

CIF/SO Terms of Reference Year 2 4-Season Residential Waste Composition Study Results

Summary Report

Prepared for
Continuous Improvement Fund

Prepared by
AET Group Inc.
531 Wellington St. North
Kitchener ON N2H 5L6
T (519) 576-9723
F (519) 570-9589
www.aet98.com

October 3, 2018



TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	Background	1
2.0	METHODOLOGY.....	1
2.1	Data Collection.....	1
2.2	Calculations.....	2
3.0	RESULTS AND DISCUSSION	3
3.1	Single Family Residential Curbside Results.....	3
3.1.1	Large Urban A	4
3.1.2	Large Urban B	8
3.1.3	Urban Regional	12
3.1.4	Medium Urban.....	17
3.1.5	Rural Regional A.....	21
3.1.6	Rural Regional B.....	25
3.1.7	Small Urban.....	29
3.1.8	Rural Collection North	33
3.2	Multi-Residential Waste Composition Results.....	37
3.2.1	Large Urban A	37
3.2.2	Large Urban B	42

LIST OF TABLES

Table 3.1 Overview of Single Family Collection Details.....	3
Table 3.2 Overview of Multi-Residential Collection Details	37

LIST OF FIGURES

Figure 3.1 Large Urban A Garbage & Recycling Stream Breakdown (kg/hh/wk)	4
Figure 3.2 Large Urban A Recycling Stream Breakdown (kg/hh/wk)	5
Figure 3.3 Large Urban A Garbage Stream Breakdown (kg/hh/wk).....	6
Figure 3.4 Large Urban A Capture Rates	7
Figure 3.5 Large Urban B Garbage & Recycling Stream Breakdown (kg/hh/wk)	8
Figure 3.6 Large Urban B Recycling Stream Breakdown (kg/hh/wk)	9
Figure 3.7 Large Urban B Garbage Stream Breakdown (kg/hh/wk).....	10
Figure 3.8 Large Urban B Capture Rates	11
Figure 3.9 Urban Regional Garbage, Recycling & Organics Stream Breakdown (kg/hh/wk)	12
Figure 3.10 Urban Regional Recycling Stream Breakdown (kg/hh/wk)	13
Figure 3.11 Urban Regional Garbage Stream Breakdown (kg/hh/wk).....	14
Figure 3.12 Urban Regional Organics Stream Breakdown (kg/hh/wk)	15
Figure 3.13 Urban Regional Capture Rates	16
Figure 3.14 Medium Urban Garbage & Recycling Stream Breakdown (kg/hh/wk)	17
Figure 3.15 Medium Urban Recycling Stream Breakdown (kg/hh/wk).....	18
Figure 3.16 Medium Urban Garbage Stream Breakdown (kg/hh/wk)	19
Figure 3.17 Medium Urban Capture Rates.....	20
Figure 3.18 Rural Regional A Garbage & Recycling Stream Breakdown (kg/hh/wk)	21

Figure 3.19 Rural Regional A Recycling Stream Breakdown (kg/hh/wk).....	22
Figure 3.20 Rural Regional A Garbage Stream Breakdown (kg/hh/wk)	23
Figure 3.21 Rural Regional A Capture Rates.....	24
Figure 3.22 Rural Regional B Garbage & Recycling Stream Breakdown (kg/hh/wk).....	25
Figure 3.23 Rural Regional B Recycling Stream Breakdown (kg/hh/wk)	26
Figure 3.24 Rural Regional B Garbage Stream Breakdown (kg/hh/wk)	27
Figure 3.25 Rural Regional B Capture Rates.....	28
Figure 3.26 Small Urban Garbage & Recycling Stream Breakdown (kg/hh/wk)	29
Figure 3.27 Small Urban Recycling Stream Breakdown (kg/hh/wk).....	30
Figure 3.28 Small Urban Garbage Stream Breakdown (kg/hh/wk).....	31
Figure 3.29 Small Urban Capture Rates.....	32
Figure 3.30 Rural Collection North Garbage & Recycling Stream Breakdown (kg/hh/wk)	33
Figure 3.31 Rural Collection North Recycling Stream Breakdown (kg/hh/wk)	34
Figure 3.32 Rural Collection North Garbage Stream Breakdown (kg/hh/wk).....	35
Figure 3.33 Rural Collection North Capture Rates	36
Figure 3.34 Large Urban A Multi-Residential Garbage & Recycling Stream Breakdown (kg/unit/wk)	38
Figure 3.35 Large Urban A Multi-Residential Recycling Stream Breakdown (kg/unit/wk)	39
Figure 3.36 Large Urban A Multi-Residential Garbage Stream Breakdown (kg/unit/wk).....	40
Figure 3.37 Large Urban A Multi-Residential Capture Rates.....	41
Figure 3.38 Large Urban B Multi-Residential Garbage & Recycling Stream Breakdown (kg/unit/wk)	42
Figure 3.39 Large Urban B Multi-Residential Recycling Stream Breakdown (kg/unit/wk)	43
Figure 3.40 Large Urban B Multi-Residential Garbage Stream Breakdown (kg/unit/wk)	44
Figure 3.41 Large Urban B Multi-Residential Capture Rates.....	45

APPENDICES

Appendix A. Summary of Waste Audit Results

1.0 INTRODUCTION

1.1 Background

AET Group Inc. (AET) was contracted by the Continuous Improvement Fund (CIF) to compile a report that summarizes the overall waste composition results from eight (8) single-family residential curbside audits and two (2) multi-residential waste audits. Kilogram per household per week (kg/hh/wk) and kilogram per unit per week (kg/unit/wk) generation rates are summarized by material type, season, and municipal group.

The municipalities audited fell into six (6) of RPRA's nine (9) municipal group classifications. The audit results include the following municipal groups: Large Urban, Medium Urban, Small Urban, Urban Regional, Rural Collection North & Rural Regional. The remaining municipal groups that were not part of the 2017/2018 audit program include: Rural Collection South, Rural Depot South and Rural Depot North.

The studies were jointly funded by the CIF and Stewardship Ontario (SO) under the Terms of Reference (TOR) for Single Family Curbside and Multi-Residential Waste Composition Studies, published by Waste Diversion Ontario (Now the Resource Productivity and Recovery Authority - RPRA) in December of 2015. Full details of the TOR may be found at the following link: <http://thecif.ca/waste-composition-studies/>.

2.0 METHODOLOGY

2.1 Data Collection

Four seasonal 2-week audits were conducted in each municipality over the study period (8 weeks total per municipality). The sample size was 100 households per municipality. The sampled households were pre-selected and remained the same throughout all four seasonal audits. Sampled multi-residential buildings included different number of units for each municipality but the same buildings were audited over the course of 8 weeks total per municipality. Waste was collected, sorted and weighed all garbage, recycling and organics (if applicable) set out by the sample households over the four seasonal audit periods. Materials were collected, sorted and weighed separately by stream and by sample area.

The number of households sampled is adjusted to account for any hauler issues (e.g. material picked up by regular hauler before audit team arrival), resident refusals, or seasonal drop off locations. Although material categories were the same for all audits, a particular materials' classification as recyclable or compostable was dependant on each individual municipality's acceptance criteria.

2.2 Calculations

The calculations used to analyze the waste audit results are as follows:

Total kg/hh/wk:

$$\left(\frac{\text{Total disposed weight (kg)}}{\text{Number of households sampled}} \right) \div \text{generation period (days)} \times 7 \text{ days}$$

Capture Rate:

$$\left(\frac{\text{Total Recycled (kg)}}{\text{Total Generated (kg)}} \right) \times 100\%$$

4-Season Average (kg/hh/wk):

$$\left(\frac{\text{Spring (kg/hh/wk)} + \text{Summer (kg/hh/wk)} + \text{Fall (kg/hh/wk)} + \text{Winter (kg/hh/wk)}}{4} \right)$$

3.0 RESULTS AND DISCUSSION

3.1 Single Family Residential Curbside Results

The following section summarizes the results of the waste composition calculations. Table 3.1 provides an overview of the waste collection details for the eight (8) municipal groups audited. The results are presented by primary material category, stream (garbage, recycling & organics (if applicable) as well as a cumulative total (all streams combined). Full detailed results can be found in Appendix A, including breakdown by material sub-category and acceptance criteria for the recycling and organics streams.

Table 3.1 Overview of Single Family Collection Details

Municipal Group	Garbage		Recycling			Organics Organics Program in Place?	Collection Frequency
	Collection Frequency	Bag/ Container Limit	Collection Frequency	Type of Collection	Type of Recycling Receptacles		
Large Urban A	8-day Collection Cycle	3 bag/container limit	8-day Collection Cycle	Two-Stream	Blue Box	No	-
Large Urban B	Bi-weekly	Clear bag system, 4 privacy bags permitted	Weekly	Single-Stream	Blue Box	Yes*	Weekly
Urban Regional	Weekly	1 untagged bag/container and up to 3 additional tagged bags	Weekly	Two-Stream	Blue Box	Yes	Weekly
Medium Urban	Weekly	5 bag/container limit	Weekly	Two-Stream	Blue Box	No	-
Rural Regional A	Weekly	Ranges from 1-3 bags/containers in different areas of the County	Weekly	Two-Stream	Blue Box	No	-
Rural Regional B	Weekly, Bi-weekly for some areas in off-season	Bag tags required on all garbage, ranged from a limit of 2-6 bags	Weekly, Bi-weekly for some areas in off-season	Two-Stream	Blue Box	No*	-
Small Urban	Weekly	3 bag/container limit	Weekly	Two-Stream	Blue Box	No	-
Rural Collection North	Weekly	Cart System	Weekly	Single-Stream	Cart System	No	-

*Large Urban B has organics collection but this material was not collected and audited as a part of the audit.

*Rural Regional B has organics collection in partial areas of the municipality. This material was not collected as part of the audit.

3.1.1 Large Urban A

The Large Urban A composition results are based on a municipality that has an 8-day rotating collection schedule for garbage and recycling. Residents are restricted to a three (3) bag/container limit – bag/container exceedance must be tagged at an additional cost. The recycling program is two-stream blue box collection, where residents set out their containers and fibres separately.

Figure 3.1 Large Urban A Garbage & Recycling Stream Breakdown (kg/hh/wk)

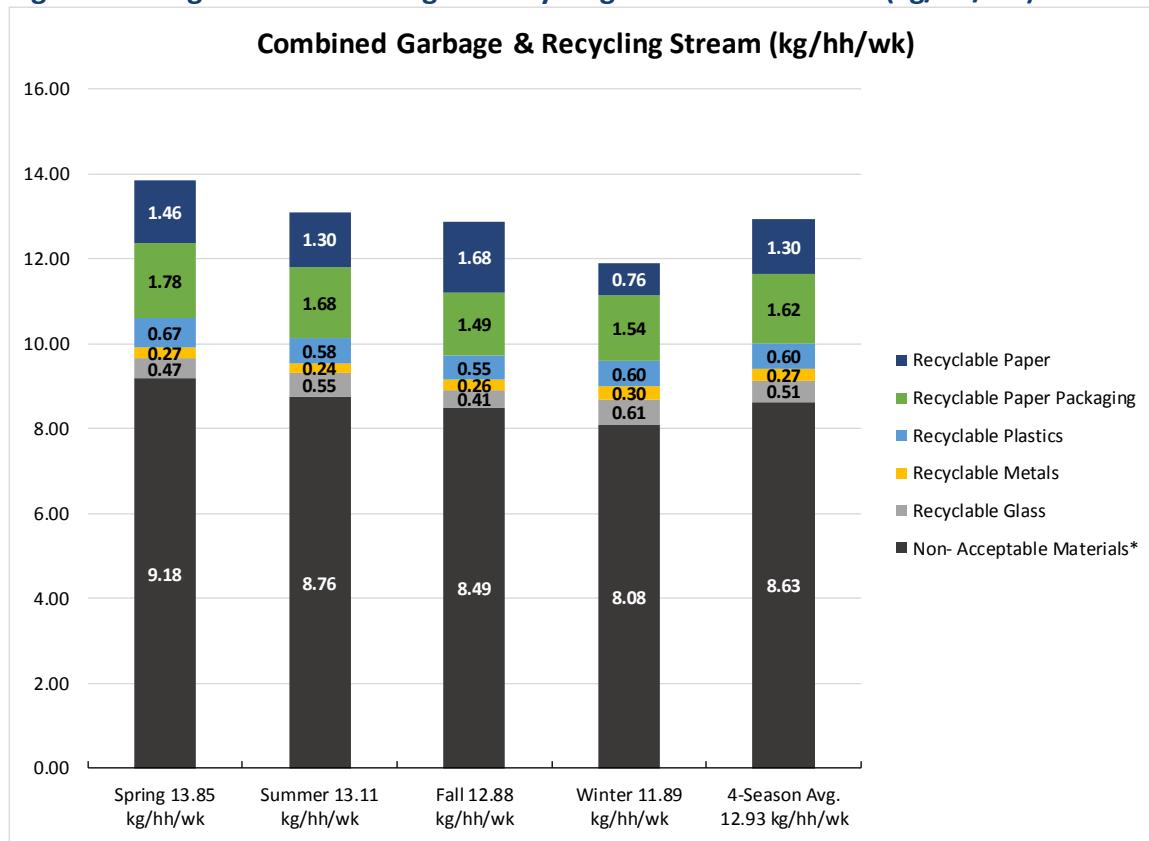
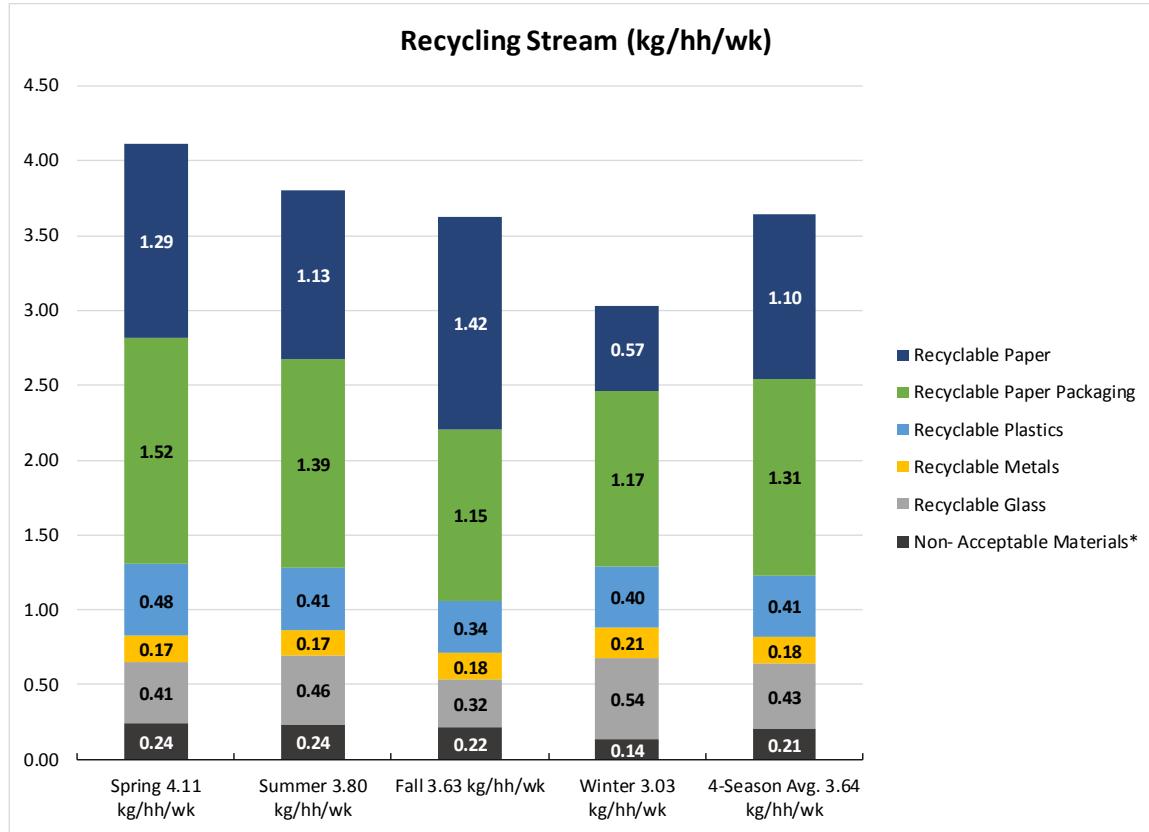
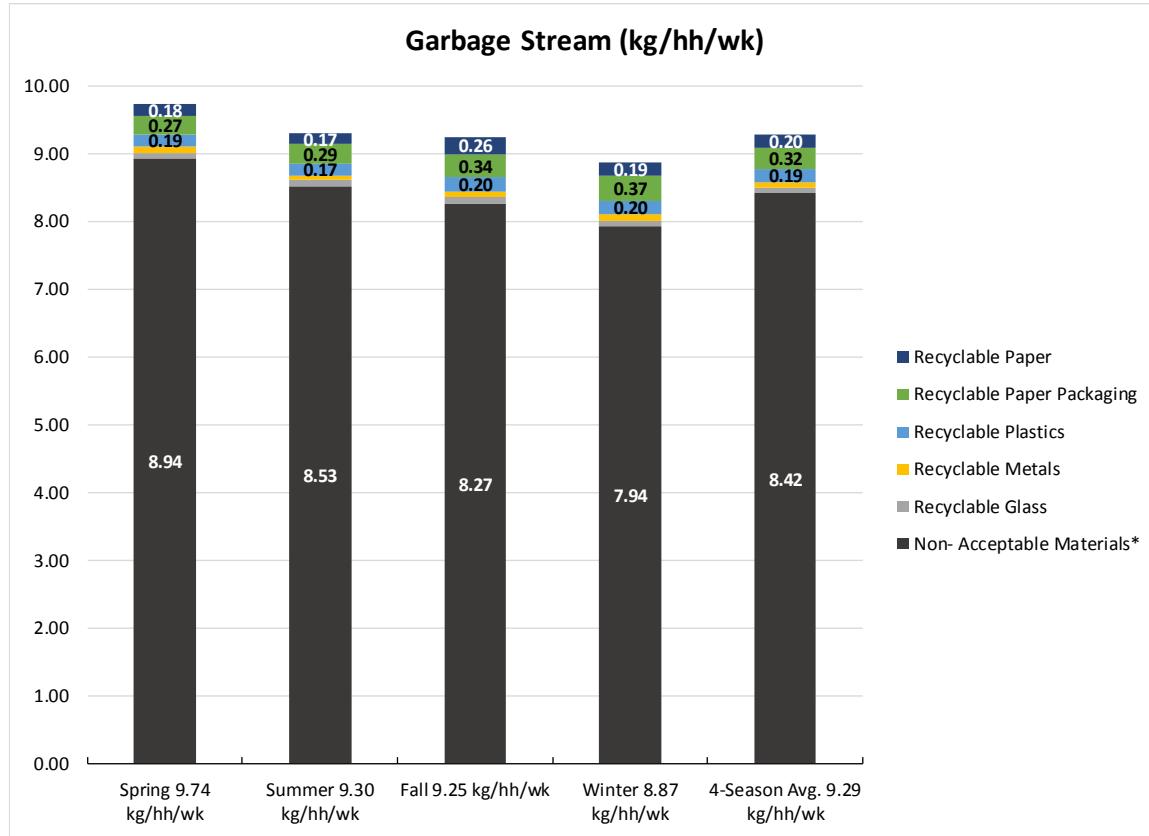


