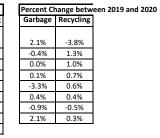
2020 Composition Summary

			= contamination category											
	Garbage Summary		Recycling Summary				Garbage Summary				Recycling Summary			
		Upper	Lower		Upper	Lower			Upper	Lower			Upper	Lower
	Mean	Bound	Bound	Mean	Bound	Bound		Mean	Bound	Bound		Mean	Bound	Bound
Newsprint	0.4%	0.6%	0.3%	6.0%	8.6%	3.3%		0.4%	0.5%	0.3%		3.3%	4.8%	1.8%
Recyclable OCC	0.8%	1.0%	0.6%	12.8%	15.0%	10.7%		1.3%	1.5%	1.0%		11.5%	13.8%	9.2%
Recyclable E-Commerce OCC	0.3%	0.5%	0.1%	3.7%	4.8%	2.5%		0.2%	0.3%	0.2%		6.9%	8.7%	5.0%
Pizza Boxes	0.6%	0.8%	0.4%	1.1%	1.4%	0.8%		0.1%	0.1%	0.0%		0.8%	1.4%	0.3%
Non-Recyclable OCC	0.3%	0.4%	0.1%	1.4%	2.6%	0.2%		0.4%	0.5%	0.3%		1.2%	1.6%	0.8%
Kraft Paper/paperboard	1.9%	2.2%	1.6%	6.5%	7.4%	5.7%		2.4%	2.7%	2.0%		7.9%	8.8%	6.9%
High Grade Office Paper	1.5%	2.3%	0.7%	2.1%	2.8%	1.3%		0.9%	1.3%	0.5%		1.7%	2.5%	1.0%
Magazines/ Glossy	0.6%	0.8%	0.5%	5.8%	7.6%	3.9%		0.6%	0.8%	0.3%		2.8%	3.8%	1.7%
Polycoated/ Aseptic Containers	0.3%	0.4%	0.2%	0.6%	0.7%	0.4%		0.3%	0.4%	0.2%		0.7%	0.9%	0.4%
Mixed (Other Recyclable)	1.8%	2.5%	1.2%	4.5%	5.5%	3.6%		2.7%	4.2%	1.2%		4.2%	5.4%	2.9%
Other (Non-Recyclable)	10.8%	11.9%	9.6%	5.5%	6.5%	4.5%		12.1%	13.1%	11.0%		5.3%	6.5%	4.2%
Paper Subtotal	19.2%	20.6%	17.8%	49.9%	53.6%	46.3%	ľ	21.3%	23.2%	19.4%		46.1%	49.3%	43.0%
PET Containers	2.4%	2.7%	2.0%	5.9%	6.7%	5.0%	ſ	2.1%	2.3%	1.9%		5.6%	6.2%	4.9%
HDPE Containers - Natural	0.5%	0.7%	0.2%	1.4%	1.6%	1.1%	Ī	0.3%	0.4%	0.3%		1.2%	1.6%	0.8%
HDPE Containers - Colored	0.6%	0.8%	0.5%	1.7%	2.0%	1.3%		0.5%	0.6%	0.4%		1.3%	1.6%	1.1%
#3 - #7 Containers	0.4%	0.5%	0.4%	0.4%	0.5%	0.3%		0.4%	0.6%	0.3%		0.3%	0.4%	0.2%
Polypropelene	0.8%	1.0%	0.6%	0.8%	1.0%	0.6%		0.7%	0.8%	0.6%		0.9%	1.2%	0.7%
Non Recyclable Plastic	10.9%	11.8%	9.9%	6.8%	7.6%	5.9%	ľ	11.1%	12.0%	10.1%		8.8%	10.1%	7.6%
Plastic Subtotal	15.6%	16.8%	14.4%	16.8%	18.1%	15.5%	ı	15.1%	16.2%	14.1%		18.1%	19.9%	16.4%
							ŀ							
Aluminum Used Beverage Containers	0.6%	0.8%	0.5%	1.7%	2.0%	1.4%	Ì	0.6%	0.8%	0.5%		2.1%	2.5%	1.8%
Ferrous Metal Food Containers	0.9%	1.1%	0.7%	1.1%	1.4%	0.9%	ı	0.9%	1.0%	0.7%		1.4%	1.8%	1.1%
Other Ferrous Metal	0.9%	1.1%	0.6%	1.2%	1.8%	0.6%	ľ	1.0%	1.3%	0.7%		1.2%	1.8%	0.6%
Other Non-Ferrous Metal	0.9%	1.2%	0.7%	0.4%	0.5%	0.3%	ı	0.8%	1.0%	0.6%		0.6%	0.9%	0.4%
Metals Subtotal	3.3%	3.8%	2.8%	4.4%	5.2%	3.6%	ŀ	3.3%	3.8%	2.8%		5.4%	6.3%	4.6%
							ŀ							
Recyclable Glass	3.7%	4.7%	2.6%	14.5%	17.2%	11.7%	Ì	3.9%	4.8%	3.1%		14.8%	17.2%	12.5%
Non-Recyclable Glass	0.9%	1.1%	0.6%	1.4%	2.1%	0.6%	ľ	0.7%	0.9%	0.5%		1.7%	2.7%	0.7%
Glass Subtotal	4.5%	5.5%	3.5%	15.8%	18.8%	12.8%	ŀ	4.7%	5.5%	3.8%		16.5%	18.8%	14.2%
							ŀ	,						
Yard Waste	3.8%	6.4%	1.1%	0.5%	1.0%	0.0%	ŀ	5.1%	7.3%	3.0%		0.3%	0.4%	0.1%
Wood (non-C&D)	0.4%	0.6%	0.1%	0.4%	0.9%	0.0%	ŀ	0.4%	0.6%	0.2%		0.4%	0.7%	0.1%
Food Waste	31.3%	34.0%	28.5%	3.5%	4.9%	2.0%	ľ	27.8%	30.3%	25.2%		6.3%	8.4%	4.2%
Other Organics	14.4%	16.5%	12.2%	6.1%	8.1%	4.2%	ŀ	13.2%	15.8%	10.5%		4.2%	5.3%	3.0%
Organics Subtotal	49.8%	52.9%	46.7%	10.5%	13.3%	7.7%	ŀ	46.5%	49.0%	43.9%		11.1%	14.0%	8.2%
							ŀ							
Recyclable C&D	0.3%	0.4%	0.1%	0.0%	0.0%	0.0%	ı	0.1%	0.2%	0.0%		0.0%	0.1%	0.0%
Other C&D	1.0%	1.8%	0.2%	0.5%	1.3%	0.0%	ŀ	1.6%	2.8%	0.4%		0.9%	1.8%	0.0%
C&D Subtotal	1.2%	2.1%	0.4%	0.5%	1.3%	0.0%	ŀ	1.6%	2.8%	0.4%		1.0%	1.9%	0.1%
	/-	/0	Q. 170	3.370	2.3/0	0.070	ŀ	2.070		J. 770	Н	2.070	2.570	J.170
Electronics	0.8%	1.2%	0.3%	0.7%	1.0%	0.3%	ŀ	0.8%	1.2%	0.3%	Н	0.4%	0.8%	0.0%
HHW	0.8%	1.3%	0.3%	0.1%	0.1%	0.0%	ŀ	0.4%	0.7%	0.3%		0.4%	0.8%	0.0%
Bulky Waste	0.8%	1.5%	0.3%	0.1%	1.1%	0.0%	ŀ	0.4%	0.7%	0.1%		0.1%	0.2%	0.0%
Problem Materials Subtotal	2.4%	3.3%	1.4%	1.1%	1.1%	0.0%	ŀ	1.4%	2.1%	0.0%		0.1%	1.0%	0.0%
r robiem Materiais Subtotai	2.4/0	3.3/0	1.4/0	1.1/0	1.3/0	U.4/0	ļ	1.4/0	2.1/0	0.7/0	-	0.070	1.0/0	0.2/0
Other Ingranies	0.70/	1.00/	0.49/	0.70/	1 70/	0.0%	ŀ	2.70/	2.70/	1 00/		0.00/	2.09/	0.00/
Other Inorganics Fines	0.7% 3.3%	1.0% 3.7%	0.4% 2.8%	0.7%	1.7% 0.3%	0.0%	ŀ	2.7% 3.3%	3.7% 3.7%	1.8% 2.9%		0.9%	2.0% 0.4%	0.0%
riiles	3.3%	3./70	2.070	0.1%	0.5%	0.0%	ļ	3.3%	3.7%	2.970		U.270	U.476	0.0%

