

Santa Rosa Tons by Generator

	Estimated Annual Tons				Inbound	
	Garbage	Recycling	Organics	Generation	% Generation	Recycling Rate
Single Family residential	32,570	21,360	25,110	79,040	43%	59%
Multi-family residential	6,310	820	30	7,160	4%	12%
Commercial	56,150	14,800	7,280	78,230	43%	28%
<i>Commercial cart and bin customers</i>	52,500	13,860	7,190	73,550	40%	
<i>Commercial roll off customers</i>	320	570	-	890	0%	
<i>Schools</i>	3,330	370	90	3,790	2%	
Self-haul	17,860	1,010	410	19,280	10%	7%
TOTAL	112,890	37,990	32,830	183,710		39%

Notes

Tonnage Sources: Annual tons of collected waste material were estimated from six months of 2018 records from Recology. Self-haul tons were estimated from seven months of 2018 tonnage reports prepared by the SWCMA.

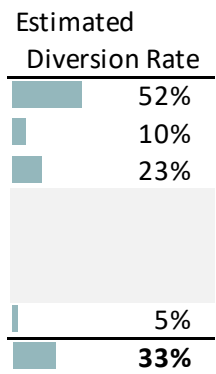
Recycling and Organic streams: tons shown are inbound tons and include contamination.

Self-haul: self-haul does not include C&D.

Composition Sources: Compositions for Santa Rosa were modeled from waste composition data collected in the last five years from cities in California, including the Waste Characterization Study of 2014 for Sonoma County, and studies performed in the Pacific Northwest, including Seattle and King County.

Inbound Recycling Rate: the ratio of ton collected for recovery (recycling and organics) to the total tons collected (garbage, recycling, and organics).

Diversion Rate: the ratio of tons collected for recovery minus tons of contamination, to the total tons collected (garbage, recycling, and organics).



Material Class	Material Type	Recoverability Group	Class by Recoverability
Paper			
	Corrugated Cardboard and Kraft	Curbside Recyclable	Recyclable Paper
	Newspaper	Curbside Recyclable	Recyclable Paper
	Other Recyclable Paper	Curbside Recyclable	Recyclable Paper
	Polycoated Paper	Non-recoverable	Non-recoverable
	Compostable Paper	Curbside Compostable	Compostable Paper
	Non-Recoverable Paper	Non-recoverable	Non-recoverable
Plastic			
	#1 & #2 Plastic Containers	Curbside Recyclable	Plastic
	Other Recyclable Plastics	Curbside Recyclable	Plastic
	Recoverable Film	Other Recoverable	Plastic
	Non-recoverable Film	Non-recoverable	Non-recoverable
	Non-recoverable Plastics	Non-recoverable	Non-recoverable
Glass			
	Glass Containers	Curbside Recyclable	Glass
	Non-recoverable Glass	Non-recoverable	Non-recoverable
Metal			
	Tin/Steel Cans	Curbside Recyclable	Metal
	Aluminum Cans & Foil	Curbside Recyclable	Metal
	Other Recoverable Metal	Curbside Recyclable	Metal
	Non-recoverable Metal	Non-recoverable	Non-recoverable
Organics			
	Food	Curbside Compostable	Compostable Food
	Yard Waste	Curbside Compostable	Compostable Yard Waste & Wood
	Textiles	Other Recoverable	Other Recoverable
	Non-recoverable Organics	Non-recoverable	Non-recoverable
Construction & Demolition			
	Recoverable Wood	Curbside Compostable	Compostable Yard Waste & Wood
	Carpet	Other Recoverable	Other Recoverable
	Recoverable C&D	Other Recoverable	Other Recoverable
	Non-recoverable C&D	Non-recoverable	Non-recoverable
Other Materials			
	Household Hazardous Waste	Other Recoverable	Other Recoverable

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Electronic Waste	Other Recoverable	Other Recoverable
Tires	Other Recoverable	Other Recoverable
Bulky Items	Non-recoverable	Non-recoverable
Non-recoverable Other	Non-recoverable	Non-recoverable

Residential - Single Family								
Material	Garbage		Recycle		Organics		Total Generation	
	Est. %	Est. Tons	Est. %	Est. Tons	Est. %	Est. Tons	Est. %	Est. Tons
Paper	18.4%	5,982	64.7%	#####	5.4%	1,362	26.8%	21,175
Corrugated Cardboard and Kraft Paper	2.1%	676	18.4%	3,934	1.2%	308	6.2%	4,918
Newspaper	1.2%	381	13.0%	2,786	0.4%	110	4.1%	3,277
Other Recyclable Paper	5.7%	1,850	28.8%	6,153	0.6%	160	10.3%	8,164
Polycoated Paper	0.2%	71	0.7%	140	0.2%	51	0.3%	262
Compostable Paper	8.5%	2,780	1.4%	306	2.8%	708	4.8%	3,794
Non-Recoverable Paper	0.7%	225	2.4%	510	0.1%	25	1.0%	760
Plastic	13.3%	4,342	7.2%	1,535	0.4%	96	7.6%	5,973
#1 & #2 Plastic Containers	2.0%	653	2.4%	521	0.0%	6	1.5%	1,181
Other Recyclable Plastics	3.5%	1,141	2.7%	585	0.1%	37	2.2%	1,763
Recoverable Film	1.3%	413	0.0%	9	0.0%	2	0.5%	424
Non-recoverable Film	4.8%	1,556	0.7%	142	0.1%	33	2.2%	1,731
Non-recoverable Plastics	1.8%	579	1.3%	277	0.1%	19	1.1%	874
Glass	2.8%	913	18.9%	4,037	0.1%	16	6.3%	4,966
Glass Containers	2.6%	833	12.8%	2,738	0.1%	15	4.5%	3,586
Non-recoverable Glass	0.2%	80	6.1%	1,299	0.0%	1	1.7%	1,380
Metal	3.1%	1,013	3.4%	717	0.1%	30	2.2%	1,760
Tin/Steel Cans	0.8%	270	1.4%	294	0.0%	3	0.7%	568
Aluminum Cans & Foil	0.3%	107	0.8%	175	0.0%	6	0.4%	288
Other Recoverable Metal	1.4%	450	0.5%	115	0.1%	21	0.7%	586
Non-recoverable Metal	0.6%	186	0.6%	132	0.0%	-	0.4%	318
Organics	42.5%	13,854	3.7%	785	90.4%	22,693	47.2%	37,330
Food	24.1%	7,840	1.2%	264	18.0%	4,524	16.0%	12,628
Yard Waste	4.7%	1,545	0.8%	170	72.2%	18,133	25.1%	19,846
Textiles	4.0%	1,314	1.3%	275	0.0%	9	2.0%	1,598
Non-recoverable Organics	9.7%	3,155	0.4%	76	0.1%	26	4.1%	3,258
Construction & Demolition	11.4%	3,719	0.5%	110	1.1%	282	5.2%	4,111
Recoverable Wood	1.8%	577	0.0%	2	0.0%	6	0.7%	585
Carpet	1.0%	328	0.0%	-	0.0%	-	0.4%	328
Recoverable C&D	5.6%	1,812	0.0%	-	0.0%	0	2.3%	1,812