Figure 3.2 Large Urban A Recycling Stream Breakdown (kg/hh/wk)



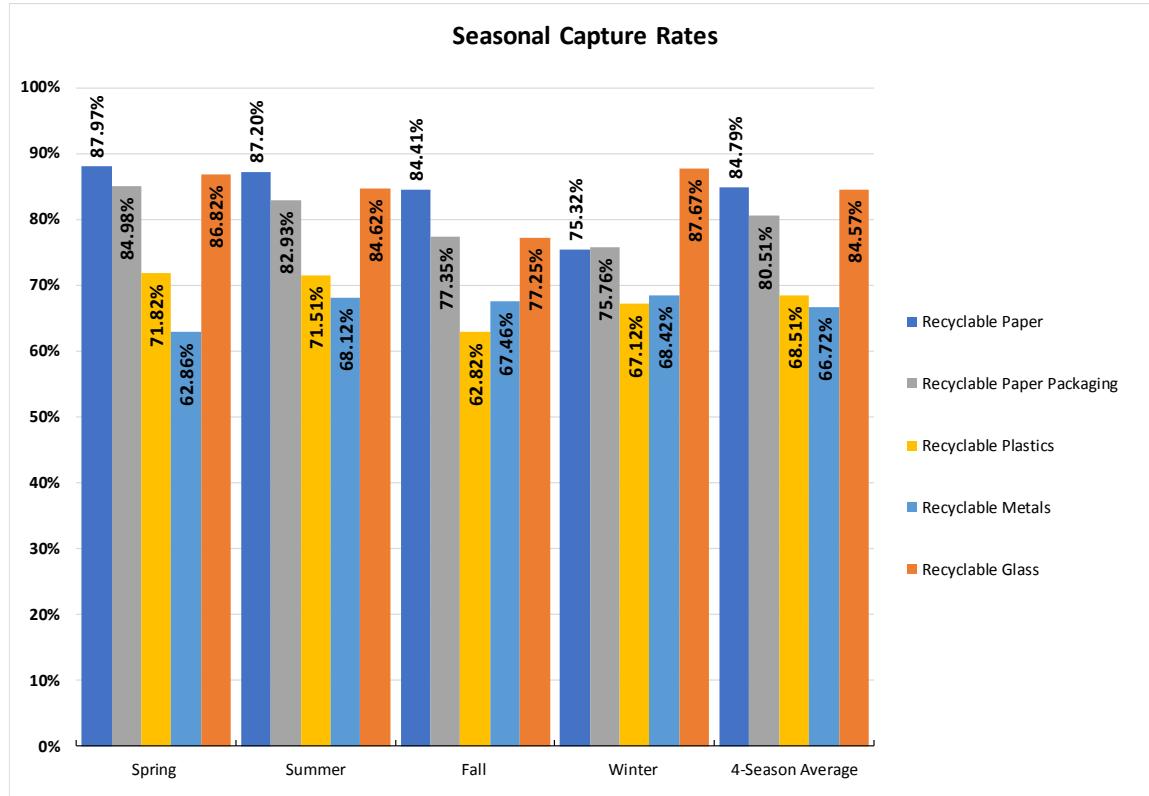
*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

Figure 3.3 Large Urban A Garbage Stream Breakdown (kg/hh/wk)



*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

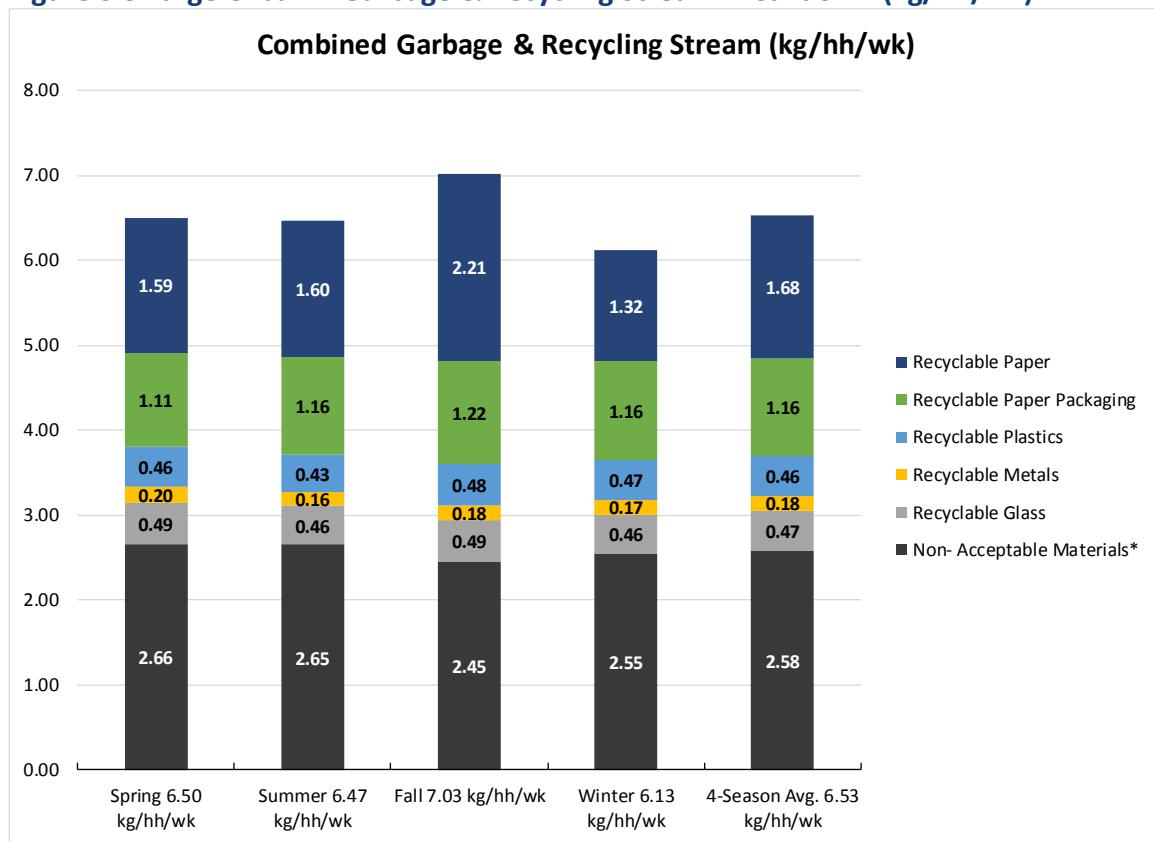
Figure 3.4 Large Urban A Capture Rates



3.1.2 Large Urban B

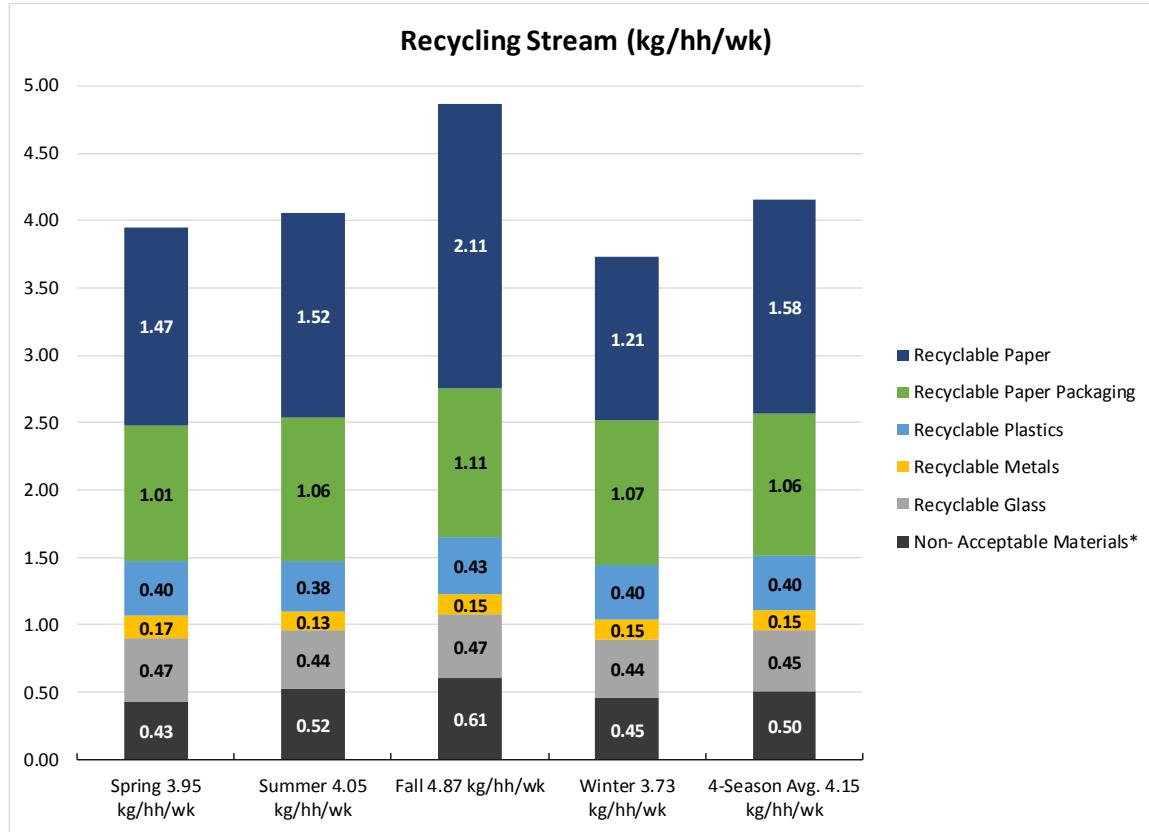
The Large Urban B composition results are based on a municipality that has bi-weekly garbage collection and weekly recycling and organics collection. Residents must set out their garbage in clear bags and 4 privacy bags are permitted each collection. The recycling program is a single-stream blue box collection, where residents set out their containers and fibres together. It must be noted that green bin organic material was not collected and audited as a part of the audit. The combined waste generation includes garbage and recycling material set out at the curbside only.

Figure 3.5 Large Urban B Garbage & Recycling Stream Breakdown (kg/hh/wk)



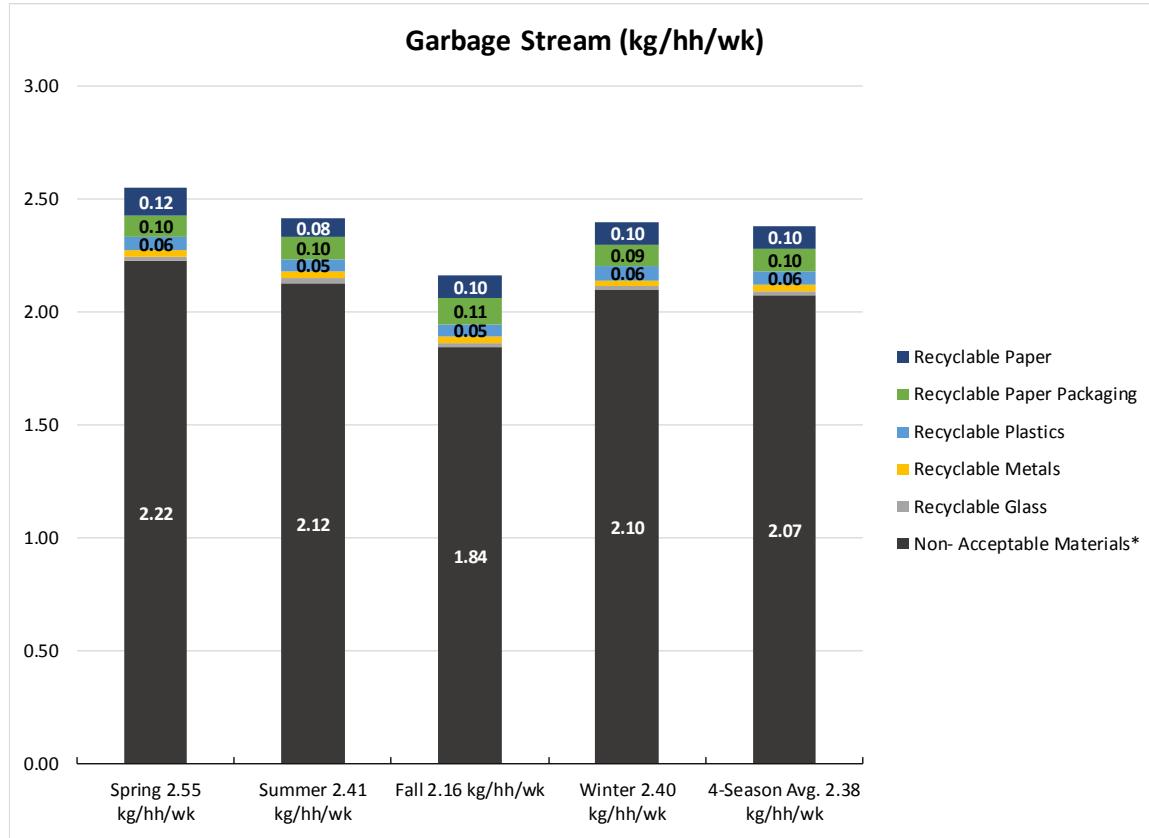
*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.
Note: Generation of green bin organic material is not included in the waste generation chart above.

Figure 3.6 Large Urban B Recycling Stream Breakdown (kg/hh/wk)



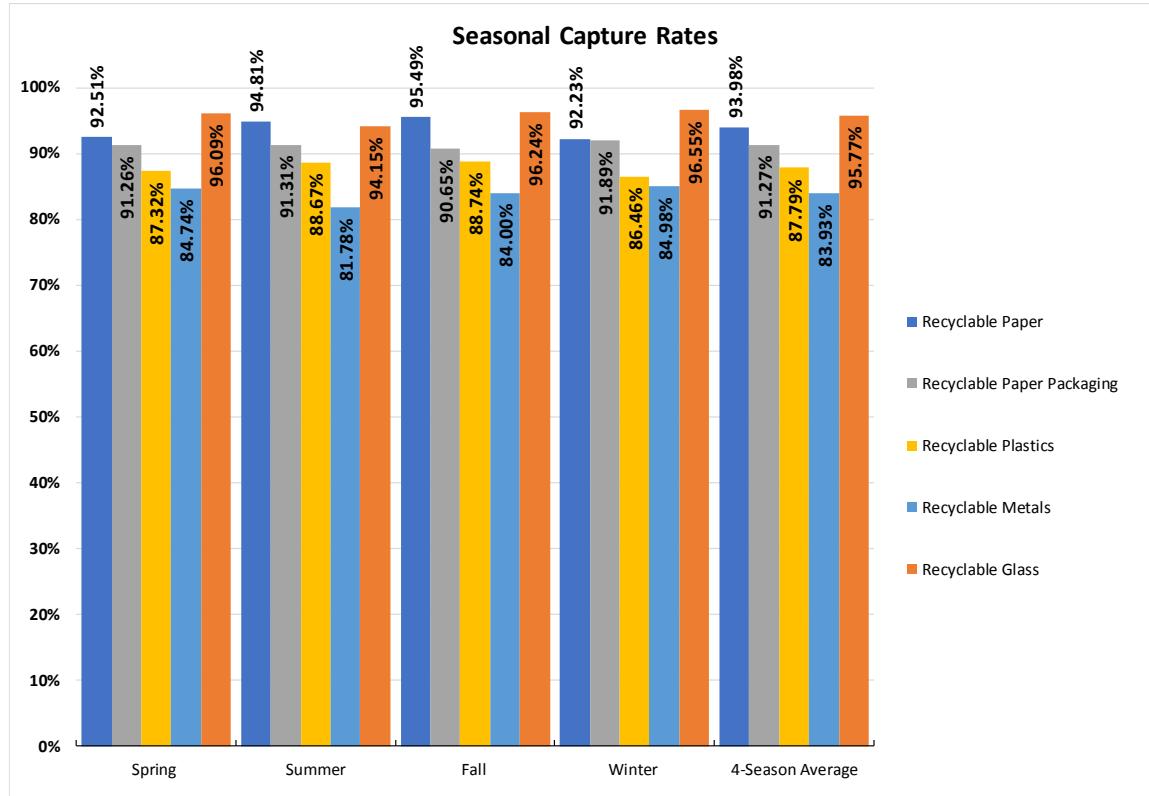
*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

Figure 3.7 Large Urban B Garbage Stream Breakdown (kg/hh/wk)



*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

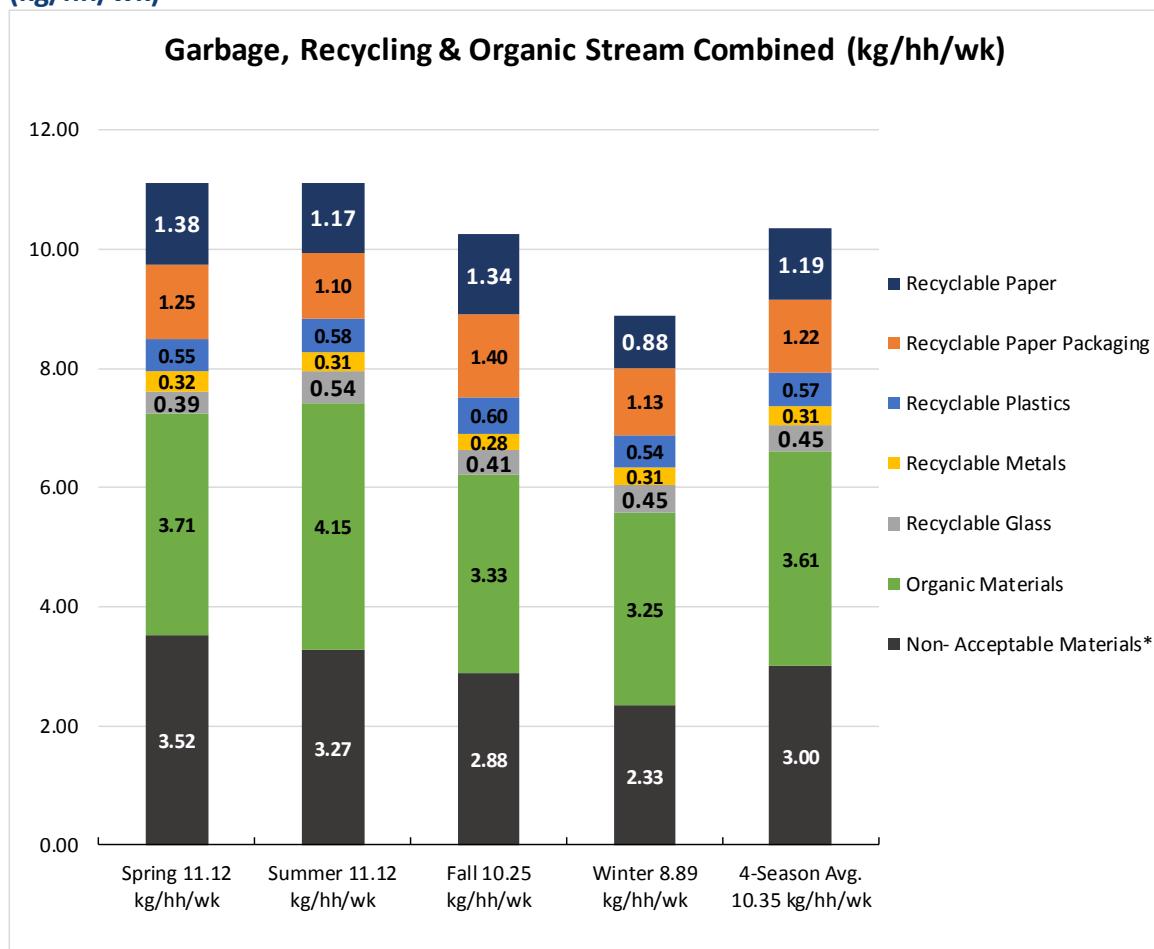
Figure 3.8 Large Urban B Capture Rates



3.1.3 Urban Regional

The Urban Regional composition results are based on a municipality that has weekly garbage, recycling and organics collection. A limit of one (1) bags/containers of garbage is enforced for residents and three (3) additional tagged bags may be set-out for collection. The recycling program is two-stream blue box collection, where residents set out their containers and fibres separately. Organics is collected on a weekly basis and a standard green bin is used.

