



2021 MUNICIPAL SUMMARY (DETAILED)

Quantities of Municipal Sector Waste Recycled, Composted and Disposed by Rhode Island Municipalities in Calendar Year 2021*

Municipality	2020 Census Population	Households (HH) Served	Solid Waste (Tons)	Diverted Materials (Tons)					Total Waste Generated (Tons)	How Is My City or Town Doing? Annual Metrics					Rejected Recycling per HH Served	Rejected Recycling (Tons) ⁵
				RIDEM Mandatory Materials				Overall Diversion		Tons of Trash Landfilled per HH Served	Recycling & Diversion Rates					
				MRF Recycling	Composted Material ¹	Scrap Metal ²	Clothing				Other Recycling ³	MRF Recycling Rate ^{4a}	Mandatory Recycling Rate ^{4b}	Overall Diversion Rate ^{4c}		
Barrington	17,153	6,024	6,087	2,133	2,717	163	3	160	11,264	1.01	25.9%	45.2%	46.0%	34	103	
Bristol	22,493	8,700	8,730	2,373	1,307	5	30	88	12,534	1.00	21.4%	29.9%	30.4%	16	72	
Burrillville	16,158	6,048	4,943	1,864	177	79	41	339	7,443	0.82	27.4%	30.4%	33.6%	6	18	
Central Falls	22,583	5,293	6,133	2,056	65	8		38	8,301	1.16	25.1%	25.8%	26.1%	8	20	
Charlestown	7,997	1,978	711	256	166	87	2	34	1,258	0.36	26.5%	41.8%	43.4%			
Coventry	35,688	12,245	11,971	3,944	1,698	236	53	190	18,092	0.98	24.8%	33.1%	33.8%	6	36	
Cranston	82,934	29,205	25,848	8,169	5,970	70	146	215	40,418	0.89	24.0%	35.7%	36.0%	66	957	
Cumberland	36,405	12,955	11,285	3,892	1,663	29	29	51	16,948	0.87	25.6%	33.2%	33.4%	2	16	
East Greenwich	14,312	4,282	4,551	1,666	896	80	43	39	7,276	1.06	26.8%	37.1%	37.4%	20	42	
East Providence	47,139	16,859	15,053	4,570	12,410	127	579	255	32,994	0.89	23.3%	54.0%	54.4%	31	265	
Exeter	6,460	2,248	1,952	606	64	314	23	75	3,033	0.87	23.7%	34.0%	35.7%	3	3	
Foster	4,469	1,575	1,957	581	8	2	1	25	2,573	1.24	22.9%	23.2%	23.9%	9	7	
Glocester	9,974	4,106	2,727	936	31	221	7	118	4,041	0.66	25.5%	30.5%	32.5%			
Hopkinton ⁶	8,398															
Jamestown	5,559	2,439	2,480	1,135	648	43		26	4,332	1.02	31.4%	42.4%	42.7%			
Johnston	29,568	10,484	18,035	2,559	667	2		36	21,298	1.72	12.4%	15.2%	15.3%	22	114	
Lincoln	22,529	6,000	7,898	2,219	1,193	10	2	68	11,390	1.32	21.9%	30.2%	30.7%	29	87	
Little Compton	3,616	2,519	1,845	526	335	96	11	93	2,907	0.73	22.2%	34.4%	36.5%			
