

# **Appendices**

## **Solid Waste Master Plan: 2006 Revision**

**June 2006**

## **Appendices**

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## APPENDIX A Data Collection and Analysis

This Appendix describes how DEP collects and analyzes solid waste data.

### Data Collection

Table A-1 shows the sources DEP relies on to track solid waste data. Each of the data sources is described below.

**Table A-1: Major Solid Waste Data Sources**

Data Type	Data Source
Disposal	<ul style="list-style-type: none"> <li>● Annual Facility Reports</li> </ul>
Imports / Exports	<ul style="list-style-type: none"> <li>● Annual Facility Reports</li> <li>● Survey of Other States Data</li> </ul>
MSW Recycling	<ul style="list-style-type: none"> <li>● Survey of Recycling Processors</li> <li>● Survey of Municipalities</li> <li>● Bottle Bill Tonnage</li> </ul>
Composting	<ul style="list-style-type: none"> <li>● Composting Facility Reports</li> <li>● Survey of Municipalities</li> <li>● Residential Organic Waste Management Study</li> </ul>
C&D Recycling	<ul style="list-style-type: none"> <li>● Survey of C&amp;D Processors</li> </ul>
Other C&D Diversion	<ul style="list-style-type: none"> <li>● Annual Facility Reports</li> <li>● Survey of C&amp;D Processors</li> </ul>

#### *Annual Facility Reports*

In Massachusetts, all landfills, combustion facilities, transfer stations and handling facilities must submit annual reports to DEP summarizing the type and quantity of waste managed. Data from the landfill and combustion facility reports provide information regarding total tonnage of waste disposed in Massachusetts. The reports also contain information on the import and export of waste.

#### *Survey of Other States Data*

In addition to using Annual Facility Reports, DEP gathers information on the import and export of solid waste across state lines by contacting neighboring state solid waste management agencies and significant out-of-state facilities. DEP compares amounts from each of these sources to Massachusetts' data and the largest import/export amount is used.

#### *Municipal Recycling Survey*

Each year, DEP surveys all 351 cities and towns in the Commonwealth to determine the quantity of waste recycled through municipal recycling programs. Recyclables counted are generated by single-family homes and some multi-family residences. The survey also collects data on centralized (off-site) composting of leaf and yard waste that is used to determine the amount of residential composting<sup>1</sup> taking place at municipal and commercial composting facilities. DEP adjusts centralized composting of leaf and yard waste to account for non-reporting towns that operate leaf and yard waste collection programs. DEP does not adjust reported recycling tonnages to account for municipalities who did not report or whose data is incomplete. However, DEP does estimate waste generation for these municipalities. DEP uses a regression analysis based on the towns that do report and multiplies the resulting index of the amount of per capita waste generated (.38 tons per year) by the population of each town lacking generation data.

### *Composting Facility Reports*

Each year, DEP sends a composting survey to all municipal and commercial composting sites. This survey provides the total centralized composting tonnage. To derive a base commercial composting<sup>2</sup> amount, the total amount of residential composting from the municipal recycling survey is subtracted from the total amount reported on the composting facility reports. 100,000 tons is added to the base commercial composting amount to account for farm composting which is not reported to DEP. This figure is an estimate from the Massachusetts Department of Agricultural Resources (DAR).

### *Survey of MSW Recycling Processors*

Each year, DEP surveys all known recycling processors in the state. For known processors that do not respond, their reported tonnages from the previous years are adjusted for average increases or decreases in recycling and carried over. These survey results provide the total statewide MSW recycling tonnage. See below for an explanation of how residential and commercial recycling figures are calculated from this figure.

### *Survey of C&D Processors Survey*

Each year, DEP surveys all known companies that process construction and demolition (C&D) debris for reuse. The companies are surveyed for information on the type and amount of material processed, and the results are used to estimate the C&D recycling rate. DEP attempts to contact all the processors that handle C&D waste. For quantities handled by known processors that do not respond, numbers from the last survey performed are adjusted for increases or decreases in recycling and carried forward.

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<sup>1</sup> Composting tonnage is considered residential if it originates from a residential source, regardless of where it is composted.

<sup>2</sup> Composting tonnage is considered commercial if it originates from a commercial source, regardless of where it is composted.

### *Bottle Bill Tonnage*

Bottle bill recycling results are credited toward the residential recycling rate. Container recovery (i.e., deposit redemption) rates are obtained from the Massachusetts Department of Revenue. DEP estimates the recycled tonnage using trade association data on both material composition (glass, aluminum, plastic, etc) of the beverage containers recovered and average unit weights for different container types. Composition percentages are adjusted based on information provided by deposit container collection companies to reflect the specific conditions in Massachusetts.

## Data Calculations

The following formulas and definitions are used to estimate quantities in Table 3, Solid Waste Generation and Management, 2000 – 2004. The terms, emphasized in bold type, are presented in the same order in which they appear in the table. Also, completely lower case terms are not included in the table but are calculated in the data analyzed.

**Potential Generation** = Estimated Generation for 2004 based on multiplying 1990 generation by change in Gross State Product from 1990 to 2004. For 2004, Gross State Product figures are not currently available.

**Source Reduction** = Potential Generation – Actual Generation (listed separately for MSW and non-MSW)

**Total Generation** = In-State Disposal + Diversion + Disposal Exports – Disposal Imports

**MSW Generation** = MSW Disposed + MSW Diverted + MSW Exported - MSW Imported

**Residential Generation** = Residential Recycling + Residential Composting + Residential On-site Composting + Bottle Bill + MSW Disposed.

**Commercial Generation** = MSW Generation - Residential Generation

**Non-MSW Generation** = C&D + Other Non-MSW Generation

**C&D Generation** = C&D Disposed + C&D Recycled + C&D Other Diversion + C&D exported – C&D imported

**Other (non-MSW) Generation** = Other Disposed + Other diverted + Other exported – Other imported

**Diversion** = MSW Diversion + Non-MSW Diversion

**MSW Diversion** = Residential Recycling + Commercial Recycling + Residential Off-site Composting + Commercial Composting<sup>3</sup>

**Residential Recycling** is estimated using municipal recycling survey data plus bottle bill data.

**Commercial Recycling** = MSW Recycling (estimated using commercial processors survey and bottle bill data) - Residential Recycling

**Residential Off-site Composting** is estimated using the municipal recycling survey data.

**Commercial Composting** is estimated using composting facility report data – Residential Composting + DAR estimates for farm composting.

**Non-MSW Diversion** = C&D Recycling + C&D Other Diversion

**C&D Recycling** is estimated using data from the C&D processors survey.

**C&D Other Diversion** includes C&D fines used for landfill cover, wood burned as fuel, and C&D residuals used for inactive landfill closures.

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<sup>3</sup> Residential on-site composting, or home composting, is not counted as part of MSW Diversion, but instead as source reduction.

**Disposal** = Landfill Disposal + Combustion Disposal + Disposal Exports – Disposal Imports

**Disposal Exports** and **Imports** are estimated using data from Annual Facility Reports and a survey of other states.

**Landfill Disposal** = MSW Disposal + C&D Disposal + Other Disposal

**MSW** Disposal is estimated using data from Annual Facility Reports

**C&D** Disposal is estimated using data from Annual Facility Reports

**Other** Disposal is estimated using data from Annual Facility Reports, and represents all non-MSW disposal other than C&D (e.g., contaminated media, recycling residues, industrial waste, street sweepings, etc.)

**Combustion** = MSW Combustion + non-MSW Combustion

**MSW** Combustion is estimated using data from Annual Facility Reports

**Non-MSW** Combustion is estimated using data from Annual Facility Reports

## Methodology Changes

- **Estimation Of Growth Rates For MSW Generation, Recycling And C&D Diversion Rate for Projection Net Export**

The Beyond 2000 Solid Waste Master Plan projected that MSW Generation would increase 1.5% per year until 2006, and then level off, MSW Recycling would increase 1.4% per year, and the Non-MSW Recycling rate would reach a rate of 85% by 2006 and level off. These assumptions were used to project needed landfill capacity in order to meet the no net import/no net export policy by 2006.

In 2003, the policy of no net import/export was lifted and projection scenarios were changed to reflect what would be needed to achieve our 56% recycling goal (best case scenario) and what our net export would be if recycling was essentially flat (worst case scenario). Both Best and Worst Case Scenarios assume Generation tonnage will increase 2% each year. Best Case Scenario assumes MSW and C&D Recycling Tonnage will increase 4.5% each year, and Worst Case Scenario assumes MSW and C&D Recycling will increase 2% each year.

- **Carry Over Of Survey Tonnage**

Each year, DEP surveys recycling processors. In the past, if a facility did not respond to the survey, DEP carried forward the facility's tonnage reported for the previous or most recent year.

In order to get a better estimate of the recycling and composting tonnage for those facilities surveyed that did not respond to the 2004 survey but did respond to the 2003 survey, DEP applied a % change, reflecting the average change in tonnage reported by all processors.

Recycling processors that reported both in 2003 and 2004 showed on average a decrease of 3% in recycled tonnage, C&D processors that reported both in 2003 and 2004 showed on average a increase of 1% in recycling tonnage, and compost facilities reported an decrease of 5%, compared to companies that reported in 2003. DEP applied these averages to companies that reported in 2003 but not in 2004 to generate a more conservative estimate of their 2004 tonnage.



