

**MEMORANDUM****TO: Transportation Planning and  
Programming Committee****February 29, 2008****FROM: Alicia Wilson****RE: 2006 Alewife License Plate Data Rematching with 2008 RMV Database****BACKGROUND**

License plate data collected for the Alewife Phase I study<sup>1</sup> at 10 locations on November 15, 2006, was initially matched with 2003 Registry of Motor Vehicles (RMV) database to determine the community in which each vehicle was garaged. The plates of 56% of total vehicles were matched with the 2003 database, with match rates by location ranging from a low of 50% to a high of 61%. (Unmatchable plates such as those of police, fire, and out-of-state vehicles were not included in the match rates.) A few TPPC members questioned the validity of the results given the age of the RMV database and requested that the data be rematched when new RMV database were received.

CTPS received the 2008 RMV database in February 2008. The plates of 81.8% of total vehicles were matched with this database, with match rates by location ranging from a low of 74.3% to a high of 86.4%. The older database produced fewer matches because, during the intervening years, people moved and registered their vehicles in different communities, and new vehicles were registered.

**ANALYSIS AND RESULTS**

Initially, the margin of error for the 95% confidence level was used for the origin data. This means that for any location, the estimate of the proportion of vehicles originating in any given community falls within the range of plus or minus the margin of error 95% of the time. For example, with the 2003 database, it was estimated that 13% of the vehicles observed traveling southbound on Alewife Brook Parkway at the Fresh Pond Rotary in Cambridge originated in Lexington, and the margin of error for this location is  $\pm 1.5\%$ . Then, 95% of the time, the proportion from Lexington would range between 11.5% and 14.5%. In other words, if this survey were conducted 100 times, 95 of those times the proportion of vehicles from Lexington would be within 1.5 points of the percentage found in this survey.

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<sup>1</sup> "Route 2/Route 16 (Alewife Brook Parkway) Eastbound: Traffic Patterns and Alewife Station Parking Garage Survey," CTPS memorandum, July 19, 2007.

The attached tables show, for each location, the percent of vehicles garaged in given communities from the 2003 database, the percent ranges to be expected with the margin of error, and the proportions calculated from the 2008 RMV database. Excluding the “Other Massachusetts” category, the tables contain a total of 267 entries. Only six (shaded in the tables) of the entries from the 2008 rematching fall outside the margin of error. Five of the six are only one half of one percent or less outside the expected values, and that degree of difference might be attributable to rounding.

## **CONCLUSION**

The analysis validates traditional statistical methods. Conclusions drawn from using the older RMV database are valid.

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**Origins of Vehicles Observed in the Alewife Station Garage**