Figure 3.9 Urban Regional Garbage, Recycling & Organics Stream Breakdown (kg/hh/wk)



*Non-Acceptable Materials are based on this municipality's recycling and organics program acceptance criteria.

Figure 3.10 Urban Regional Recycling Stream Breakdown (kg/hh/wk)

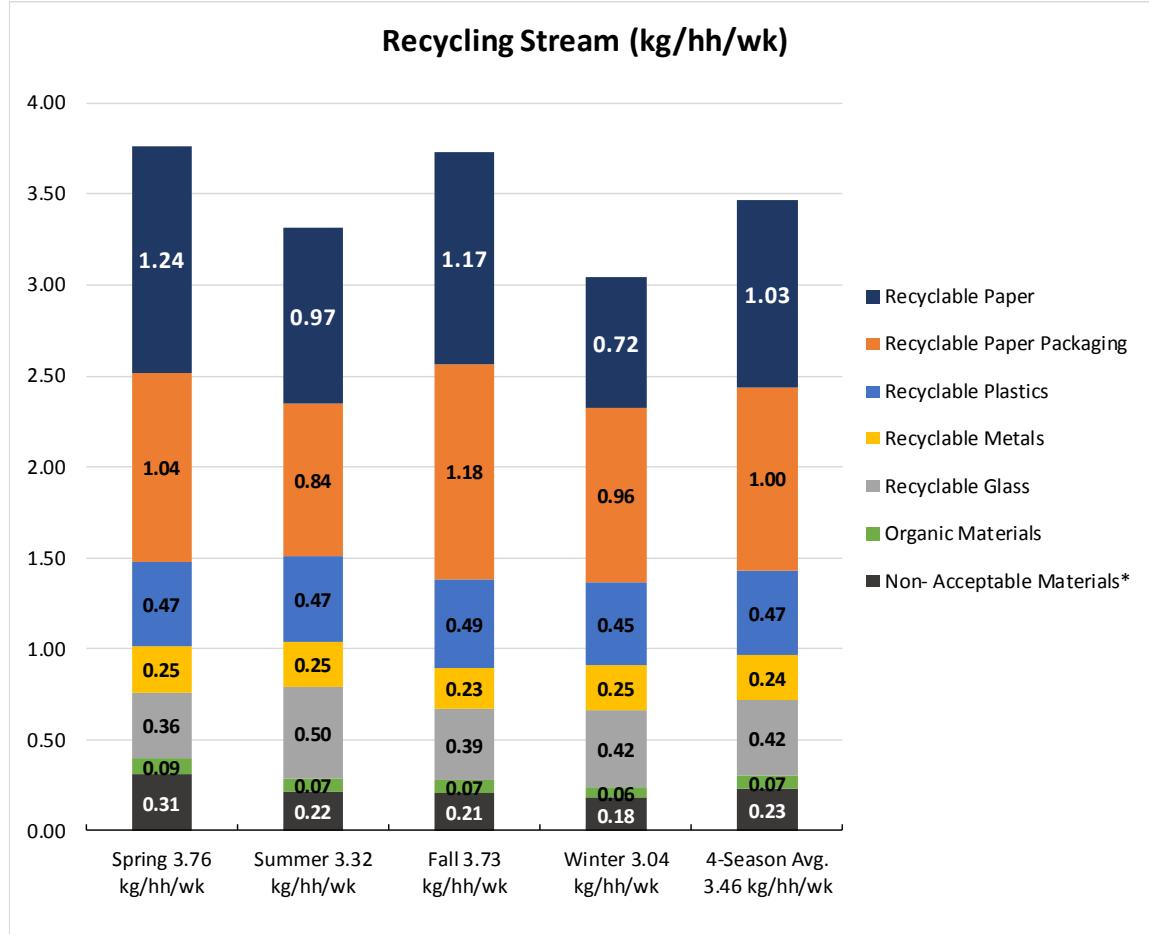
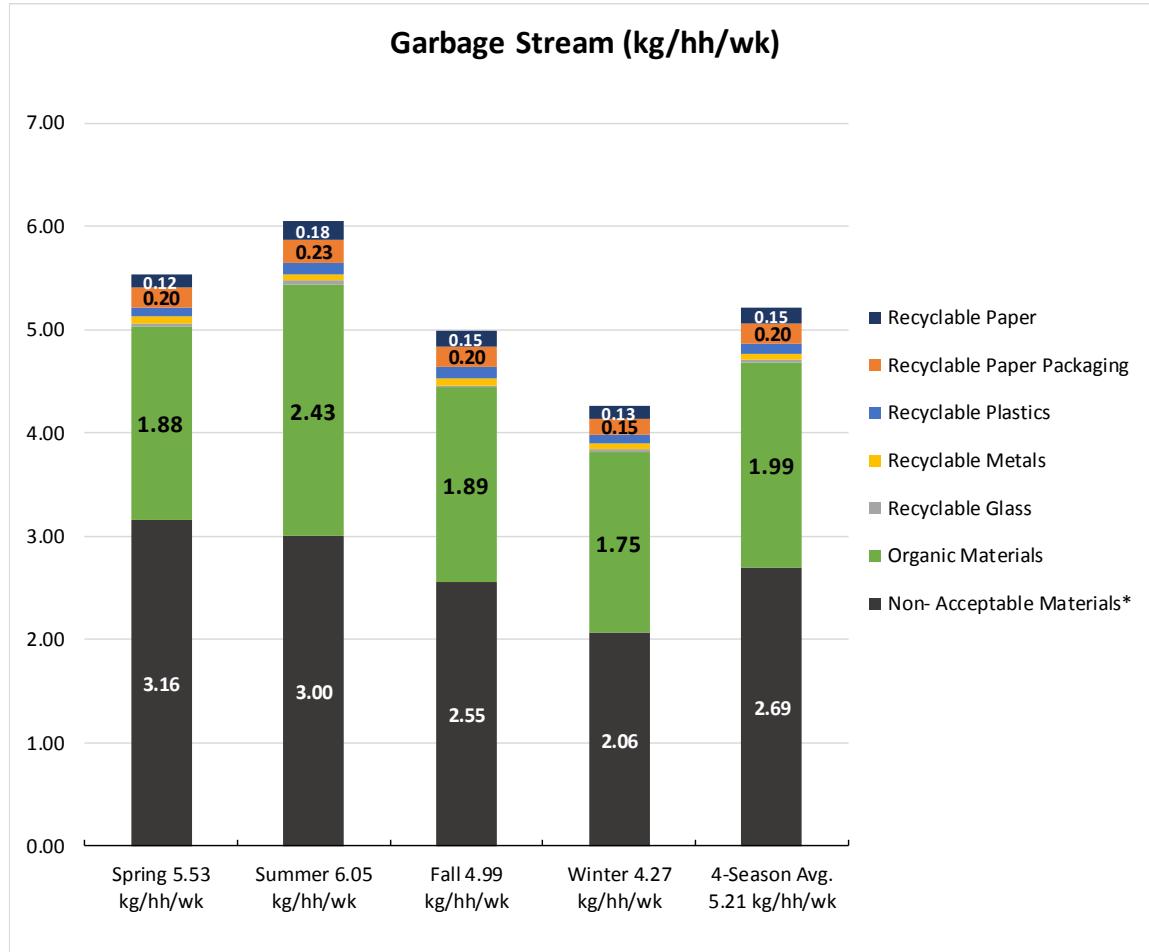
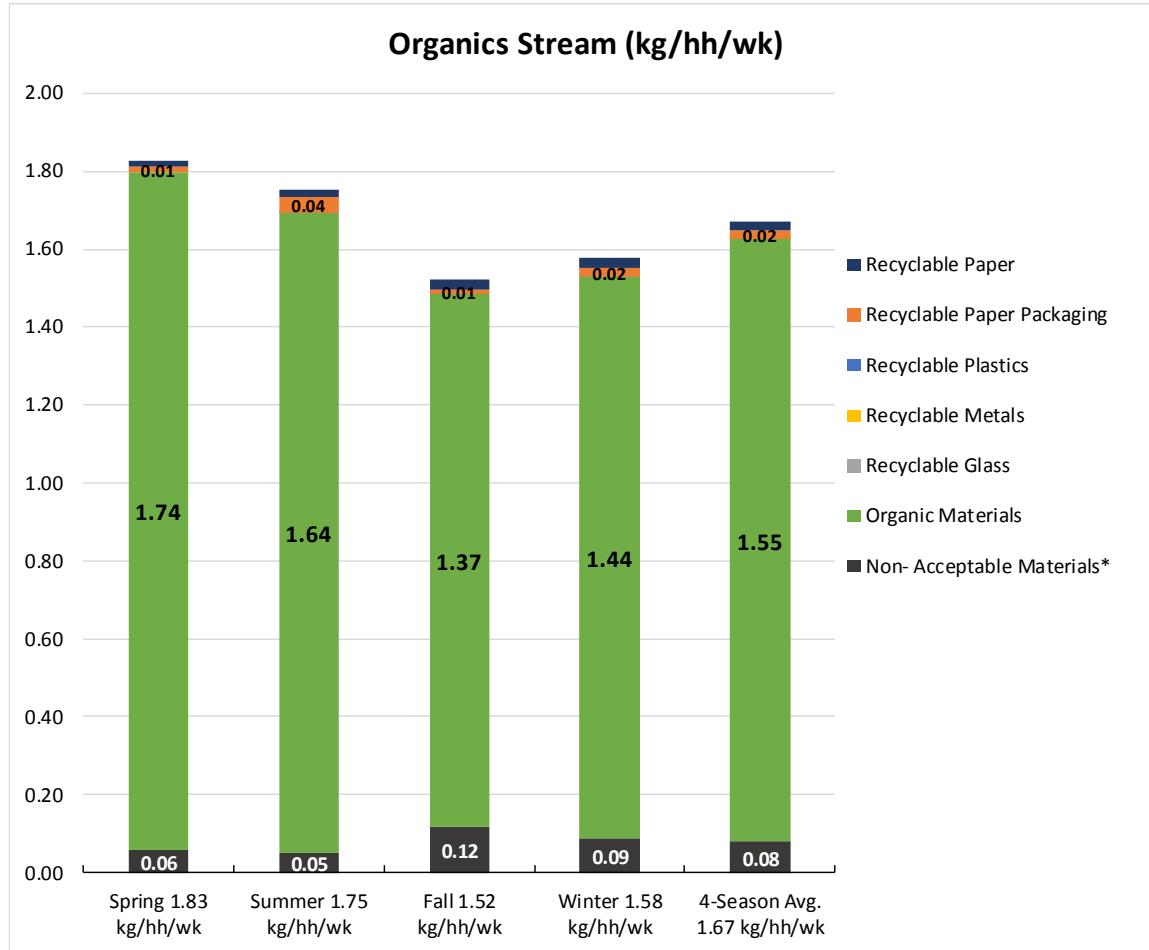


Figure 3.11 Urban Regional Garbage Stream Breakdown (kg/hh/wk)



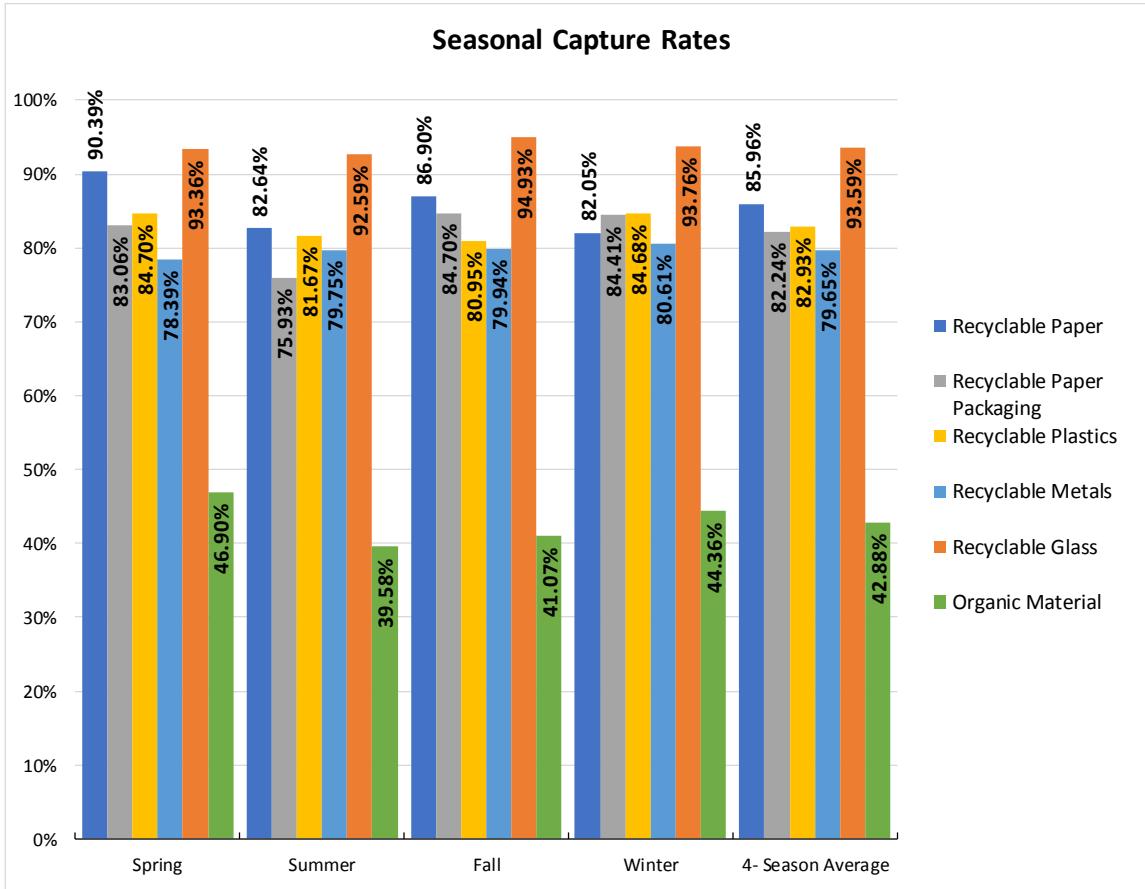
*Non-Acceptable Materials are based on this municipality's recycling and organics program acceptance criteria.

Figure 3.12 Urban Regional Organics Stream Breakdown (kg/hh/wk)



*Non-Acceptable Materials will vary depending on each municipality's organic stream acceptance criteria.

Figure 3.13 Urban Regional Capture Rates

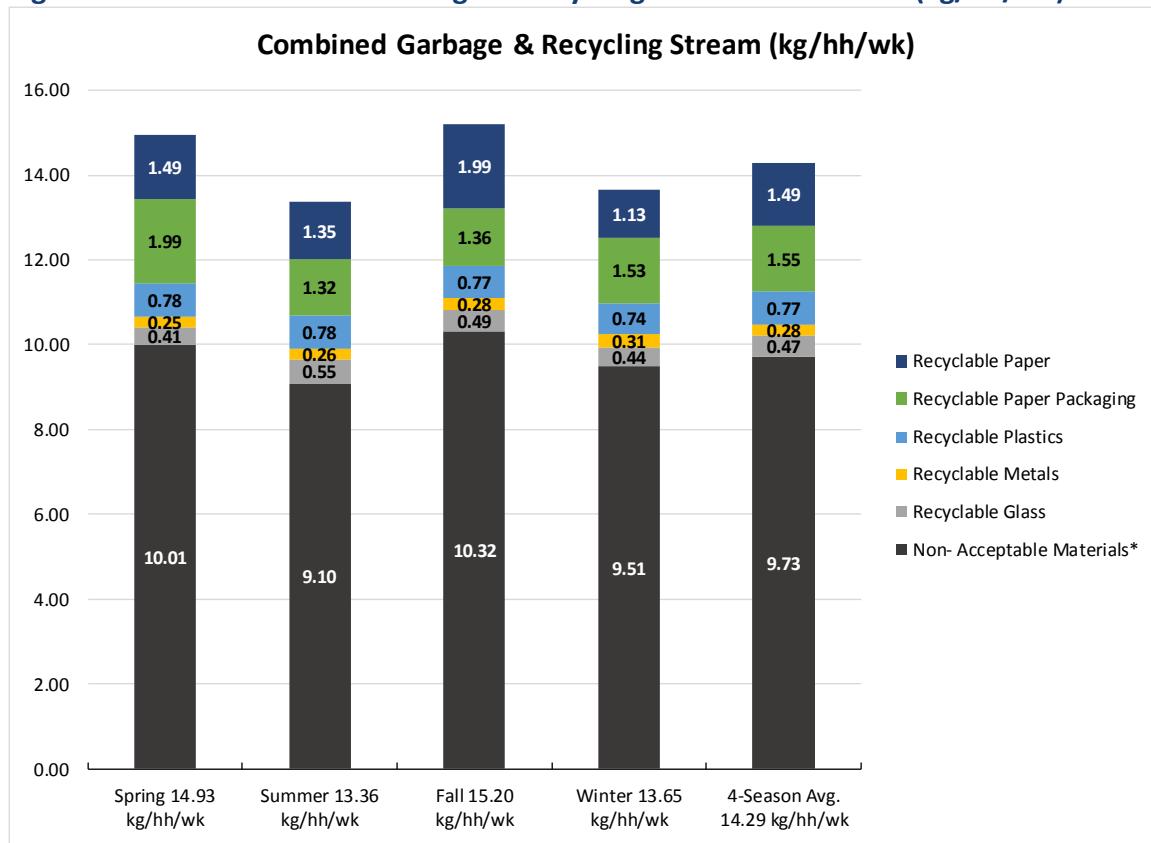


Note: Capture rates for recyclable materials only represent what was captured in the recycling program.

