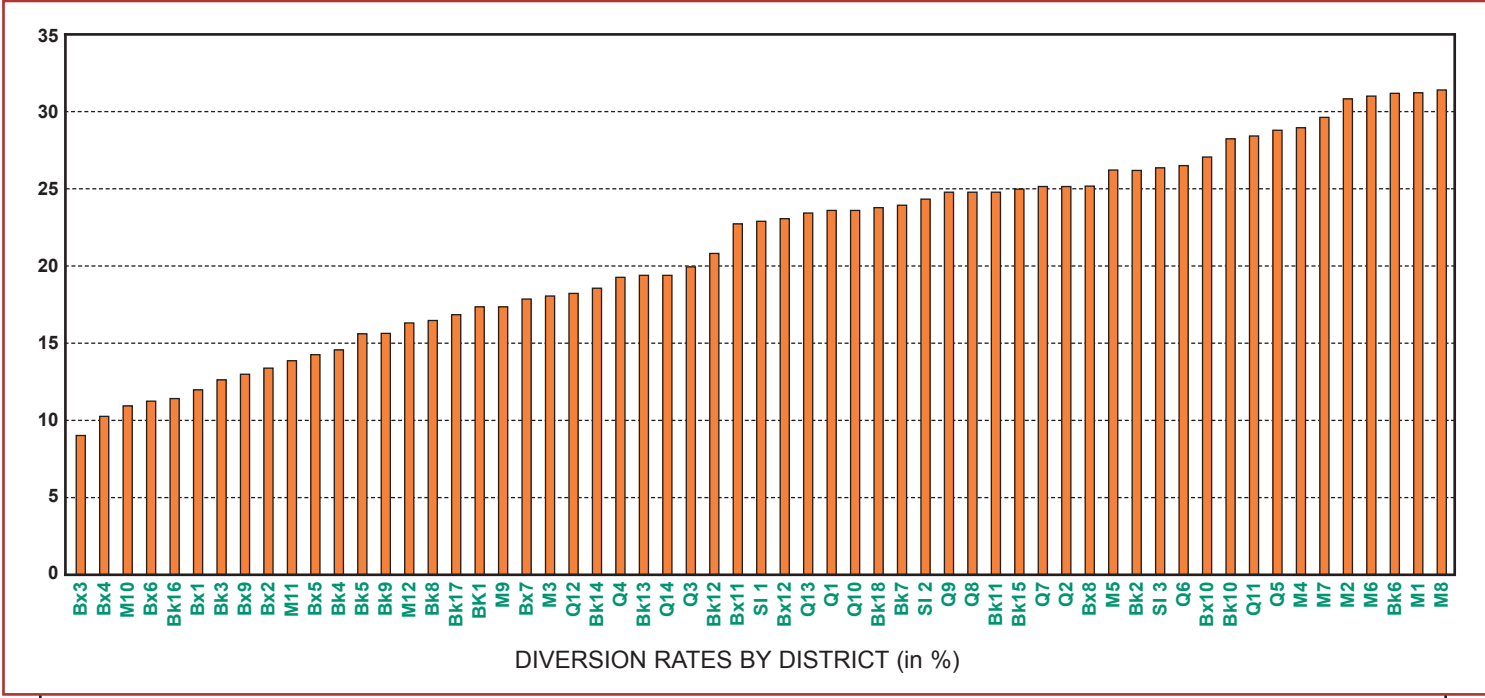
