



2023 MUNICIPAL SUMMARY (DETAILED)

Quantities of Municipal Sector Waste Recycled, Composted and Disposed by Rhode Island Municipalities in Calendar Year 2023*

Municipality	2020 Census Population	Households (HH) Served	Solid Waste (Tons)	Diverted Materials (Tons)					Total Waste Generated (Tons) ⁴	Rejected Recycling (Tons) ⁵	How Is My City or Town Doing? Annual Metrics					
				RIDEM Mandatory Materials				Overall Diversion			Recycling & Diversion Rates			Per Household (HH) Served:		
				MRF Recycling	Composted Material ¹	Scrap Metal ²	Clothing	Other Recycling ³			MRF Recycling Rate ^{6a}	Mandatory Recycling Rate ^{6b}	Overall Diversion Rate ^{6c}	Tons of Trash Landfilled	Pounds of MRF Recycling	Pounds of Rejected Recycling
Barrington	17,153	6,024	5,824	1,897	3,236	163	3	125	11,247	126	24.6%	47.6%	48.2%	0.97	630	42
Bristol	22,493	8,700	6,364	2,252	1,100	64		80	9,859	26	26.1%	34.9%	35.4%	0.73	518	6
Burrillville	16,158	6,206	5,007	1,649	541	70	12	116	7,395	19	24.8%	31.2%	32.3%	0.81	532	6
Central Falls	22,583	5,293	6,107	1,255	91	60	0	34	7,547	146	17.1%	18.7%	19.1%	1.15	474	55
Charlestown	7,997	2,160	726	241	172	69	2	36	1,245		24.9%	39.9%	41.7%	0.34	223	
Coventry	35,688	12,363	11,121	3,555	1,587	239	117	178	16,797	71	24.2%	33.1%	33.8%	0.90	575	11
Cranston	82,934	29,275	25,937	6,382	5,550	49	61	166	38,145	1,912	19.7%	31.7%	32.0%	0.89	436	131
Cumberland	36,405	13,700	11,427	3,288	1,655	31	7	61	16,468	178	22.3%	30.4%	30.6%	0.83	480	26
East Greenwich	14,312	4,297	4,260	1,387	821	45	5	30	6,547	18	24.6%	34.6%	34.9%	0.99	646	8
East Providence	47,139	16,910	14,477	3,359	6,355	136	37	208	24,572	549	18.8%	40.6%	41.1%	0.86	397	65
Exeter	6,460	2,454	1,340	366	93	98	34	331	2,261		21.4%	30.6%	40.7%	0.55	298	
Foster	4,469	1,575	1,870	437	5	15	2	27	2,355	4	18.9%	19.7%	20.6%	1.19	554	6
Glocester	9,974	4,172	2,842	833	49	204	13	138	4,078		22.7%	27.9%	30.3%	0.68	399	
Hopkinton ^{7a}	8,398															
Jamestown	5,559	2,466	2,141	956	477	47	5	22	3,648	7	30.9%	40.9%	41.3%	0.87	776	5
Johnston	29,568	9,866	17,544	2,107	655	1		21	20,328	237	10.7%	13.6%	13.7%	1.78	427	48
Lincoln	22,529	6,086	7,443	2,030	954		6	66	10,499	99	21.4%	28.7%	29.1%	1.22	667	32
Little Compton	3,616	2,506	1,594	462	69	106	12	82	2,324		22.5%	28.9%	31.4%	0.64	369	
Middletown	17,075	4,675	2,722	1,485	881	33		45	5,165	43	35.3%	46.9%	47.3%	0.58	635	18
Narragansett ^{7b}	14,532	7,989	5,411	2,184	149	74	32	48	7,899	6	28.8%	31.1%	31.5%	0.68	547	2
New Shoreham ⁸	1,410	730	175	16	18	49		42	301		8.5%	32.4%	41.9%	0.24	45	
Newport	25,163	10,100	5,753	2,198	1,238	32	19	64	9,305		27.6%	37.7%	38.2%	0.57	435	
North Kingstown	27,732	9,076	5,746	2,781	3,628	98	30	114	12,397		32.6%	53.2%	53.6%	0.63	613	
North Providence	34,114	12,545	10,863	2,071	1,386	68	37	59	14,485	488	16.0%	24.7%	25.0%	0.87	330	78
North Smithfield	12,588	4,100	3,757	1,164	516	36	10	103	5,586	93	23.7%	31.5%	32.7%	0.92	568	45
Pawtucket	75,604	30,000	26,575	4,242	2,442	49	33	119	33,460	2,075	13.8%	20.3%	20.6%	0.89	283	138
Portsmouth	17,871	2,429	1,360	705	709	168	31	85	3,059		34.1%	54.3%	55.5%	0.56	581	
Providence	190,934	55,000	73,647	2,179	3,864	160		430	80,279	17,173	2.9%	7.8%	8.3%	1.34	79	624
Richmond/Hopkinton ^{7a}	8,020	3,000	1,482	864	67	78	10	86	2,587		36.8%	40.7%	42.7%	0.49	576	
Scituate	10,384	3,756	3,941	1,091	186			41	5,259	6	21.7%	24.5%	25.1%	1.05	581	3
Smithfield	22,118	7,560	5,836	2,065	1,543	57	9	92	9,603	42	26.1%	38.6%	39.2%	0.77	546	11
South Kingstown ^{7b}	31,931	9,999	5,632	2,366	726	362	15	202	9,303		29.6%	38.1%	39.5%	0.56	473	
Tiverton	16,359	6,782	3,414	1,545	309	20	14	63	5,366	89	31.2%	35.6%	36.4%	0.50	456	26
Warren	11,147	5,015	3,759	1,122	878	70	23	253	6,107		23.0%	35.8%	38.4%	0.75	448	
Warwick	82,823	31,372	26,768	8,668	15,842	222		354	51,854	34	24.5%	48.0%	48.4%	0.85	553	2
West Greenwich	6,528	1,000	1,186	369	50	120	23	50	1,797		23.7%	32.1%	34.0%	1.19	737	
West Warwick	31,012	9,300	10,083	1,597	1,471	61	63	119	13,393	617	13.7%	24.0%	24.7%	1.08	343	133
Westerly	23,359	10,874	9,628	4,105	1,561	452	27	3,214	18,987	14	29.9%	39.0%	49.3%	0.89	755	3
Woonsocket	43,240	10,540	9,610	2,481	1,219	266	4	231	13,811	49	20.5%	29.2%	30.4%	0.91	471	9
Statewide Totals	1,097,379	369,895	343,371	77,756	62,092	3,871	695	7,533	495,318	24,120	18.5%	29.6%	30.7%	0.93	420	130
<i>MRF Residue Applied⁹</i>			<i>361,653</i>	<i>59,474</i>	<i>62,092</i>	<i>3,871</i>	<i>695</i>	<i>7,533</i>	<i>495,318</i>	<i>24,120</i>	<i>14.1%</i>	<i>25.8%</i>	<i>27.0%</i>	<i>0.98</i>	<i>420</i>	<i>130</i>