3.1.4 Medium Urban

The Medium Urban composition results are based on a municipality that has weekly garbage and recycling collection. Residents are restricted to five (5) bags/containers of garbage. The recycling program utilizes two-stream blue box collection, where residents set out their containers and fibres separately.

Figure 3.14 Medium Urban Garbage & Recycling Stream Breakdown (kg/hh/wk)



*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

Figure 3.15 Medium Urban Recycling Stream Breakdown (kg/hh/wk)

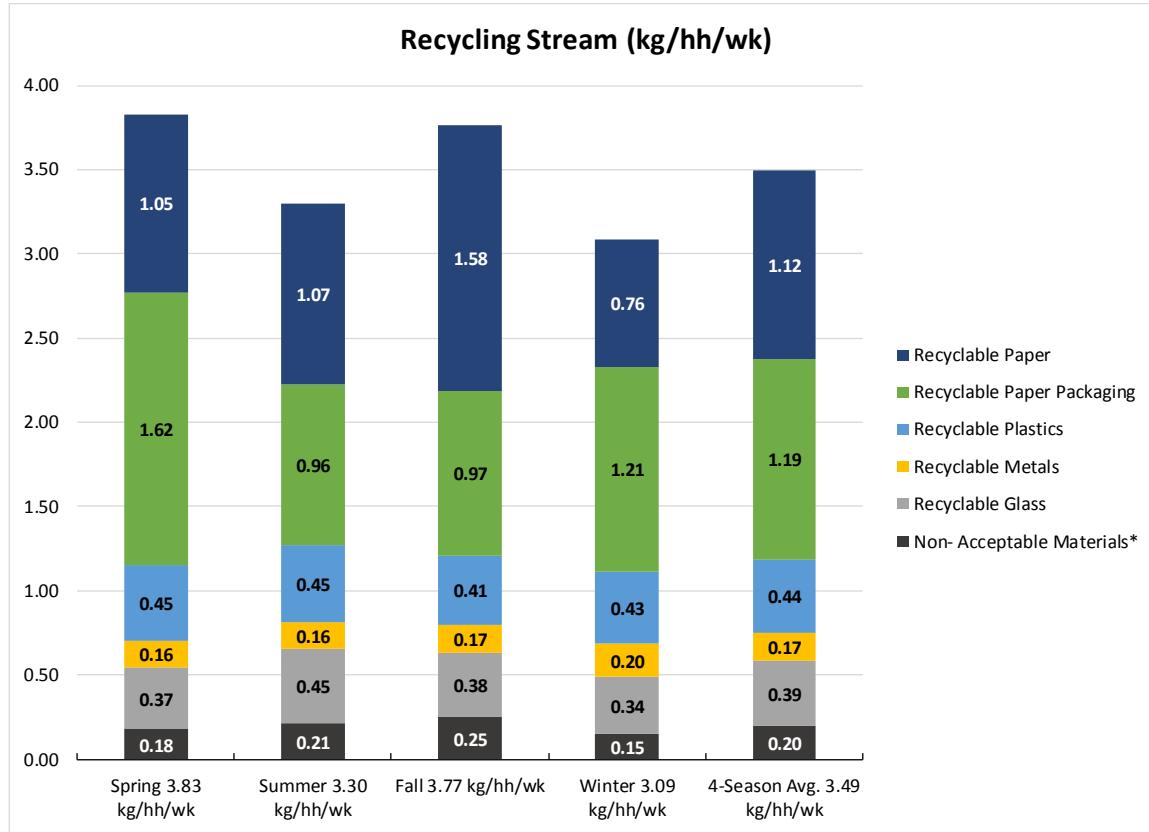
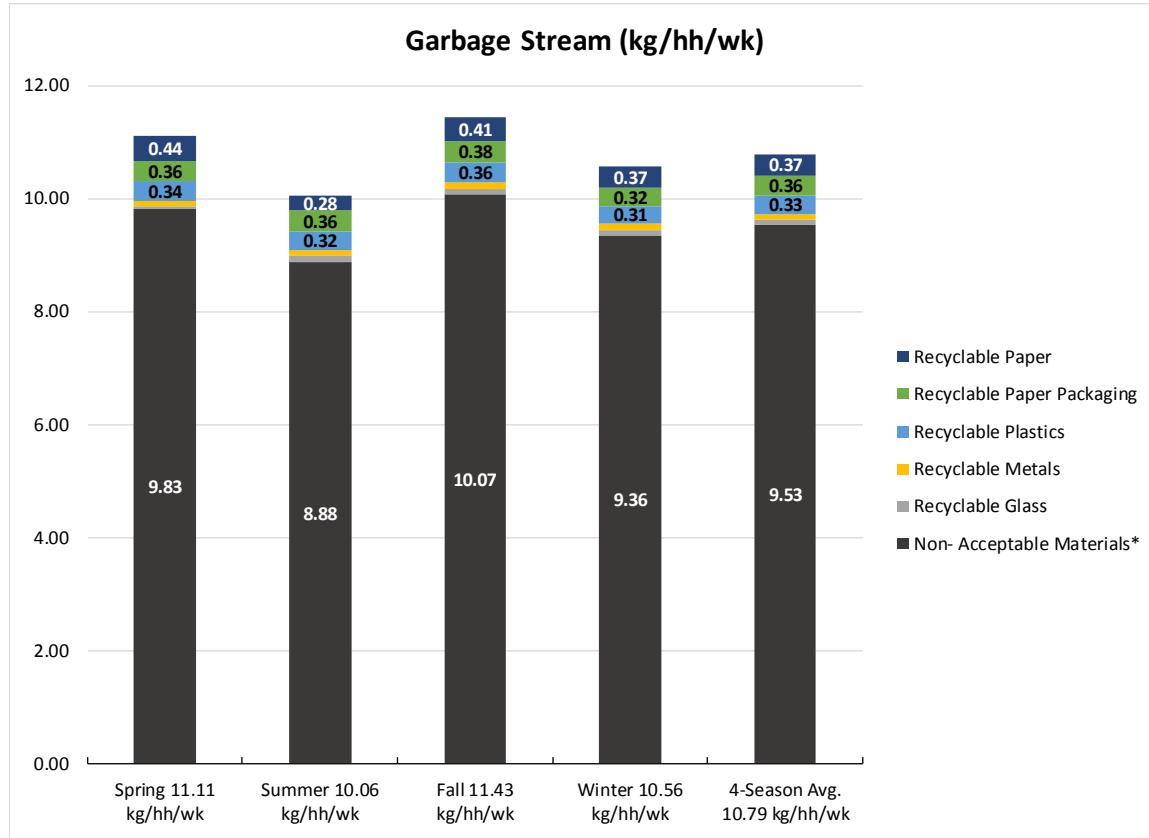
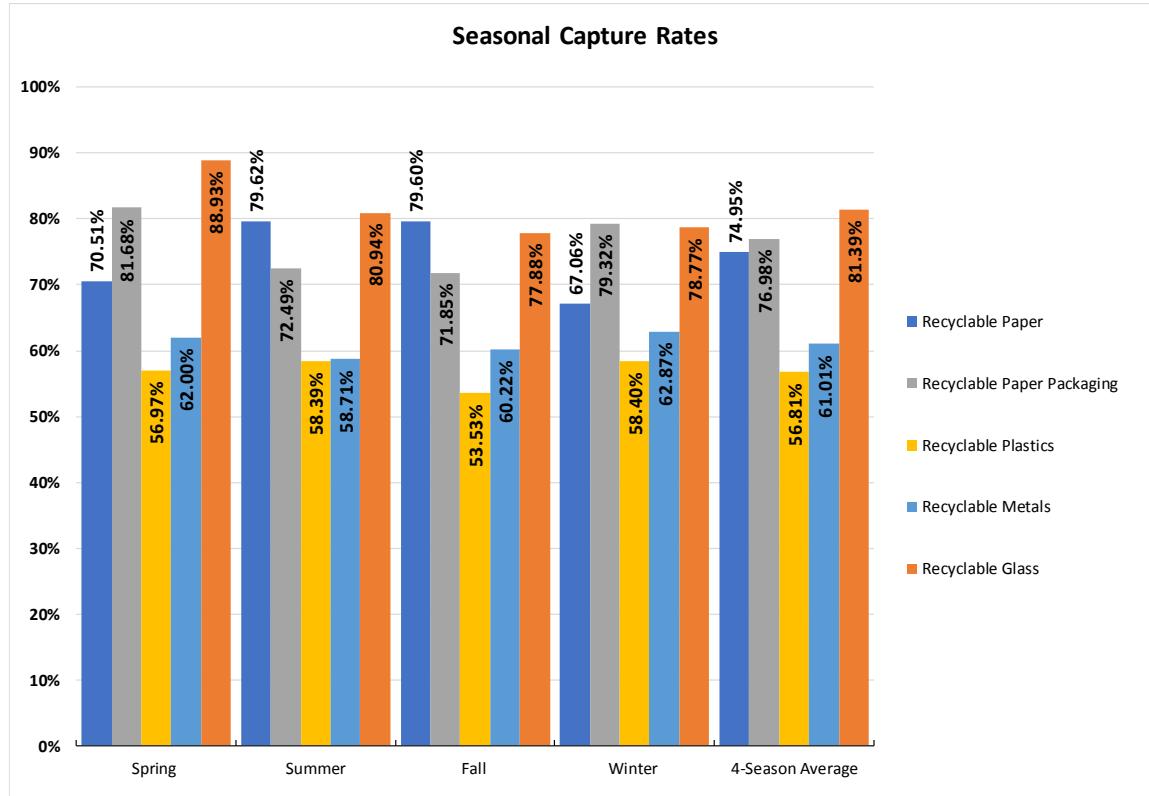


Figure 3.16 Medium Urban Garbage Stream Breakdown (kg/hh/wk)



*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

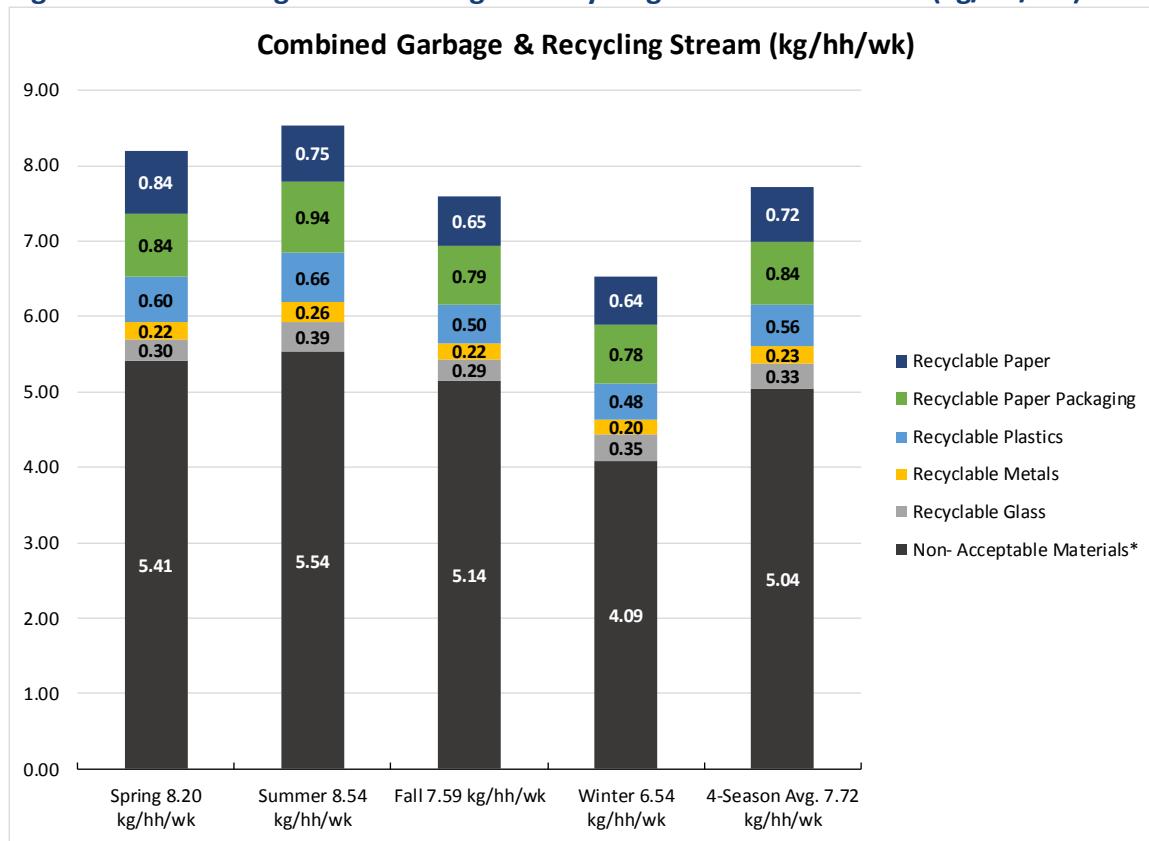
Figure 3.17 Medium Urban Capture Rates



3.1.5 Rural Regional A

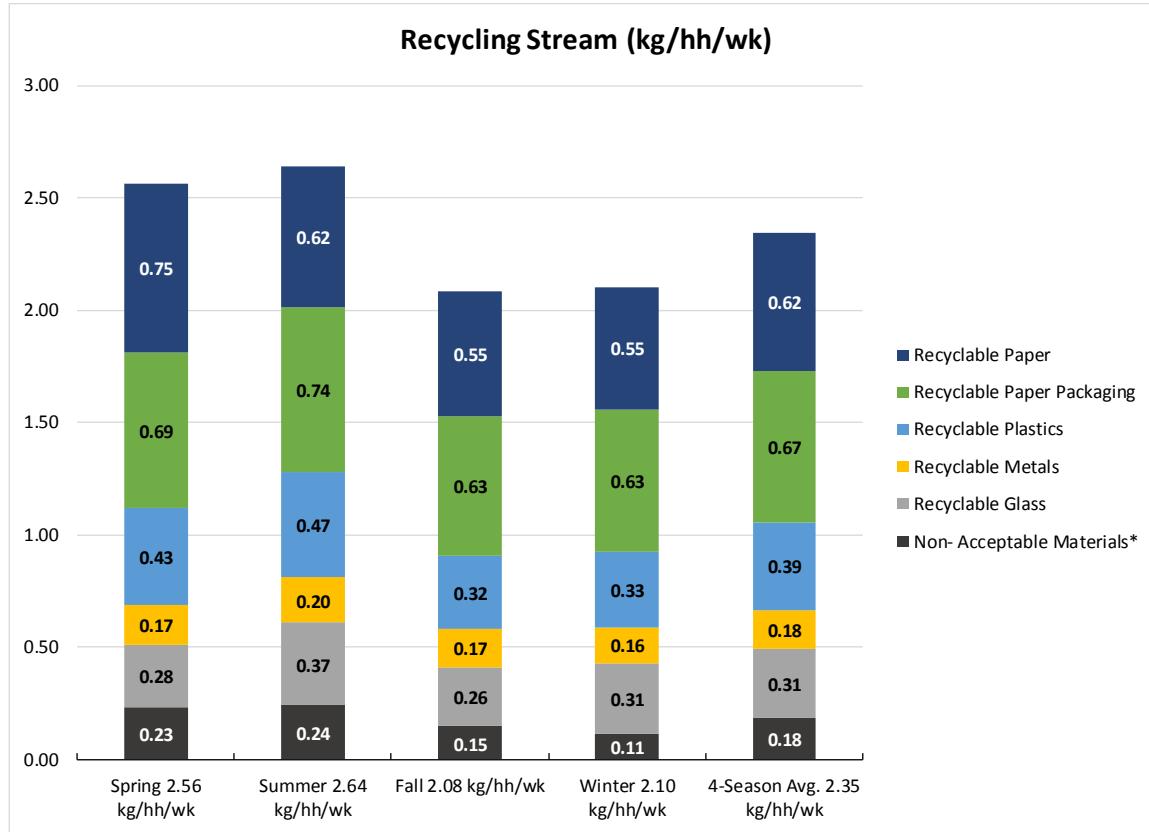
The Rural Regional A composition results are based on a municipality that has weekly garbage and recycling collection. Residents in different areas of the County must abide by different bag limits that range from 1-3 bags/containers of garbage each week. The recycling program utilizes two-stream blue box collection, where residents set out their containers and fibres separately.