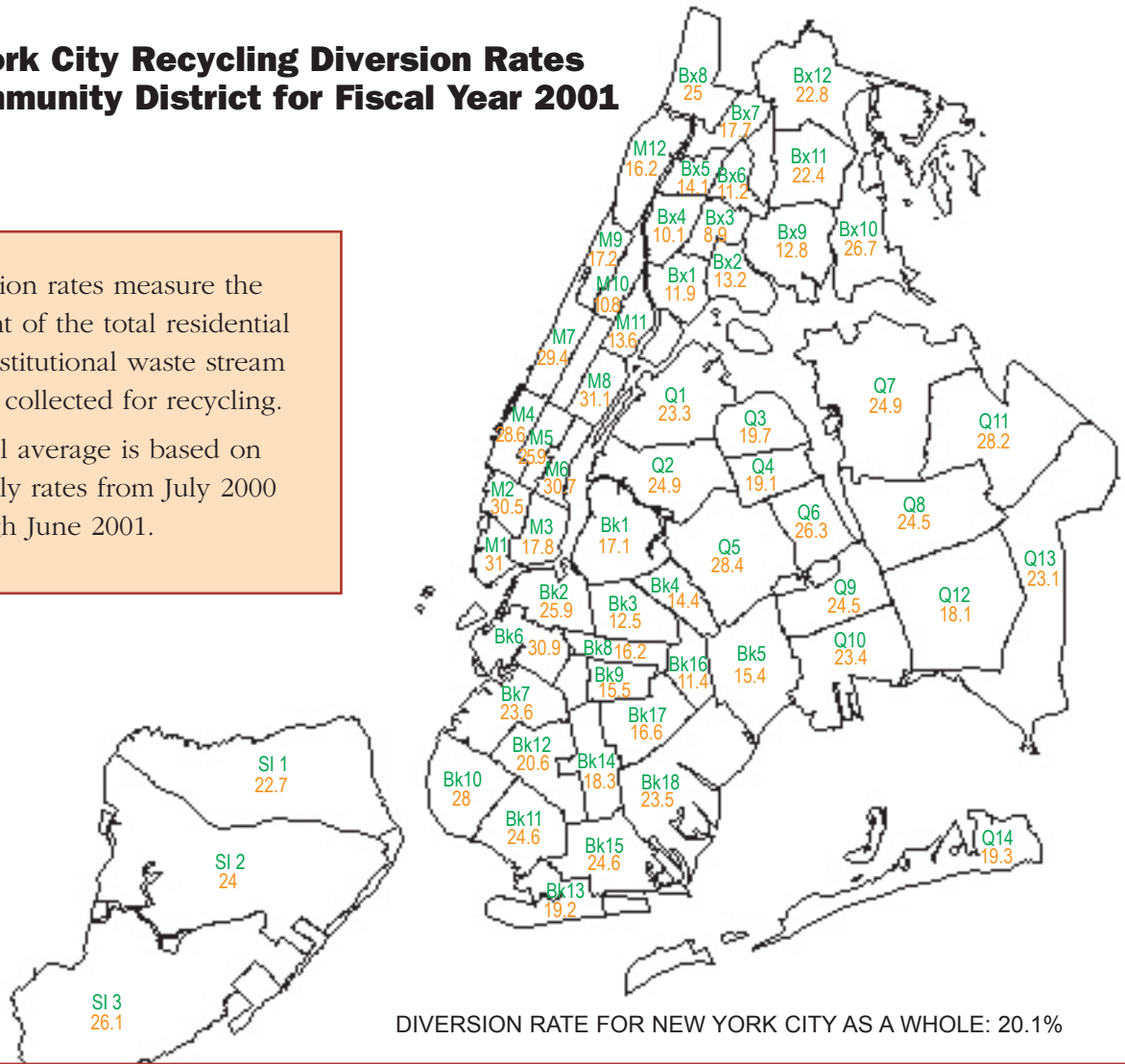