2003 RMV Database			Range within Margin of Error		2008 RMV Database		
Community	Vehicles	Total	-1.8%	+1.8%	Community	Vehicles	Total
Lexington	358	14.4%	12.6%	16.2%	Lexington	378	15.2%
Arlington	325	13.1%	11.3%	14.9%	Arlington	342	13.7%
Out-of-State	166	6.7%	4.9%	8.5%	Out of State	166	6.7%
Acton	130	5.2%	3.4%	7.0%	Acton	123	4.9%
Waltham	127	5.1%	3.3%	6.9%	Waltham	158	6.3%
Concord	89	3.6%	1.8%	5.4%	Concord	93	3.7%
Bedford	72	2.9%	1.1%	4.7%	Bedford	74	3.0%
Belmont	69	2.7%	0.9%	4.5%	Belmont	73	2.9%
Billerica	55	2.2%	0.4%	4.0%	Billerica	57	2.3%
Boston	55	2.2%	0.4%	4.0%	Boston	40	1.6%
Burlington	48	1.9%	0.1%	3.7%	Burlington	57	2.3%
Maynard	45	1.8%	0.0%	3.6%	Maynard	42	1.7%
Westford	45	1.8%	0.0%	3.6%	Westford	44	1.8%
Chelmsford	43	1.7%	0.0%	3.5%	Chelmsford	33	1.3%
Leominster	41	1.6%	0.0%	3.4%	Leominster	33	1.3%
Sudbury	39	1.6%	0.0%	3.4%	Sudbury	47	1.9%
Littleton	38	1.5%	0.0%	3.3%	Littleton	41	1.6%
Medford	34	1.4%	0.0%	3.2%	Medford	24	1.0%
Boxborough	33	1.3%	0.0%	3.1%	Boxborough	33	1.3%
Watertown	31	1.2%	0.0%	3.0%	Watertown	21	0.8%
Woburn	31	1.2%	0.0%	3.0%	Woburn	44	1.8%
Cambridge	29	1.2%	0.0%	3.0%	Cambridge	16	0.7%
Lincoln	29	1.2%	0.0%	3.0%	Lincoln	40	1.6%
Winchester	29	1.2%	0.0%	3.0%	Winchester	27	1.1%
Somerville	27	1.1%	0.0%	2.9%	Somerville	13	0.5%
Carlisle	22	0.9%	0.0%	2.7%	Carlisle	26	1.0%
Lunenburg	22	0.9%	0.0%	2.7%	Lunenburg	16	0.7%
Framingham	21	0.8%	0.0%	2.6%	Framingham	8	0.3%
Wayland	21	0.8%	0.0%	2.6%	Wayland	21	0.8%
Fitchburg	17	0.7%	0.0%	2.5%	Fitchburg	28	1.1%
Groton	17	0.7%	0.0%	2.5%	Groton	16	0.7%
Harvard	17	0.7%	0.0%	2.5%	Harvard	12	0.5%
Stow	17	0.7%	0.0%	2.5%	Stow	17	0.7%
Natick	14	0.5%	0.0%	2.3%	Natick	9	0.4%
Townsend	14	0.5%	0.0%	2.3%	Townsend	13	0.5%
Lowell	12	0.5%	0.0%	2.3%	Lowell	17	0.7%
Newton	10	0.4%	0.0%	2.2%	Newton	13	0.5%
Shirley	10	0.4%	0.0%	2.2%	Shirley	10	0.4%
Winchendon	10	0.4%	0.0%	2.2%	Winchendon	5	0.2%
Other MA	283	11.3%					
<b>Total</b>	<b>2,494</b>	<b>100.0%</b>					

**Origins of Vehicles Observed at Location 1 (Winter Street at Concord Avenue, Belmont)**

2003 RMV Database			Range within Margin of Error		2008 RMV Database		
Community	Vehicles	Total	-3.1%	+3.1%	Community	Vehicles	Total
Lexington	127	17.2%	14.1%	20.3%	Lexington	137	18.5%
Arlington	58	7.8%	4.7%	10.9%	Arlington	52	7.1%
Burlington	48	6.5%	3.4%	9.6%	Burlington	43	5.8%
Woburn	43	5.8%	2.7%	8.9%	Woburn	41	5.5%
Belmont	36	4.9%	1.8%	8.0%	Belmont	39	5.2%
Out-of-State	34	4.6%	1.5%	7.7%	Out-of-State	34	4.6%
Watertown	28	3.8%	0.7%	6.9%	Watertown	19	2.6%
Bedford	23	3.1%	0.0%	6.2%	Bedford	19	2.6%
Billerica	21	2.9%	-0.2%	6.0%	Billerica	33	4.5%
Boston	20	2.7%	-0.4%	5.8%	Boston	7	0.9%
Wilmington	20	2.7%	-0.4%	5.8%	Wilmington	18	2.5%
Medford	18	2.5%	-0.6%	5.6%	Medford	10	1.4%
Acton	13	1.8%	-1.3%	4.9%	Acton	11	1.5%
Chelmsford	13	1.8%	-1.3%	4.9%	Chelmsford	15	2.0%
Somerville	13	1.8%	-1.3%	4.9%	Somerville	7	0.9%
Waltham	12	1.6%	-1.5%	4.7%	Waltham	9	1.2%
Other MA	213	28.7%					
<b>Total</b>	<b>741</b>	<b>100.0%</b>					