Figure 3.18 Rural Regional A Garbage & Recycling Stream Breakdown (kg/hh/wk)



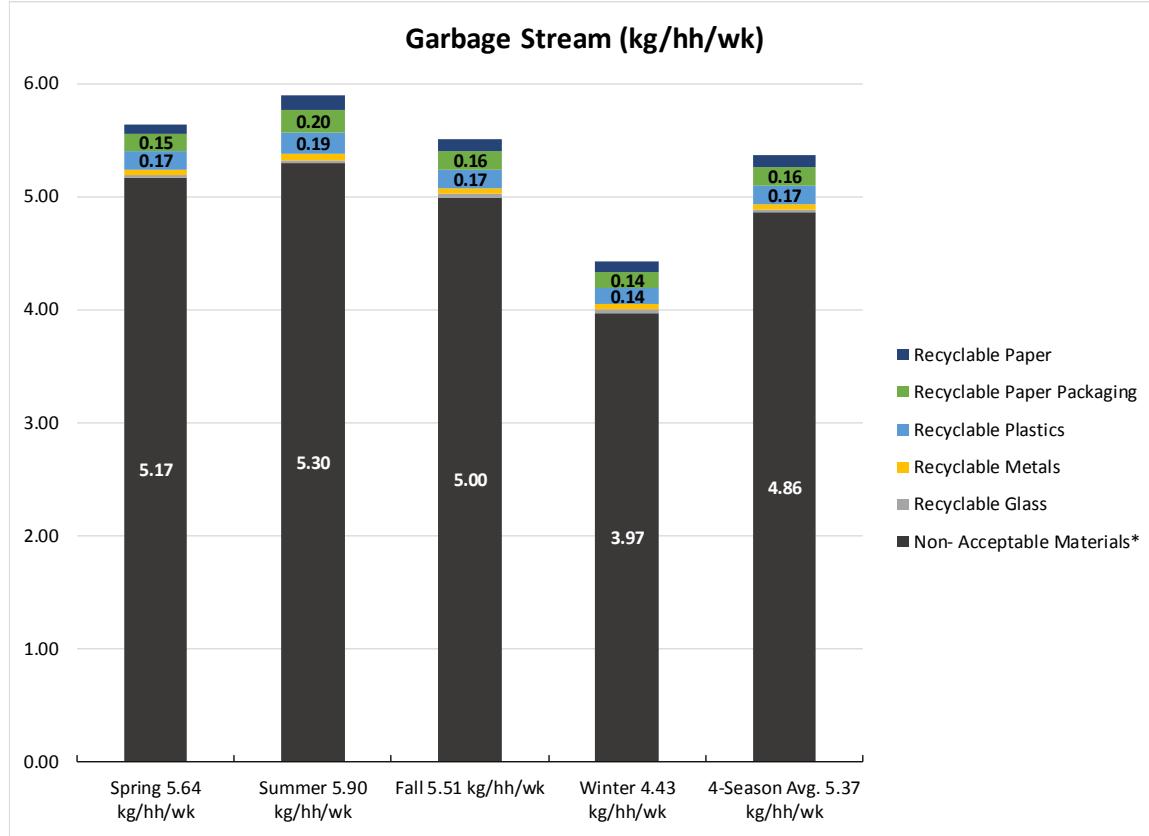
*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

Figure 3.19 Rural Regional A Recycling Stream Breakdown (kg/hh/wk)



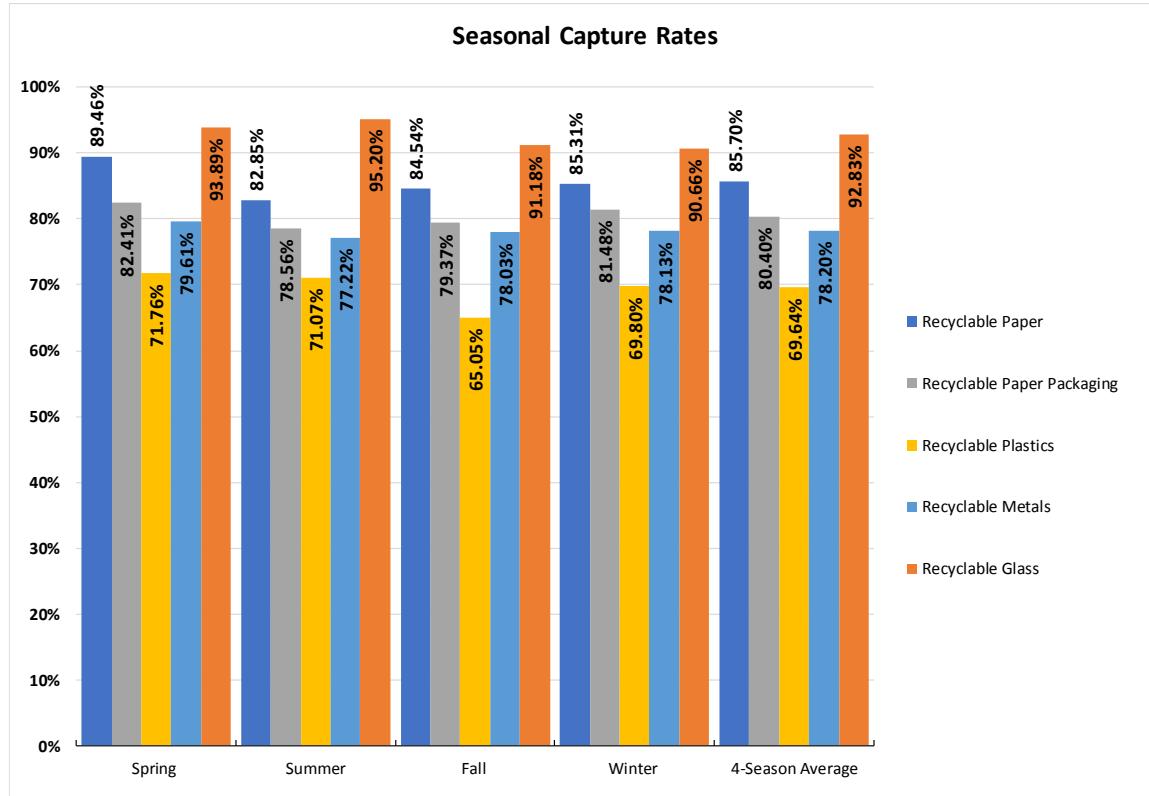
*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

Figure 3.20 Rural Regional A Garbage Stream Breakdown (kg/hh/wk)



*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

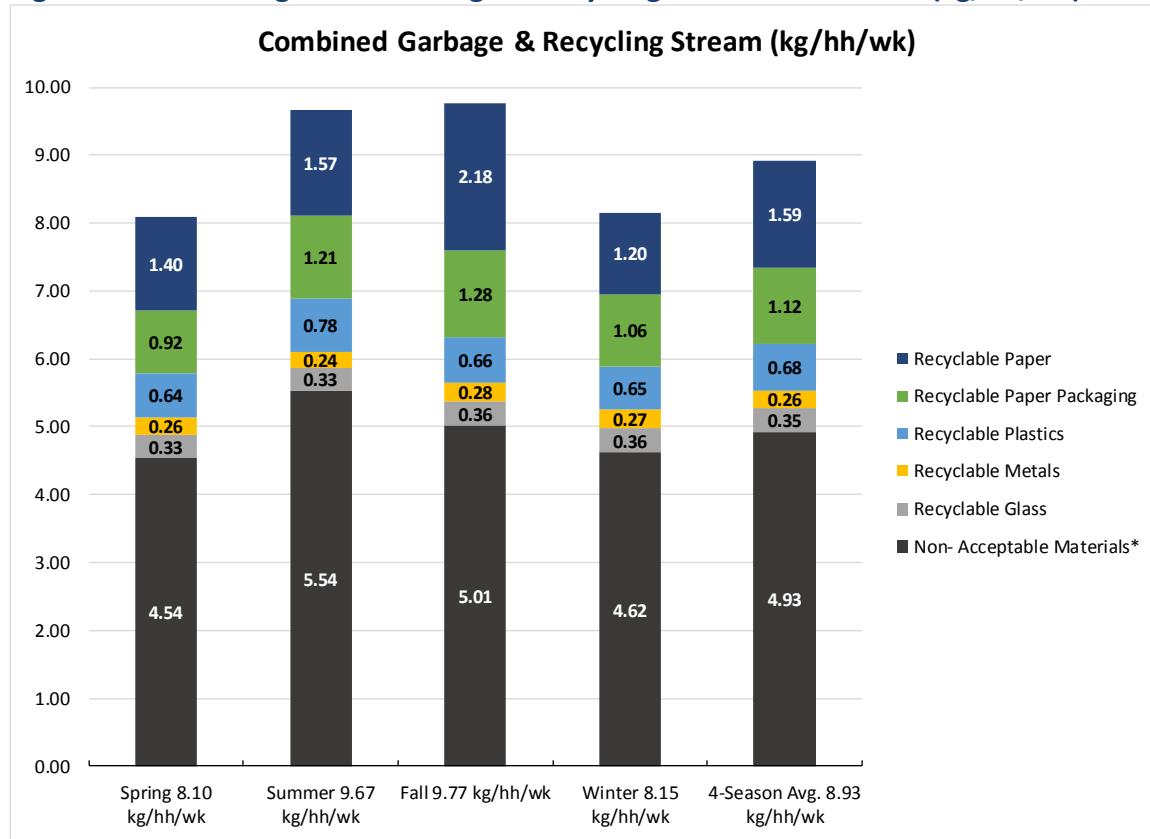
Figure 3.21 Rural Regional A Capture Rates



3.1.6 Rural Regional B

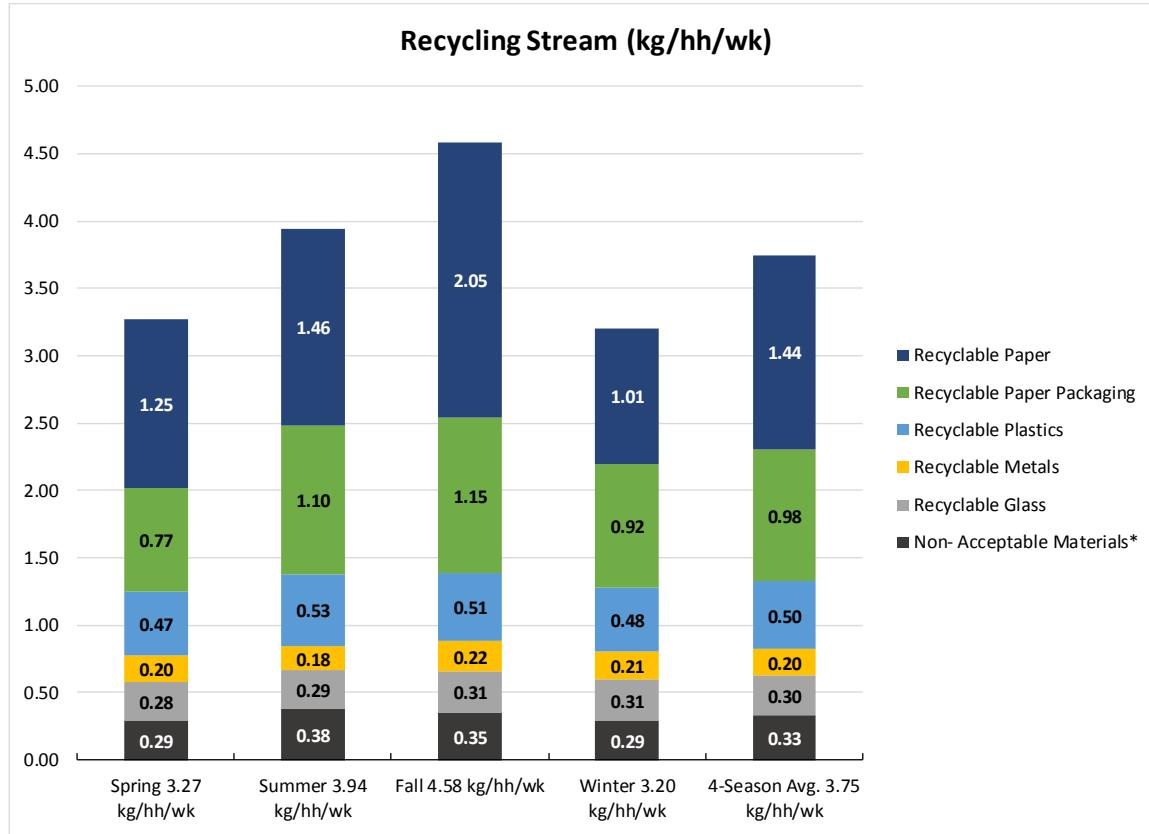
The Rural Regional B composition results are based on a municipality that has weekly garbage and recycling collection. Some areas have bi-weekly collection in the off-season (October to April). Residents must tag all garbage bags or containers for garbage collection and the limit ranges from 2-6 bags/containers. The recycling program is two-stream collection, where residents set out their containers and fibres separately.

Figure 3.22 Rural Regional B Garbage & Recycling Stream Breakdown (kg/hh/wk)



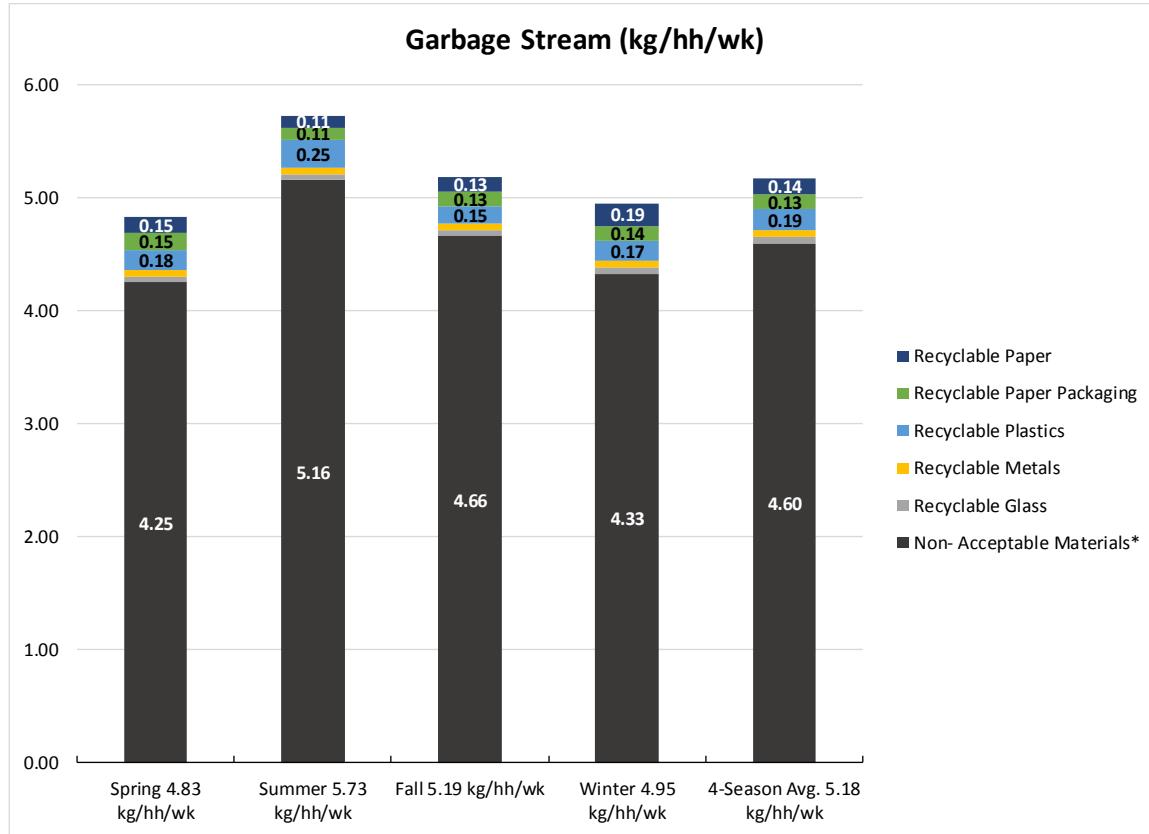
*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

Figure 3.23 Rural Regional B Recycling Stream Breakdown (kg/hh/wk)



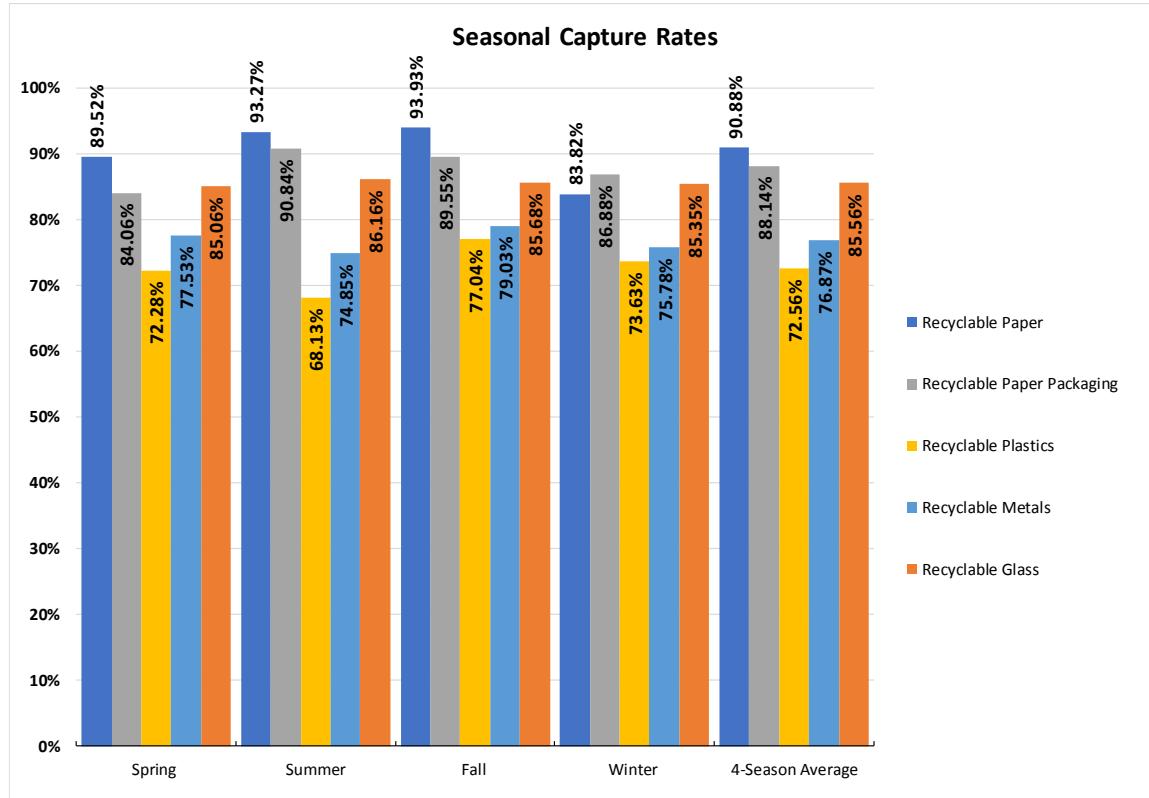
*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

Figure 3.24 Rural Regional B Garbage Stream Breakdown (kg/hh/wk)