New York City Recycling Diversion Rates by Community District for Fiscal Year 2001

Diversion rates measure the percent of the total residential and institutional waste stream that is collected for recycling. Annual average is based on monthly rates from July 2000 through June 2001.



Appendix IV

Source Data

Source:	Waste News, February 18, 2001								DOS Calculations					
	Total recycling tons reported	Paper	Metal	Plastic	Glass	Yard	Other	Includes commercial?	Reported diversion rate	Implied base	Base without Yard & Other	Working adjusted diversion rate	Diversion without yard waste	
Austin	47,180	22,105	1,105	809	3,458	16,686	3,017		28.5%	165,544	145,841	18.8%	20.5%	
Baltimore	119,665	19,156	10,825	N/A	44	6,369	83,271	y	35.3%	338,994	249,354	8.8%	33.8%	
Boston	42,000	15,000	24,000 (MGP combined)			3,000	N/A		14.0%	300,000	297,000	13.0%	13.1%	
Charlotte	70,739	26,888	(paper & MGP combined)			32,231	11,620		24.0%	294,746	250,895	9.1%	14.7%	
Chicago	2,287,708	545,499	117,168	2,197	22,741	176,472	1,423,631	y	47.9%	4,776,008	3,175,905	21.7%	45.9%	
Cleveland	6,000	information not provided						N/A		2.0%	300,000	300,000	2.0%	0.0%
Columbus	34,211	8,581	1,944	1,038	2,189	20,316	143		9.7%	352,691	332,232	4.1%	4.2%	
Dallas	8,387	6,506	269	229	897	486	N/A		19.0%	44,142	43,656	18.1%	18.1%	
Denver	17,511	12,909	511	339	3,227	270	255		7.5%	233,480	232,955	7.3%	7.4%	
Detroit	42,649	162	35,578	32	10	6,826	41		7.2%	592,347	585,480	6.1%	6.1%	
El Paso	13,850	3,556	347	180	N/A	9,333	434	y	4.0%	346,250	336,483	1.2%	1.3%	
Fort Worth	19,511	13,635	1,405	1,405	3,066	N/A	N/A		7.2%	270,986	270,986	7.2%	7.2%	
Houston	66,000	15,000	2,450	1,350	350	30,500	16,350		16.0%	412,500	365,650	5.2%	9.3%	
Indianapolis	29,452	9,452	(paper & MGP combined)			6,000	14,000	y	24.0%	122,717	102,717	9.2%	20.1%	
Jacksonville	563,696	148,096	221,436	5,028	17,453	132,918	38,765	y	39.0%	1,445,374	1,273,691	30.8%	32.8%	
Los Angeles	691,870	137,499	8,112	2,900	19,224	454,803	69,332		40.9%	1,691,614	1,167,479	14.4%	19.2%	
Memphis	78,808	6,039	705	1,107	2,214	68,743	N/A		19.9%	396,020	327,277	3.1%	3.1%	
Milwaukee	58,128	23,418	1,501	1,490	4,727	23,119	3,873		28.0%	207,600	180,608	17.2%	19.0%	
Nashville	73,305	information not provided							8.0%			8.0%	8.0%	
New York	749,000	423,000	305,000	(MGP combined)		21,000	N/A		19.7%	3,802,030	3,781,030	19.2%	19.3%	
Oklahoma City	10,000	7,400	600	1,000	1,000	N/A	N/A		23.6%	42,373	42,373	23.6%	23.6%	
Philadelphia*	44,794	32,314	12,480	(MGP combined)		N/A	N/A	y	32.5%	137,828	137,828	6.2%	6.3%	
Phoenix	106,970	92,422	5,241	4,493	4,814	N/A	N/A		18.0%	594,278	594,278	18.0%	18.0%	
Portland**	not reported in Waste News, see Appendix V							y	53.6%			35.7%	39.9%	
San Antonio	45,408	17,953	945	1,877	2,672	N/A	21,961		26.3%	172,654	150,693	15.6%	26.3%	
San Diego	62,953	23,400	604	860	2,424	35,665	N/A		46.0%	136,854	101,189	27.0%	27.0%	
San Francisco	568,138	144,317	18,638	2,659	22,954	12,148	367,422	y	42.0%	1,352,710	973,140	19.4%	41.5%	
San Jose	214,260	62,919	N/A	N/A	9,813	123,277	18,251	y	47.0%	455,872	314,344	23.1%	27.4%	
Seattle	102,500	46,800	2,300	700	13,000	39,700	N/A	y	52.0%	197,115	157,415	39.9%	39.9%	
Washington	21,706	15,045	473	672	3,673	N/A	1,843		17.0%	127,682	125,839	15.8%	17.0%	

Notes: *Philadelphia's reported residential rate is used as its adjusted rate.
 **Portland's tonnages are from its own report, see Appendix V.

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Appendix IV (continued)