**Origins of Vehicles Observed at Location 2 (Park Avenue at Prospect Street Rotary, Cambridge)**

2003 RMV Database			Range within Margin of Error		2008 RMV Database		
Community	Vehicles	Total	-3.2%	+3.2%	Community	Vehicles	Total
Arlington	296	35.0%	31.8%	38.2%	Arlington	307	36.3%
Lexington	78	9.2%	6.0%	12.4%	Lexington	69	8.2%
Belmont	56	6.6%	3.4%	9.8%	Belmont	59	7.0%
Winchester	35	4.2%	1.0%	7.4%	Winchester	44	5.2%
Boston	26	3.1%	-0.1%	6.3%	Boston	11	1.3%
Woburn	20	2.4%	-0.8%	5.6%	Woburn	26	3.1%
Burlington	19	2.2%	-1.0%	5.4%	Burlington	23	2.8%
Newton	17	2.0%	-1.2%	5.2%	Newton	6	0.7%
Billerica	15	1.8%	-1.4%	5.0%	Billerica	12	1.5%
Cambridge	15	1.8%	-1.4%	5.0%	Cambridge	6	0.7%
Watertown	15	1.8%	-1.4%	5.0%	Watertown	4	0.5%
Out-of-State	14	1.7%	-1.5%	4.9%	Out-of-State	14	1.7%
Medford	13	1.5%	-1.7%	4.7%	Medford	11	1.3%
Somerville	13	1.5%	-1.7%	4.7%	Somerville	4	0.5%
Stoneham	11	1.3%	-1.9%	4.5%	Stoneham	10	1.1%
Other MA	202	23.9%					
<b>Total</b>	<b>846</b>	<b>100.0%</b>					

Origins of Vehicles Observed at Location 3 (Left Turns from Pleasant Street to Brighton Street, Belmont)

2003 RMV Database			Range within Margin of Error		2008 RMV Database		
Community	Vehicles	Total	-3.2%	+3.2%	Community	Vehicles	Total
Arlington	200	26.7%	23.5%	29.9%	Arlington	212	28.4%
Lexington	56	7.4%	4.2%	10.6%	Lexington	51	6.8%
Belmont	38	5.1%	1.9%	8.3%	Belmont	27	3.6%
Woburn	33	4.4%	1.2%	7.6%	Woburn	45	6.0%
Boston	26	3.5%	0.3%	6.7%	Boston	16	2.2%
Medford	26	3.5%	0.3%	6.7%	Medford	14	1.8%
Winchester	26	3.5%	0.3%	6.7%	Winchester	31	4.1%
Billerica	23	3.0%	-0.2%	6.2%	Billerica	20	2.7%
Out-of-State	19	2.5%	-0.7%	5.7%	Out-of-State	19	2.5%
Wilmington	16	2.1%	-1.1%	5.3%	Wilmington	10	1.3%
Cambridge	14	1.9%	-1.3%	5.1%	Cambridge	5	0.7%
Stoneham	14	1.9%	-1.3%	5.1%	Stoneham	7	1.0%
Chelmsford	12	1.6%	-1.6%	4.8%	Chelmsford	16	2.2%
Lowell	12	1.6%	-1.6%	4.8%	Lowell	10	1.3%
Burlington	10	1.4%	-1.8%	4.6%	Burlington	15	2.0%
Reading	10	1.4%	-1.8%	4.6%	Reading	10	1.3%
Tewksbury	10	1.4%	-1.8%	4.6%	Tewksbury	14	1.8%
Waltham	10	1.4%	-1.8%	4.6%	Waltham	7	1.0%
Other MA	194	25.9%					
<b>Total</b>	<b>749</b>	<b>100.0%</b>					

Origins of Vehicles Observed at Location 4 (Cross St. at Lake St., Belmont/Arlington Town Line)

2003 RMV Database			Range within Margin of Error		2008 RMV Database		
Community	Vehicles	Total	-3.1%	+3.1%	Community	Vehicles	Total
Arlington	215	29.7%	26.6%	32.8%	Arlington	246	33.9%
Medford	86	11.9%	8.8%	15.0%	Medford	79	10.9%
Belmont	54	7.5%	4.4%	10.6%	Belmont	46	6.4%
Somerville	41	5.6%	2.5%	8.7%	Somerville	29	4.0%
Boston	27	3.7%	0.6%	6.8%	Boston	10	1.4%
Cambridge	24	3.3%	0.2%	6.4%	Cambridge	23	3.1%
Lexington	22	3.0%	-0.1%	6.1%	Lexington	21	2.9%
Malden	20	2.8%	-0.3%	5.9%	Malden	18	2.4%
Out-of-State	16	2.2%	-0.9%	5.3%	Out-of-State	16	2.2%
Winchester	15	2.1%	-1.0%	5.2%	Winchester	10	1.4%
Melrose	12	1.6%	-1.5%	4.7%	Melrose	10	1.4%
Watertown	12	1.6%	-1.5%	4.7%	Watertown	14	1.9%
Billerica	10	1.4%	-1.7%	4.5%	Billerica	10	1.4%
Burlington	10	1.4%	-1.7%	4.5%	Burlington	8	1.0%
Other MA	160	22.1%					
<b>Total</b>	<b>725</b>	<b>100.0%</b>					