Middletown	17,075	4,558	3,082	1,620	1,100	46		44	5,892	0.68	34.5%	47.3%	47.7%	26	59	
Narragansett ⁶	14,532	9,911	4,675	2,491	317	99	51	88	7,721	0.47	34.8%	38.8%	39.5%			
New Shoreham	1,410	858	4,485	361	179	226	5	252	5,509	5.23	7.5%	14.7%	18.6%	23	10	
Newport	25,163	10,100	6,400	2,617	1,442	31	85	84	10,659	0.63	29.0%	39.5%	40.0%			
North Kingstown	27,732	10,486	7,158	3,100	2,144	135	112	143	12,792	0.68	30.2%	43.4%	44.0%			
North Providence	34,114	12,545	10,890	3,015	1,933	94	53	84	16,069	0.87	21.7%	31.9%	32.2%	35	221	
North Smithfield	12,588	4,100	3,775	1,330	508	31	10	39	5,693	0.92	26.1%	33.2%	33.7%	25	52	
Pawtucket	75,604	30,000	28,657	6,309	2,932	116	59	177	38,250	0.96	18.0%	24.7%	25.1%	75	1,126	
Portsmouth	17,871	2,566	1,503	834	676	135	90	139	3,378	0.59	35.7%	53.6%	55.5%			
Providence	190,934	55,000	74,792	5,220	4,663			348	85,024	1.36	6.5%	11.7%	12.0%	547	15,049	
Richmond	8,020	2,500	1,378	718	30	360	9	62	2,556	0.55	34.3%	44.8%	46.1%			
Scituate	10,384	3,756	3,859	1,276	183	2		50	5,370	1.03	24.8%	27.5%	28.1%	9	17	
Smithfield	22,118	7,492	5,927	2,239	1,483	55	116	97	9,917	0.79	27.4%	39.6%	40.2%	5	20	
South Kingstown ⁶	31,931	9,380	5,272	3,301	1,545	345	148	224	10,836	0.56	38.5%	50.3%	51.3%			
Tiverton ⁷	16,359	6,538	7,614	1,855	539	80	15	135	10,238	1.16	19.6%	24.6%	25.6%	19	61	
Warren	11,147	4,995	4,154	1,258	1,274	122		66	6,874	0.83	23.2%	39.0%	39.6%			
Warwick	82,823	31,766	28,342	9,562	18,011	166		406	56,486	0.89	25.2%	49.5%	49.8%	9	139	
West Greenwich	6,528	1,000	1,401	441	85	77	14	61	2,080	1.40	24.0%	30.6%	32.7%	19	10	
West Warwick	31,012	10,000	10,143	2,576	1,559	57	94	102	14,531	1.01	20.3%	29.7%	30.2%	48	238	
Westerly ⁶	23,359	9,600	18,762	5,012	2,508	571	37	2,082	28,971	1.95	21.1%	30.2%	35.2%			
Woonsocket	43,240	10,487	10,342	2,916	1,269	162	67	228	14,983	0.99	22.0%	29.9%	31.0%			
Statewide Totals	1,097,379	370,598	374,818	97,535	74,397	4,480	1,936	6,763	559,929	1.01	20.6%	32.2%	33.1%	101	18,744	
<i>MRF Residue Applied⁸</i>			<i>396,068</i>	<i>76,285</i>	<i>74,397</i>	<i>4,480</i>	<i>1,936</i>	<i>6,763</i>	<i>559,929</i>	<i>1.07</i>	<i>16.2%</i>	<i>28.1%</i>	<i>29.3%</i>	<i>101</i>	<i>18,744</i>	