Source Data

Source:	2000 Census	DOS Calculation	1990 Census										
	Population 2000	Pounds yard waste per capita	Total household units	1, detached	1, attached	2	3 or 4	5 to 9	10 to 19	20 to 49	50 or more	mobile home or trailer	other
Austin	552,434	60	216,940	45.7%	6.1%	5.2%	4.6%	6.0%	10.5%	9.6%	9.7%	1.4%	1.1%
Baltimore	645,593	20	303,707	11.3%	52.9%	7.0%	7.3%	6.3%	5.5%	1.7%	7.0%	0.0%	1.0%
Boston	555,447	11	250,864	11.0%	4.6%	14.4%	25.9%	12.0%	10.6%	9.4%	11.0%	0.1%	1.1%
Charlotte	504,637	128	170,407	55.1%	4.7%	4.1%	6.2%	11.8%	10.0%	4.6%	1.7%	1.0%	0.8%
Chicago	2,802,079	126	1,133,040	23.3%	2.8%	18.8%	14.0%	11.0%	6.7%	7.1%	15.1%	0.1%	1.1%
Cleveland	495,817	0	224,312	41.5%	8.2%	19.8%	7.9%	5.6%	5.1%	3.0%	6.1%	0.5%	2.3%
Columbus	670,234	61	278,103	45.3%	8.1%	5.2%	10.3%	11.9%	9.3%	5.0%	3.3%	0.7%	0.8%
Dallas	1,075,894	1	465,580	44.1%	3.8%	2.2%	4.9%	10.2%	11.8%	9.1%	11.8%	1.0%	1.2%
Denver	499,055	1	239,637	47.4%	6.6%	3.5%	4.1%	5.1%	9.1%	11.5%	11.5%	0.3%	0.9%
Detroit	970,196	14	410,028	59.3%	6.6%	12.1%	3.3%	2.4%	3.8%	4.6%	6.2%	0.1%	1.7%
El Paso	615,032	30	168,626	60.1%	5.7%	2.5%	4.2%	6.7%	6.1%	4.1%	6.1%	3.2%	1.2%
Fort Worth	491,801	0	194,429	60.8%	3.2%	4.5%	4.6%	7.1%	8.3%	5.5%	3.7%	1.4%	1.1%
Houston	1,786,691	34	726,403	45.8%	5.1%	2.2%	4.0%	6.6%	10.8%	6.7%	16.6%	0.9%	1.4%
Indianapolis	741,304	16	319,959	55.2%	7.9%	2.9%	5.7%	9.7%	9.3%	4.2%	2.7%	1.6%	0.8%
Jacksonville	693,630	383	267,149	58.0%	4.5%	2.9%	5.1%	6.5%	6.4%	3.3%	4.4%	8.0%	0.9%
Los Angeles	3,597,556	253	1,299,964	39.2%	5.9%	3.2%	6.4%	9.6%	11.2%	13.5%	9.2%	0.6%	1.2%
Memphis	603,507	228	248,574	58.2%	4.9%	4.3%	5.6%	10.1%	7.9%	3.4%	3.7%	0.8%	1.0%
Milwaukee	578,364	80	254,205	37.0%	4.6%	25.7%	8.1%	5.8%	4.5%	6.7%	5.6%	0.2%	1.9%
Nashville	510,274	0	219,522	48.7%	6.5%	7.7%	4.1%	6.7%	11.5%	7.1%	5.2%	1.7%	0.9%
New York	8,000,000	5	2,992,170	8.4%	5.9%	12.8%	8.7%	6.8%	6.7%	17.2%	31.8%	0.0%	1.7%
Oklahoma City	472,221	0	212,391	62.6%	4.2%	2.7%	4.4%	8.2%	6.3%	3.3%	4.0%	3.1%	1.1%
Philadelphia	1,436,287	0	674,900	5.4%	62.1%	8.4%	6.5%	3.8%	2.7%	2.9%	7.4%	0.0%	0.9%
Phoenix	1,198,064	0	422,037	55.2%	5.4%	1.8%	4.5%	4.5%	7.0%	6.1%	9.8%	4.7%	1.1%
Portland	503,891	196	198,320	62.4%	1.9%	4.5%	4.8%	4.9%	7.6%	6.4%	5.9%	0.8%	0.7%
San Antonio	1,114,130	0	365,401	59.7%	3.3%	3.1%	5.6%	8.3%	7.3%	4.4%	5.5%	1.7%	1.2%
San Diego	1,220,666	58	431,723	46.6%	8.9%	3.1%	5.9%	10.3%	9.2%	7.0%	6.5%	1.3%	1.1%
San Francisco	745,774	33	328,472	16.7%	15.1%	11.7%	12.6%	11.1%	11.2%	9.7%	9.9%	0.0%	2.0%
San Jose	861,284	286	259,331	57.7%	9.6%	2.0%	6.0%	4.7%	5.6%	4.7%	4.1%	4.6%	1.0%
Seattle	536,978	148	249,033	51.5%	1.5%	4.3%	4.8%	6.8%	9.9%	12.2%	7.6%	0.3%	1.1%
Washington	523,124	0	278,490	12.4%	25.7%	3.1%	7.8%	7.4%	13.4%	7.3%	22.1%	0.0%	0.9%

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Appendix IV (continued)

