

Appendix:
Calculation of Minority and Nonminority
Impacts of the Removal of MBTA Bus
Routes 1 and CT1 Using the MTOI
Method

**Calculation of Minority and Nonminority Impacts of
the Removal of MBTA Bus Routes 1 and CT1 Using the MTOI Method**

Census Tract	Minority Population	Nonminority Population	Existing MTOI	MTOI with Routes 1 and CT1 Removed	Change in MTOI	Minority Impact	Nonminority Impact
000100	1,746	2,508	243	231	-4.7%	-83	-119
000201	1,126	2,728	139	139	0.0%	0	0
000202	1,515	2,370	247	247	0.0%	0	0
000301	690	2,050	184	184	0.0%	0	0
000302	847	2,295	282	277	-1.7%	-14	-38
000401	1,583	4,089	1,019	974	-4.4%	-70	-181
000402	914	2,734	664	643	-3.1%	-28	-84
000502	1,584	4,719	1,472	1,404	-4.6%	-73	-218
000503	472	1,739	2,397	2,284	-4.7%	-22	-82
000504	1,123	3,862	2,117	2,014	-4.9%	-55	-188
000601	1,091	2,480	575	562	-2.4%	-26	-58
000602	1,837	2,137	1,922	1,859	-3.3%	-60	-70
000701	1,396	3,050	1,220	1,158	-5.1%	-71	-155
000703	1,083	1,708	2,561	2,466	-3.7%	-41	-64
000704	1,928	2,873	2,186	2,091	-4.3%	-84	-125
000802	3,844	4,292	1,319	1,261	-4.4%	-168	-188
000803	2,649	3,935	1,101	1,055	-4.1%	-110	-163
010103	1,995	2,574	4,918	4,803	-2.3%	-46	-60
010104	1,664	3,140	6,067	5,485	-9.6%	-159	-301
010203	1,964	3,605	3,872	3,797	-1.9%	-38	-69
010204	1,039	2,134	5,267	4,942	-6.2%	-64	-132
010300	1,480	3,381	3,825	3,711	-3.0%	-44	-101
010403	1,317	1,686	10,147	9,789	-3.5%	-46	-59
010404	1,749	4,068	9,857	9,585	-2.8%	-48	-112
010405	1,755	3,767	6,963	6,827	-2.0%	-34	-74
010500	1,074	1,970	8,002	7,450	-6.9%	-74	-136
010600	699	2,159	10,755	10,226	-4.9%	-34	-106
010701	469	2,009	8,509	8,044	-5.5%	-26	-110
010702	320	2,080	9,850	9,191	-6.7%	-21	-139
010801	447	2,336	8,128	7,579	-6.8%	-30	-158
010802	517	2,542	6,684	5,930	-11.3%	-58	-287
020101	411	3,782	5,628	5,203	-7.5%	-31	-285
020200	610	3,039	4,912	4,614	-6.1%	-37	-184
020301	620	1,403	4,098	3,869	-5.6%	-35	-78
020302	170	1,011	5,994	5,317	-11.3%	-19	-114
020303	1,353	2,047	5,357	5,069	-5.4%	-73	-110
030100	136	1,818	5,668	5,401	-4.7%	-6	-86
030200	142	1,523	5,886	5,614	-4.6%	-7	-70
030300	884	3,988	4,545	4,056	-10.8%	-95	-429
030400	198	2,253	5,862	5,580	-4.8%	-10	-108
030500	244	2,294	3,245	3,095	-4.6%	-11	-106
040100	116	2,052	898	877	-2.3%	-3	-47
040300	713	3,169	734	717	-2.3%	-16	-73
040401	437	2,002	2,205	2,154	-2.3%	-10	-46
040600	209	2,235	1,596	1,561	-2.2%	-5	-49

Census Tract	Minority Population	Nonminority Population	Existing MTOI	MTOI with Routes 1 and CT1 Removed	Change in MTOI	Minority Impact	Nonminority Impact