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Footnotes

*Figures reflect calendar year 2021 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 material 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.

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, clean wood, 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 and tires.

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

a-Materials Recycling Facility (MRF) Recycling Rate includes MRF mixed recyclables.

b-Mandatory Recycling Rate includes materials on RIDEM's Mandatory Recyclables list: MRF mixed recyclables, composted materials, scrap metal and clothing.

c-Overall Diversion Rate includes MRF mixed recyclables, RIDEM Mandatory materials and materials listed as Other Recycling.

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).

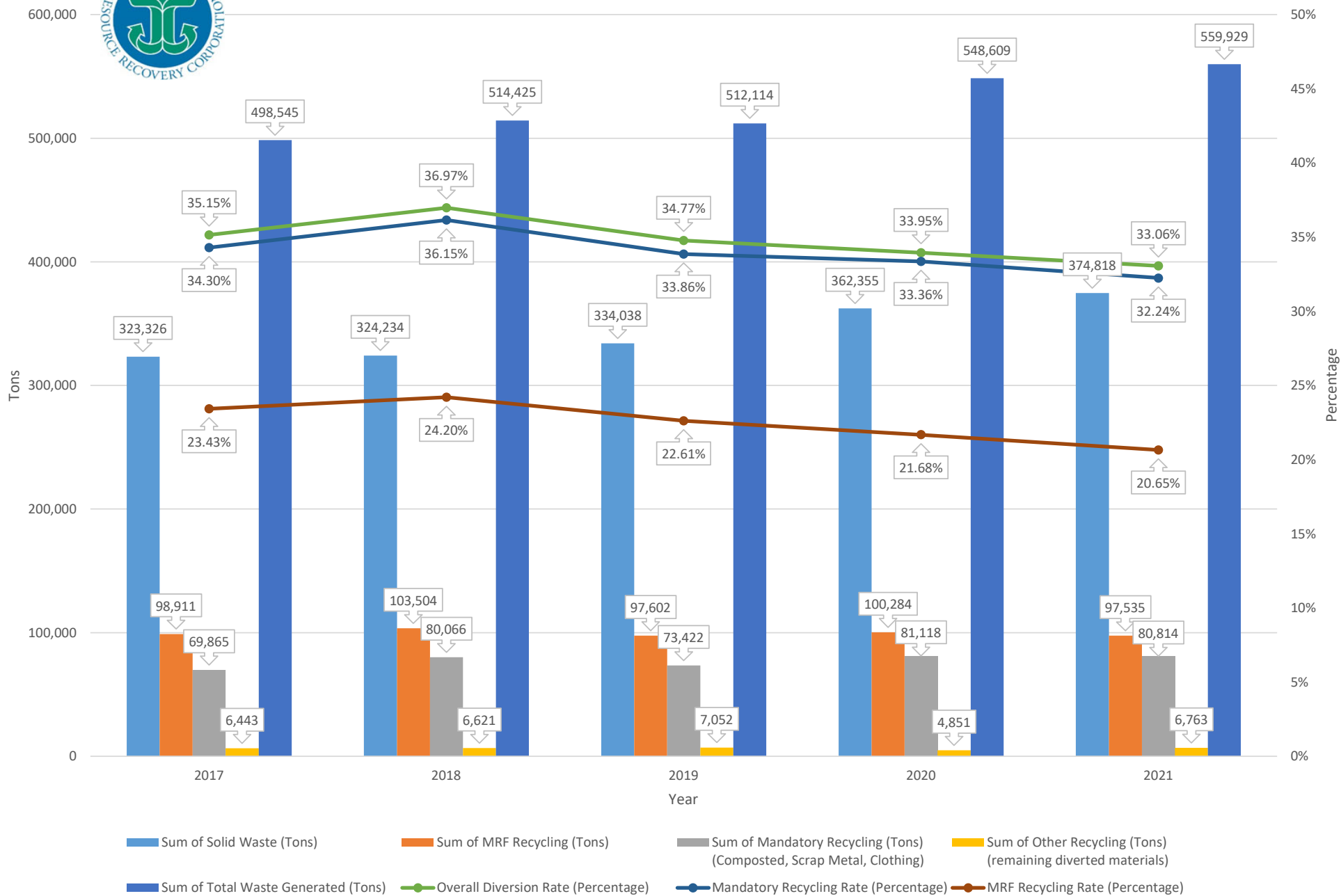
6-Hopkinton residents utilize Westerly's facilities. Narragansett residents utilize South Kingstown's, and percentage allocations of materials are based on estimates provided by the towns.

7-Tiverton's solid waste tons include actual tons disposed of at RIRRC and the town's estimate of solid waste tons disposed at the their landfill.

8-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 21,250 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, 2017-2021



Last updated: 3/31/2022; visit www.rirc.org for most up-to-date version (published yearly on/before April 1).

Tons of RI Municipal Waste Diverted from the Landfill, 2017-2021