**Appendix B**  
**MSW Management Overview By Municipality, 2004**

Municipality	Estimated Population	MSW Recycled: Glass, Metal, Paper, Plastic and Textiles	MSW Disposed (Actual Reported)	Estimated MSW Generation (does not include compost)*	MSW Generation Rate (does not include compost)*
ABINGTON	15,445	1,162	6,484	7,646	0.50
ACTON	20,331	1,715	10,956	12,671	0.62
ACUSHNET	10,161	0	0	3,861	*0.38
ADAMS	8,809	312	0	3,347	*0.38
AGAWAM	28,528	2,319	12,423	14,742	0.52
ALFORD	425	81	235	316	0.74
AMESBURY	16,450	851	6,863	7,714	0.47
AMHERST	34,874	788	8,540	9,328	0.27
ANDOVER	31,247	4,010	14,992	19,002	0.61
AQUINNAH	209	32	449	481	2.30
ARLINGTON	43,587	5,672	18,404	24,076	0.55
ASHBURNHAM	6,072	0	0	2,307	*0.38
ASHBY	3,000	0	0	1,140	*0.38
ASHFIELD	1,811	301	470	771	0.43
ASHLAND	15,462	1,307	5,182	6,489	0.42
ATHOL	11,299	33	10	43	0.00
ATTLEBORO	41,103	4,604	19,959	24,563	0.60
AUBURN	16,216	813	6,955	7,768	0.48
AVON	4,330	308	2,085	2,393	0.55
AYER	7,287	1,651	2,257	3,908	0.54
BARNSTABLE	47,821	2,827	31,605	34,432	0.72
BARRE	4,847	723	0	1,842	*0.38
BECKET	1,755	191	866	1,057	0.60
BEDFORD	13,272	0	0	5,043	*0.38
BELCHERTOWN	14,300	753	3,653	4,406	0.31
BELLINGHAM	15,314	897	0	5,819	*0.38
BELMONT	24,194	2,822	9,936	12,758	0.53
BERKLEY	6,020	399	1,254	1,653	0.27
BERLIN	2,348	447	1,163	1,610	0.69
BERNARDSTON	2,154	272	597	869	0.40
BEVERLY	40,000	3,089	21,522	24,610	0.62
BILLERICA	39,000	2,646	20,540	23,186	0.59
BLACKSTONE	8,809	487	2,800	3,287	0.37
BLANDFORD	1,259	248	0	478	*0.38
BOLTON	4,716	575	707	1,282	0.27
BOSTON	588,501	26,039	258,065	284,104	0.48
BOURNE	19,606	2,981	8,781	11,762	0.60
BOXBOROUGH	3,452	287	1,509	1,796	0.52
BOXFORD	8,588	1,319	2,355	3,674	0.43
BOYLSTON	4,100	37	0	1,558	*0.38

Municipality	Estimated Population	MSW Recycled: Glass, Metal, Paper, Plastic and Textiles	MSW Disposed (Actual Reported)	Estimated MSW Generation (does not include compost)*	MSW Generation Rate (does not include compost)*
BRAINTREE	33,828	2,206	18,120	20,326	0.60
BREWSTER	9,600	961	6,446	7,407	0.77
BRIDGEWATER	25,185	0	0	9,570	*0.38
BRIMFIELD	3,339	0	0	1,269	*0.38
BROCKTON	95,994	6,072	32,685	38,757	0.40
BROOKFIELD	3,159	348	1,209	1,557	0.49
BROOKLINE	55,407	4,940	24,582	29,522	0.53
BUCKLAND	1,967	183	284	467	0.24
BURLINGTON	22,876	0	0	8,693	*0.38
CAMBRIDGE	101,355	10,089	29,367	39,456	0.39
CANTON	18,725	0	0	7,116	*0.38
CARLISLE	5,400	843	2,342	3,185	0.59
CARVER	11,843	0	0	4,500	*0.38
CHARLEMONT	1,358	100	252	352	0.26
CHARLTON	13,279	0	0	5,046	*0.38
CHATHAM	6,625	1,188	8,492	9,680	1.46
CHELMSFORD	32,780	3,508	15,887	19,395	0.59
CHELSEA	35,080	1,483	14,202	15,684	0.45
CHESHIRE	3,401	268	900	1,168	0.34
CHESTER	1,317	89	482	571	0.43
CHESTERFIELD	1,048	110	177	287	0.27
CHICOPEE	54,653	5,652	19,508	25,160	0.46
CHILMARK	671	112	520	631	0.94
CLARKSBURG	1,800	0	0	684	*0.38
CLINTON	13,593	0	0	5,165	*0.38
COHASSET	7,261	1,455	2,955	4,410	0.61
COLRAIN	1,813	186	248	434	0.24
CONCORD	17,000	2,429	4,387	6,816	0.40
CONWAY	1,809	290	596	886	0.49
CUMMINGTON	802	124	313	437	0.55
DALTON	7,245	433	636	1,069	0.15
DANVERS	24,339	1,599	23,035	24,634	1.01
DARTMOUTH	31,532	2,097	11,224	13,321	0.42
DEDHAM	23,411	1,828	11,303	13,130	0.56
DEERFIELD	4,750	551	2,200	2,751	0.58
DENNIS	15,973	1,595	11,791	13,386	0.84
DIGHTON	6,175	615	1,448	2,063	0.33
DOUGLAS	7,992	312	3,827	4,139	0.52
DOVER	5,986	0	0	2,275	*0.38
DRACUT	29,399	2,058	13,130	15,188	0.52
DUDLEY	10,036	256	4,309	4,565	0.45
DUNSTABLE	2,900	254	1,060	1,314	0.45
DUXBURY	14,403	2,125	7,086	9,211	0.64
EAST BRIDGEWATER	13,526	958	3,743	4,701	0.35

Municipality	Estimated Population	MSW Recycled: Glass, Metal, Paper, Plastic and Textiles	MSW Disposed (Actual Reported)	Estimated MSW Generation (does not include compost)*	MSW Generation Rate (does not include compost)*
EAST BROOKFIELD	2,097	199	590	789	0.38
EAST LONGMEADOW	16,136	1,697	5,187	6,884	0.43
EASTHAM	5,600	1,058	5,094	6,152	1.10
EASTHAMPTON	15,994	0	0	6,078	*0.38
EASTON	23,356	0	0	8,875	*0.38
EDGARTOWN	3,138	1,985	6,200	8,185	2.61
EGREMONT	1,345	290	446	736	0.55
ERVING	1,467	236	575	811	0.55
ESSEX	3,267	365	1,472	1,837	0.56
EVERETT	38,500	899	21,771	22,671	0.59
FAIRHAVEN	16,159	908	6,761	7,669	0.47
FALL RIVER	91,938	2,514	35,634	38,148	0.41
FALMOUTH	35,000	4,252	16,675	20,927	0.60
FITCHBURG	39,000	4,976	21,246	26,222	0.67
FLORIDA	676	84	359	443	0.66
FOXBOROUGH	16,668	1,901	5,887	7,788	0.47
FRAMINGHAM	67,000	5,580	22,826	28,406	0.42
FRANKLIN	28,500	3,385	12,745	16,130	0.57
FREETOWN	9,069	319	4,751	5,070	0.56
GARDNER	20,770	0	0	7,893	*0.38
GEORGETOWN	7,400	0	0	2,812	*0.38
GILL	1,363	138	254	392	0.29
GLOUCESTER	30,273	2,796	12,657	15,453	0.51
GOSHEN	862	89	174	263	0.30
GOSNOLD	96	0	0	36	*0.38
GRAFTON	14,894	0	0	5,660	*0.38
GRANBY	6,132	677	4,772	5,449	0.89
GRANVILLE	1,441	146	292	438	0.30
GREAT BARRINGTON	7,740	198	3,994	4,192	0.54
GREENFIELD	18,168	2,417	6,225	8,642	0.48
GROTON	8,750	869	1,501	2,370	0.27
GROVELAND	6,200	0	0	2,356	*0.38
HADLEY	4,117	0	0	1,564	*0.38
HALIFAX	7,500	688	1,328	2,016	0.27
HAMILTON	8,645	856	3,040	3,896	0.45
HAMPDEN	5,352	212	1,042	1,254	0.23
HANCOCK	721	86	268	354	0.49
HANOVER	13,918	1,864	7,099	8,963	0.64
HANSON	9,366	390	4,464	4,854	0.52
HARDWICK	2,622	174	1,115	1,289	0.49
HARVARD	5,335	811	2,601	3,412	0.64
HARWICH	11,200	1,811	7,818	9,629	0.86
HATFIELD	3,224	291	348	638	0.20
HAVERHILL	58,969	3,141	37,100	40,241	0.68

Municipality	Estimated Population	MSW Recycled: Glass, Metal, Paper, Plastic and Textiles	MSW Disposed (Actual Reported)	Estimated MSW Generation (does not include compost)*	MSW Generation Rate (does not include compost)*
HAWLEY	336	40	0	128	*0.38
HEATH	805	108	252	360	0.45
HINGHAM	20,385	2,292	9,890	12,182	0.60
HINSDALE	1,872	173	378	551	0.29
HOLBROOK	10,785	789	3,750	4,538	0.42
HOLDEN	15,082	1,090	7,258	8,348	0.55
HOLLAND	2,280	0	0	866	*0.38
HOLLISTON	13,801	0	0	5,244	*0.38
HOLYOKE	39,838	1,778	0	15,138	*0.38
HOPEDALE	6,000	776	2,064	2,840	0.47
HOPKINTON	14,463	1,509	5,248	6,757	0.47
HUBBARDSTON	4,218	0	0	1,603	*0.38
HUDSON	17,770	0	0	6,753	*0.38
HULL	11,050	0	0	4,199	*0.38
HUNTINGTON	2,120	203	538	740	0.35
IPSWICH	13,460	1,486	5,121	6,607	0.49
KINGSTON	10,227	806	5,328	6,134	0.60
LAKEVILLE	10,129	859	3,269	4,128	0.41
LANCASTER	6,030	0	0	2,291	*0.38
LANESBOROUGH	2,990	0	0	1,136	*0.38
LAWRENCE	72,043	2,381	39,144	41,525	0.58
LEE	6,247	396	0	2,374	*0.38
LEICESTER	10,731	0	0	4,078	*0.38
LENOX	5,077	337	0	1,929	*0.38
LEOMINSTER	41,303	2,270	14,366	16,636	0.40
LEVERETT	2,019	209	227	436	0.22
LEXINGTON	31,507	0	0	11,973	*0.38
LEYDEN	683	0	0	260	*0.38
LINCOLN	5,661	732	1,095	1,827	0.32
LITTLETON	8,225	802	4,781	5,583	0.68
LONGMEADOW	15,032	1,973	5,510	7,483	0.50
LOWELL	105,167	4,148	67,886	72,034	0.68
LUDLOW	20,714	1,256	8,480	9,736	0.47
LUNENBURG	9,439	587	1,480	2,067	0.22
LYNN	89,050	1,735	54,373	56,108	0.63
LYNNFIELD	12,000	1,015	5,583	6,599	0.55
MALDEN	56,000	0	24,000	21,280	*0.38
MANCHESTER	5,228	810	2,231	3,041	0.58
MANSFIELD	22,700	2,787	7,170	9,957	0.44
MARBLEHEAD	20,255	0	0	7,697	*0.38
MARION	5,694	457	2,178	2,635	0.46
MARLBOROUGH	38,500	2,267	15,418	17,685	0.46
MARSHFIELD	24,324	2,784	14,593	17,377	0.71
MASHPEE	12,946	1,150	6,692	7,842	0.61