*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

Figure 3.25 Rural Regional B Capture Rates

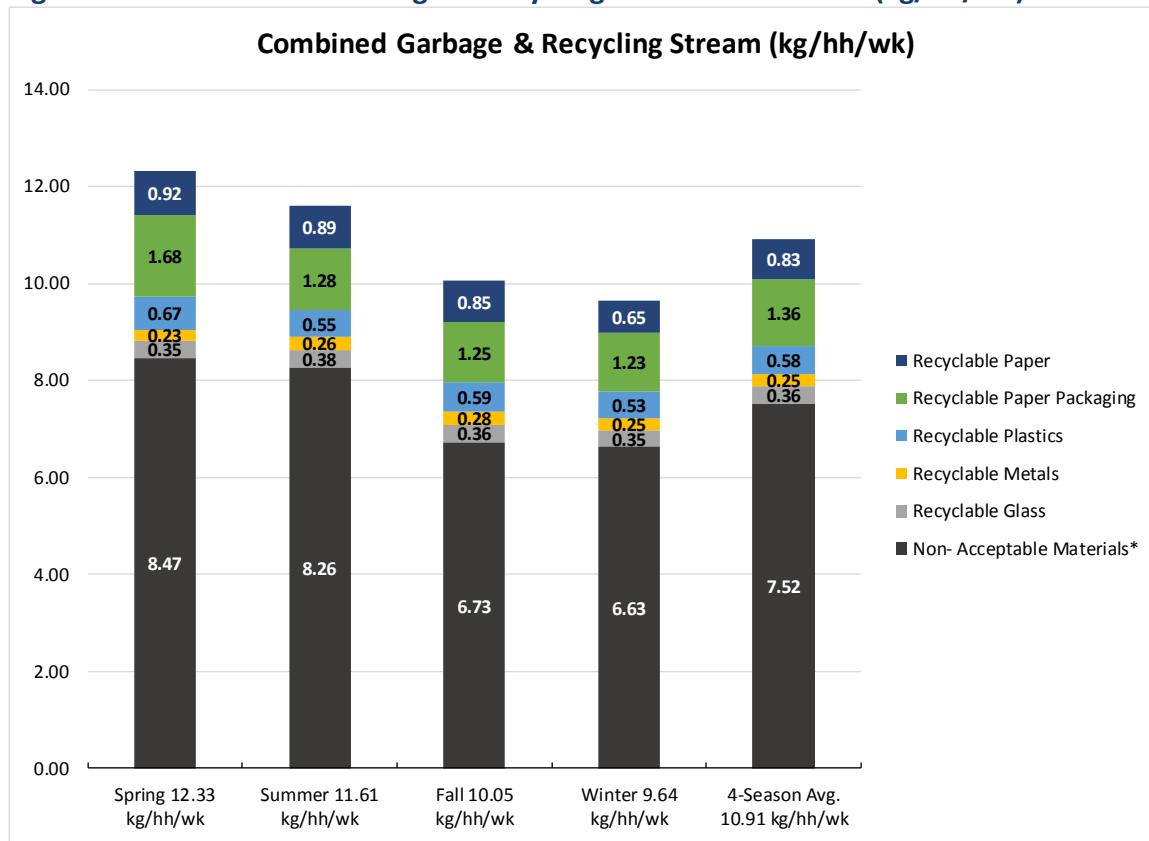


*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

3.1.7 Small Urban

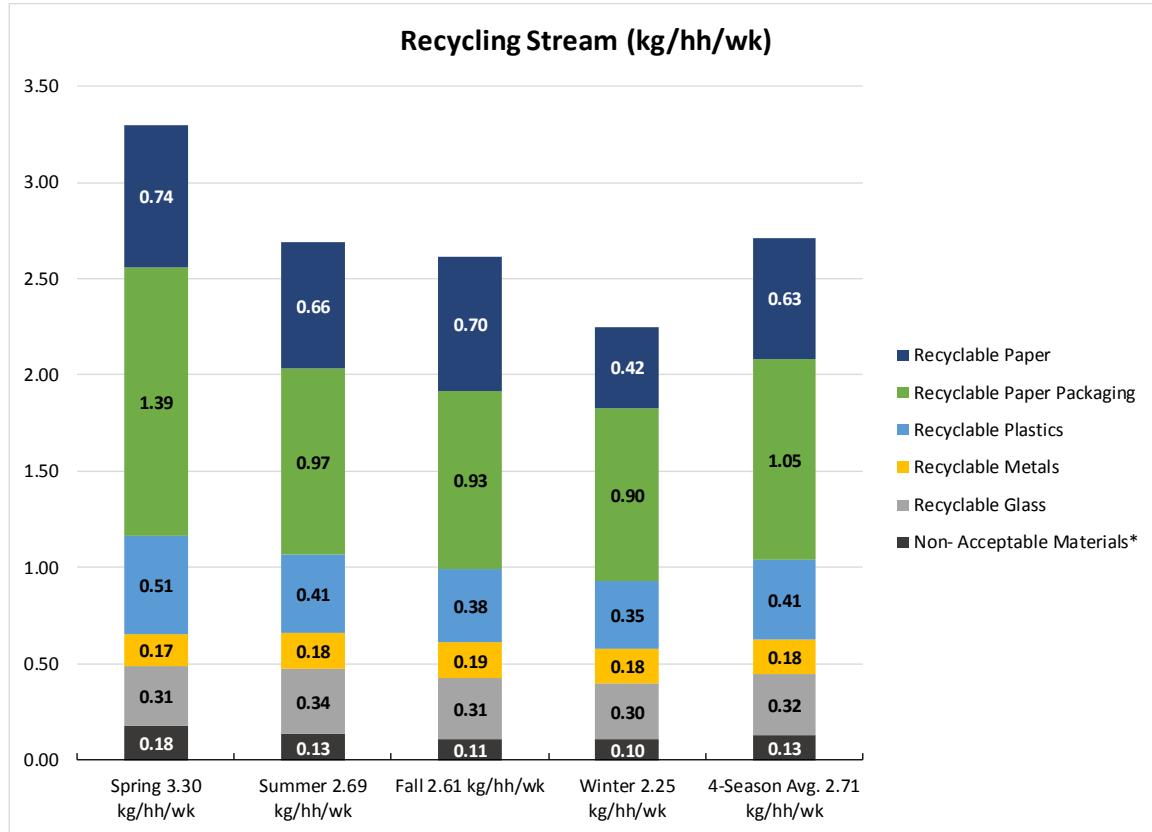
The Small Urban composition results are based on a municipality that had weekly garbage and recycling collection. Residents are restricted to a three (3) bag/container limit for garbage each week. The weekly recycling program is two-stream, where residents set out their containers and fibres separately.

Figure 3.26 Small Urban Garbage & Recycling Stream Breakdown (kg/hh/wk)



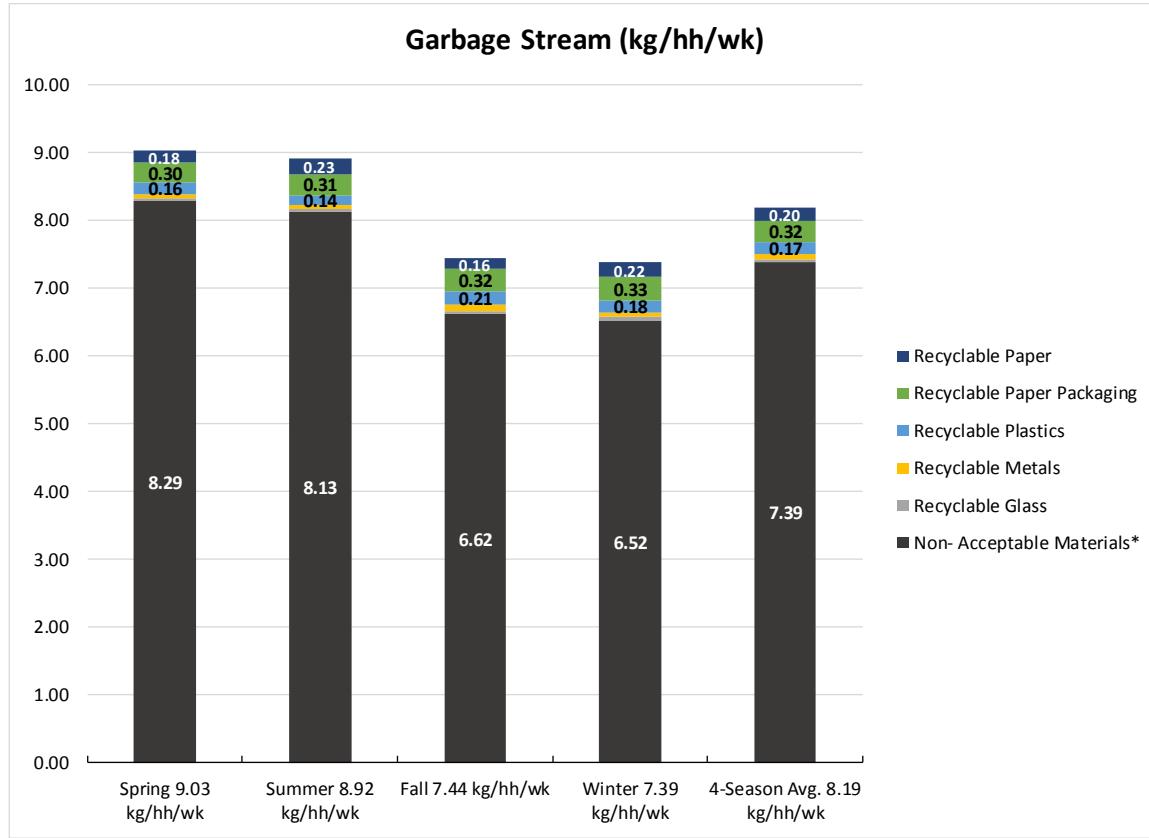
*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

Figure 3.27 Small Urban Recycling Stream Breakdown (kg/hh/wk)



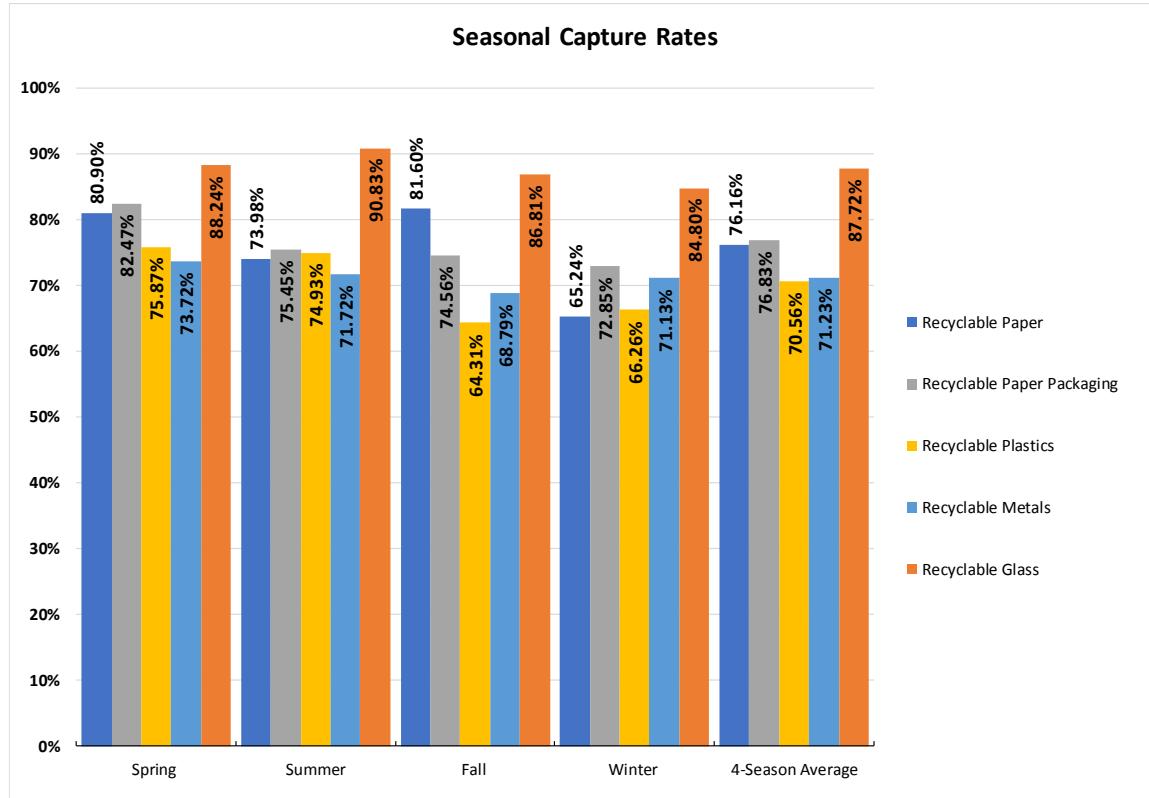
*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

Figure 3.28 Small Urban Garbage Stream Breakdown (kg/hh/wk)



*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

Figure 3.29 Small Urban Capture Rates

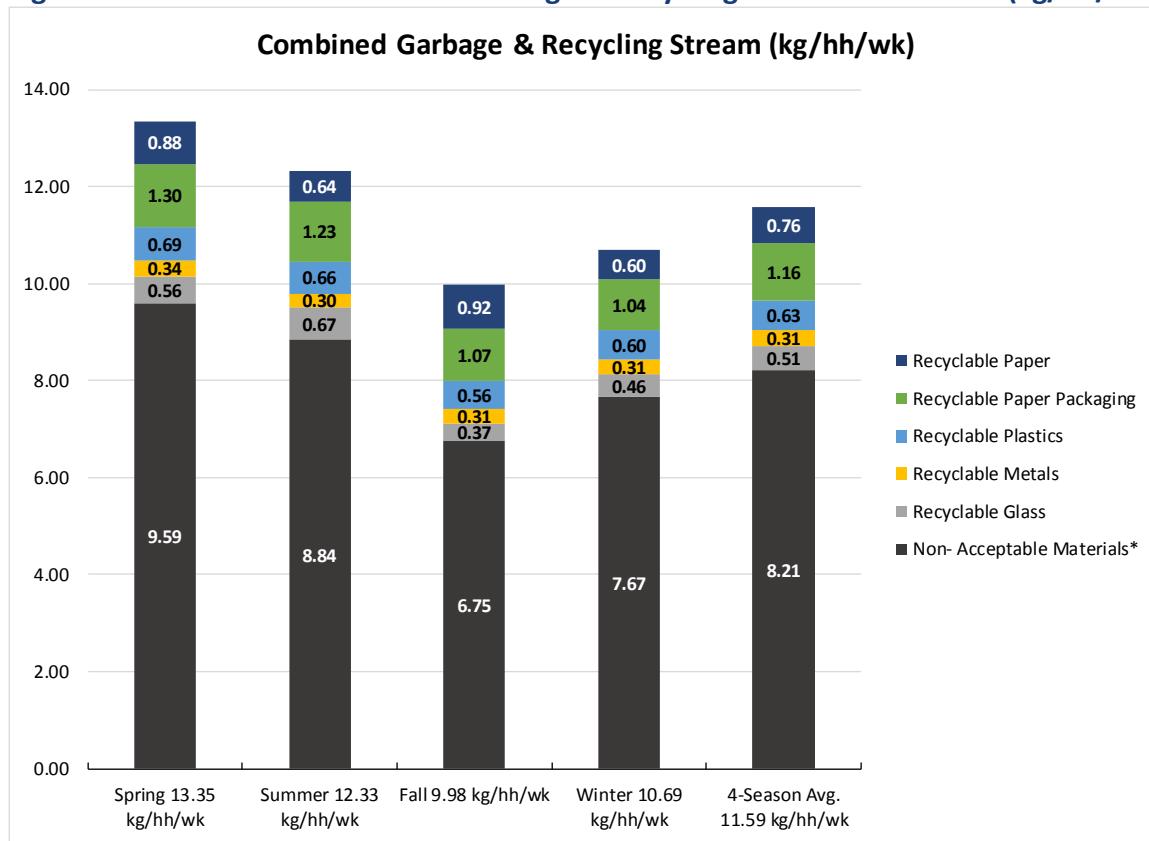


*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

3.1.8 Rural Collection North

The Rural Collection North composition results are based on a municipality that had weekly garbage and recycling collection. Both garbage and recycling are collected on the automated cart system. Recycling is single-stream where fibres and containers are mixed together in the same cart.

Figure 3.30 Rural Collection North Garbage & Recycling Stream Breakdown (kg/hh/wk)



*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

Figure 3.31 Rural Collection North Recycling Stream Breakdown (kg/hh/wk)