050101	3,687	1,428	771	771	0.0%	0	0
050200	3,878	1,353	1,603	1,603	0.0%	0	0
050300	1,601	650	1,783	1,783	0.0%	0	0
050400	1,437	935	1,735	1,735	0.0%	0	0
050500	1,147	710	1,684	1,684	0.0%	0	0
050600	1,540	523	1,760	1,760	0.0%	0	0
050700	3,279	1,225	1,567	1,567	0.0%	0	0
050901	2,950	1,215	1,323	1,323	0.0%	0	0
051000	1,873	2,216	689	689	0.0%	0	0
051101	2,904	3,189	1,318	1,318	0.0%	0	0
051200	1,030	1,349	920	920	0.0%	0	0
060600	318	2,039	158	145	-8.1%	-26	-166
060700	1,539	354	2,817	2,754	-2.2%	-35	-8
060800	387	3,577	1,218	1,194	-1.9%	-8	-70
061000	1,814	1,284	1,973	1,934	-1.9%	-35	-25
061101	1,783	449	3,055	2,996	-1.9%	-35	-9
061200	497	2,743	2,232	2,182	-2.2%	-11	-62
070101	2,378	3,524	4,742	4,177	-11.9%	-283	-420
070200	3,469	1,749	7,649	6,955	-9.1%	-315	-159
070300	926	2,983	9,465	8,873	-6.3%	-58	-187
070402	1,613	110	6,190	5,939	-4.1%	-65	-4
070500	2,498	2,962	4,017	3,839	-4.4%	-111	-132
070600	402	1,838	5,183	4,913	-5.2%	-21	-96
070700	1,074	1,287	8,016	7,632	-4.8%	-51	-62
070800	1,399	2,307	3,793	3,488	-8.0%	-113	-186
070900	1,847	1,482	6,134	4,998	-18.5%	-342	-274
071101	1,916	1,837	2,566	1,714	-33.2%	-636	-610
071201	1,913	1,218	1,512	1,466	-3.0%	-58	-37
080100	2,834	516	379	160	-57.7%	-1,634	-298
080300	1,686	83	820	641	-21.8%	-368	-18
080401	2,510	200	2,882	2,209	-23.4%	-586	-47
080500	2,863	233	3,510	2,932	-16.5%	-472	-38
080601	2,125	2,146	3,652	3,292	-9.9%	-210	-212
080801	2,627	1,258	5,456	5,298	-2.9%	-76	-36
080900	1,407	2,601	4,556	4,349	-4.5%	-64	-118
081001	2,710	2,180	3,570	3,359	-5.9%	-160	-129
081100	2,138	1,953	2,662	2,520	-5.3%	-114	-104
081200	2,872	393	2,622	2,505	-4.4%	-127	-17
081300	4,461	299	1,953	1,875	-4.0%	-179	-12
081400	2,318	685	1,974	1,897	-3.9%	-90	-27
081500	1,957	177	858	822	-4.2%	-82	-7
081700	3,746	74	362	328	-9.5%	-354	-7
081800	2,820	78	668	623	-6.8%	-191	-5
081900	3,047	68	310	292	-5.7%	-175	-4
082000	2,763	52	881	817	-7.3%	-201	-4
082100	4,963	62	873	841	-3.7%	-183	-2
090100	4,485	86	817	784	-3.9%	-176	-3
090200	2,193	40	674	635	-5.8%	-127	-2

Census Tract	Minority Population	Nonminority Population	Existing MTOI	MTOI with Routes 1 and CT1 Removed	Change in MTOI	Minority Impact	Nonminority Impact
090300	3,132	47	22	20	-8.9%	-280	-4
090400	3,570	89	135	118	-12.0%	-429	-11
090600	2,255	93	346	303	-12.4%	-281	-12
090700	1,678	2,597	1,708	1,679	-1.7%	-28	-44
090901	2,330	1,400	769	756	-1.7%	-39	-23
091001	1,143	1,599	1,120	1,102	-1.6%	-18	-26