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Non-recoverable C&D	3.1%	1,002	0.5%	109	1.1%	275	1.8%	1,386
Other Materials	8.4%	2,747	1.6%	346	2.5%	632	4.7%	3,724
Household Hazardous Waste	0.4%	117	0.0%	5	0.0%	0	0.2%	122
Electronic Waste	0.4%	121	0.1%	14	0.0%	-	0.2%	135
Tires	0.1%	16	0.1%	17	0.0%	0	0.0%	33
Bulky Items	0.9%	303	0.0%	-	0.0%	-	0.4%	303
Non-recoverable Other	6.7%	2,190	1.5%	310	2.5%	632	4.0%	3,132
Totals	100.0%	32,570	100.0%	#####	100.0%	25,110	100.0%	79,040

Percentages for material types may not total 100% due to rounding.

Residential - Multi-family								
Material	Garbage		Recycle		Organics		Total Generation	
	Est. %	Est. Tons	Est. %	Est. Tons	Est. %	Est. Tons	Est. %	Est. Tons
Paper	22.1%	1,396	62.3%	511	10.6%	3	26.7%	1,911
Corrugated Cardboard and Kraft	2.9%	185	26.8%	220	1.9%	1	5.7%	406
Newspaper	1.8%	116	11.3%	93	0.4%	0	2.9%	209
Other Recyclable Paper	9.1%	576	18.8%	154	1.0%	0	10.2%	730
Polycoated Paper	0.2%	15	0.6%	5	1.1%	0	0.3%	20
Compostable Paper	6.8%	429	2.6%	22	5.8%	2	6.3%	452
Non-Recoverable Paper	1.2%	74	2.2%	18	0.3%	0	1.3%	92
Plastic	13.7%	865	8.5%	70	2.5%	1	13.1%	936
#1 & #2 Plastic Containers	2.8%	179	3.6%	29	0.1%	0	2.9%	208
Other Recyclable Plastics	3.5%	219	2.6%	21	0.2%	0	3.4%	240
Recoverable Film	1.1%	72	0.2%	2	0.0%	0	1.0%	74
Non-recoverable Film	4.1%	258	1.1%	9	1.0%	0	3.7%	268
Non-recoverable Plastics	2.2%	138	1.0%	8	1.1%	0	2.0%	146
Glass	4.6%	288	18.4%	151	0.9%	0	6.1%	440
Glass Containers	4.0%	253	15.9%	130	0.9%	0	5.4%	384
Non-recoverable Glass	0.6%	35	2.5%	20	0.0%	0	0.8%	56
Metal	4.2%	267	3.0%	25	0.3%	0	4.1%	293
Tin/Steel Cans	1.1%	67	1.1%	9	0.0%	0	1.1%	76
Aluminum Cans & Foil	0.4%	28	0.9%	8	0.1%	0	0.5%	36
Other Recoverable Metal	1.7%	108	0.7%	5	0.2%	0	1.6%	114
Non-recoverable Metal	1.0%	64	0.4%	3	0.0%	0	0.9%	67
Organics	41.7%	2,633	6.2%	51	84.2%	25	37.8%	2,707
Food	25.5%	1,608	3.9%	32	60.4%	18	23.1%	1,657
Yard Waste	2.4%	154	0.6%	5	23.0%	7	2.3%	165
Textiles	5.1%	322	1.0%	8	0.1%	0	4.6%	330
Non-recoverable Organics	8.7%	549	0.8%	6	0.6%	0	7.8%	555
Construction & Demolition	6.3%	399	0.2%	2	0.8%	0	5.6%	401
Recoverable Wood	1.6%	103	0.0%	0	0.1%	0	1.4%	103
Carpet	0.3%	17	0.0%	-	0.0%	-	0.2%	17
Recoverable C&D	1.7%	109	0.0%	0	0.0%	0	1.5%	109

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Non-recoverable C&D	2.7%	170	0.2%	2	0.7%	0	2.4%	172
Other Materials	7.3%	461	1.3%	11	0.7%	0	6.6%	472
Household Hazardous Waste	0.2%	12	0.0%	0	0.0%	0	0.2%	12
Electronic Waste	0.7%	45	0.0%	0	0.0%	0	0.6%	45
Tires	0.0%	3	0.1%	1	0.0%	0	0.0%	4
Bulky Items	1.8%	113	0.3%	2	0.0%	-	1.6%	116
Non-recoverable Other	4.6%	288	0.9%	7	0.7%	0	4.1%	296
Totals	100.0%	6,310	100.0%	820	100.0%	30	100.0%	7,160

Percentages for material types may not total 100% due to rounding.