Municipality	Estimated Population	MSW Recycled: Glass, Metal, Paper, Plastic and Textiles	MSW Disposed (Actual Reported)	Estimated MSW Generation (does not include compost)*	MSW Generation Rate (does not include compost)*
MATTAPOISETT	5,955	0	0	2,263	*0.38
MAYNARD	10,370	1,330	2,236	3,566	0.34
MEDFIELD	12,944	1,084	3,854	4,938	0.38
MEDFORD	55,765	5,360	31,674	37,034	0.66
MEDWAY	12,800	1,727	4,708	6,435	0.50
MELROSE	27,114	2,189	10,135	12,324	0.45
MENDON	6,143	389	1,898	2,286	0.37
MERRIMAC	6,138	426	1,387	1,813	0.30
METHUEN	41,731	3,079	21,449	24,528	0.59
MIDDLEBOROUGH	19,622	862	8,772	9,634	0.49
MIDDLEFIELD	394	55	166	221	0.56
MIDDLETON	7,744	603	2,356	2,959	0.38
MILFORD	26,617	2,176	7,981	10,157	0.38
MILLBURY	12,228	0	0	4,647	*0.38
MILLIS	8,100	0	1,172	3,078	*0.38
MILLVILLE	3,000	0	0	1,140	*0.38
MILTON	26,000	4,202	6,079	10,280	0.40
MONROE	114	0	0	43	*0.38
MONSON	8,300	565	3,532	4,097	0.49
MONTAGUE	8,492	967	1,304	2,271	0.27
MONTEREY	940	0	0	357	*0.38
MONTGOMERY	801	0	0	304	*0.38
MOUNT WASHINGTON	135	0	38	51	*0.38
NAHANT	3,691	292	2,529	2,822	0.76
NANTUCKET	6,600	0	0	2,508	*0.38
NATICK	32,170	3,132	8,837	11,969	0.37
NEEDHAM	29,156	5,381	10,891	16,272	0.56
NEW ASHFORD	247	0	0	94	*0.38
NEW BEDFORD	99,922	3,149	44,170	47,319	0.47
NEW BRAINTREE	926	0	0	352	*0.38
NEW MARLBOROUGH	1,494	123	1,274	1,398	0.94
NEW SALEM	929	109	198	307	0.33
NEWBURY	6,717	549	2,716	3,265	0.49
NEWBURYPORT	17,189	1,909	7,935	9,844	0.57
NEWTON	81,179	11,673	34,363	46,036	0.57
NORFOLK	9,270	782	2,232	3,014	0.33
NORTH ADAMS	15,038	0	0	5,714	*0.38
NORTH ANDOVER	24,279	2,140	12,612	14,752	0.61
NORTH ATTLEBOROUGH	27,291	2,714	12,981	15,695	0.58
NORTH BROOKFIELD	4,742	335	1,047	1,382	0.29
NORTH READING	13,737	901	6,631	7,533	0.55
NORTHAMPTON	30,842	3,480	4,363	7,842	0.25
NORTHBOROUGH	14,129	1,726	3,865	5,591	0.40
NORTHBRIDGE	13,988	684	7,346	8,030	0.57

Municipality	Estimated Population	MSW Recycled: Glass, Metal, Paper, Plastic and Textiles	MSW Disposed (Actual Reported)	Estimated MSW Generation (does not include compost)*	MSW Generation Rate (does not include compost)*
NORTHFIELD	2,951	393	845	1,238	0.42
NORTON	18,036	0	0	6,854	*0.38
NORWELL	9,765	1,115	4,193	5,308	0.54
NORWOOD	28,326	0	0	10,764	*0.38
OAK BLUFFS	4,159	378	1,075	1,454	0.35
OAKHAM	1,689	0	0	642	*0.38
ORANGE	7,518	434	3,154	3,588	0.48
ORLEANS	6,827	0	0	2,594	*0.38
OTIS	1,122	293	902	1,195	1.07
OXFORD	14,200	425	8,345	8,770	0.62
PALMER	12,475	1,320	0	4,741	*0.38
PAXTON	6,000	0	0	2,280	*0.38
PEABODY	48,129	2,996	26,620	29,616	0.62
PELHAM	1,430	84	308	392	0.27
PEMBROKE	16,974	0	0	6,450	*0.38
PEPPERELL	11,115	708	0	4,224	*0.38
PERU	821	45	259	304	0.37
PETERSHAM	1,177	72	342	414	0.35
PHILLIPSTON	1,667	0	0	633	*0.38
PITTSFIELD	47,927	3,228	17,625	20,853	0.44
PLAINFIELD	609	79	97	176	0.29
PLAINVILLE	7,229	722	2,562	3,284	0.45
PLYMOUTH	49,008	4,046	28,699	32,745	0.67
PLYMPTON	2,785	0	0	1,058	*0.38
PRINCETON	3,531	0	0	1,342	*0.38
PROVINCETOWN	3,577	1,029	4,575	5,604	1.57
QUINCY	85,988	36,050	45,385	81,435	0.95
RANDOLPH	31,365	1,617	14,978	16,595	0.53
RAYNHAM	11,739	827	3,799	4,626	0.39
READING	23,708	1,941	9,690	11,631	0.49
REHOBOTH	10,007	0	0	3,803	*0.38
REVERE	43,766	1,357	25,552	26,909	0.61
RICHMOND	1,604	206	623	829	0.52
ROCHESTER	5,076	228	2,443	2,671	0.53
ROCKLAND	16,559	1,376	6,155	7,531	0.45
ROCKPORT	7,300	1,124	6,111	7,235	0.99
ROWE	351	79	224	303	0.86
ROWLEY	5,300	276	0	2,014	*0.38
ROYALSTON	1,213	416	254	669	0.55
RUSSELL	1,704	136	335	471	0.28
RUTLAND	5,303	0	0	2,015	*0.38
SALEM	40,407	2,572	17,750	20,322	0.50
SALISBURY	7,200	53	0	2,736	*0.38
SANDISFIELD	824	0	0	313	*0.38

Municipality	Estimated Population	MSW Recycled: Glass, Metal, Paper, Plastic and Textiles	MSW Disposed (Actual Reported)	Estimated MSW Generation (does not include compost)*	MSW Generation Rate (does not include compost)*
SANDWICH	20,500	1,479	10,145	11,624	0.57
SAUGUS	25,553	1,752	12,529	14,281	0.56
SAVOY	705	41	125	166	0.24
SCITUATE	18,000	2,689	7,391	10,080	0.56
SEEKONK	13,425	1,749	3,375	5,125	0.38
SHARON	17,739	2,027	9,258	11,285	0.64
SHEFFIELD	3,350	411	853	1,264	0.38
SHELBURNE	2,058	203	468	671	0.33
SHERBORN	4,552	920	1,932	2,852	0.63
SHIRLEY	5,200	0	0	1,976	*0.38
SHREWSBURY	31,060	0	0	11,803	*0.38
SHUTESBURY	1,807	193	430	623	0.34
SOMERSET	18,234	1,703	5,383	7,087	0.39
SOMERVILLE	80,000	4,293	36,117	40,410	0.51
SOUTH HADLEY	15,463	1,733	4,563	6,296	0.41
SOUTHAMPTON	5,474	1,071	1,046	2,117	0.39
SOUTHBOROUGH	9,600	1,191	5,341	6,533	0.68
SOUTHBRIDGE	17,000	0	0	6,460	*0.38
SOUTHWICK	8,000	700	2,625	3,325	0.42
SPENCER	11,691	958	4,633	5,591	0.48
SPRINGFIELD	150,000	6,264	68,014	74,278	0.50
STERLING	7,445	974	2,378	3,352	0.45
STOCKBRIDGE	2,397	992	2,410	3,402	1.42
STONEHAM	22,238	1,930	9,881	11,811	0.53
STOUGHTON	27,147	1,222	10,755	11,977	0.44
STOW	5,626	0	0	2,138	*0.38
STURBRIDGE	8,057	449	315	764	0.09
SUDBURY	16,929	846	2,476	3,322	0.20
SUNDERLAND	3,777	270	690	960	0.25
SUTTON	8,100	908	4,068	4,976	0.61
SWAMPSCOTT	14,412	1,275	5,661	6,936	0.48
SWANSEA	15,901	0	0	6,042	*0.38
TAUNTON	55,976	3,865	19,217	23,082	0.41
TEMPLETON	6,600	450	2,671	3,121	0.47
TEWKSBURY	29,077	1,533	13,345	14,878	0.51
TISBURY	3,102	512	1,372	1,884	0.61
TOLLAND	326	0	0	124	*0.38
TOPSFIELD	6,327	887	2,126	3,013	0.48
TOWNSEND	9,501	917	3,292	4,209	0.44
TRURO	1,821	394	2,071	2,465	1.35
TYNGSBOROUGH	11,081	1,143	5,315	6,458	0.58
TYRINGHAM	363	59	159	218	0.60
UPTON	7,028	715	2,266	2,981	0.42
UXBRIDGE	12,000	830	5,605	6,435	0.54