091100	2,601	2,260	1,310	1,291	-1.5%	-39	-34
091200	2,253	981	253	235	-7.2%	-162	-71
091300	2,334	165	287	253	-11.8%	-277	-20
091400	2,545	196	207	182	-12.1%	-307	-24
091500	3,963	407	244	226	-7.3%	-288	-30
091600	2,753	385	341	336	-1.5%	-42	-6
091700	2,869	200	751	742	-1.2%	-35	-2
091900	3,766	94	545	519	-4.7%	-176	-4
092000	4,687	258	1,103	1,085	-1.6%	-77	-4
092101	4,545	1,906	536	530	-1.2%	-56	-24
092200	2,609	740	1,331	1,312	-1.5%	-39	-11
092300	2,846	47	684	669	-2.2%	-62	-1
092400	5,221	56	483	470	-2.6%	-134	-1
100100	5,453	57	365	352	-3.6%	-194	-2
100200	2,750	37	103	98	-4.8%	-133	-2
100400	4,308	557	555	547	-1.3%	-58	-7
100500	5,193	796	1,274	1,256	-1.4%	-71	-11
100601	3,052	2,102	315	311	-1.2%	-38	-26
100700	475	3,847	35	35	0.0%	0	0
100800	2,650	2,896	510	505	-1.0%	-27	-30
100900	3,139	933	295	295	-0.1%	-2	-1
101001	5,347	133	151	149	-0.9%	-51	-1
101002	4,778	201	145	143	-1.3%	-61	-3
101101	3,126	29	168	161	-4.6%	-142	-1
101102	4,342	54	191	182	-4.7%	-202	-3
110103	3,322	2,138	1,093	1,046	-4.3%	-141	-91
110201	1,640	411	72	72	0.0%	0	0
110301	1,450	955	17	17	0.0%	0	0
110401	2,449	1,117	20	20	0.0%	0	0
110403	2,161	2,148	67	67	0.0%	0	0
120103	238	1,270	426	406	-4.7%	-11	-59
120104	736	1,359	1,306	1,249	-4.4%	-32	-60
120201	1,536	1,903	1,664	1,593	-4.3%	-66	-82
120301	2,887	1,908	1,987	1,907	-4.0%	-116	-76
120400	1,407	4,344	1,907	1,824	-4.4%	-61	-190
120500	1,567	764	2,067	1,979	-4.3%	-67	-33
120600	584	1,751	2,460	2,354	-4.3%	-25	-75
120700	747	1,267	1,811	1,714	-5.3%	-40	-67
140102	2,702	1,699	16	16	0.0%	0	0
140105	2,370	1,305	230	230	0.0%	0	0
140107	1,640	891	54	54	0.0%	0	0
140201	1,094	978	109	109	0.0%	0	0

Census Tract	Minority Population	Nonminority Population	Existing MTOI	MTOI with Routes 1 and CT1 Removed	Change in MTOI	Minority Impact	Nonminority Impact
140300	5,198	1,184	137	137	0.0%	0	0
140400	6,984	666	151	151	0.0%	0	0
160101	6,492	1,059	155	155	0.0%	0	0
160200	3,652	391	672	672	0.0%	0	0
160300	722	1,343	123	123	0.0%	0	0
160400	2,316	400	99	99	0.0%	0	0
160501	4,655	949	396	396	0.0%	0	0
160502	3,306	1,154	235	235	0.0%	0	0
160601	2,362	1,701	276	276	0.0%	0	0
160602	2,790	1,885	214	214	0.0%	0	0
170100	2,950	4,610	77	77	0.0%	0	0
170200	1,339	3,225	25	25	0.0%	0	0
170300	2,507	6,533	3	3	0.0%	0	0
170400	1,946	3,433	32	32	0.0%	0	0
170501	1,241	2,194	829	829	0.0%	0	0
170601	1,982	3,123	92	92	0.0%	0	0
170701	777	1,322	932	932	0.0%	0	0
170702	4,441	2,187	920	920	0.0%	0	0
170800	1,793	3,325	1,004	1,004	0.0%	0	0