Commercial								
Material	Garbage		Recycle		Organics		Total Generation	
	Est. %	Est. Tons	Est. %	Est. Tons	Est. %	Est. Tons	Est. %	Est. Tons
Paper	24.4%	13,717	59.5%	8,809	12.2%	888	29.9%	23,410
Corrugated Cardboard and Kraft Paper	3.9%	2,167	32.9%	4,873	0.8%	57	9.1%	7,095
Newspaper	1.2%	647	3.1%	457	0.2%	14	1.4%	1,117
Other Recyclable Paper	7.4%	4,178	19.2%	2,842	0.8%	57	9.0%	7,076
Polycoated Paper	0.2%	117	0.3%	41	1.0%	75	0.3%	234
Compostable Paper	10.2%	5,734	3.3%	483	8.8%	642	8.8%	6,859
Non-Recoverable Paper	1.6%	874	0.8%	113	0.6%	43	1.3%	1,030
Plastic	15.5%	8,697	9.6%	1,426	2.1%	151	13.1%	10,273
#1 & #2 Plastic Containers	1.9%	1,078	5.1%	748	0.1%	4	2.3%	1,831
Other Recyclable Plastics	3.0%	1,660	2.1%	313	0.3%	23	2.6%	1,997
Recoverable Film	1.7%	947	0.2%	30	0.0%	2	1.3%	979
Non-recoverable Film	5.8%	3,234	1.3%	198	1.0%	70	4.5%	3,502
Non-recoverable Plastics	3.2%	1,777	0.9%	136	0.7%	52	2.5%	1,964
Glass	2.8%	1,551	9.7%	1,442	0.4%	31	3.9%	3,024
Glass Containers	2.2%	1,220	8.6%	1,268	0.4%	31	3.2%	2,518
Non-recoverable Glass	0.6%	331	1.2%	175	0.0%	0	0.6%	506
Metal	3.8%	2,117	12.3%	1,818	0.3%	23	5.1%	3,954
Tin/Steel Cans	0.6%	339	1.9%	280	0.2%	16	0.8%	635
Aluminum Cans & Foil	0.4%	231	0.3%	48	0.0%	2	0.4%	281
Other Recoverable Metal	1.7%	957	9.9%	1,463	0.1%	5	3.1%	2,421
Non-recoverable Metal	1.1%	590	0.2%	26	0.0%	0	0.8%	617
Organics	36.0%	20,188	6.5%	955	73.0%	5,317	33.8%	26,460
Food	23.2%	13,002	5.3%	790	59.0%	4,298	23.1%	18,089
Yard Waste	4.9%	2,759	0.1%	19	13.8%	1,002	4.8%	3,781
Textiles	3.5%	1,939	0.6%	85	0.0%	3	2.6%	2,027
Non-recoverable Organics	4.4%	2,488	0.4%	61	0.2%	14	3.3%	2,563
Construction & Demolition	12.5%	7,007	1.7%	257	11.7%	853	10.4%	8,116
Recoverable Wood	4.2%	2,345	0.2%	28	11.3%	820	4.1%	3,194
Carpet	0.7%	386	0.2%	25	0.0%	-	0.5%	411
Recoverable C&D	3.2%	1,821	0.8%	111	0.0%	-	2.5%	1,932

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Non-recoverable C&D	4.4%	2,455	0.6%	93	0.4%	32	3.3%	2,580
Other Materials	5.1%	2,873	0.6%	94	0.2%	17	3.8%	2,983
Household Hazardous Waste	0.7%	371	0.1%	13	0.0%	1	0.5%	385
Electronic Waste	0.6%	341	0.0%	6	0.0%	-	0.4%	348
Tires	0.2%	89	0.1%	8	0.0%	0	0.1%	97
Bulky Items	0.5%	274	0.0%	-	0.0%	-	0.4%	274
Non-recoverable Other	3.2%	1,797	0.4%	66	0.2%	16	2.4%	1,879
Totals	100.0%	56,150	100.0%	14,800	100.0%	7,280	100.0%	78,220

Percentages for material types may not total 100% due to rounding.

** These tons are included in the commercial composition table**

Commercial - Schools								
Material	Garbage		Recycle		Organics		Total Generation	
	Est. %	Est. Tons	Est. %	Est. Tons	Est. %	Est. Tons	Est. %	Est. Tons
Paper	23.0%	766	74.4%	275	42.7%	38	28.4%	1,078
Corrugated Cardboard and K	4.2%	140	47.1%	174	0.0%	-	8.2%	312
Newspaper	1.7%	56	4.5%	17	0.0%	-	1.9%	72
Other Recyclable Paper	8.1%	271	12.8%	47	1.4%	1	8.4%	320
Polycoated Paper	0.1%	3	0.5%	2	1.0%	1	0.1%	5
Compostable Paper	7.6%	254	9.0%	33	40.4%	36	8.6%	324
Non-Recoverable Paper	1.2%	42	0.6%	2	0.0%	-	1.2%	44
Plastic	13.1%	435	10.7%	40	0.1%	0	12.5%	474
#1 & #2 Plastic Containers	2.1%	71	1.4%	5	0.0%	-	2.0%	76
Other Recyclable Plastics	2.4%	79	0.8%	3	0.1%	0	2.2%	82
Recoverable Film	1.5%	50	0.0%	0	0.0%	-	1.3%	50
Non-recoverable Film	3.0%	99	0.7%	3	0.0%	-	2.7%	102
Non-recoverable Plastics	4.1%	136	7.7%	29	0.0%	-	4.3%	165
Glass	0.9%	30	7.1%	26	0.0%	-	1.5%	55
Glass Containers	0.8%	27	7.1%	26	0.0%	-	1.4%	53
Non-recoverable Glass	0.1%	3	0.0%	-	0.0%	-	0.1%	3
Metal	2.6%	87	0.4%	2	0.0%	-	2.3%	88
Tin/Steel Cans	0.2%	7	0.3%	1	0.0%	-	0.2%	8
Aluminum Cans & Foil	0.1%	4	0.0%	0	0.0%	-	0.1%	4
Other Recoverable Metal	1.4%	47	0.0%	-	0.0%	-	1.3%	47
Non-recoverable Metal	0.9%	29	0.1%	0	0.0%	-	0.8%	29
Organics	41.2%	1,371	0.6%	2	57.2%	51	37.6%	1,427
Food	21.5%	717	0.6%	2	27.8%	25	19.7%	745
Yard Waste	14.0%	467	0.0%	-	29.4%	26	13.0%	494
Textiles	3.2%	107	0.0%	-	0.0%	-	2.8%	107
Non-recoverable Organics	2.4%	81	0.0%	-	0.0%	-	2.1%	81
Construction & Demolition	14.4%	478	6.6%	25	0.0%	-	13.3%	503
Recoverable Wood	4.9%	163	0.0%	-	0.0%	-	4.3%	163
Carpet	0.4%	14	6.6%	25	0.0%	-	1.0%	38
Recoverable C&D	2.6%	88	0.0%	-	0.0%	-	2.3%	88

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Non-recoverable C&D	6.4%	213	0.0%	-	0.0%	-	5.6%	214
Other Materials	4.9%	164	0.1%	1	0.0%	-	4.3%	165
Household Hazardous Waste	0.6%	19	0.0%	-	0.0%	-	0.5%	19
Electronic Waste	0.0%	1	0.0%	0	0.0%	-	0.0%	1
Tires	0.0%	-	0.0%	-	0.0%	-	0.0%	-
Bulky Items	0.8%	27	0.0%	-	0.0%	-	0.7%	27
Non-recoverable Other	3.5%	117	0.1%	0	0.0%	-	3.1%	118
Totals	100.0%	3,330	100.0%	370	100.0%	90	100.0%	3,790

Percentages for material types may not total 100% due to rounding.