**Origins of Vehicles Observed at Location 5 (Alewife Brook Parkway at Fresh Pond Rotary, Cambridge)**

2003 RMV Database			Range within Margin of Error		2008 RMV Database		
Community	Vehicles	Total	-1.5%	+1.5%	Community	Vehicles	Total
Lexington	521	12.6%	11.1%	14.1%	Lexington	557	13.5%
Arlington	384	9.3%	7.8%	10.8%	Arlington	459	11.1%
Out-of-State	295	7.1%	5.6%	8.6%	Out-of-State	295	7.1%
Cambridge	235	5.7%	4.2%	7.2%	Cambridge	224	5.4%
Concord	228	5.5%	4.0%	7.0%	Concord	216	5.2%
Acton	184	4.4%	2.9%	5.9%	Acton	203	4.9%
Somerville	155	3.7%	2.2%	5.2%	Somerville	106	2.6%
Boston	142	3.4%	1.9%	4.9%	Boston	101	2.4%
Medford	127	3.1%	1.6%	4.6%	Medford	110	2.7%
Lincoln	120	2.9%	1.4%	4.4%	Lincoln	105	2.5%
Bedford	102	2.5%	1.0%	4.0%	Bedford	98	2.4%
Waltham	73	1.8%	0.3%	3.3%	Waltham	70	1.7%
Billerica	71	1.7%	0.2%	3.2%	Billerica	85	2.0%
Sudbury	66	1.6%	0.1%	3.1%	Sudbury	67	1.6%
Chelmsford	64	1.5%	0.0%	3.0%	Chelmsford	70	1.7%
Belmont	62	1.5%	0.0%	3.0%	Belmont	48	1.2%
Burlington	60	1.5%	0.0%	3.0%	Burlington	54	1.3%
Westford	60	1.5%	0.0%	3.0%	Westford	76	1.8%
Newton	47	1.1%	-0.4%	2.6%	Newton	25	0.6%
Winchester	47	1.1%	-0.4%	2.6%	Winchester	36	0.9%
Woburn	47	1.1%	-0.4%	2.6%	Woburn	57	1.4%
Carlisle	42	1.0%	-0.5%	2.5%	Carlisle	47	1.1%
Malden	42	1.0%	-0.5%	2.5%	Malden	47	1.1%
Maynard	40	1.0%	-0.5%	2.5%	Maynard	55	1.3%
Lowell	38	0.9%	-0.6%	2.4%	Lowell	52	1.3%
Littleton	36	0.9%	-0.6%	2.4%	Littleton	37	0.9%
Boxborough	35	0.8%	-0.7%	2.3%	Boxborough	39	1.0%
Leominster	31	0.7%	-0.8%	2.2%	Leominster	39	1.0%
Everett	27	0.7%	-0.8%	2.2%	Everett	24	0.6%
Watertown	27	0.7%	-0.8%	2.2%	Watertown	20	0.5%
Harvard	25	0.6%	-0.9%	2.1%	Harvard	25	0.6%
Groton	22	0.5%	-1.0%	2.0%	Groton	23	0.5%
Wayland	22	0.5%	-1.0%	2.0%	Wayland	21	0.5%
Unmatchable	21	0.5%	-1.0%	2.0%	Unmatchable	21	0.5%
Andover	20	0.5%	-1.0%	2.0%	Andover	13	0.3%
Brookline	20	0.5%	-1.0%	2.0%	Brookline	10	0.2%
Tewksbury	20	0.5%	-1.0%	2.0%	Tewksbury	19	0.5%
Tyngsborough	20	0.5%	-1.0%	2.0%	Tyngsborough	16	0.4%
Pepperell	18	0.4%	-1.1%	1.9%	Pepperell	13	0.3%
Revere	18	0.4%	-1.1%	1.9%	Revere	11	0.3%
Wakefield	18	0.4%	-1.1%	1.9%	Wakefield	14	0.3%
Reading	16	0.4%	-1.1%	1.9%	Reading	13	0.3%
Weston	16	0.4%	-1.1%	1.9%	Weston	13	0.3%
Ayer	15	0.4%	-1.1%	1.9%	Ayer	18	0.4%
Fitchburg	15	0.4%	-1.1%	1.9%	Fitchburg	21	0.5%
Marlborough	15	0.4%	-1.1%	1.9%	Marlborough	11	0.3%
North Reading	15	0.4%	-1.1%	1.9%	North Reading	12	0.3%
Quincy	15	0.4%	-1.1%	1.9%	Quincy	7	0.2%
Stoneham	15	0.4%	-1.1%	1.9%	Stoneham	16	0.4%

