, Saugus	1.47	1:58	1:58	1:58	2:03	2:03	2:03	1:58	1:58	2:00
Essex St WB on-ramp, Saugus	.32	:27	:27	:27	:30	:30	:30	:28	:26	:28
Main St on-ramp, Saugus	.49	:39	:39	:39	:45	:48	:48	:45	:39	:43
Lynn Fells Pkwy on-ramp, Saugus	1.21	1:37	1:37	1:37	2:04	2:12	2:12	1:58	1:41	1:52
Walnut St on-ramp, Saugus	.51	:43	:43	:43	:59	:59	:59	:52	:45	:50
Route 129 on-ramp, Saugus	2.18	3:11	3:21	3:44	4:51	4:51	4:51	4:13	3:32	4:04
U-Turn traffic signal, Lynnfield	.93	2:04	2:14	2:14	2:14	2:14	2:14	1:55	1:48	2:07
Rte 128 on-ramp, Peabody	.48	:56	:56	:56	:56	:56	:56	:56	:56	:56
I-95 off-ramp, Peabody	.36	:29	:29	:29	:29	:29	:29	:29	:29	:29
Lowell St off-ramp, Peabody	.48	:34	:34	:34	:34	:34	:35	:35	:34	:34
Sum/Averages	15.56	23:43	25:34	26:37	29:01	29:11	29:12	26:25	23:57	26:42

Travel times in minutes and seconds

ROUTE 1 NORTH: Southbound
Lowell St, Peabody, to I-93/Route 1 merge, Boston

A.M. Peak Period: SPEEDS

Spring 2005–Fall 2005

Segment Endpoint	Segment Length (miles)	6:00 to 6:30	6:30 to 7:00	7:00 to 7:30	7:30 to 8:00	8:00 to 8:30	8:30 to 9:00	9:00 to 9:30	9:30 to 10:00	Peak Period Average
Lowell St on-ramp, Peabody										
I-95 on-ramp, Peabody	.58	45	39	35	35	37	41	45	45	40
U-Turn traffic signal, Lynnfield	.79	35	31	27	27	29	33	35	35	32
Route 129 on-ramp, Lynnfield	1.32	45	39	29	27	31	41	43	49	38
Walnut St on-ramp, Saugus	1.84	55	49	41	27	31	45	47	51	43
Lynn Fells Pkwy on-ramp, Saugus	.50	55	49	41	27	31	41	43	49	42
Main St EB on-ramp, Saugus	1.26	55	49	37	25	25	37	41	47	40
Essex St on-ramp, Saugus	.53	55	45	25	21	21	33	37	45	35
Rte 99 South, Saugus	.20	55	35	21	17	17	29	33	45	32
Lynn St off/on-ramp, Revere	1.34	49	43	41	41	41	43	45	49	44
Rte 60 off-ramp, Revere	.38	49	45	45	45	45	45	47	51	47
Sargent St on-ramp, Revere	.39	53	49	49	49	49	49	51	55	51
Rte 16 West off-ramp, Revere	1.62	59	57	57	57	57	57	59	61	58
Carter St on-ramp, Chelsea	1.07	55	53	53	53	53	53	53	55	54
Everett Ave on-ramp, Chelsea	1.08	51	41	37	33	25	25	31	41	36
Tobin Bridge toll booths, Boston	.47	35	25	11	11	11	11	15	21	18
I-93 North exit, Boston	.70	31	31	31	31	31	31	31	31	31
I-93/Rte 1 merge, Boston	.84	41	41	41	41	41	41	41	41	41
Sum/Averages	14.91	48	42	37	33	34	39	41	45	40

Speeds in miles per hour

ROUTE 1 NORTH: Southbound
 Lowell St, Peabody, to I-93/Route 1 merge, Boston

A.M. Peak Period: TRAVEL TIMES

Spring 2005–Fall 2005

Segment Endpoint	Segment Length (miles)	6:00 to 6:30	6:30 to 7:00	7:00 to 7:30	7:30 to 8:00	8:00 to 8:30	8:30 to 9:00	9:00 to 9:30	9:30 to 10:00	Peak Period Average
Lowell St on-ramp, Peabody										
I-95 on-ramp, Peabody	.58	:46	:54	1:00	1:00	:56	:51	:46	:46	:52
U-Turn traffic signal, Lynnfield	.79	1:21	1:32	1:45	1:45	1:38	1:26	1:21	1:21	1:31
Route 129 on-ramp, Lynnfield	1.32	1:46	2:02	2:44	2:56	2:33	1:56	1:51	1:37	2:10
Walnut St on-ramp, Saugus	1.84	2:00	2:15	2:42	4:05	3:34	2:27	2:21	2:10	2:42
Lynn Fells Pkwy on-ramp, Saugus	.50	:33	:37	:44	1:07	:58	:44	:42	:37	:45
Main St EB on-ramp, Saugus	1.26	1:22	1:33	2:03	3:01	3:01	2:03	1:51	1:37	2:04
Essex St on-ramp, Saugus	.53	:35	:42	1:16	1:31	1:31	:58	:52	:42	1:01
Rte 99 South, Saugus	.20	:13	:21	:34	:42	:42	:25	:22	:16	:27
Lynn St off/on-ramp, Revere	1.34	1:38	1:52	1:58	1:58	1:58	1:52	1:47	1:38	1:50
Rte 60 off-ramp, Revere	.38	:28	:30	:30	:30	:30	:30	:29	:27	:29
Sargent St on-ramp, Revere	.39	:26	:29	:29	:29	:29	:29	:28	:26	:28
Rte 16 West off-ramp, Revere	1.62	1:39	1:42	1:42	1:42	1:42	1:42	1:39	1:36	1:41
Carter St on-ramp, Chelsea	1.07	1:10	1:13	1:13	1:13	1:13	1:13	1:13	1:10	1:12
Everett Ave on-ramp, Chelsea	1.08	1:16	1:35	1:45	1:58	2:36	2:36	2:05	1:35	1:56
Tobin Bridge toll booths, Boston	.47	:48	1:08	2:34	2:34	2:34	2:34	1:53	1:21	1:56
I-93 North exit, Boston	.70	1:21	1:21	1:21	1:21	1:21	1:21	1:21	1:21	1:21
I-93/Rte 1 merge, Boston	.84	1:14	1:14	1:14	1:14	1:14	1:14	1:14	1:14	1:14
Sum/Averages	14.91	18:38	20:58	25:33	29:06	28:30	24:20	22:14	19:53	23:39