<b>Municipality</b>	<b>Estimated Population</b>	<b>MSW Recycled: Glass, Metal, Paper, Plastic and Textiles</b>	<b>MSW Disposed (Actual Reported)</b>	<b>Estimated MSW Generation (does not include compost)*</b>	<b>MSW Generation Rate (does not include compost)*</b>
WAKEFIELD	24,741	1,807	10,652	12,459	0.50
WALES	1,440	78	274	352	0.24
WALPOLE	23,225	2,102	9,448	11,550	0.50
WALTHAM	59,229	3,895	25,326	29,221	0.49
WARE	10,254	0	0	3,897	*0.38
WAREHAM	23,200	264	12,661	12,925	0.56
WARREN	4,850	0	0	1,843	*0.38
WARWICK	750	107	194	301	0.40
WASHINGTON	615	0	0	234	*0.38
WATERTOWN	32,986	2,710	14,391	17,101	0.52
WAYLAND	13,915	2,166	4,437	6,603	0.47
WEBSTER	15,700	0	0	5,966	*0.38
WELLESLEY	26,215	3,311	15,465	18,776	0.72
WELLFLEET	3,128	918	3,142	4,060	1.30
WENDELL	986	137	224	361	0.37
WENHAM	4,473	0	1,500	1,700	*0.38
WEST BOYLSTON	6,823	555	2,082	2,636	0.39
WEST BRIDGEWATER	6,694	373	2,991	3,364	0.50
WEST BROOKFIELD	3,707	0	0	1,409	*0.38
WEST NEWBURY	4,262	683	2,076	2,759	0.65
WEST SPRINGFIELD	28,000	1,927	12,289	14,215	0.51
WEST STOCKBRIDGE	1,502	154	475	629	0.42
WEST TISBURY	2,335	120	804	924	0.40
WESTBOROUGH	17,997	1,402	9,576	10,978	0.61
WESTFIELD	39,310	4,206	16,611	20,817	0.53
WESTFORD	21,610	2,759	9,034	11,793	0.55
WESTHAMPTON	1,374	173	363	535	0.39
WESTMINSTER	6,477	490	0	2,461	*0.38
WESTON	10,660	1,097	5,024	6,121	0.57
WESTPORT	14,584	901	6,039	6,940	0.48
WESTWOOD	14,774	1,880	6,065	7,945	0.54
WEYMOUTH	54,207	3,211	34,692	37,903	0.70
WHATELY	1,573	147	200	347	0.22
WHITMAN	13,416	0	0	5,098	*0.38
WILBRAHAM	14,449	1,461	2,934	4,395	0.30
WILLIAMSBURG	2,559	356	716	1,072	0.42
WILLIAMSTOWN	8,424	513	1,057	1,570	0.19
WILMINGTON	21,094	1,822	10,914	12,736	0.60
WINCHENDON	9,654	718	1,670	2,388	0.25
WINCHESTER	20,044	1,840	9,713	11,553	0.58
WINDSOR	875	104	154	258	0.29
WINTHROP	18,303	1,586	5,640	7,226	0.39
WOBURN	37,500	2,284	21,197	23,481	0.63
WORCESTER	172,648	10,304	33,768	44,072	0.26



<b>Municipality</b>	<b>Estimated Population</b>	<b>MSW Recycled: Glass, Metal, Paper, Plastic and Textiles</b>	<b>MSW Disposed (Actual Reported)</b>	<b>Estimated MSW Generation (does not include compost)*</b>	<b>MSW Generation Rate (does not include compost)*</b>
WORTHINGTON	1,248	184	335	520	0.42
WRENTHAM	10,160	1,510	3,812	5,322	0.52
YARMOUTH	22,600	2,765	15,756	18,521	0.82
<b>TOTALS: 351</b>	<b>6,354,147</b>	<b>460,904</b>	<b>2,432,607</b>	<b>3,175,289</b>	
*Default estimated generation rate is		0.38			

**APPENDIX C**  
**2004 Municipal Recycling Tonnages for Major Material Types**

Municipality	Aluminum	Cardboard	Commingled Containers	Glass	Mixed Paper	Newspaper	Plastic Containers	Scrap Metal/ White Goods	Steel/Tin cans	Textiles/ Used Clothing
ABINGTON			253			909				
ACTON			312			1,043		360		
ACUSHNET										
ADAMS			69		231			12		
AGAWAM			700		1,455			164		
ALFORD			27		54					
AMESBURY			851							
AMHERST			127		516			134		11
ANDOVER			698		3,002			290		20
ARLINGTON			1,058		3,827			787		1
ASHBURNHAM										
ASHBY										
ASHFIELD			87		161			39		14
ASHLAND		48	285		970			4		
ATHOL								30		3
ATTLEBORO			848		1,917			1,840		
AUBURN			215			599				
AVON			58		221			29		
AYER	3	74	1,065	40	134	100	46	178	11	
BARNSTABLE	39	402		300	307	777	67	801	50	84
BARRE			80		226			412		5
BECKET			33		81			77		
BEDFORD										
BELCHERTOWN			118		497		27	112		
BELLINGHAM	25	20		7	100	370	115		255	5
BELMONT			693		2,042			87		
BERKLEY	0	59		27	71	92	20	116		15
BERLIN		60	22		31	108		216		10
BERNARDSTON			57		130			85		
BEVERLY			618		2,363			108		
BILLERICA			635			1,704		307		
BLACKSTONE		6	148			325		7		1

Municipality	Aluminum	Cardboard	Commingled Containers	Glass	Mixed Paper	Newspaper	Plastic Containers	Scrap Metal/ White Goods	Steel/Tin cans	Textiles/ Used Clothing
BLANDFORD			215		33					
BOLTON		159	38	63	139	104		47		25
BOSTON			4,600		15,122			5,850		467
BOURNE	35	420		214	26	1,127	82	975	73	29
BOXBOROUGH		9		27	247				4	
BOXFORD		37	338		865			77		2
BOYLSTON			8			29				
BRAINTREE	0		537		1,658			3		8
BREWSTER				138	580		72	121		50
BRIDGEWATER			215		681			60		28
BRIMFIELD										
BROCKTON			1,402		4,115			550		5
BROOKFIELD	4	36		15	45	52	20	160	6	10
BROOKLINE			1,030		3,684			226		
BUCKLAND			51		101			31		
BURLINGTON										
CAMBRIDGE		105	3,373		6,354		20	151		86
CANTON										
CARLISLE		139		94	230	204	36	130	10	
CARVER										
CHARLEMONT			39		61					
CHARLTON										
CHATHAM		177		246	22	311	26	330	27	49
CHELMSFORD		129	839		2,356			55		129
CHELSEA			500					983		
CHESHIRE		44			148			76		
CHESTER			24		65					
CHESTERFIELD			23		65			15		7
CHICOPEE			1,003		3,616			1,033		
CHILMARK			17	8		50		10		27
CLARKSBURG										
CLINTON										
COHASSET		232		133	690		45	247	23	85
COLRAIN			49		92			45		
CONCORD		85	426		1,562			26		330
CONWAY			72		165			53		
CUMMINGTON			30		77			14		4

Municipality	Aluminum	Cardboard	Commingled Containers	Glass	Mixed Paper	Newspaper	Plastic Containers	Scrap Metal/ White Goods	Steel/Tin cans	Textiles/ Used Clothing
DALTON			84		329			20		
DANVERS			310		1,108			172		9
DARTMOUTH		185	381	21	253	940	10	284	5	18
DEDHAM			497		1,160			170		
DEERFIELD			130		341			80		
DENNIS		226		144	133	470	32	411	23	156
DIGHTON			184		371			60		
DOUGLAS				25	178		15	87	7	
DOVER										
DRACUT			459		1,191			339		69
DUDLEY		39		25		116	11	55	10	
DUNSTABLE	3	34		39	136		20	20	2	
DUXBURY		423		214		853	59	476		100
EAST BRIDGEWATER			247		711					
EAST BROOKFIELD			47		133			19		
EAST LONGMEADOW			430		1,192			75		
EASTHAM		133	12	123	146	297	24	265	18	40
EASTHAMPTON										
EASTON										
EDGARTOWN		290	196	275	100	394	20	405	29	275
EGREMONT			77		148			63		1
ERVING			68		123			45		
ESSEX		20	56		160			117		12
EVERETT			229			670				
FAIRHAVEN		298			515			55		40
FALL RIVER			821		1,443			249		1
FALMOUTH		182	872		2,098			1,075		25
FITCHBURG		73	322		790	97		3,304	391	
FLORIDA			17		40			27		
FOXBOROUGH			367		1,299			235		
FRAMINGHAM		138	1,187	15	3,929			302	3	6
FRANKLIN			689		2,282			410		4
FREETOWN		43		23		92		147	9	5
GARDNER										
AQUINNAH		6	8			18				
GEORGETOWN										
GILL			50		88					