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Footnotes

*Figures reflect calendar year 2023 deliveries to Rhode Island Resource Recovery Corporation (RIRRC) under each municipality's customer account including solid waste, recycling and other accounts if applicable (schools, other municipal departments, etc.), as well as figures for materials delivered to other facilities as reported by municipalities to RIRRC in its annual data survey. Figures do NOT include materials classified as litter cleanup, seaweed, street sweepings, unrecoverable mattresses, disaster debris or commercial waste.

1-Composted Material includes leaf and yard waste, Christmas trees, brush, stumps and a 500 lb. credit for each compost bin sold to the municipality's residents, per year, for the 10 year life of the bin.

2-Scrap Metal includes appliances with and without Freon, auto batteries, propane tanks and other tons reported as scrap metal.

3-Other Recycling includes all other diverted materials: antifreeze, bicycles, books, bulky rigid plastics, concrete, cooking oil, electronic waste, fluorescent bulbs, food scraps, household batteries, reused household items, mattresses & box springs, motor oil & filters, paint, plastic bags & film, paper shredded at special events, tires and wood pallets. It also includes a per capita portion of Resource Recovery's statewide programs for household hazardous waste and e-waste.

4-Total Waste Generated is the total tons of Solid Waste, MRF Mixed Recycling, Composted Material, Clothing and Scrap Metal.

5-Rejected Recycling tons include contaminated mixed recycling loads that do not meet minimum quality standards, are not processed in the MRF and are subsequently landfilled. These tons are included in the second column, Solid Waste (Tons).

6-Recycling rates are calculated by dividing the total tons recycled and diverted by those tons plus the solid waste tons.

a-Materials Recycling Facility (MRF) Recycling Rate includes MRF mixed recyclables. For example, if a city brought 30 tons of recycling and 70 tons of trash, then $30 / (30+70) = 0.3$ or 30%.

b-Mandatory Recycling Rate includes materials on RIDEM's Mandatory Recyclables list: MRF mixed recyclables, composted materials, scrap metal and clothing. For example, adding 10 tons of RIDEM mandatory materials to the above example equals $(30+10) / (30+10+70) = 0.36$ or 36%.

c-Overall Diversion Rate includes MRF mixed recyclables, RIDEM Mandatory materials and materials listed as Other Recycling. For example, adding 5 tons of other diverted materials to the above example equals $(30+10+5) / (30+10+5+70) = 0.39$ or 39%.