Self-haul								
Material	Garbage		Recycle		Organics		Total Generation	
	Est. %	Est. Tons	Est. %	Est. Tons	Est. %	Est. Tons	Est. %	Est. Tons
Paper	9.5%	1,698	37.2%	375	0.4%	2	10.8%	2,076
Corrugated Cardboard and K	2.0%	350	22.5%	228	0.1%	0	3.0%	578
Newspaper	0.4%	72	0.2%	2	0.0%	0	0.4%	75
Other Recyclable Paper	4.9%	881	12.8%	129	0.0%	0	5.2%	1,011
Polycoated Paper	0.0%	9	0.1%	1	0.0%	0	0.0%	9
Compostable Paper	1.9%	336	1.5%	15	0.3%	1	1.8%	353
Non-Recoverable Paper	0.3%	51	0.0%	-	0.0%	0	0.3%	51
Plastic	6.3%	1,126	4.1%	41	0.1%	0	6.1%	1,168
#1 & #2 Plastic Containers	0.6%	106	2.4%	24	0.0%	0	0.7%	130
Other Recyclable Plastics	1.9%	336	0.5%	5	0.0%	-	1.8%	341
Recoverable Film	1.0%	173	0.2%	2	0.0%	0	0.9%	175
Non-recoverable Film	0.9%	168	0.2%	2	0.0%	0	0.9%	171
Non-recoverable Plastics	1.9%	343	0.8%	8	0.0%	0	1.8%	351
Glass	2.1%	372	8.6%	87	0.0%	0	2.4%	459
Glass Containers	0.8%	139	8.6%	87	0.0%	0	1.2%	226
Non-recoverable Glass	1.3%	233	0.0%	0	0.0%	-	1.2%	233
Metal	3.2%	574	24.5%	247	0.0%	0	4.3%	821
Tin/Steel Cans	0.3%	60	0.3%	3	0.0%	0	0.3%	63
Aluminum Cans & Foil	0.1%	17	0.3%	3	0.0%	0	0.1%	20
Other Recoverable Metal	2.1%	372	12.0%	121	0.0%	0	2.6%	493
Non-recoverable Metal	0.7%	124	11.9%	120	0.0%	0	1.3%	244
Organics	18.1%	3,241	16.7%	169	100.0%	410	19.8%	3,818
Food	3.5%	631	7.1%	72	0.0%	-	3.6%	703
Yard Waste	6.3%	1,118	5.1%	51	99.6%	408	8.2%	1,576
Textiles	4.2%	759	4.6%	46	0.0%	0	4.2%	805
Non-recoverable Organics	4.1%	732	0.0%	-	0.4%	2	3.8%	734
Construction & Demolition	51.0%	9,100	0.1%	1	0.0%	0	47.2%	9,101
Recoverable Wood	15.8%	2,815	0.0%	-	0.0%	-	14.6%	2,815
Carpet	5.2%	920	0.0%	-	0.0%	-	4.8%	920
Recoverable C&D	15.5%	2,760	0.0%	-	0.0%	0	14.3%	2,760

Santa Rosa Zero Waste Plan - Appendix A

Non-recoverable C&D	14.6%	2,605	0.1%	1	0.0%	-	13.5%	2,606
Other Materials	9.8%	1,749	8.9%	90	0.0%	0	9.5%	1,839
Household Hazardous Waste	0.3%	47	0.0%	-	0.0%	0	0.2%	47
Electronic Waste	0.9%	158	1.1%	11	0.0%	0	0.9%	169
Tires	0.1%	25	0.0%	-	0.0%	-	0.1%	25
Bulky Items	6.3%	1,125	0.0%	-	0.0%	-	5.8%	1,125
Non-recoverable Other	2.2%	394	7.8%	79	0.0%	0	2.5%	472
Totals	100.0%	17,860	100.0%	1,010	100.0%	410	100.0%	19,280

Percentages for material types may not total 100% due to rounding.

Residential - Single Family

Top 5 Materials in Garbage

Material	Est. Percent	Est. Tons
Food	24.1%	7,840
Non-recoverable Organics	9.7%	3,155
Compostable Paper	8.5%	2,780
Non-recoverable Other	6.7%	2,190
Other Recyclable Paper	5.7%	1,850
Total	54.7%	17,815

Top 5 Recoverable Materials in Garbage

Material	Est. Percent	Est. Tons
Food	24.1%	7,840
Compostable Paper	8.5%	2,780
Other Recyclable Paper	5.7%	1,850
Yard Waste	4.7%	1,545
Other Recyclable Plastics	3.5%	1,141
Total	46.5%	15,156

Top 5 Materials in Recycle

Material	Est. Percent	Est. Tons
Other Recyclable Paper	28.8%	6,153
Corrugated Cardboard and Kraft	18.4%	3,934
Newspaper	13.0%	2,786
Glass Containers	12.8%	2,738
Non-recoverable Glass	6.1%	1,299
Total	79.2%	16,910

Top 5 Contaminants in Recycle

Material	Est. Percent	Est. Tons
Non-recoverable Glass	6.1%	1,299
Non-Recoverable Paper	2.4%	510
Non-recoverable Other	1.5%	310
Non-recoverable Plastics	1.3%	277
Textiles	1.3%	275
Total	12.5%	2,671

Top 5 Materials in Organics

Material	Est. Percent	Est. Tons
Yard Waste	72.2%	18,133
Food	18.0%	4,524
Compostable Paper	2.8%	708
Non-recoverable Other	2.5%	632
Corrugated Cardboard and Kraft	1.2%	308
Total	96.8%	24,305

Top 5 Contaminants in Organics

Material	Est. Percent	Est. Tons
Non-recoverable Other	2.5%	632
Non-recoverable C&D	1.1%	275
Polycoated Paper	0.2%	51
Non-recoverable Film	0.1%	33
Non-recoverable Organics	0.1%	26
Total	4.1%	1,017