Origins of Vehicles Observed at Location 5 (Alewife Brook Pkwy. at Fresh Pond Rotary, Camb.), cont.

2003 RMV Database			Range within Margin of Error		2008 RMV Database		
Community	Vehicles	Total	-1.5%	+1.5%	Community	Vehicles	Total
Stow	15	0.4%	-1.1%	1.9%	Stow	16	0.4%
Framingham	13	0.3%	-1.2%	1.8%	Framingham	16	0.4%
Natick	13	0.3%	-1.2%	1.8%	Natick	11	0.3%
Dracut	11	0.3%	-1.2%	1.8%	Dracut	10	0.2%
Lancaster	11	0.3%	-1.2%	1.8%	Lancaster	8	0.2%
Lynn	11	0.3%	-1.2%	1.8%	Lynn	2	0.1%
Melrose	11	0.3%	-1.2%	1.8%	Melrose	24	0.6%
Shirley	11	0.3%	-1.2%	1.8%	Shirley	12	0.3%
Other MA	291	7.0%					
<b>Total</b>	<b>4,139</b>	<b>100.0%</b>					

Origins of Vehicles Observed at Location 6 (Concord Ave. at Fresh Pond Rotary, Cambridge)

2003 RMV Database			Range within Margin of Error		2008 RMV Database		
Community	Vehicles	Total	-2.7%	+2.7%	Community	Vehicles	Total
Belmont	300	22.0%	19.3%	24.7%	Belmont	354	25.9%
Cambridge	250	18.3%	15.6%	21.0%	Cambridge	243	17.8%
Arlington	122	9.0%	6.3%	11.7%	Arlington	106	7.8%
Watertown	91	6.6%	3.9%	9.3%	Watertown	87	6.4%
Lexington	80	5.8%	3.1%	8.5%	Lexington	95	6.9%
Somerville	65	4.7%	2.0%	7.4%	Somerville	42	3.1%
Boston	57	4.2%	1.5%	6.9%	Boston	37	2.7%
Waltham	46	3.4%	0.7%	6.1%	Waltham	46	3.4%
Out-of-State	33	2.4%	-0.3%	5.1%	Out-of-State	33	2.4%
Medford	28	2.0%	-0.7%	4.7%	Medford	17	1.3%
Newton	13	0.9%	-1.8%	3.6%	Newton	15	1.1%
Stoneham	13	0.9%	-1.8%	3.6%	Stoneham	7	0.5%
Winchester	13	0.9%	-1.8%	3.6%	Winchester	9	0.6%
Woburn	13	0.9%	-1.8%	3.6%	Woburn	14	1.0%
Burlington	11	0.8%	-1.9%	3.5%	Burlington	10	0.7%
Other MA	230	17%					
<b>Total</b>	<b>1,365</b>	<b>100.0%</b>					