Source Data

Source: 1990 Census

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	Population 1990	Land Area (square mile), 1990	Density (people/ square mile)	Rank of population density	percent of housing units built							
					1989-March 1990	1985-1988	1980-1984	1970-1979	1960-1969	1950-1959	1940-1949	1939 or earlier
Austin	465,577	218	2,138	24	0.7%	10.7%	22.1%	28.8%	16.4%	10.6%	5.6%	5.0%
Baltimore	736,014	81	9,109	7	0.5%	1.6%	3.1%	7.6%	9.8%	17.5%	18.6%	41.2%
Boston	574,283	48	11,865	4	1.3%	3.1%	3.1%	8.5%	9.3%	7.4%	9.6%	57.6%
Charlotte	396,003	174	2,272	23	1.5%	11.8%	13.6%	22.1%	21.3%	15.6%	8.3%	5.9%
Chicago	2,783,726	227	12,252	3	0.6%	1.6%	2.7%	7.2%	13.1%	16.2%	13.9%	44.6%
Cleveland	505,616	77	6,566	10	0.3%	0.8%	1.7%	5.9%	8.7%	13.8%	16.2%	52.6%
Columbus	632,958	191	3,316	16	2.2%	9.8%	7.8%	20.0%	18.6%	14.6%	9.5%	17.5%
Dallas	1,006,831	342	2,941	19	0.6%	9.4%	14.8%	21.3%	19.8%	18.2%	9.1%	6.8%
Denver	467,610	153	3,050	17	0.4%	3.6%	7.1%	16.5%	15.6%	20.2%	11.0%	25.7%
Detroit	1,027,974	139	7,411	9	0.2%	0.5%	1.8%	4.8%	7.6%	22.3%	27.0%	35.8%
El Paso	515,342	245	2,100	25	1.5%	9.6%	12.8%	26.4%	18.7%	17.6%	6.0%	7.4%
Fort Worth	447,619	281	1,592	27	0.8%	11.5%	14.8%	14.8%	14.6%	20.5%	12.2%	10.9%
Houston	1,630,672	540	3,020	18	0.7%	2.6%	13.8%	31.0%	21.3%	16.7%	7.9%	6.0%
Indianapolis	731,321	362	2,022	26	1.5%	7.9%	7.2%	17.3%	20.2%	15.7%	10.0%	20.2%
Jacksonville	635,230	759	837	29	2.3%	14.7%	10.9%	20.3%	18.7%	17.4%	8.8%	6.9%
Los Angeles	3,485,398	469	7,427	8	2.3%	7.0%	6.2%	13.8%	17.8%	20.8%	14.7%	17.4%
Memphis	610,337	256	2,384	21	0.8%	3.4%	4.0%	19.8%	25.4%	23.6%	12.0%	11.0%
Milwaukee	628,088	96	6,536	11	0.5%	1.0%	2.3%	10.0%	13.6%	21.8%	12.3%	38.4%
Nashville	488,518	473	1,032	28	2.3%	14.0%	9.8%	21.7%	18.9%	16.3%	7.7%	9.3%
New York	7,322,564	309	23,705	1	0.7%	2.7%	2.9%	8.1%	15.0%	15.3%	14.4%	40.9%
Oklahoma City	444,730	608	731	30	0.7%	6.6%	16.1%	21.2%	18.5%	15.9%	10.5%	10.5%
Philadelphia	1,585,577	135	11,736	5	0.4%	1.5%	2.1%	6.1%	10.6%	14.1%	13.6%	51.6%
Phoenix	983,403	420	2,342	22	1.7%	13.5%	16.1%	28.3%	16.4%	15.8%	5.3%	2.9%
Portland	437,398	125	3,508	14	0.8%	2.2%	3.6%	11.0%	11.7%	16.1%	15.2%	39.4%
San Antonio	935,927	333	2,811	20	0.6%	8.4%	16.5%	22.2%	17.7%	16.6%	9.4%	8.6%
San Diego	1,110,549	324	3,428	15	2.5%	13.4%	10.5%	24.3%	17.0%	16.1%	7.5%	8.6%
San Francisco	723,959	47	15,502	2	0.7%	2.6%	3.0%	6.6%	9.0%	9.7%	13.3%	55.1%
San Jose	782,225	171	4,566	13	1.5%	7.9%	8.7%	32.1%	27.0%	13.3%	4.1%	5.5%
Seattle	516,259	84	6,153	12	1.9%	5.5%	4.5%	9.0%	13.2%	14.9%	14.8%	36.2%
Washington	606,900	61	9,884	6	0.6%	1.7%	3.2%	8.4%	14.9%	15.5%	18.1%	37.7%

Appendix V

Supplementary Data for Portland, Oregon reported in City of Portland, Office of Sustainable Development, Solid Waste and Recycling Division, *Management Report for 2000 Activities* August 2001

<i>Residential Data</i>	<i>Tons per year</i>
curbside yard	19,900
self-hauled yard	12,000
home composting	17,500
yard total	49,400
curbside recycling	48,200
self-hauled recyclables	15,000
recycling total	63,200
bottle bill	12,100
"other" total	12,100
residential refuse	113,600
Diversion overall:	52.3%
Diversion without yard:	39.9%
Diversion without yard or "other":	35.7%