Top 5 Materials in Generation

Material	Est. Percent	Est. Tons
Yard Waste	25.1%	19,846
Food	16.0%	12,628
Other Recyclable Paper	10.3%	8,164
Corrugated Cardboard and Kraft	6.2%	4,918
Compostable Paper	4.8%	3,794
Total	62.4%	49,350

Top 5 Recoverable Materials in Generation

Material	Est. Percent	Est. Tons
Yard Waste	25.1%	19,846
Food	16.0%	12,628
Other Recyclable Paper	10.3%	8,164
Corrugated Cardboard and Kraft	6.2%	4,918
Compostable Paper	4.8%	3,794
Total	62.4%	49,350

Residential - Multifamily

Top 5 Materials in Garbage

Material	Est. Percent	Est. Tons
Food	25.5%	1,608
Other Recyclable Paper	9.1%	576
Non-recoverable Organics	8.7%	549
Compostable Paper	6.8%	429
Textiles	5.1%	322
Total	55.2%	3,484

Top 5 Recoverable Materials in Garbage

Material	Est. Percent	Est. Tons
Food	25.5%	1,608
Other Recyclable Paper	9.1%	576
Compostable Paper	6.8%	429
Glass Containers	4.0%	253
Other Recyclable Plastics	3.5%	219
Total	48.9%	3,085

Top 5 Materials in Recycle

Material	Est. Percent	Est. Tons
Corrugated Cardboard and Kraft	26.8%	220
Other Recyclable Paper	18.8%	154
Glass Containers	15.9%	130
Newspaper	11.3%	93
Food	3.9%	32
Total	76.7%	629

Top 5 Contaminants in Recycle

Material	Est. Percent	Est. Tons
Non-recoverable Glass	2.5%	20
Non-Recoverable Paper	2.2%	18
Non-recoverable Film	1.1%	9
Textiles	1.0%	8
Non-recoverable Plastics	1.0%	8
Total	7.7%	63

Top 5 Materials in Organics

Material	Est. Percent	Est. Tons
Food	60.4%	18
Yard Waste	23.0%	7
Compostable Paper	5.8%	2
Corrugated Cardboard and Kraft	1.9%	1
Non-recoverable Plastics	1.1%	0
Total	92.4%	28

Top 5 Contaminants in Organics

Material	Est. Percent	Est. Tons
Non-recoverable Plastics	1.1%	0
Polycoated Paper	1.1%	0
Non-recoverable Film	1.0%	0
Non-recoverable C&D	0.7%	0
Non-recoverable Other	0.7%	0
Total	4.7%	0

Top 5 Materials in Generation

Material	Est. Percent	Est. Tons
Food	23.1%	1,657
Other Recyclable Paper	10.2%	730
Non-recoverable Organics	7.8%	555
Compostable Paper	6.3%	452
Corrugated Cardboard and Kraft	5.7%	406
Total	53.1%	3,800

Top 5 Recoverable Materials in Generation

Material	Est. Percent	Est. Tons
Food	23.1%	1,657
Other Recyclable Paper	10.2%	730
Compostable Paper	6.3%	452
Corrugated Cardboard and Kraft	5.7%	406
Glass Containers	5.4%	384
Total	50.7%	3,629

Commercial

Top 5 Materials in Garbage

Material	Est. Percent	Est. Tons
Food	23.2%	13,002
Compostable Paper	10.2%	5,734
Other Recyclable Paper	7.4%	4,178
Non-recoverable Film	5.8%	3,234
Yard Waste	4.9%	2,759
Total	51.5%	28,907

Top 5 Recoverable Materials in Garbage

Material	Est. Percent	Est. Tons
Food	23.2%	13,002
Compostable Paper	10.2%	5,734
Other Recyclable Paper	7.4%	4,178
Yard Waste	4.9%	2,759
Recoverable Wood	4.2%	2,345
Total	49.9%	28,018

Top 5 Materials in Recycle

Material	Est. Percent	Est. Tons
Corrugated Cardboard and Kraft	32.9%	4,873
Other Recyclable Paper	19.2%	2,842
Other Recoverable Metal	9.9%	1,463
Glass Containers	8.6%	1,268
Food	5.3%	790
Total	75.9%	11,236

Top 5 Contaminants in Recycle

Material	Est. Percent	Est. Tons
Non-recoverable Film	1.3%	198
Non-recoverable Glass	1.2%	175
Non-recoverable Plastics	0.9%	136
Non-Recoverable Paper	0.8%	113
Recoverable C&D	0.8%	111
Total	4.9%	733

Top 5 Materials in Organics

Material	Est. Percent	Est. Tons
Food	59.0%	4,298
Yard Waste	13.8%	1,002
Recoverable Wood	11.3%	820
Compostable Paper	8.8%	642
Polycoated Paper	1.0%	75
Total	93.9%	6,837

Top 5 Contaminants in Organics

Material	Est. Percent	Est. Tons
Polycoated Paper	1.0%	75
Non-recoverable Film	1.0%	70
Non-recoverable Plastics	0.7%	52
Non-Recoverable Paper	0.6%	43
Non-recoverable C&D	0.4%	32
Total	3.7%	272

Top 5 Materials in Generation

Material	Est. Percent	Est. Tons
Food	23.1%	18,089
Corrugated Cardboard and Kraft	9.1%	7,095
Other Recyclable Paper	9.0%	7,076
Compostable Paper	8.8%	6,859
Yard Waste	4.8%	3,781
Total	54.8%	42,900

Top 5 Recoverable Materials in Generation

Material	Est. Percent	Est. Tons
Food	23.1%	18,089
Corrugated Cardboard and Kraft	9.1%	7,095
Other Recyclable Paper	9.0%	7,076
Compostable Paper	8.8%	6,859
Yard Waste	4.8%	3,781
Total	54.8%	42,900

Self-haul

Top 5 Materials in Garbage

Material	Est. Percent	Est. Tons
Recoverable Wood	15.8%	2,815
Recoverable C&D	15.5%	2,760
Non-recoverable C&D	14.6%	2,605
Bulky Items	6.3%	1,125
Yard Waste	6.3%	1,118
Total	58.4%	10,423