**Origins of Vehicles Observed at Location 7 (Left Turns from Pleasant St. to Concord Ave., Belmont)**

2003 RMV Database			Range within Margin of Error		2008 RMV Database		
Community	Vehicles	Total	-2.5%	+2.5%	Community	Vehicles	Total
Arlington	272	21.0%	18.5%	23.5%	Arlington	257	19.8%
Belmont	263	20.3%	17.8%	22.8%	Belmont	295	22.8%
Lexington	201	15.5%	13.0%	18.0%	Lexington	218	16.8%
Cambridge	66	5.1%	2.6%	7.6%	Cambridge	48	3.7%
Boston	34	2.6%	0.1%	5.1%	Boston	21	1.6%
Waltham	34	2.6%	0.1%	5.1%	Waltham	33	2.6%
Out-of-State	28	2.2%	-0.3%	4.7%	Out-of-State	28	2.2%
Watertown	22	1.7%	-0.8%	4.2%	Watertown	15	1.1%
Winchester	22	1.7%	-0.8%	4.2%	Winchester	28	2.1%
Medford	20	1.5%	-1.0%	4.0%	Medford	19	1.4%
Newton	20	1.5%	-1.0%	4.0%	Newton	8	0.6%
Woburn	20	1.5%	-1.0%	4.0%	Woburn	25	1.9%
Bedford	16	1.2%	-1.3%	3.7%	Bedford	22	1.7%
Billerica	16	1.2%	-1.3%	3.7%	Billerica	17	1.3%
Burlington	16	1.2%	-1.3%	3.7%	Burlington	19	1.4%
Stoneham	16	1.2%	-1.3%	3.7%	Stoneham	12	0.9%
Acton	13	1.0%	-1.5%	3.5%	Acton	13	1.0%
Lincoln	11	0.8%	-1.7%	3.3%	Lincoln	11	0.8%
Somerville	11	0.8%	-1.7%	3.3%	Somerville	7	0.5%
Other MA	196	15.2%					
<b>Total</b>	<b>1,296</b>	<b>100.0%</b>					

**Origins of Vehicles Observed at Location 8 (Grove St. from Bright and Blanchard Sts.)**

2003 RMV Database			Range within Margin of Error		2008 RMV Database		
Community	Vehicles	Total	-2.3%	+2.3%	Community	Vehicles	Total
Arlington	305	20.4%	18.1%	22.7%	Arlington	302	20.2%
Belmont	287	19.2%	16.9%	21.5%	<b>Belmont</b>	<b>329</b>	<b>22.0%</b>
Lexington	188	12.6%	10.3%	14.9%	Lexington	180	12.1%
Cambridge	67	4.5%	2.2%	6.8%	Cambridge	66	4.4%
Boston	46	3.1%	0.8%	5.4%	Boston	23	1.5%
Medford	35	2.4%	0.1%	4.7%	Medford	35	2.3%
Woburn	35	2.4%	0.1%	4.7%	Woburn	40	2.7%
Out-of-State	33	2.2%	-0.1%	4.5%	Out-of-State	33	2.2%
Watertown	30	2.0%	-0.3%	4.3%	Watertown	31	2.1%
Newton	25	1.7%	-0.6%	4.0%	Newton	15	1.0%
Somerville	25	1.7%	-0.6%	4.0%	Somerville	16	1.1%
Winchester	25	1.7%	-0.6%	4.0%	Winchester	38	2.5%
Billerica	23	1.5%	-0.8%	3.8%	Billerica	24	1.6%
Bedford	21	1.4%	-0.9%	3.7%	Bedford	15	1.0%
Burlington	20	1.3%	-1.0%	3.6%	Burlington	23	1.5%
Acton	18	1.2%	-1.1%	3.5%	Acton	19	1.3%
Malden	16	1.1%	-1.2%	3.4%	Malden	13	0.9%
Chelmsford	14	0.9%	-1.4%	3.2%	Chelmsford	13	0.9%
Concord	14	0.9%	-1.4%	3.2%	Concord	13	0.9%
Waltham	12	0.8%	-1.5%	3.1%	Waltham	13	0.9%
Unmatchable	11	0.7%	-1.6%	3.0%	Unmatchable	11	0.7%
Tewksbury	11	0.7%	-1.6%	3.0%	Tewksbury	15	1.0%
Wakefield	11	0.7%	-1.6%	3.0%	Wakefield	8	0.5%
Other MA	223	14.9%					
<b>Total</b>	<b>1,496</b>	<b>100.0%</b>					