336401	887	3,373	161	159	-1.7%	-15	-59
339801	1,629	2,781	777	761	-2.0%	-33	-56
339802	1,653	2,904	215	211	-2.0%	-33	-58
341101	1,461	2,214	937	920	-1.7%	-25	-38
341102	1,968	2,596	613	602	-1.9%	-37	-48
341200	3,288	3,569	466	457	-1.9%	-61	-66
341300	3,265	2,174	1,525	1,497	-1.9%	-61	-40
341600	2,794	3,770	393	385	-1.9%	-52	-70
342101	1,894	2,563	25	25	0.0%	0	0
342102	1,717	2,349	22	22	0.0%	0	0
342400	2,925	3,130	159	156	-2.0%	-59	-63
342600	2,284	2,081	18	18	0.0%	0	0
350103	305	905	1,151	1,126	-2.2%	-7	-20
350104	3,898	3,377	327	320	-2.2%	-86	-74
350400	790	4,778	1,147	1,068	-6.9%	-54	-329
350500	204	1,425	2,390	2,226	-6.9%	-14	-98
350600	988	3,584	385	358	-6.9%	-68	-246
350800	395	1,433	1,293	1,210	-6.4%	-25	-92
350900	503	2,811	2,435	2,269	-6.8%	-34	-191
351000	1,315	5,135	1,527	1,420	-7.0%	-92	-359
351204	1,345	2,784	33	31	-7.0%	-94	-196
351403	2,129	1,899	1,439	1,407	-2.2%	-47	-42
351404	2,284	2,005	333	326	-2.2%	-50	-44
351500	1,048	1,262	200	193	-3.1%	-32	-39
352101	759	895	3,065	2,976	-2.9%	-22	-26
352102	609	1,668	1,942	1,880	-3.2%	-19	-53
352200	689	1,160	1,405	1,360	-3.2%	-22	-37
352300	1,348	2,102	1,689	1,619	-4.2%	-56	-88
352400	1,559	567	2,157	2,001	-7.2%	-113	-41

Census Tract	Minority Population	Nonminority Population	Existing MTOI	MTOI with Routes 1 and CT1 Removed	Change in MTOI	Minority Impact	Nonminority Impact
352500	1,307	1,587	1,713	1,598	-6.7%	-87	-106
352800	685	1,430	530	505	-4.6%	-32	-66
352900	609	2,037	686	655	-4.6%	-28	-94
353000	1,425	2,159	3,958	3,007	-24.0%	-343	-519
353101	1,149	1,311	3,269	2,330	-28.7%	-330	-377
353102	2,939	2,101	1,711	1,289	-24.6%	-724	-518
353200	2,071	2,826	790	667	-15.6%	-323	-440
353300	863	2,608	1,263	1,152	-8.9%	-76	-231
353400	1,509	1,339	1,448	1,266	-12.6%	-189	-168
353500	1,055	1,547	3,217	2,473	-23.1%	-244	-358
353600	1,249	3,302	1,079	1,014	-6.0%	-75	-199
353700	1,862	3,503	1,783	1,511	-15.3%	-284	-535
353800	1,403	3,299	2,636	1,927	-26.9%	-377	-887
353900	3,347	3,743	2,183	1,622	-25.7%	-860	-962
354000	1,178	3,188	1,257	1,177	-6.3%	-74	-201
354100	590	2,317	1,365	1,339	-1.9%	-11	-43
354200	362	2,545	463	408	-11.9%	-43	-303
354300	1,113	2,233	222	200	-10.1%	-112	-225
354500	444	1,792	1,425	1,328	-6.8%	-30	-122
354600	1,981	2,557	85	79	-7.1%	-140	-181
354700	567	1,942	2,381	2,216	-6.9%	-39	-135
354800	353	1,550	1,491	1,392	-6.6%	-23	-103
354900	3,918	2,140	839	789	-5.9%	-232	-127
355000	862	1,827	1,119	1,070	-4.4%	-38	-80
356100	452	2,658	292	289	-0.9%	-4	-23
356300	1,179	3,861	47	47	0.0%	0	0