Top 5 Recoverable Materials in Garbage

Material	Est. Percent	Est. Tons
Recoverable Wood	15.8%	2,815
Yard Waste	6.3%	1,118
Other Recyclable Paper	4.9%	881
Food	3.5%	631
Other Recoverable Metal	2.1%	372
Total	32.6%	5,817

Top 5 Materials in Recycle

Material	Est. Percent	Est. Tons
Corrugated Cardboard and Kraft	22.5%	228
Other Recyclable Paper	12.8%	129
Other Recoverable Metal	12.0%	121
Non-recoverable Metal	11.9%	120
Glass Containers	8.6%	87
Total	67.8%	685

Top 5 Contaminants in Recycle

Material	Est. Percent	Est. Tons
Non-recoverable Metal	11.9%	120
Non-recoverable Other	7.8%	79
Textiles	4.6%	46
Electronic Waste	1.1%	11
Non-recoverable Plastics	0.8%	8
Total	26.1%	264

Top 5 Materials in Organics

Material	Est. Percent	Est. Tons
Yard Waste	99.6%	408
Non-recoverable Organics	0.4%	2
Compostable Paper	0.3%	1
Corrugated Cardboard and Kraft	0.1%	0
Polycoated Paper	0.0%	0
Total	100.4%	411

Top 5 Contaminants in Organics

Material	Est. Percent	Est. Tons
Non-recoverable Organics	0.4%	2
Polycoated Paper	0.0%	0
Recoverable Film	0.0%	0
Non-recoverable Plastics	0.0%	0
Non-recoverable Other	0.0%	0
Total	0.5%	2

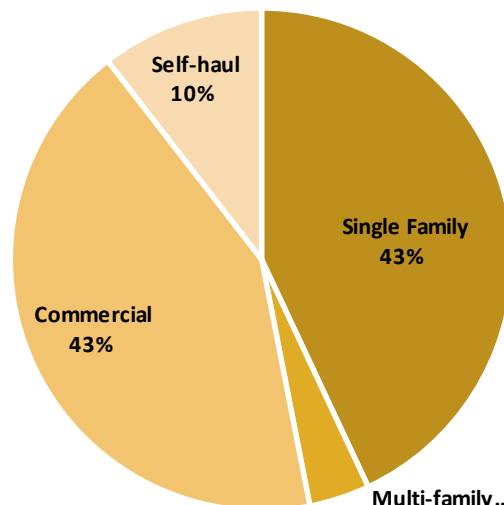
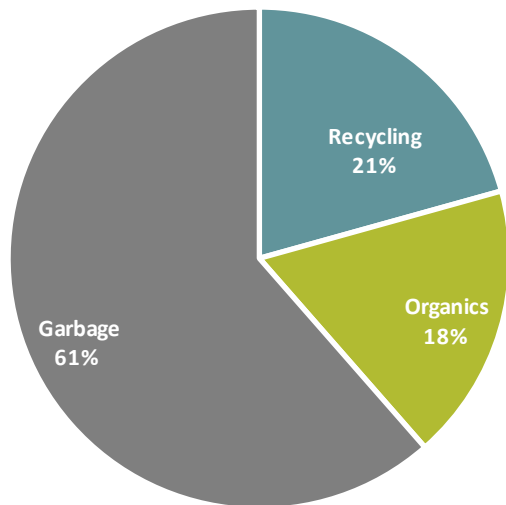
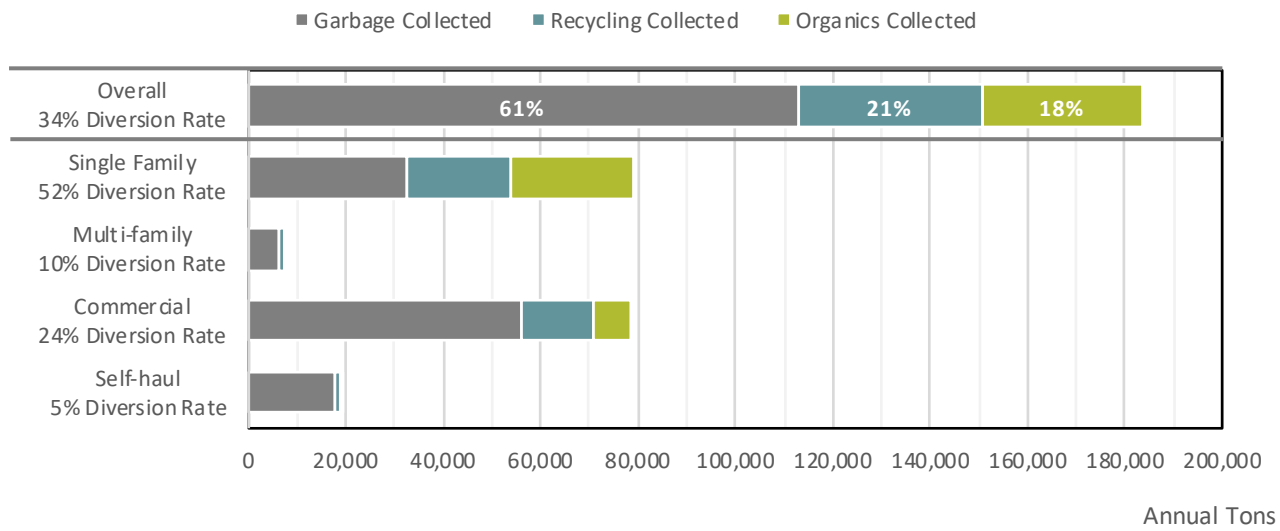
Top 5 Materials in Generation

Material	Est. Percent	Est. Tons
Recoverable Wood	14.6%	2,815
Recoverable C&D	14.3%	2,760
Non-recoverable C&D	13.5%	2,606
Yard Waste	8.2%	1,576
Bulky Items	5.8%	1,125
Total	56.4%	10,882