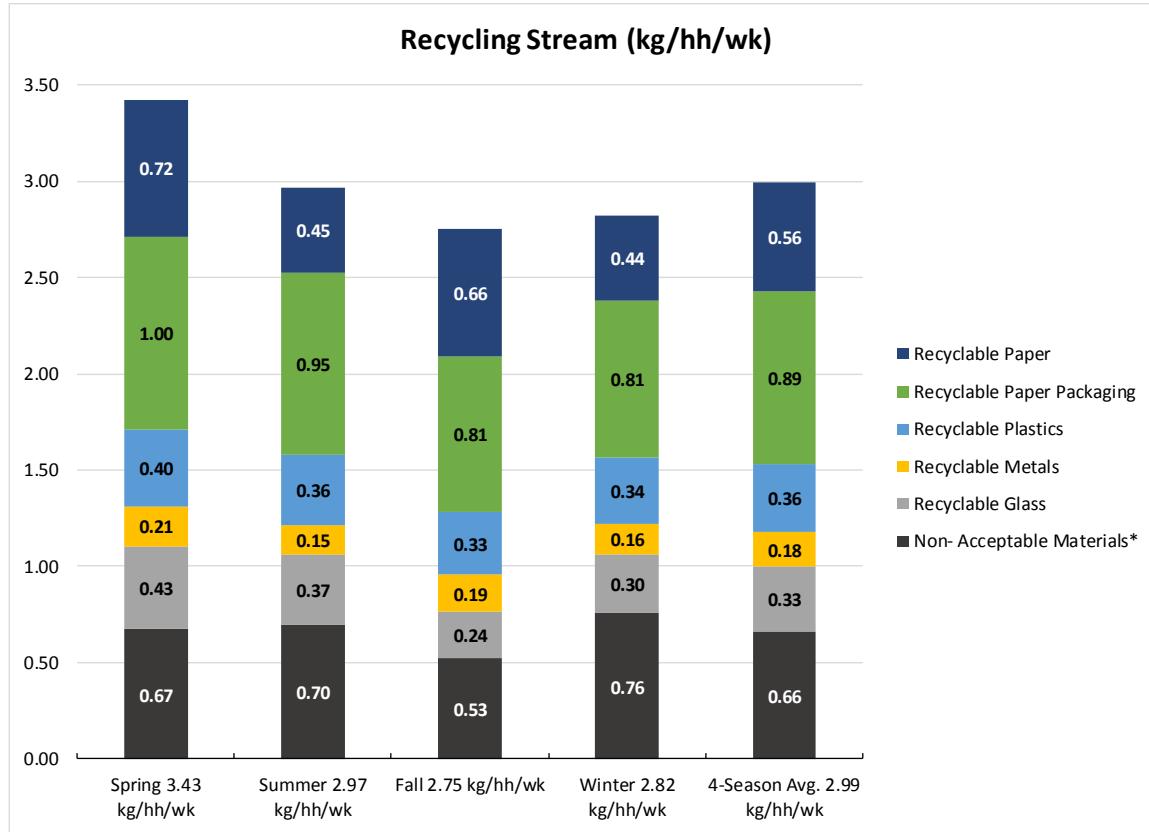
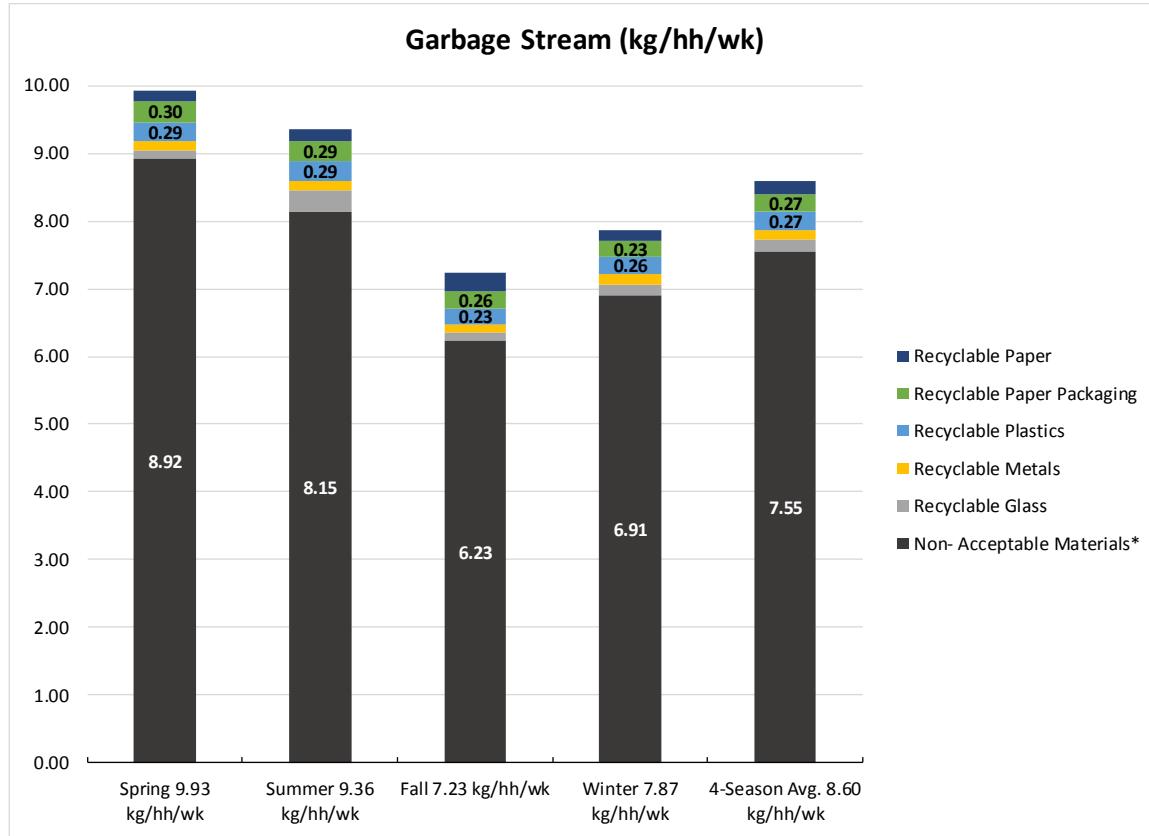
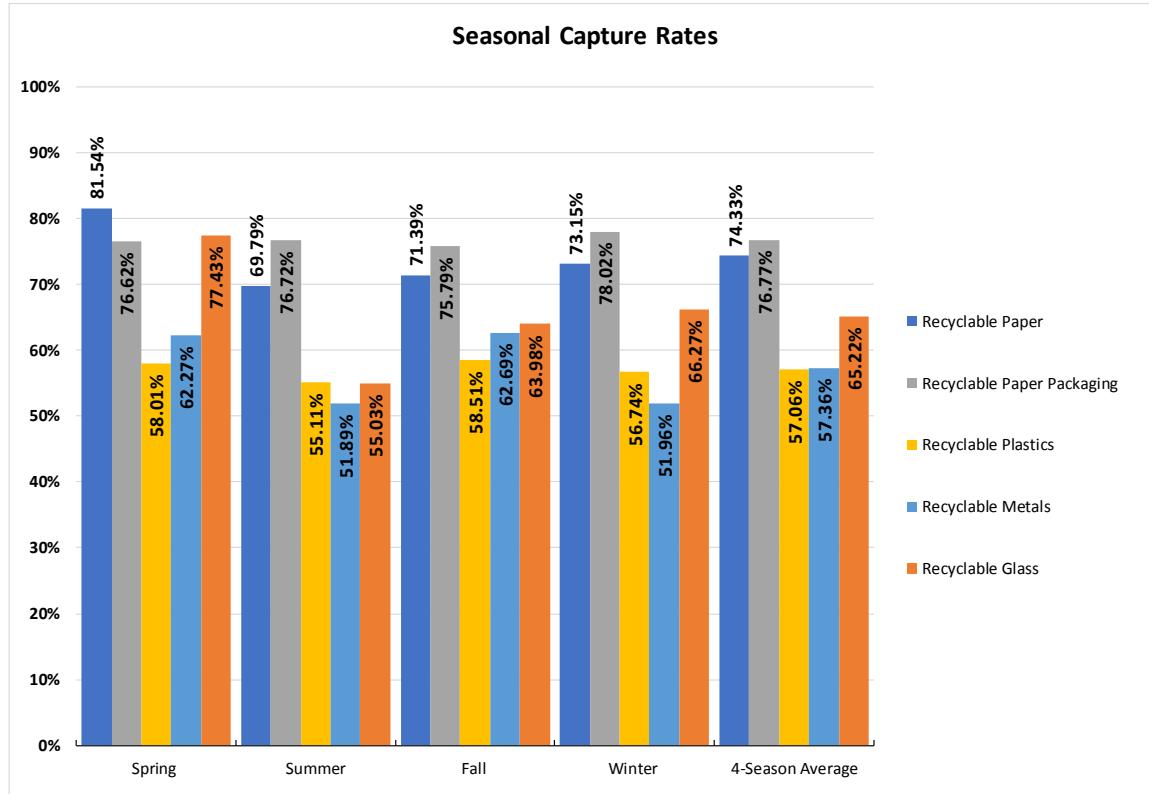


Figure 3.32 Rural Collection North Garbage Stream Breakdown (kg/hh/wk)



*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

Figure 3.33 Rural Collection North Capture Rates



3.2 Multi-Residential Waste Composition Results

The following sections summarize the results of the waste composition calculations. Table 3.2 provides an overview of the waste collection details for the two (2) municipal groups audited. The results are presented by primary material category, stream (garbage, recycling & organics (if applicable) as well as a cumulative total (all streams combined). Full detailed results can be found in Appendix A, including breakdown by material sub-category and acceptance criteria for the recycling and organics streams.

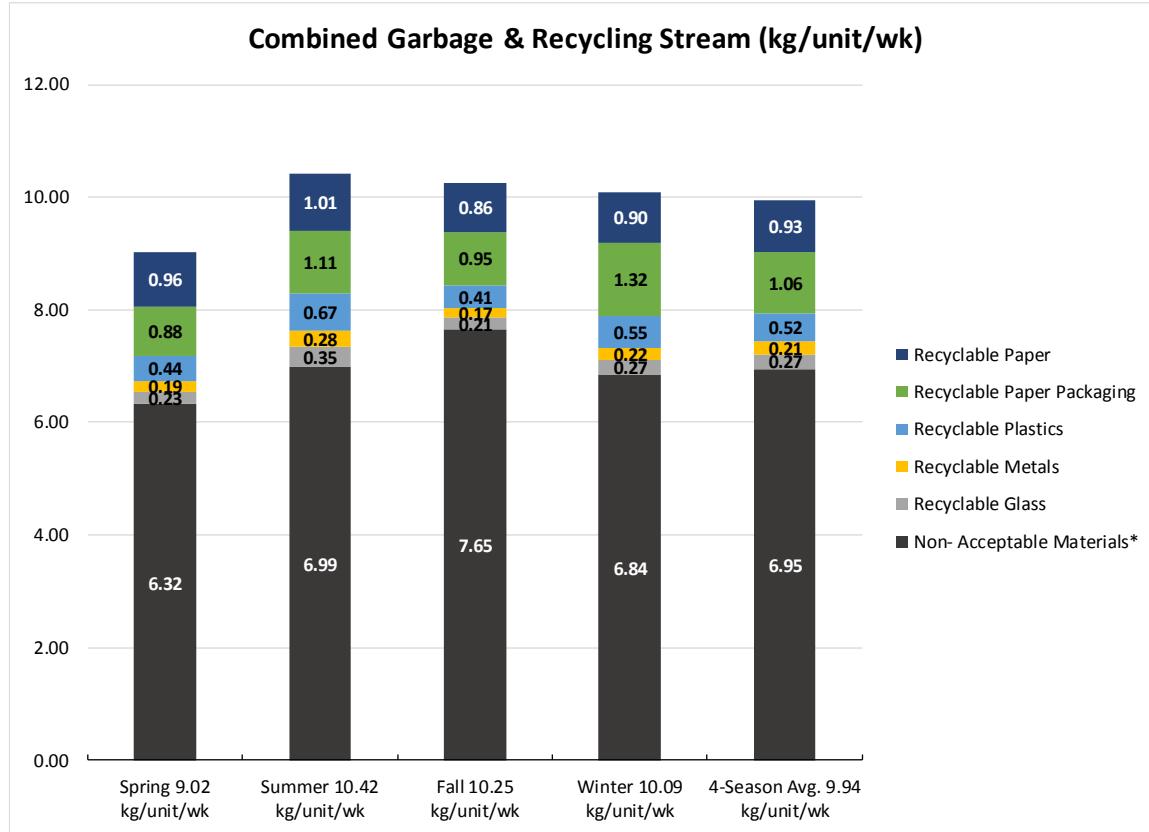
Table 3.2 Overview of Multi-Residential Collection Details

Municipal Group	Garbage		Recycling			Organics	Collection Frequency
	Collection Frequency	Collection Receptacles	Collection Frequency	Type of Collection	Type of Recycling Receptacles		
Large Urban A	Mostly twice a week	4yd ³ - 6yd ³ . Some have 1yd ³ - 2yd ³	Weekly	Two-Stream	Cart System. FEL Bins for Cardboard at the larger buildings	No	-
Large Urban B	Weekly	3yd ³ - 4yd ³	Weekly	Single-Stream	2yd ³ - 3yd ³	No	-

3.2.1 Large Urban A

The Large Urban A composition results are based on a municipality that has garbage that is collected twice a week for most buildings and recycling is collected weekly. Garbage is collected in bins sized 4-6 cubic yards. Recycling is collected in carts and some larger buildings have larger bins for cardboard. The recycling program is two-stream blue box collection, where residents set out their containers and fibres separately.

Figure 3.34 Large Urban A Multi-Residential Garbage & Recycling Stream Breakdown (kg/unit/wk)



*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

Figure 3.35 Large Urban A Multi-Residential Recycling Stream Breakdown (kg/unit/wk)

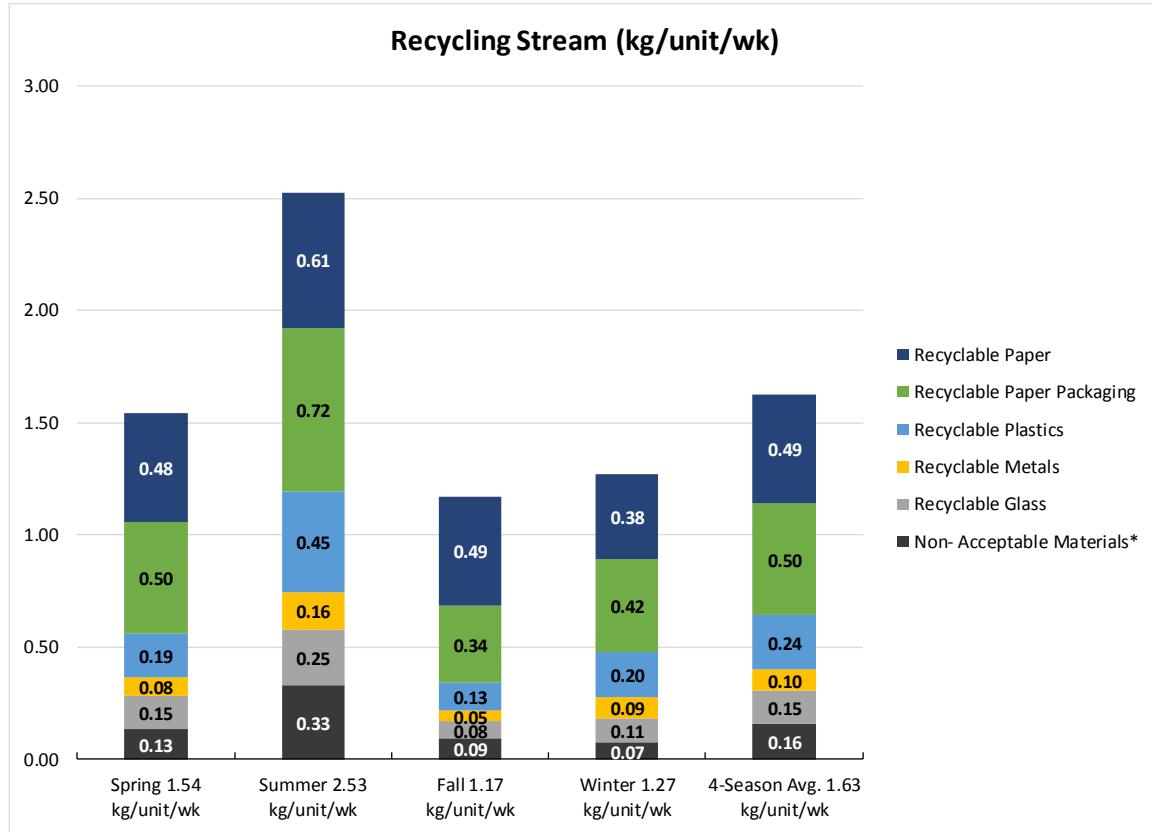
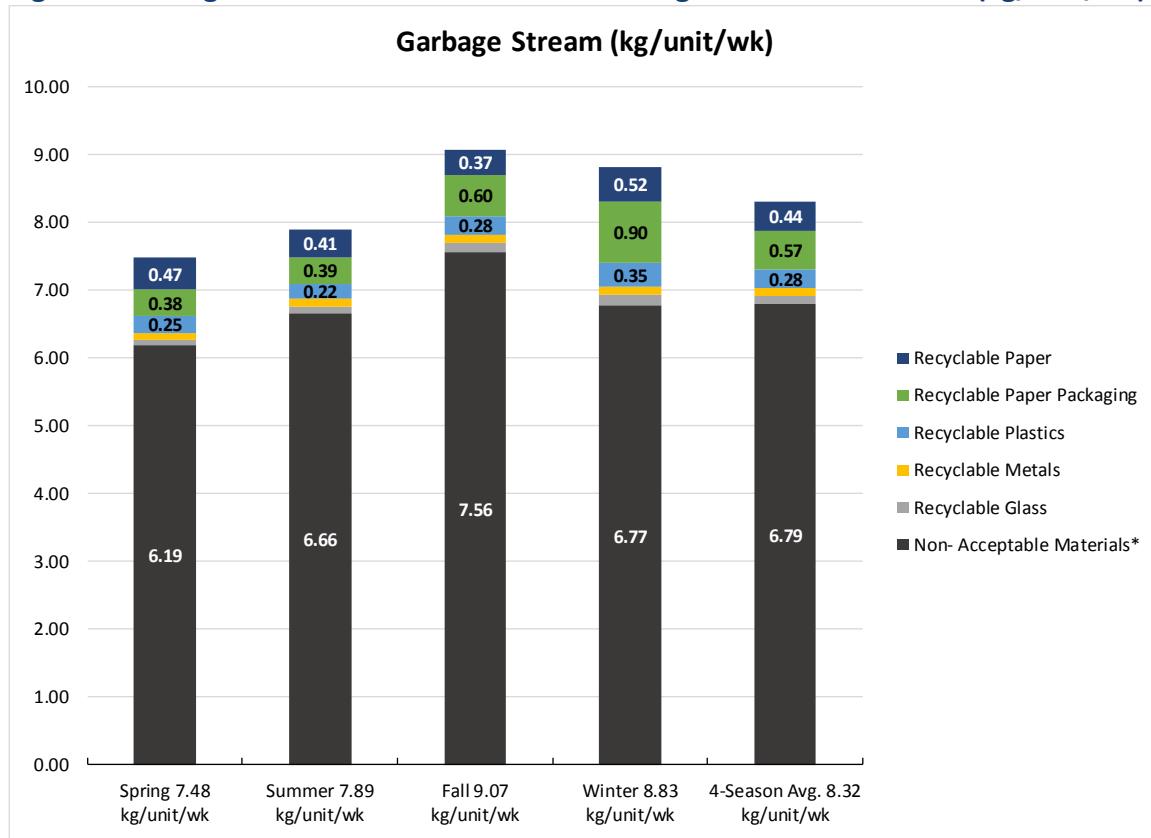
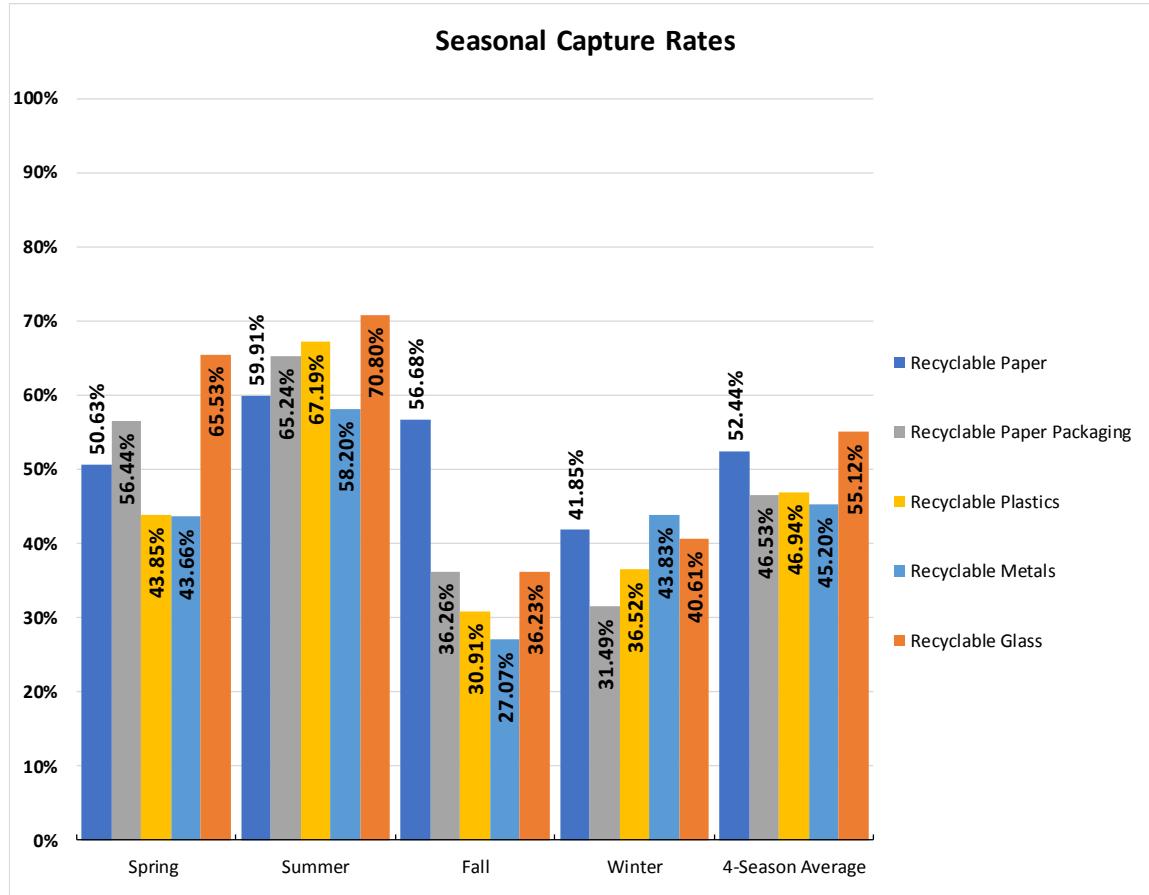