Municipality	Aluminum	Cardboard	Commingled Containers	Glass	Mixed Paper	Newspaper	Plastic Containers	Scrap Metal/ White Goods	Steel/Tin cans	Textiles/ Used Clothing
GLOUCESTER			677		1,804			175		140
GOSHEN			23		49			13		4
GOSNOLD										
GRAFTON										
GRANBY			86		307	5		279		
GRANVILLE			31		84			30		
GREAT BARRINGTON			30		108			60		1
GREENFIELD		130	403		1,189	142		553		
GROTON	4	122		131	419		43	107	19	24
GROVELAND										
HADLEY										
HALIFAX		42	79		37	137	13	102	277	1
HAMILTON		11	203		440			202		
HAMPDEN		44	49		59	45		15		
HANCOCK			15		37			34		
HANOVER	13	266		98		758	50	550	14	114
HANSON			45			158		164	17	6
HARDWICK		24	35		108			1		6
HARVARD		72		171	68	289	35	156	20	
HARWICH		199		150	76	468	43	767	28	80
HATFIELD			61		166			46		17
HAVERHILL	7			92	2,815		12	200	15	
HAWLEY			14		26					
HEATH			25		42			41		
HINGHAM		197	39	333	1,160		75	458		30
HINSDALE			36		92			45		
HOLBROOK		163				564			61	
HOLDEN			315		775					
HOLLAND										
HOLLISTON										
HOLYOKE		18	323		1,178			259		
HOPEDALE		225	134		333			15		70
HOPKINTON			382		1,127					
HUBBARDSTON										
HUDSON										
HULL										
HUNTINGTON			51		120			32		

Municipality	Aluminum	Cardboard	Commingled Containers	Glass	Mixed Paper	Newspaper	Plastic Containers	Scrap Metal/ White Goods	Steel/Tin cans	Textiles/ Used Clothing
IPSWICH			346		1,126			14		
KINGSTON		35	92			315		352		12
LAKEVILLE		164	110	57	126	194	34	99	26	48
LANCASTER										
LANESBOROUGH										
LAWRENCE		741	255		871			514		
LEE			121		275					
LEICESTER										
LENOX			103		234					
LEOMINSTER		47	347		1,166	104		468		138
LEVERETT		8	57		127			14		3
LEXINGTON										
LEYDEN										
LINCOLN				53	492		15	118	55	
LITTLETON				74	470		38	174	19	27
LONGMEADOW			405		1,375			189		4
LOWELL			990		2,482			548		128
LUDLOW			308		808			140		
LUNENBURG			188		399					
LYNN			205		1,530					
LYNNFIELD			231		725			47		12
MALDEN										
MANCHESTER			204		511			95		
MANSFIELD			580	26	1,638		15	483	8	37
MARBLEHEAD										
MARION			95			214		148		
MARLBOROUGH			576		1,509			172		10
MARSHFIELD			547		1,683			549		5
MASHPEE		273		92	175	292	24	281	13	
MATTAPOISETT										
MAYNARD		50	285			892		103		
MEDFIELD				40	923		20	81	20	
MEDFORD			620			2,346		2,394		
MEDWAY			373		1,149			205		
MELROSE		52	370		1,578			167		22
MENDON			273						116	
MERRIMAC			115		311					

Municipality	Aluminum	Cardboard	Commingled Containers	Glass	Mixed Paper	Newspaper	Plastic Containers	Scrap Metal/ White Goods	Steel/Tin cans	Textiles/ Used Clothing
METHUEN			388		2,271			413		7
MIDDLEBOROUGH		35	48		9	380		387		3
MIDDLEFIELD			14		26			12		4
MIDDLETON				43	344		29	121	9	57
MILFORD			417		1,178			557		24
MILLBURY										
MILLIS										
MILLVILLE										
MILTON			979		2,998			138		86
MONROE										
MONSON			145			399		20		
MONTAGUE			232		601			134		
MONTEREY										
MONTGOMERY										
MOUNT WASHINGTON										
NAHANT			63			190		39		
NANTUCKET										
NATICK			765		2,368					
NEEDHAM		164	832		3,356			832		197
NEW ASHFORD										
NEW BEDFORD		275	540		197	1,332		772		33
NEW BRAintree										
NEW MARLBOROUGH			32		56			35		
NEW SALEM			28		68			13		
NEWBURY			126		318			105		
NEWBURYPORT			482		1,397					30
NEWTON			2,208		8,756			287		422
NORFOLK		133		53	129	226	67	133	12	29
NORTH ADAMS										
NORTH ANDOVER		73	360		1,465			234		8
NORTH ATTLEBOROUGH			750			1,850		114		
NORTH BROOKFIELD	5			26	123	83	8	60	10	20
NORTH READING			215		646			40		
NORTHAMPTON			1,097		1,739			528		115
NORTHBOROUGH			428		1,298					
NORTHBRIDGE			244		440					

Municipality	Aluminum	Cardboard	Commingled Containers	Glass	Mixed Paper	Newspaper	Plastic Containers	Scrap Metal/ White Goods	Steel/Tin cans	Textiles/ Used Clothing
NORTHFIELD			95		213			85		
NORTON										
NORWELL			225		796			94		
NORWOOD										
OAK BLUFFS		146	122			111				
OAKHAM										
ORANGE			91		254			77		12
ORLEANS										
OTIS			58		133			102		
OXFORD	7		17	41	290		8	54	8	
PALMER		120	1,200							
PAXTON										
PEABODY			566			1,976		454		
PELHAM			16		67					
PEMBROKE										
PEPPERELL	12	120		96		151	33	175	21	100
PERU			15		30					
PETERSHAM			17		55					
PHILLIPSTON										
PITTSFIELD			818		2,410					
PLAINFIELD			22		41			13		4
PLAINVILLE			209		489			24		
PLYMOUTH		1,062	285		263	624		687		1,125
PLYMPTON										
PRINCETON										
PROVINCETOWN		357		253		228	22	145	24	
QUINCY	143	469	310	135	1,750	20,100	611		124	4
RANDOLPH			289		1,199			129		
RAYNHAM	4	101		43	129	192	39	267	52	
READING			446		1,427			68		
REHOBOTH										
REVERE			317		970			70		
RICHMOND			55		137			14		
ROCHESTER		5	73			150				
ROCKLAND	3		332	9	838	90	1	102		1
ROCKPORT				113	700		47	122	71	71
ROWE			16		33			30		



Municipality	Aluminum	Cardboard	Commingled Containers	Glass	Mixed Paper	Newspaper	Plastic Containers	Scrap Metal/ White Goods	Steel/Tin cans	Textiles/ Used Clothing
ROWLEY			44		231					
ROYALSTON			37		309			60		10
RUSSELL			33		72			31		
RUTLAND										
SALEM			449		1,473			650		
SALISBURY			20			33				
SANDISFIELD										
SANDWICH		168		116	355		63	711		66
SAUGUS			252		1,500					
SAVOY			12		29					
SCITUATE			491		892	926		240	135	5
SEEKONK			400		1,217			28		104
SHARON			1,948					79		
SHEFFIELD			110		201			100		
SHELBURNE			55		125			23		
SHERBORN			179		627			99		15
SHIRLEY										
SHREWSBURY										
SHUTESBURY			48		137			8		0
SOMERSET			1,588					115		
SOMERVILLE			1,303		2,991					
SOUTH HADLEY			421		1,178			106		28
SOUTHAMPTON			189		486			389		7
SOUTHBOROUGH	0		336			499		279	0	77
SOUTHBRIDGE										
SOUTHWICK			105		355			240		
SPENCER				46	502		75	209	21	105
SPRINGFIELD			1,474		4,040			750		
STERLING		136	206		487			140		5
STOCKBRIDGE			445		495			53		
STONEHAM			781		713			336		100
STOUGHTON		7	361			610		244		
STOW										
STURBRIDGE	4	71		47	104	122	18	61	14	8
SUDBURY		118		86	209	219	39	156		19
SUNDERLAND			75		177			18		
SUTTON		180		29	146		20	525	8	

Municipality	Aluminum	Cardboard	Commingled Containers	Glass	Mixed Paper	Newspaper	Plastic Containers	Scrap Metal/ White Goods	Steel/Tin cans	Textiles/ Used Clothing
SWAMPSCOTT			261		889			125		
SWANSEA										
TAUNTON			1,054			2,611		200		
TEMPLETON		25	145		280					
TEWKSBURY			389		1,019			125		
TISBURY		109	284			49		67		3
TOLLAND										
TOPSFIELD			225		624			38		
TOWNSEND			293		598			26		
TRURO		52		97	107		10	117	11	
TYNGSBOROUGH			347		750			46		
TYRINGHAM			20		39					
UPTON			230		459			16		10
UXBRIDGE			131	4	487				208	
WAKEFIELD			365		1,289			153		
WALES			18		45			16		
WALPOLE			418		1,674					10
WALTHAM		33	873		2,699			290		
WARE										
WAREHAM		19	71			161		13		
WARREN										
WARWICK			26		47			34		
WASHINGTON										
WATERTOWN		879	621	6	12	1,043		149		
WAYLAND		211	150	130	1,177		10	290		199
WEBSTER										
WELLESLEY		464				2,073	84	485	39	166
WELLFLEET		72		125	3	136	136	420	21	5
WENDELL			35		62			40		
WENHAM										
WEST BOYLSTON			130		425					
WEST BRIDGEWATER		81	75			177		30		10
WEST BROOKFIELD										
WEST NEWBURY			191			354		138		
WEST SPRINGFIELD			416		1,192			318		
WEST STOCKBRIDGE			43		102			8		
WEST TISBURY		19	12	17		46		26		