Travel times in minutes and seconds

ROUTE 1 NORTH: Southbound
Lowell St, Peabody, to I-93 North exit, Boston

P.M. Peak Period: SPEEDS

Spring 2005–Fall 2005

Segment Endpoint	Segment Length (miles)	3:00 to 3:30	3:30 to 4:00	4:00 to 4:30	4:30 to 5:00	5:00 to 5:30	5:30 to 6:00	6:00 to 6:30	6:30 to 7:00	Peak Period Average
Lowell St on-ramp, Peabody										
I-95 on-ramp, Peabody	.58	43	41	41	41	41	41	43	43	42
U-Turn traffic signal, Lynnfield	.79	37	35	35	35	35	35	37	37	36
Route 129 on-ramp, Lynnfield	1.32	47	45	45	45	45	45	47	47	46
Walnut St on-ramp, Saugus	1.84	53	51	51	51	51	51	53	55	52
Lynn Fells Pkwy on-ramp, Saugus	.50	51	49	49	49	49	49	49	51	50
Main St EB on-ramp, Saugus	1.26	53	51	51	51	51	51	51	53	52
Essex St on-ramp, Saugus	.53	51	49	49	49	49	49	49	51	50
Rte 99 South, Saugus	.20	51	49	49	49	49	49	49	51	50
Lynn St off/on-ramp, Revere	1.34	51	49	49	49	49	49	49	51	50
Rte 60 off-ramp, Revere	.38	47	45	45	45	45	45	45	47	46
Sargent St on-ramp, Revere	.39	49	47	47	47	47	47	47	49	48
Rte 16 West off-ramp, Revere	1.62	59	57	57	57	57	57	57	59	58
Carter St on-ramp, Chelsea	1.07	55	53	53	53	53	53	53	55	54
Everett Ave on-ramp, Chelsea	1.08	53	53	53	53	53	53	53	53	53
Tobin Bridge toll booths, Boston	.47	41	41	41	41	41	41	41	41	41
I-93 North exit, Boston	.70	33	33	33	33	33	33	33	33	33
Sum/Averages	14.07	48	47	47	47	47	47	47	49	47

Speeds in miles per hour

ROUTE 1 NORTH: Southbound
 Lowell St, Peabody, to I-93 North exit, Boston

P.M. Peak Period: TRAVEL TIMES

Spring 2005–Fall 2005

Segment Endpoint	Segment Length (miles)	3:00 to 3:30	3:30 to 4:00	4:00 to 4:30	4:30 to 5:00	5:00 to 5:30	5:30 to 6:00	6:00 to 6:30	6:30 to 7:00	Peak Period Average
Lowell St on-ramp, Peabody										
I-95 on-ramp, Peabody	.58	:49	:51	:51	:51	:51	:51	:49	:49	:50
U-Turn traffic signal, Lynnfield	.79	1:17	1:21	1:21	1:21	1:21	1:21	1:17	1:17	1:20
Route 129 on-ramp, Lynnfield	1.32	1:41	1:46	1:46	1:46	1:46	1:46	1:41	1:41	1:44
Walnut St on-ramp, Saugus	1.84	2:05	2:10	2:10	2:10	2:10	2:10	2:05	2:00	2:07
Lynn Fells Pkwy on-ramp, Saugus	.50	:35	:37	:37	:37	:37	:37	:37	:35	:36
Main St EB on-ramp, Saugus	1.26	1:26	1:29	1:29	1:29	1:29	1:29	1:29	1:26	1:28
Essex St on-ramp, Saugus	.53	:37	:39	:39	:39	:39	:39	:39	:37	:39
Rte 99 South, Saugus	.20	:14	:15	:15	:15	:15	:15	:15	:14	:15
Lynn St off/on-ramp, Revere	1.34	1:35	1:38	1:38	1:38	1:38	1:38	1:38	1:35	1:37
Rte 60 off-ramp, Revere	.38	:29	:30	:30	:30	:30	:30	:30	:29	:30
Sargent St on-ramp, Revere	.39	:29	:30	:30	:30	:30	:30	:30	:29	:30
Rte 16 West off-ramp, Revere	1.62	1:39	1:42	1:42	1:42	1:42	1:42	1:42	1:39	1:41
Carter St on-ramp, Chelsea	1.07	1:10	1:13	1:13	1:13	1:13	1:13	1:13	1:10	1:12
Everett Ave on-ramp, Chelsea	1.08	1:13	1:13	1:13	1:13	1:13	1:13	1:13	1:13	1:13
Tobin Bridge toll booths, Boston	.47	:41	:41	:41	:41	:41	:41	:41	:41	:41
I-93 North exit, Boston	.70	1:16	1:16	1:16	1:16	1:16	1:16	1:16	1:16	1:16
Sum/Averages	14.07	17:16	17:52	17:52	17:52	17:52	17:52	17:36	17:12	17:40

Travel times in minutes and seconds