356400	860	6,387	3	3	0.0%	0	0
356500	1,045	5,535	21	21	0.0%	0	0
356601	741	3,475	95	95	0.0%	0	0
356602	563	3,606	89	89	0.0%	0	0
356701	1,154	4,690	291	291	0.0%	0	0
356702	1,046	5,592	130	130	0.0%	0	0
357300	578	2,395	146	132	-9.3%	-54	-224
357400	350	1,989	146	134	-7.8%	-27	-156
357500	379	1,751	94	88	-6.7%	-25	-117
357600	525	1,907	78	73	-6.2%	-33	-119
357700	861	2,866	55	52	-4.5%	-38	-128
370102	1,601	5,150	47	45	-4.9%	-79	-254
370201	528	3,229	214	196	-8.5%	-45	-273
370202	450	3,699	26	25	-7.2%	-33	-268
370300	1,301	4,343	191	173	-9.6%	-124	-415
370400	837	4,289	108	102	-6.2%	-52	-265
373100	962	3,793	76	76	0.0%	0	0
373500	984	5,203	80	77	-3.6%	-36	-189
373600	1,279	4,747	495	471	-4.9%	-63	-233
373700	481	3,309	72	68	-4.8%	-23	-158
373800	1,296	4,627	464	442	-4.8%	-62	-221
374000	1,306	3,931	4	3	-4.5%	-59	-178

Census Tract	Minority Population	Nonminority Population	Existing MTOI	MTOI with Routes 1 and CT1 Removed	Change in MTOI	Minority Impact	Nonminority Impact
374100	1,431	3,216	46	44	-4.3%	-61	-137
374200	778	3,416	650	621	-4.5%	-35	-155
374300	407	3,087	326	313	-4.1%	-17	-126
374400	913	4,830	73	70	-4.1%	-37	-197
374800	1,009	3,729	165	159	-3.6%	-36	-134
400100	1,368	3,609	3,888	3,665	-5.7%	-78	-207
400200	1,885	4,247	2,712	2,578	-5.0%	-93	-210
400300	993	3,117	2,439	2,316	-5.0%	-50	-157
400400	1,146	4,303	1,863	1,770	-5.0%	-57	-214
400500	1,041	4,132	1,404	1,333	-5.1%	-53	-210
400600	1,157	4,020	1,882	1,785	-5.2%	-60	-209
400700	908	2,690	2,224	2,103	-5.5%	-50	-147
400800	1,673	3,957	2,632	2,487	-5.5%	-93	-219
400900	1,441	2,424	3,744	3,532	-5.7%	-82	-138
401000	1,008	2,141	1,497	1,409	-5.9%	-59	-126
401100	911	3,530	364	345	-5.2%	-47	-183
401200	2,161	4,870	63	60	-5.0%	-108	-243
416200	3,275	3,376	22	22	0.0%	0	0
416300	1,332	3,417	213	213	0.0%	0	0
416400	573	5,496	6	6	0.0%	0	0
417100	1,345	2,919	356	352	-1.2%	-16	-35
417200	4,159	4,023	256	253	-1.3%	-54	-52
417501	2,167	2,837	87	86	-1.3%	-28	-37
417502	2,454	2,185	569	561	-1.3%	-32	-28
417601	1,925	3,271	294	290	-1.2%	-23	-39
417602	1,787	3,368	243	240	-1.2%	-22	-41
417701	1,661	3,756	534	528	-1.1%	-18	-40
418003	768	1,713	113	112	-1.0%	-7	-17
418004	1,681	2,599	213	211	-1.0%	-16	-25
418101	1,492	3,345	262	260	-1.1%	-16	-36
419100	793	4,898	9	9	-1.0%	-8	-48
419500	424	2,653	3	3	-0.9%	-4	-23
419700	474	3,347	15	15	-0.9%	-4	-29
419800	579	3,779	88	87	-0.9%	-5	-33
980300	191	147	256	250	-2.5%	-5	-4
981000	19	3	272	261	-4.3%	-1	0
981100	334	84	5	5	-2.9%	-10	-2