Municipality	Aluminum	Cardboard	Commingled Containers	Glass	Mixed Paper	Newspaper	Plastic Containers	Scrap Metal/ White Goods	Steel/Tin cans	Textiles/ Used Clothing
WESTBOROUGH		147	52	73	13	566		450		100
WESTFIELD			919		2,684			603		
WESTFORD			620		1,925			213		
WESTHAMPTON			65		108					
WESTMINSTER		69	41			97		276		8
WESTON				125	288	498	51	124		11
WESTPORT		109	147	50	106	198	33	161	80	17
WESTWOOD			347			1,460		73		
WEYMOUTH			731			2,324		156		
WHATELY			36		106			5		
WHITMAN										
WILBRAHAM			218		951		48	243		1
WILLIAMSBURG			81		198			61		15
WILLIAMSTOWN			106		331			76		
WILMINGTON			322		1,086			414		
WINCHENDON	17	63		90	148	84	46	236	25	9
WINCHESTER			101	231	1,179			237		92
WINDSOR			21		63			19		
WINTHROP			352		360	860		14		
WOBURN			525		1,412			347		
WORCESTER			2,809		7,217			273		5
WORTHINGTON			44		95			33		12
WRENTHAM			349		1,040			121		
YARMOUTH		338	370		928			995		133
<b>TOTALS</b>	<b>329</b>	<b>13,643</b>	<b>84,902</b>	<b>5,618</b>	<b>211,113</b>	<b>62,001</b>	<b>2,680</b>	<b>59,725</b>	<b>2,557</b>	<b>6,916</b>



## APPENDIX D

### Available Municipal Recycling Access by Material

#### *Recycling Collection Method and Materials Accepted*

Municipality	Collection Method	Leaves/Yard Waste	Christmas Trees	Food/kitchen scraps	Newspaper	Magazines	Junk Mail	White Paper	Cardboard	Paperboard	Phonebooks	Waxed cartons	Aseptic cartons	Clear glass	Brown Glass	Green Glass	Glass	#1 (PET) plastic	#2 (HDPE) plastic	Aluminum cans	Steel/Tin	Aerosol cans	White Goods	Scrap Metal	C&D debris	Textiles	Swap Shop	
ABINGTON	curb	X			X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X					
ACTON	drop	X	X		X	X	X	X	X		X			X	X	X	X	X	X	X	X		X	X				
ACUSHNET	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X	X				
ADAMS	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
AGAWAM	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X	X				
ALFORD	drop				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
AMESBURY	curb	X	X		X	X	X	X	X	X	X			X	X	X	X		X	X	X							
AMHERST	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ANDOVER	curb	X			X	X	X	X	X	X	X			X	X	X	X	X	X	X	X			X		X		
AQUINNAH	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ARLINGTON	sub	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X		
ASHBURNHAM	curb	X			X	X	X	X	X		X			X	X	X		X	X	X	X	X	X	X	X	X		
ASHBY	drop				X	X	X	X	X	X				X	X	X	X	X	X	X	X			X				
ASHFIELD	curb				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X
ASHLAND	sub	X	X		X	X	X	X	X	X	X			X	X	X	X			X	X		X					
ATHOL	curb				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X		X		
ATTLEBORO	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X				
AUBURN	curb	X	X		X	X	X	X	X		X			X	X	X		X	X	X	X		X					
AVON	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X					
AYER	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X	X		X	X	X
BARNSTABLE	drop	X	X	X	X	X	X	X	X	X	X			X	X	X		X	X	X	X	X	X	X	X	X	X	X
BARRE	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BECKET	curb				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X				
BEDFORD	drop	X			X	X	X	X	X	X	X			X	X	X		X	X	X	X		X	X				
BELCHERTOWN	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X	X		X		
BELLINGHAM	curb	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X		X				
BELMONT	drop	X			X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		X					
BERKLEY	drop	X	X		X	X	X	X	X	X	X			X	X	X		X	X	X	X	X	X	X	X	X	X	X
BERLIN	drop		X		X	X	X	X	X					X	X	X	X	X	X	X	X		X	X		X	X	X
BERNARDSTON	curb				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BEVERLY	curb	X			X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X					
BILLERICA	curb	X			X	X	X	X	X		X			X	X	X	X	X	X	X	X	X	X					
BLACKSTONE	drop	X	X		X	X	X	X	X	X	X	X	X	X				X	X	X	X		X	X	X	X	X	X
BLANDFORD	drop				X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X				
BOLTON	curb		X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		X	X		X		
BOSTON	curb	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X
BOURNE	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BOXBOROUGH	curb				X	X	X	X	X	X	X			X	X	X		X	X	X	X		X	X				
BOXFORD	sub		X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X	X	X	X	X	

Municipality	Collection Method	Leaves/Yard Waste	Christmas Trees	Food/kitchen scraps	Newspaper	Magazines	Junk Mail	White Paper	Cardboard	Paperboard	Phonebooks	Waxed cartons	Aseptic cartons	Clear glass	Brown Glass	Green Glass	Glass	#1 (PET) plastic	#2 (HDPE) plastic	Aluminum cans	Steel/Tin	Aerosol cans	White Goods	Scrap Metal	C&D debris	Textiles	Swap Shop
BOYLSTON	curb																										
BRAINTREE	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X		X	
BREWSTER	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X		X	X
BRIDGEWATER	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X		X	
BRIMFIELD	curb				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
BROCKTON	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BROOKFIELD	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X		X	X
BROOKLINE	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
BUCKLAND	curb				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
BURLINGTON	curb	X			X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X			
CAMBRIDGE	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	
CANTON	drop	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X		X	
CARLISLE	sub	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X
CARVER	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X			
CHARLEMONT	sub				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
CHARLTON	drop																										
CHATHAM	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X
CHELMSFORD	curb	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	
CHELSEA	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X			
CESHIRE	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
CHESTER	drop				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	
CHESTERFIELD	curb				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CHICOPEE	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
CHILMARK	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X
CLARKSBURG	drop	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CLINTON	drop	X			X	X	X	X			X			X	X	X		X	X	X	X	X	X	X			
COHASSET	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
COLRAIN	curb				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
CONCORD	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CONWAY	drop				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CUMMINGTON	drop				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
DALTON	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	
DANVERS	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X		X	
DARTMOUTH	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X		X	
DEDHAM	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
DEERFIELD	drop				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
DENNIS	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X
DIGHTON	drop	X	X		X	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X			
DOUGLAS	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X		X	
DOVER	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X
DRACUT	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	
DUDLEY	drop	X	X		X	X		X	X		X			X	X	X	X	X	X	X	X	X	X	X	X	X	X
DUNSTABLE	drop				X	X	X	X	X		X			X	X	X	X	X	X	X	X	X	X	X			
DUXBURY	curb	X	X		X	X			X	X				X	X	X	X	X		X	X	X	X	X	X	X	X
EAST BRIDGEWATER	curb													X	X	X	X	X	X	X	X	X	X	X			
EAST BROOKFIELD	curb	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
EAST LONGMEADOW	drop	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X			



Municipality	Collection Method	Leaves/Yard Waste	Christmas Trees	Food/kitchen scraps	Newspaper	Magazines	Junk Mail	White Paper	Cardboard	Paperboard	Phonebooks	Waxed cartons	Aseptic cartons	Clear glass	Brown Glass	Green Glass	Glass	#1 (PET) plastic	#2 (HDPE) plastic	Aluminum cans	Steel/Tin	Aerosol cans	White Goods	Scrap Metal	C&D debris	Textiles	Swap Shop
HOLDEN	curb	X			X	X	X							X	X	X		X	X	X	X		X	X			
HOLLAND	sub	X																									
HOLLISTON	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X	X			
HOLYOKE	curb	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X			
HOPEDALE	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HOPKINTON	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X	X			
HUBBARDSTON	drop		X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X		X	
HUDSON	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HULL	drop		X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X		X	
HUNTINGTON	drop				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
IPSWICH	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X						
KINGSTON	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X	X	X	X	
LAKEVILLE	drop	X	X		X	X			X	X	X			X	X	X	X	X	X	X	X		X	X	X	X	
LANCASTER	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X	X		X	X
LANESBOROUGH	drop				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X
LAWRENCE	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X			
LEE	curb		X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LEICESTER	drop	X			X	X	X	X	X		X			X	X	X		X	X	X	X	X	X	X			
LEX	sub	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	
LEOMINSTER	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	
LEVERETT	drop				X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LEXINGTON	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X		X	
LEYDEN	drop				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
LINCOLN	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X	X			X
LITTLETON	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X	X		X	X
LONGMEADOW	curb	X	X		X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X
LOWELL	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	
LUDLOW	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X			
LUNENBURG	curb	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X					
LYNN	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X						
LYNNFIELD	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MALDEN	curb	X			X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X				
MANCHESTER	curb	X	X		X	X	X	X	X		X		X	X	X	X	X	X	X	X	X		X	X			
MANSFIELD	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X			X	
MARBLEHEAD	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X	X		X	X
MARION	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X	X			
MARLBOROUGH	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X		X	X	
MARSHFIELD	curb	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MASHPEE	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X		X	X		X	
MATTAPOISETT	curb	X	X		X			X						X	X	X	X	X	X	X	X		X	X		X	X
MAYNARD	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MEDFIELD	drop	X	X		X	X	X	X	X		X			X	X	X		X	X	X	X		X	X			X
MEDFORD	curb	X	X		X	X	X	X	X		X		X	X	X	X	X	X	X	X	X		X	X			
MEDWAY	curb				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X			
MELROSE	curb	X	X		X	X		X	X	X	X			X	X	X		X	X	X	X		X	X		X	
MENDON	curb				X	X	X	X	X	X	X			X	X	X		X	X	X	X		X	X			
MERRIMAC	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X						
METHUEN	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	