7-Residents from two municipalities utilize another's transfer station:

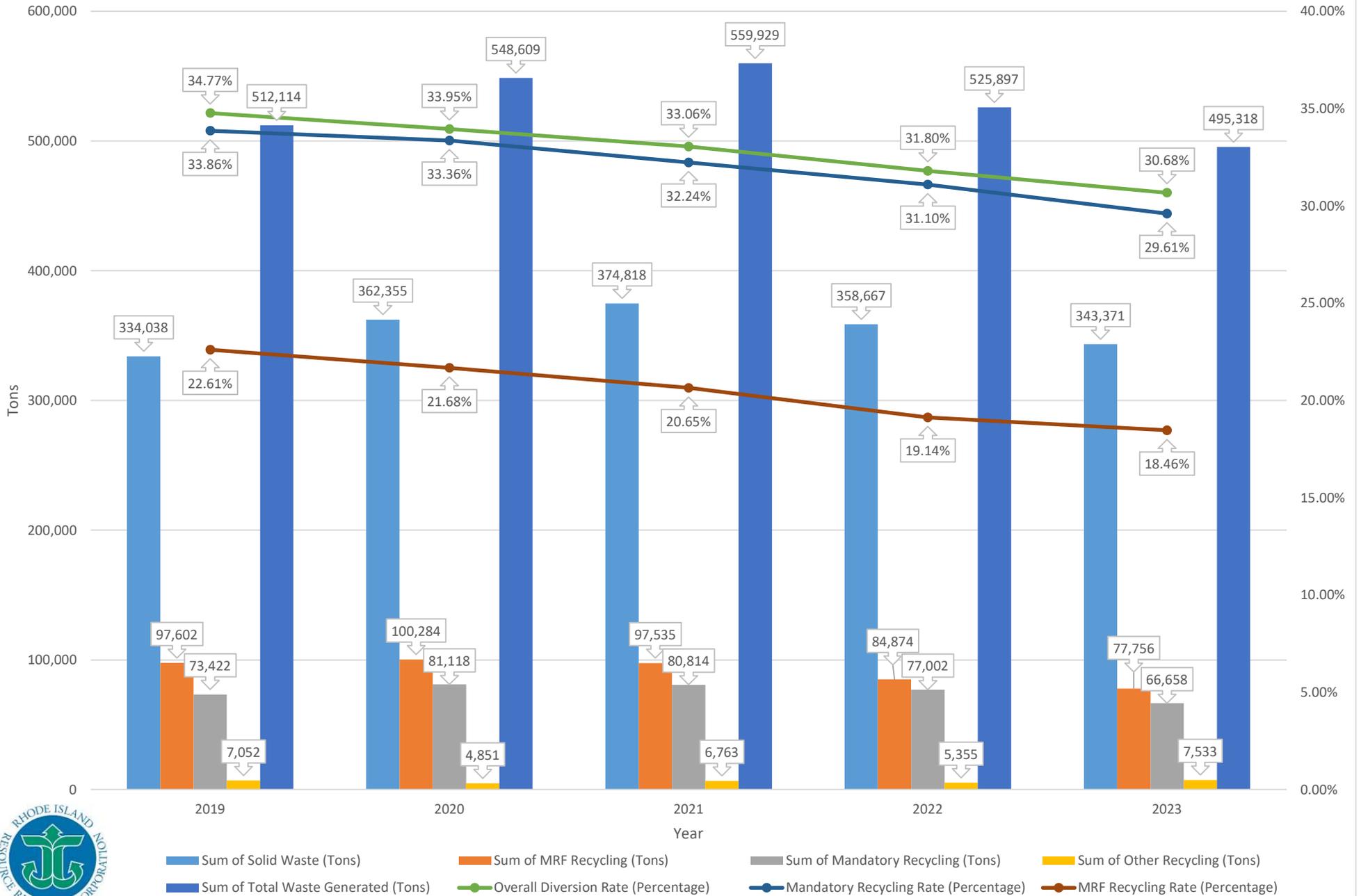
a-Hopkinton residents utilize Richmond's transfer station.

b-Narragansett residents utilize South Kingstown's Rose Hill Regional Transfer Station, and percentage allocations of materials are based on estimates provided by the towns.

8-The tonnage figures reported for the Town of New Shoreham are for the months of January, February, March, November and December. They do not include those for April through October.

9-MRF Residue accounts for the non-recyclable components of the inbound MRF materials that get sorted out and disposed of as solid waste. For illustration purposes only, the italicized line applies the 18,282 tons of MRF Residue: adding them to Solid Waste tons, subtracting them from MRF Recycling tons and calculates statewide recycling rates accordingly.

RI Municipal Waste Management Data Trends, 2019-2023



Tons of RI Municipal Waste Diverted from the Landfill, 2019-2023