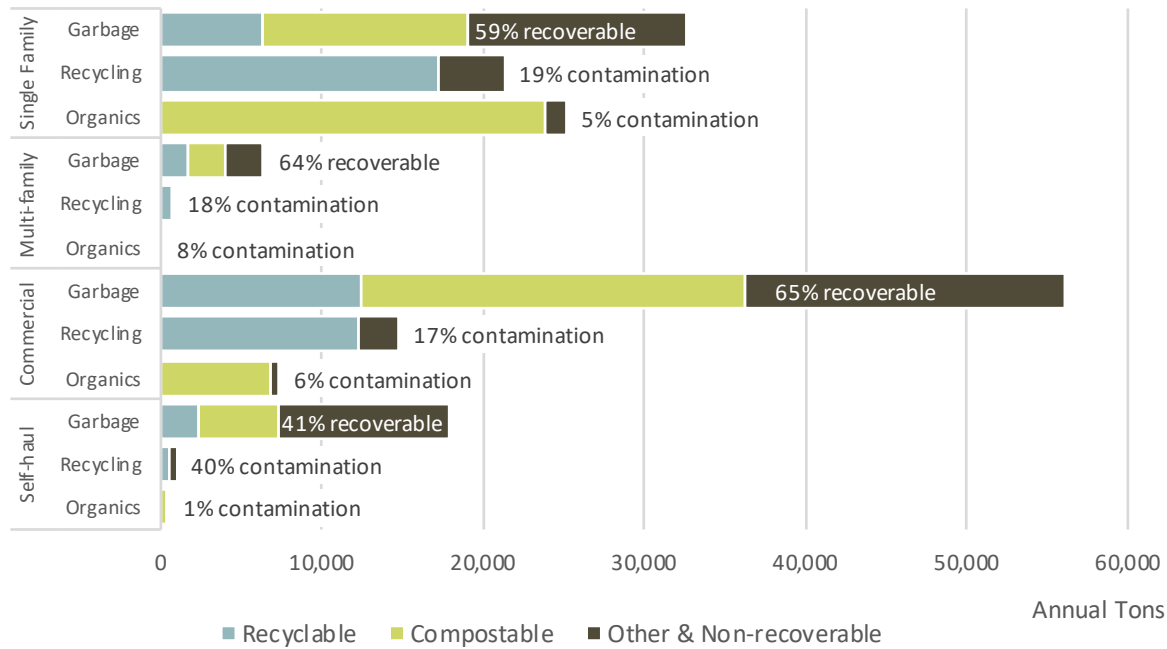
Top 5 Recoverable Materials in Generation

Material	Est. Percent	Est. Tons
Recoverable Wood	14.6%	2,815
Yard Waste	8.2%	1,576
Other Recyclable Paper	5.2%	1,011
Food	3.6%	703
Corrugated Cardboard and Kraft	3.0%	578
Total	34.7%	6,683

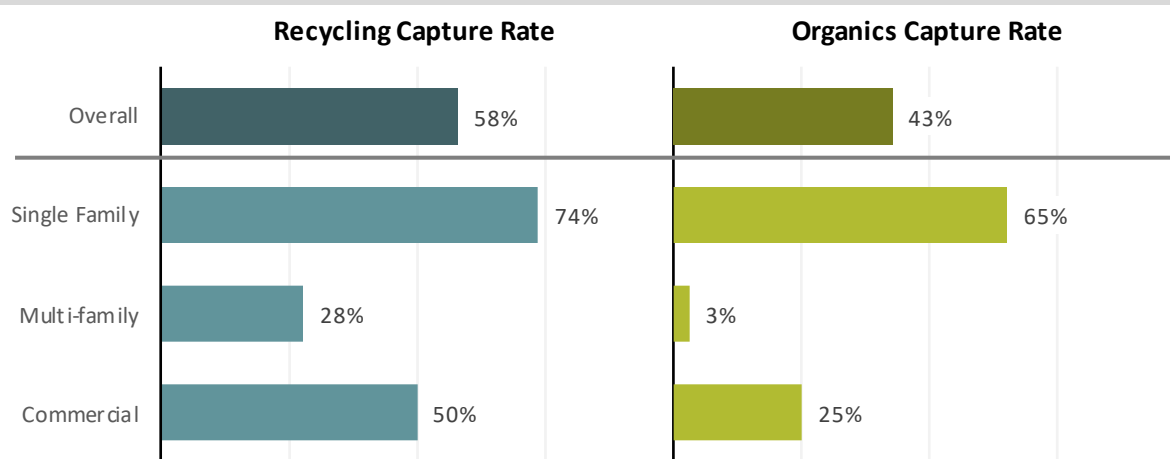
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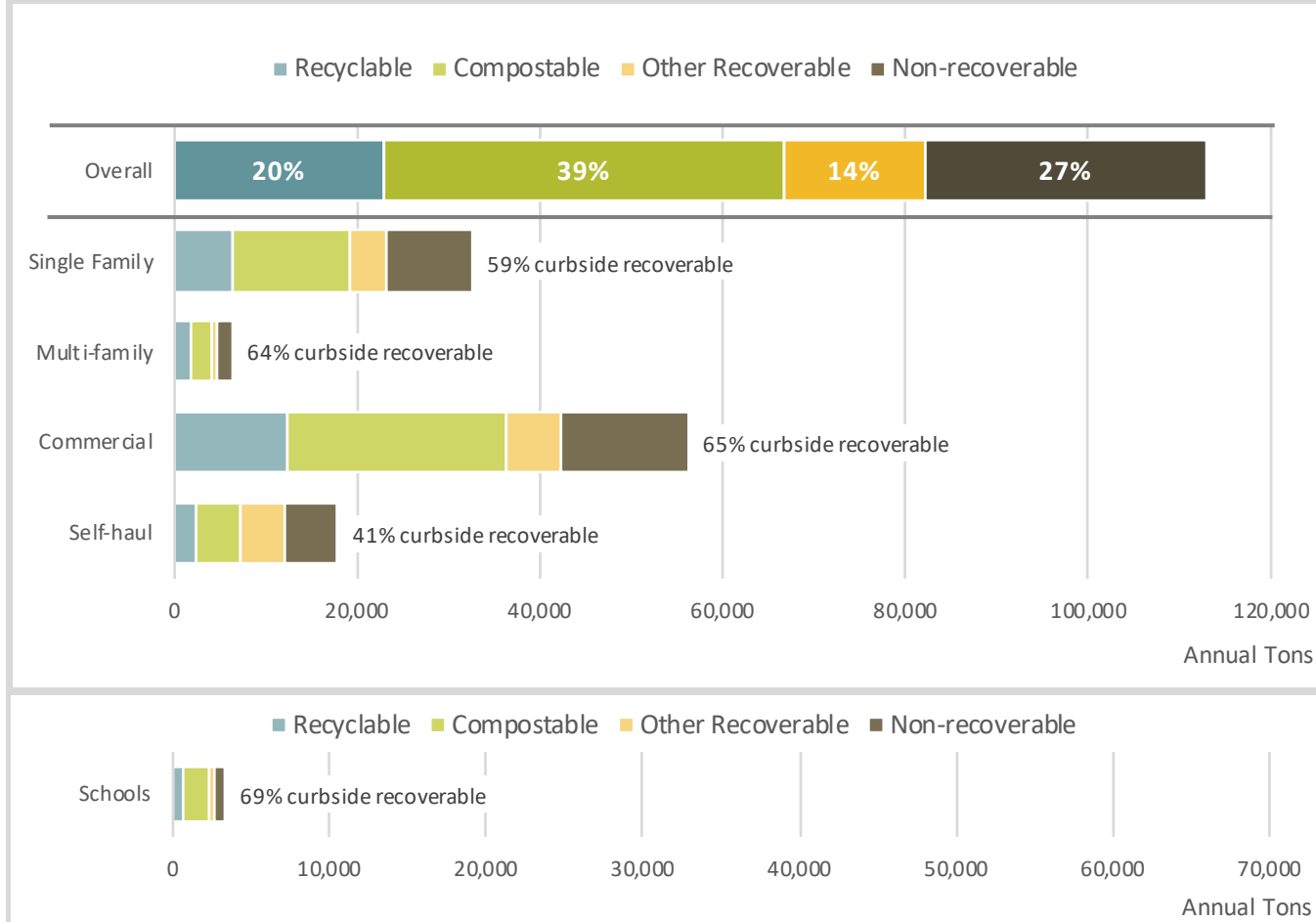
Curbside Recoverability and Contamination by Stream