4.0% 4.5% 3.4% 0.8% 1.8% 0.0% 6.0% 7.1% 5.0% 1.1% 2.2% 0.1%

2019 Composition Summary

	20	19		2020		
	Garbage	Recycling		Garbage	Recycling	
Paper	19.2%	49.9%		21.3%	46.1%	
Plastic	15.6%	16.8%		15.1%	18.1%	
Metals	3.3%	4.4%		3.3%	5.4%	
Glass	4.5%	15.8%		4.7%	16.5%	
Organics	49.8%	10.5%		46.5%	11.1%	
C&D	1.2%	0.5%		1.6%	1.0%	
Problem Materials	2.4%	1.1%		1.4%	0.6%	
Other	4.0%	0.8%	Ì	6.0%	1.1%	
Total	100%	100%	Ī	100%	100%	



Glass, 16% -

Metals, 4%

Material Category Summary



— Paper , 50%

Note: Contamination rate adjusted to better reflect the composition of the material that is delivered and processed by MRFs in the region. Only 75% of the weights of contamination categories including non-recyclable plastic, food waste, and other organics are considered. These weights are adjusted because during the sorting event nonrecyclable plastic category included bulky plastic, a material that several MRFs in the region sort and sell. Also, food waste and other organics are often moisture rich, and their volume and weight reduced due to spillage and evaporation in transportation and handling of material at the MRFs.

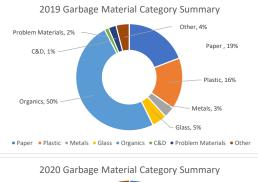
Contamination Summary

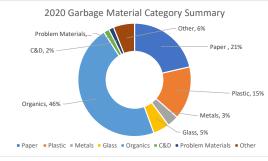
2019

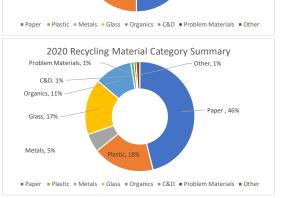
28.0%

2020

30.8% 23.9% 26.0%







2019 Recycling Material Category Summary

Other Subtotal