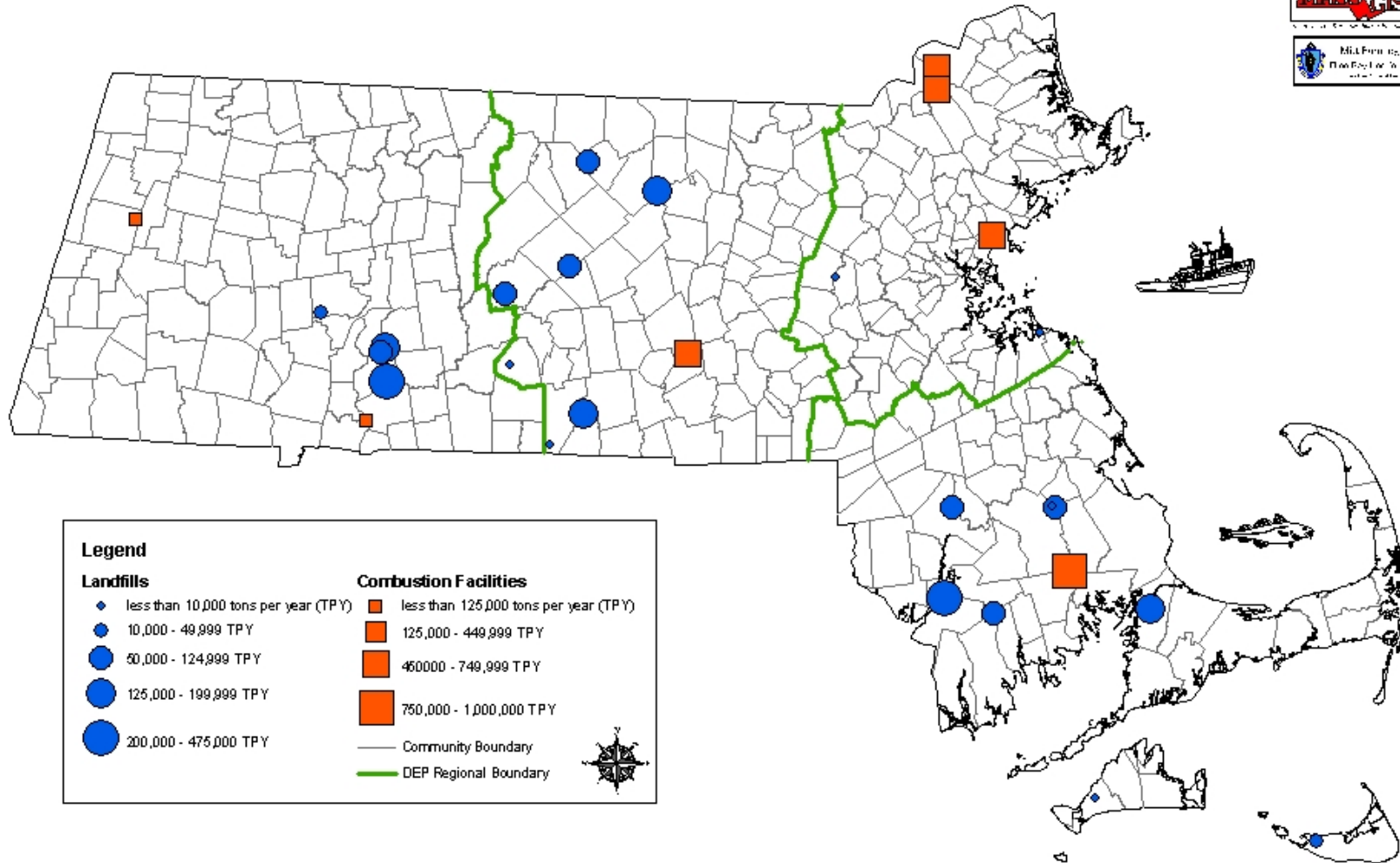
Municipality	Collection Method	Leaves/Yard Waste	Christmas Trees	Food/kitchen scraps	Newspaper	Magazines	Junk Mail	White Paper	Cardboard	Paperboard	Phonebooks	Waxed cartons	Aseptic cartons	Clear glass	Brown Glass	Green Glass	Glass	#1 (PET) plastic	#2 (HDPE) plastic	Aluminum cans	Steel/Tin	Aerosol cans	White Goods	Scrap Metal	C&D debris	Textiles	Swap Shop	
MIDDLEBOROUGH	curb	X	X		X	X		X	X					X	X	X	X	X	X	X	X		X	X	X			
MIDDLEFIELD	drop				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	
MIDDLETON	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X		X	X		X	
MILFORD	curb	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		
MILLBURY	drop	X	X	X	X	X	X		X		X			X	X	X	X	X	X	X	X		X	X		X		
MILLIS	drop	X	X		X	X	X	X	X	X	X			X	X	X	X			X	X	X	X	X			X	
MILLVILLE	curb				X			X	X	X				X	X	X	X	X	X	X	X							
MILTON	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
MONROE	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
MONSON	curb				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
MONTAGUE	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		
MONTEREY	drop				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MONTGOMERY	curb				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
MOUNT WASHINGTON	drop				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X				
NAHANT	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X		X	X			
NANTUCKET	drop	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NATICK	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X			
NEEDHAM	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
NEW ASHFORD	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X			X
NEW BEDFORD	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X		X	X		X	
NEW BRAINTREE	drop				X	X	X	X	X	X	X			X	X	X		X	X	X	X	X	X	X	X	X	X	X
NEW MARLBOROUGH	drop				X	X	X	X	X		X			X	X	X	X	X	X	X	X	X		X	X			
NEW SALEM	drop				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X		
NEWBURY	sub				X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X		X	X		X	
NEWBURYPORT	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X						
NEWTON	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NORFOLK	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NORTH ADAMS	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X		X	X			
NORTH ANDOVER	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X		X			X	
NORTH ATTLEBOROUGH	curb	X			X	X	X	X	X		X			X	X	X		X	X	X	X	X		X	X			
NORTH BROOKFIELD	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NORTH READING	curb	X			X	X	X		X		X			X	X	X	X	X	X	X	X	X						
NORTHAMPTON	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
NORTHBOROUGH	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X						
NORTHBRIDGE	sub	X	X																									
NORTHFIELD	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X			
NORTON	sub	X																							X			
NORWELL	curb	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X			X
NORWOOD	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X
OAK BLUFFS	drop	X	X		X	X			X		X			X	X	X	X	X	X	X	X							
OAKHAM	drop				X	X	X	X	X	X	X			X	X	X		X	X	X	X	X		X	X	X	X	
ORANGE	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	
ORLEANS	drop	X			X	X			X		X			X	X	X		X	X	X	X	X		X	X			
OTIS	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
OXFORD	sub	X	X		X	X			X					X	X	X	X	X	X				X	X			X	

Municipality	Collection Method	Leaves/Yard Waste	Christmas Trees	Food/kitchen scraps	Newspaper	Magazines	Junk Mail	White Paper	Cardboard	Paperboard	Phonebooks	Waxed cartons	Aseptic cartons	Clear glass	Brown Glass	Green Glass	Glass	#1 (PET) plastic	#2 (HDPE) plastic	Aluminum cans	Steel/Tin	Aerosol cans	White Goods	Scrap Metal	C&D debris	Textiles	Swap Shop
PALMER	drop	X	X		X	X	X	X	X	X	X		X	X				X	X								
PAXTON	curb	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X	X		X	X	X	X	X
PEABODY	curb	X			X	X		X					X	X	X	X				X	X		X	X			
PELHAM	drop				X	X	X	X	X	X	X		X	X	X	X		X	X	X							
PEMBROKE	drop	X			X	X	X	X	X		X		X	X	X	X		X	X	X	X		X	X		X	X
PEPPERELL	drop		X		X			X	X		X		X	X	X	X		X	X	X	X		X	X	X	X	
PERU	drop				X	X	X	X	X	X	X	X		X	X	X		X	X								
PETERSHAM	drop				X	X	X	X	X	X	X		X	X	X	X		X	X	X	X		X	X			
PHILLIPSTON	drop	X			X	X	X	X	X	X	X		X	X	X	X		X	X	X	X		X	X			
PITTSFIELD	curb	X			X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
PLAINFIELD	drop				X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X	X	
PLAINVILLE	curb	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X	X		X	X			
PLYMOUTH	drop	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X	X	X	X	X		X	
PLYMPTON	drop		X		X	X	X	X	X			X		X	X	X		X	X	X	X		X	X			
PRINCETON	sub																						X	X			
PROVINCETOWN	curb	X	X		X	X	X	X	X		X		X	X	X	X		X	X	X	X		X	X			X
QUINCY	curb	X	X		X	X	X	X	X	X	X	X		X	X	X		X	X	X	X		X				
RANDOLPH	curb	X			X	X		X	X	X	X		X	X	X	X		X	X	X	X		X				
RAYNHAM	drop	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X	X		X	X	X		
READING	curb	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X	X		X	X			
REHOBOTH	drop	X	X		X			X	X				X	X	X		X	X	X	X	X	X	X	X		X	X
REVERE	curb	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X	X		X	X			
RICHMOND	curb				X	X	X	X	X	X	X		X	X	X	X		X	X	X	X		X	X			
ROCHESTER	curb	X	X		X	X	X	X	X	X			X	X	X	X		X	X	X	X					X	
ROCKLAND	curb	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X	X		X	X	X	X	
ROCKPORT	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
ROWE	drop				X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X		
ROWLEY	drop				X	X	X	X	X	X	X		X	X	X		X	X	X	X	X		X	X			
ROYALSTON	drop				X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X	X	X
RUSSELL	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X			
RUTLAND	drop	X			X	X																	X	X			
SALEM	curb	X	X		X	X	X	X	X	X								X	X	X	X		X				
SALISBURY	drop	X	X		X	X	X	X		X			X	X	X	X		X	X	X	X						
SANDISFIELD	drop				X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X		
SANDWICH	drop	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X	X		X	X		X	
SAUGUS	curb	X			X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X				
SAVOY	drop				X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X						
SCITUATE	drop	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X	X	X	X	X	X	X	X
SEEKONK	curb	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X	X	X	X			X	
SHARON	curb	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X	X	X	X				
SHEFFIELD	drop				X	X	X	X	X	X	X		X	X	X	X		X	X	X	X		X	X		X	X
SHELBURNE	drop				X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X		
SHERBORN	drop				X	X	X	X	X	X	X	X		X	X	X		X	X	X	X	X	X	X		X	X
SHIRLEY	drop	X			X	X	X	X	X	X	X		X	X	X	X		X	X	X	X						
SHREWSBURY	curb	X			X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X					
SHUTESBURY	curb				X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X		X	X
SOMERSET	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
SOMERVILLE	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X			