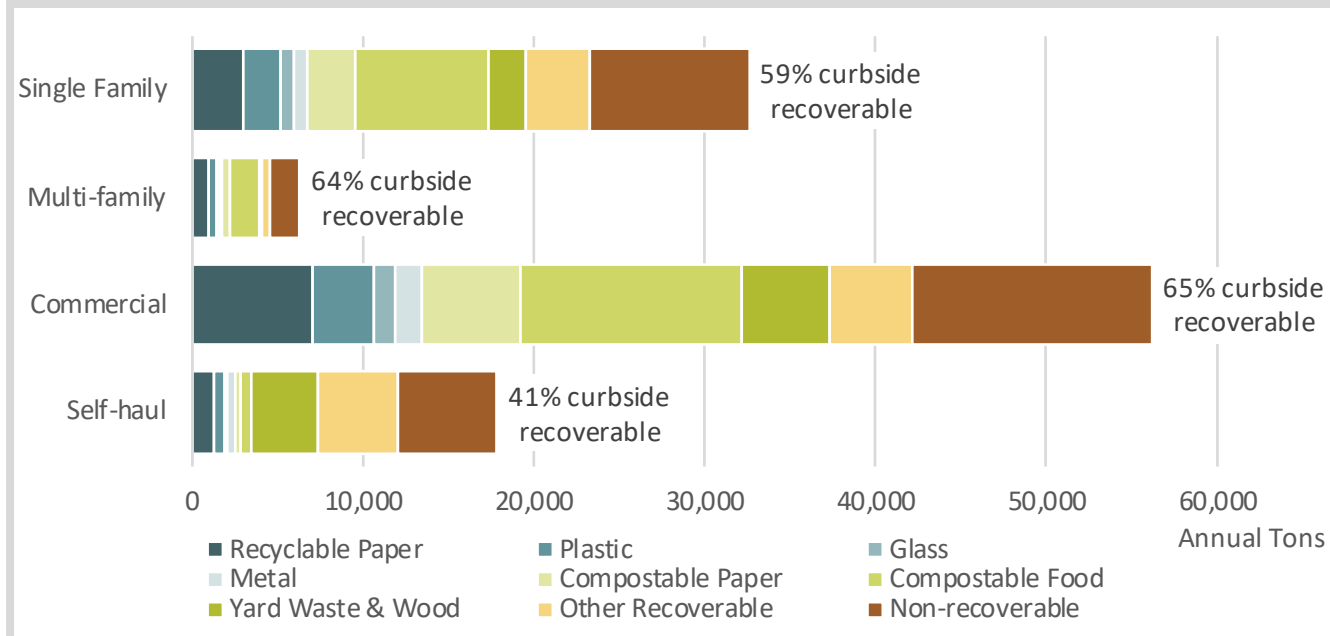
Capture rates



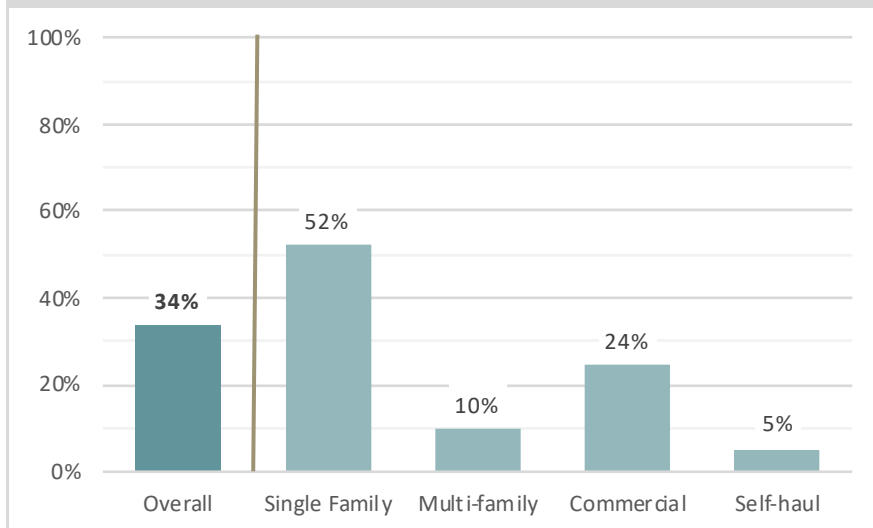
Garbage Recoverability



Disposed Waste by Recoverability and Material Class



Current Estimated Diversion Rates



Current and Maximum Diversion Rates

*Maximum diversion rates are based on diverting all recoverable materials, including materials in the garbage stream and material that are contaminants in recovery streams.