**Origins of Vehicles Observed at Location 9 (Eliot Bridge, Cambridge)**

2003 RMV Database			Range within Margin of Error		2008 RMV Database		
Community	Vehicles	Total	-1.2%	+1.2%	Community	Vehicles	Total
Belmont	706	12.2%	11.0%	13.4%	Belmont	793	13.7%
Cambridge	656	11.3%	10.1%	12.5%	Cambridge	720	12.4%
Arlington	543	9.4%	8.2%	10.6%	Arlington	518	8.9%
Lexington	512	8.8%	7.6%	10.0%	Lexington	571	9.9%
Watertown	503	8.7%	7.5%	9.9%	Watertown	524	9.0%
Boston	397	6.9%	5.7%	8.1%	Boston	306	5.3%
Waltham	231	4.0%	2.8%	5.2%	Waltham	238	4.1%
Out-of-State	200	3.5%	2.3%	4.7%	Out-of-State	200	3.5%
Concord	180	3.1%	1.9%	4.3%	Concord	168	2.9%
Somerville	157	2.7%	1.5%	3.9%	Somerville	122	2.1%
Newton	145	2.5%	1.3%	3.7%	Newton	107	1.9%
Acton	131	2.3%	1.1%	3.5%	Acton	152	2.6%
Medford	88	1.5%	0.3%	2.7%	Medford	68	1.2%
Bedford	79	1.4%	0.2%	2.6%	Bedford	74	1.3%
Lincoln	62	1.1%	-0.1%	2.3%	Lincoln	63	1.1%
Brookline	55	0.9%	-0.3%	2.1%	Brookline	35	0.6%
Winchester	48	0.8%	-0.4%	2.0%	Winchester	52	0.9%
Burlington	44	0.8%	-0.4%	2.0%	Burlington	39	0.7%
Billerica	41	0.7%	-0.5%	1.9%	Billerica	61	1.0%
Carlisle	37	0.6%	-0.6%	1.8%	Carlisle	36	0.6%
Leominster	37	0.6%	-0.6%	1.8%	Leominster	37	0.6%
Woburn	37	0.6%	-0.6%	1.8%	Woburn	41	0.7%
Chelmsford	35	0.6%	-0.6%	1.8%	Chelmsford	43	0.7%
Malden	32	0.5%	-0.7%	1.7%	Malden	27	0.5%
Westford	32	0.5%	-0.7%	1.7%	Westford	49	0.8%
Littleton	28	0.5%	-0.7%	1.7%	Littleton	23	0.4%
Quincy	28	0.5%	-0.7%	1.7%	Quincy	21	0.4%
Sudbury	26	0.5%	-0.7%	1.7%	Sudbury	21	0.4%
Everett	19	0.3%	-0.9%	1.5%	Everett	18	0.3%
Harvard	19	0.3%	-0.9%	1.5%	Harvard	24	0.4%
Lowell	19	0.3%	-0.9%	1.5%	Lowell	26	0.5%
Maynard	19	0.3%	-0.9%	1.5%	Maynard	23	0.4%
Wellesley	19	0.3%	-0.9%	1.5%	Wellesley	18	0.3%
Weston	19	0.3%	-0.9%	1.5%	Weston	21	0.4%
Melrose	18	0.3%	-0.9%	1.5%	Melrose	13	0.2%
Boxborough	16	0.3%	-0.9%	1.5%	Boxborough	17	0.3%
Fitchburg	16	0.3%	-0.9%	1.5%	Fitchburg	19	0.3%
Framingham	16	0.3%	-0.9%	1.5%	Framingham	14	0.2%
Groton	16	0.3%	-0.9%	1.5%	Groton	18	0.3%
Milton	14	0.20%	-1.0%	1.4%	Milton	12	0.2%
Tewksbury	14	0.2%	-1.0%	1.4%	Tewksbury	11	0.2%
Wayland	14	0.2%	-1.0%	1.4%	Wayland	14	0.2%
Ayer	12	0.2%	-1.0%	1.4%	Ayer	11	0.2%
Natick	12	0.2%	-1.0%	1.4%	Natick	8	0.1%
Needham	12	0.2%	-1.0%	1.4%	Needham	6	0.1%
Pepperell	12	0.2%	-1.0%	1.4%	Pepperell	11	0.2%
Stoneham	12	0.2%	-1.0%	1.4%	Stoneham	13	0.2%
Andover	11	0.2%	-1.0%	1.4%	Andover	10	0.2%
Lynn	11	0.2%	-1.0%	1.4%	Lynn	7	0.1%
Wakefield	11	0.2%	-1.0%	1.4%	Wakefield	8	0.1%

Origins of Vehicles Observed at Location 9 (Eliot Bridge, Cambridge), cont.

2003 RMV Database			Range within Margin of Error		2008 RMV Database		
Community	Vehicles	Total	-1.2%	+1.2%	Community	Vehicles	Total
Walpole	11	0.2%	-1.0%	1.4%	Walpole	6	0.1%
Other MA	381	6.6%					
<b>Total</b>	<b>5,792</b>	<b>100%</b>					