Municipality	Collection Method	Leaves/Yard Waste	Christmas Trees	Food/kitchen scraps	Newspaper	Magazines	Junk Mail	White Paper	Cardboard	Paperboard	Phonebooks	Waxed cartons	Aseptic cartons	Clear glass	Brown Glass	Green Glass	Glass	#1 (PET) plastic	#2 (HDPE) plastic	Aluminum cans	Steel/Tin	Aerosol cans	White Goods	Scrap Metal	C&D debris	Textiles	Swap Shop
SOUTH HADLEY	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
SOUTHAMPTON	drop	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SOUTHBOROUGH	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X
SOUTHBRIDGE	curb	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X		
SOUTHWICK	drop	X	X		X	X	X	X	X		X			X	X	X	X	X	X	X	X	X	X	X			
SPENCER	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X
SPRINGFIELD	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X			
STERLING	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X
STOCKBRIDGE	drop				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X
STONEHAM	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	
STOUGHTON	curb	X	X		X									X	X	X		X	X	X	X		X	X		X	
STOW	sub				X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X			
STURBRIDGE	drop	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
SUDBURY	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X
SUNDERLAND	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
SUTTON	drop	X	X		X	X		X	X		X			X	X	X	X	X	X	X	X	X	X	X			X
SWAMPSCOTT	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
SWANSEA	curb	X	X		X	X		X	X					X	X	X	X	X	X	X	X	X	X	X			
TAUNTON	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X
TEMPLETON	sub	X	X																								
TEWKSBURY	curb	X	X		X	X	X	X	X	X	X			X	X	X	X			X	X		X	X	X		
TISBURY	curb	X	X		X	X			X		X			X	X	X	X	X	X	X	X	X	X	X		X	
TOLLAND	drop				X	X	X	X	X	X		X		X	X	X	X	X	X	X	X	X					
TOPSFIELD	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X			
TOWNSEND	curb	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X		X	
TRURO	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X		X	X
TYNGSBOROUGH	curb	X			X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X			
TYRINGHAM	drop				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X
UPTON	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	
UXBRIDGE	sub	X						X																			
WAKEFIELD	curb	X	X		X	X	X	X	X		X			X	X	X	X	X	X	X	X	X	X				
WALES	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X		X	
WALPOLE	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	
WALTHAM	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
WARE	sub																										
WAREHAM	curb				X	X		X	X	X	X			X	X	X	X	X	X	X	X	X	X				
WARREN	drop	X	X		X	X	X	X	X	X	X			X	X	X		X	X	X	X	X	X	X		X	
WARWICK	drop				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
WASHINGTON	drop				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	
WATERTOWN	curb	X	X		X	X		X	X		X			X	X	X	X	X	X	X	X	X	X	X			
WAYLAND	drop	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WEBSTER	drop	X	X		X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X		X	X
WELLESLEY	drop	X	X		X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X
WELLFLEET	drop	X	X		X			X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X
WENDELL	drop				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X
WENHAM	curb	X			X									X	X	X	X	X	X	X	X	X	X	X			
WEST BOYLSTON	curb	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					

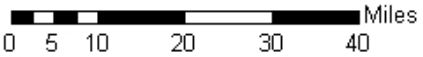


# Integrated Solid Waste Management System: Disposal Facilities (2003)



**Legend**

<b>Landfills</b>	<b>Combustion Facilities</b>
◆ less than 10,000 tons per year (TPY)	■ less than 125,000 tons per year (TPY)
● 10,000 - 49,999 TPY	■ 125,000 - 449,999 TPY
● 50,000 - 124,999 TPY	■ 450,000 - 749,999 TPY
● 125,000 - 199,999 TPY	■ 750,000 - 1,000,000 TPY
● 200,000 - 475,000 TPY	— Community Boundary
	— DEP Regional Boundary



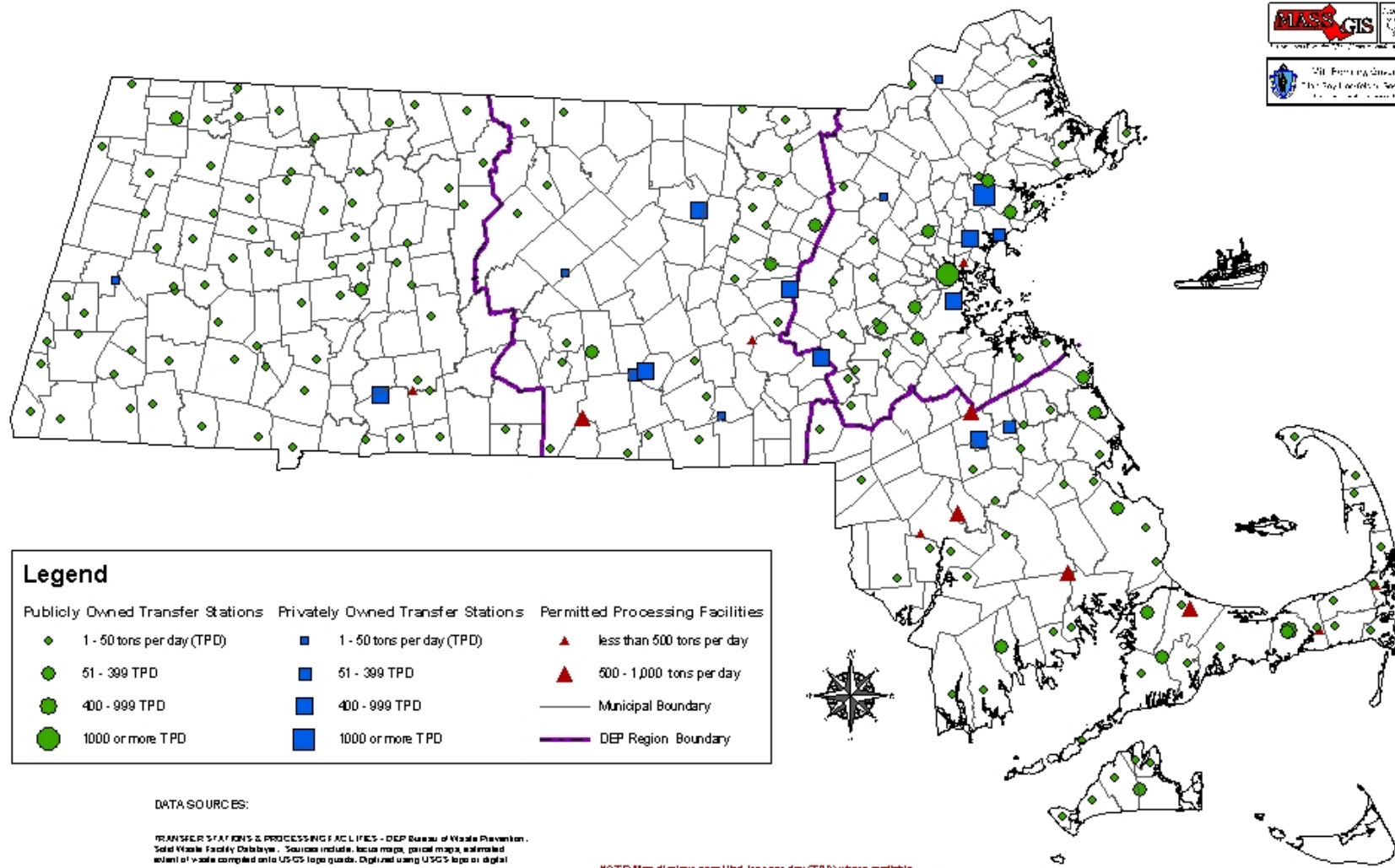
**Data Sources**

**LANDFILLS AND COMBUSTION FACILITIES** - DEP Bureau of Waste Prevention, Solid Waste Facility Database. Sources include: town maps, parcel maps, estimated weight of waste compiled into USGS topographic. Digitized using USGS logs as digital orthophoto base, 1:25,000, June 2002. Tonnage information from DEP BWP Solid Waste Database, May 2003.

**MUNICIPAL BOUNDARIES** - ECOMassGIS. Boundaries digitized from 1:25,000 USGS quadrangle maps.

**DEP REGIONAL BOUNDARIES** - ECOMassGIS. Based on municipal boundaries described above.

# Active Transfer Stations & Processing Facilities: 2004



## Legend

Publicly Owned Transfer Stations	Privately Owned Transfer Stations	Permitted Processing Facilities
● 1 - 50 tons per day (TPD)	■ 1 - 50 tons per day (TPD)	▲ less than 500 tons per day
● 51 - 399 TPD	■ 51 - 399 TPD	▲ 500 - 1,000 tons per day
● 400 - 999 TPD	■ 400 - 999 TPD	— Municipal Boundary
● 1000 or more TPD	■ 1000 or more TPD	— DEP Region Boundary

### DATA SOURCES:

**TRANSFER STATIONS & PROCESSING FACILITIES** - DEP Bureau of Waste Prevention, Solid Waste Facility Database. Sources include local maps, aerial maps, estimated extent of waste compiled onto USGS topographic. Digitized using USGS topographic base, 1:25,000, June 2002. The file of 320 transfer stations and processing facilities are entered, located via address matching. Tonnage information from DEP SWP Solid Waste Database, May 2003. Permitted Processing Facilities include Municipal Solid Waste and/or Construction and Demolition Debris processing facilities.

**MUNICIPAL BOUNDARIES** - COE/MassGIS. Boundaries digitized from 1:25,000 USGS quadrangle maps.

**DEP REGIONAL BOUNDARIES** - COE/MassGIS. Based on municipal boundaries described above.

**NOTE:** Map displays permitted tons per day (TPD) where available. Reported tonnage was used when permitted tonnage was not available.