Figure 3.36 Large Urban A Multi-Residential Garbage Stream Breakdown (kg/unit/wk)



*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

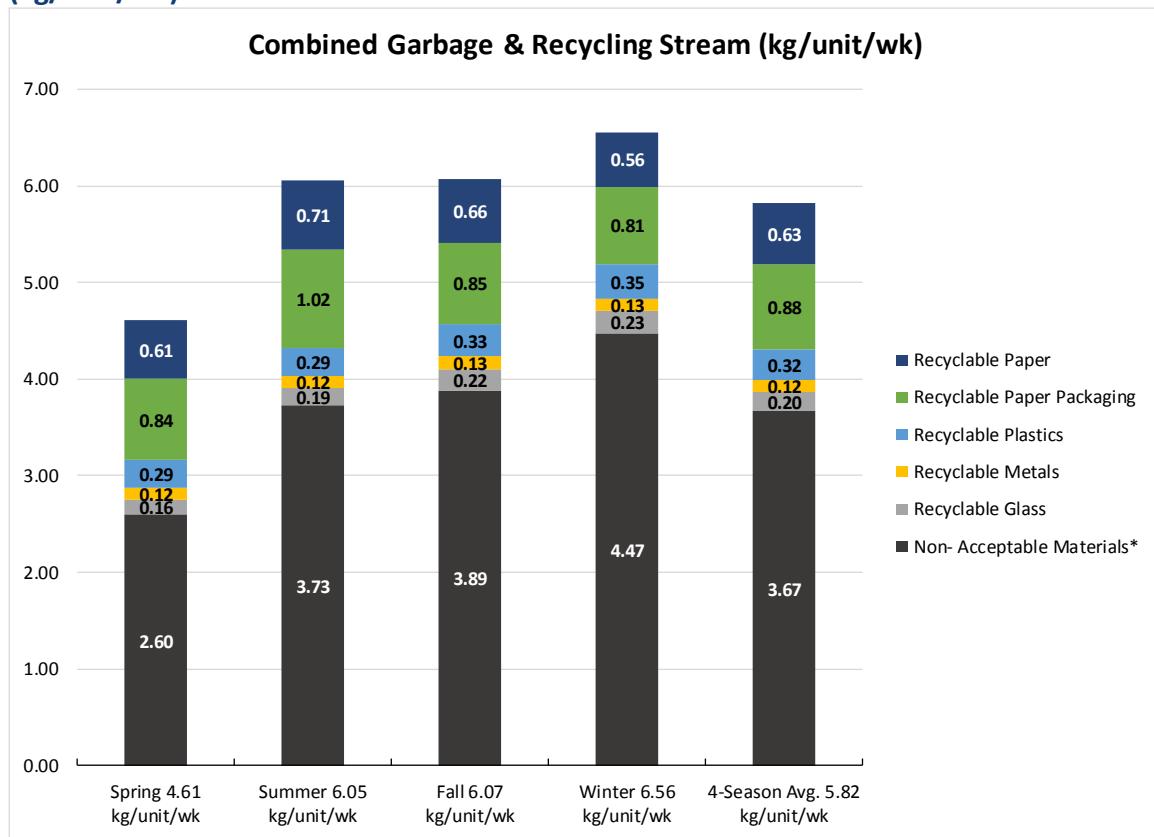
Figure 3.37 Large Urban A Multi-Residential Capture Rates



3.2.2 Large Urban B

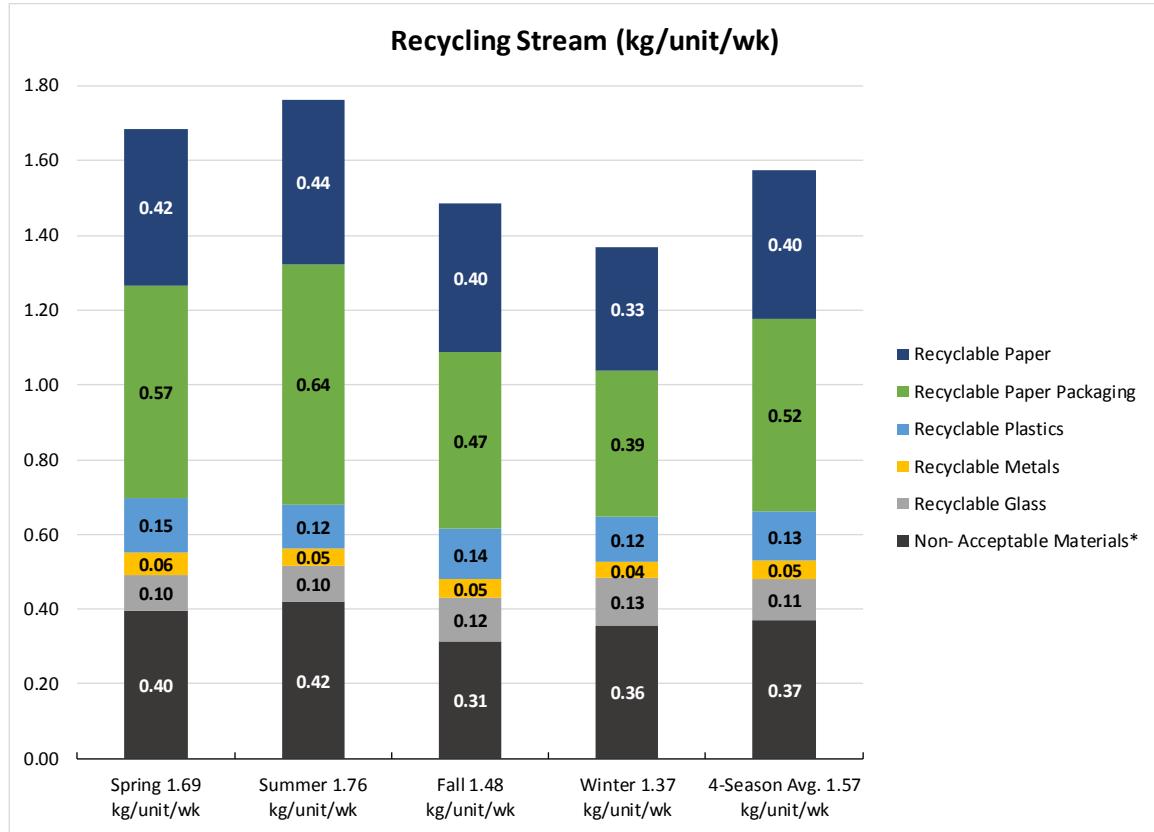
The Large Urban B composition results are based on a municipality that has garbage and recycling that is collected weekly. Garbage is collected in bins sized 3-4 cubic yards and most buildings have several bins. Recycling is collected in bins sized 2-3 cubic yards and most buildings have several bins. The recycling program is single-stream blue box collection, where residents place their containers and fibres into the same recycling receptacle.

Figure 3.38 Large Urban B Multi-Residential Garbage & Recycling Stream Breakdown (kg/unit/wk)



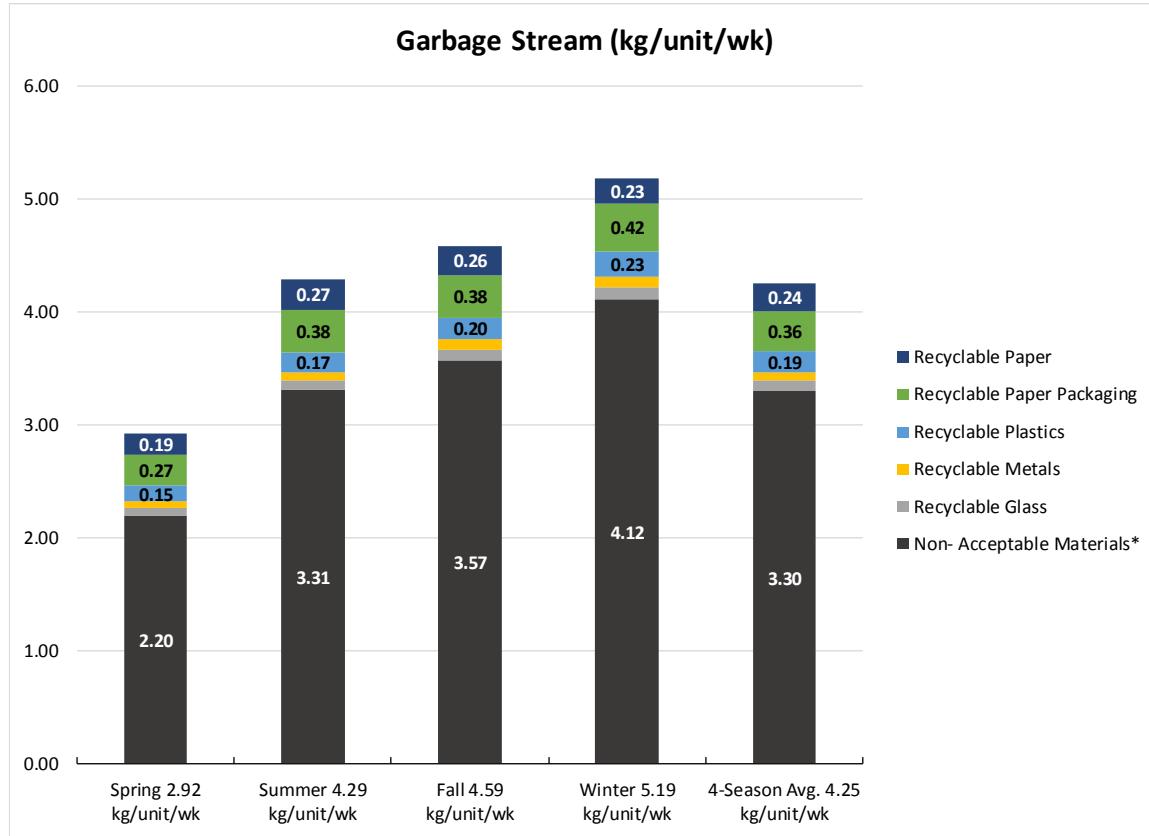
*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

Figure 3.39 Large Urban B Multi-Residential Recycling Stream Breakdown (kg/unit/wk)



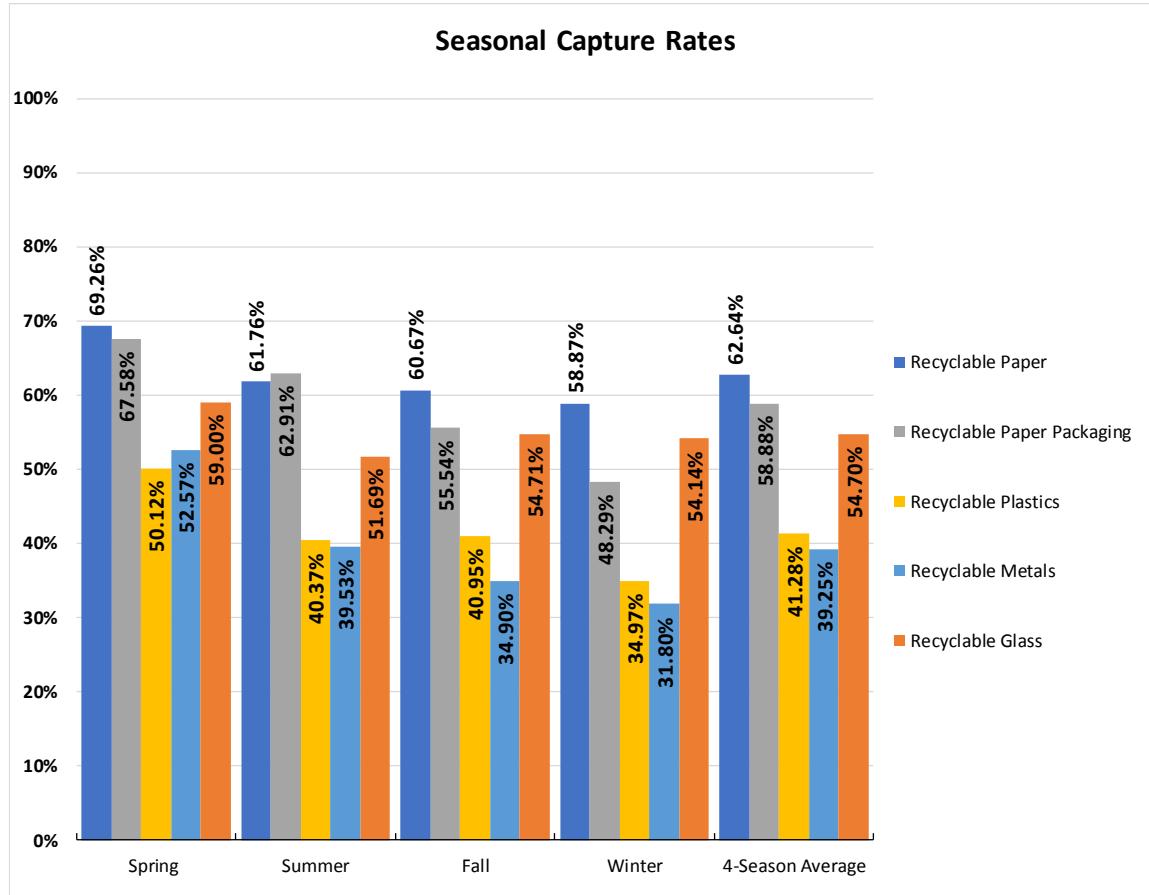
*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

Figure 3.40 Large Urban B Multi-Residential Garbage Stream Breakdown (kg/unit/wk)



*Non-Acceptable Materials are based on this municipality's recycling program acceptance criteria.

Figure 3.41 Large Urban B Multi-Residential Capture Rates



Report Prepared By:

Kerri Blair, B.Sc., Dip.EMA., EP(Waste)
Project Manager, Waste Services

Report Reviewed By:

Christine Riddell, BA, Cert. Sustainability, EPt
Environmental Technician

APPENDIX A

SUMMARY OF WASTE AUDIT RESULTS

Large Urban A: Single Family Residential Curbside Results

Season:	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Overall Results: 4 Seasons	Overall Results: 4 Seasons	Overall Results: 4 Seasons	Overall Results: 4 Seasons	
Sample Type:	Residential Curbside Waste Audit																
Sample Area:	Large Urban A																
Waste Stream:	Garbage	Garbage	Garbage	Garbage	Recycling	Recycling	Recycling	Recycling	Garbage & Recycling Combined	Garbage & Recycling Combined	Garbage & Recycling Combined	Garbage	Garbage	Recycling	Recycling		
	Mean Disposed Per Household	Total per Household per week															
1. PRINTED PAPER																	
Newspapers - Daily and weekly	X	0.00	0.003	0.02	0.00	0.18	0.209	0.59	0.16	0.182	0.212	0.608	0.160	0.006	0.07%	0.284	7.81%
Other Newspapers/Newsprint - Other	X	0.02	0.011	0.02	0.01	0.33	0.571	0.30	0.20	0.348	0.583	0.317	0.211	0.015	0.17%	0.349	9.59%
Magazines and Catalogues	X	0.04	0.025	0.03	0.02	0.55	0.171	0.22	0.11	0.586	0.196	0.240	0.136	0.028	0.30%	0.261	7.18%
Directories / Telephone books	X	0.00	0.000	0.01	0.00	0.02	0.00	0.02	0.00	0.012	0.002	0.030	0.000	0.001	0.01%	0.010	0.27%
Other Printed Paper (Obligated)	X	0.08	0.071	0.08	0.07	0.16	0.067	0.16	0.05	0.243	0.138	0.237	0.116	0.076	0.81%	0.108	2.96%
Other Printed Paper (Non-Obligated)	X	0.03	0.055	0.12	0.08	0.06	0.110	0.13	0.05	0.094	0.165	0.248	0.133	0.071	0.76%	0.089	2.44%
Recyclable Paper	0.176	0.166	0.262	0.186	1.289	1.130	1.418	0.569	1.465	1.296	1.680	0.755	0.198	2.13%	1.101	30.25%	
Non-Recyclable Paper	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00%	0.000	0.00%	
Total Paper	0.176	0.166	0.262	0.186	1.289	1.130	1.418	0.569	1.465	1.296	1.680	0.755	0.198	2.13%	1.101	30.25%	
2. PAPER PACKAGING																	
Gable Top Containers	X	0.01	0.013	0.02	0.01	0.05	0.044	0.04	0.05	0.062	0.057	0.058	0.056	0.012	0.13%	0.047	1.28%
Aseptic Containers (excluding)	X	0.01	0.010	0.01	0.01	0.02	0.012	0.02	0.02	0.025	0.022	0.030	0.030	0.011	0.11%	0.016	0.45%
Aseptic Containers - alcoholic	X	0.00	0.000	0.00	0.00	0.000	0.000	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00%	0.000	0.00%
Polycoat Beverage Cups	X	0.04	0.023	0.03	0.03	0.03	0.015	0.02	0.02	0.067	0.039	0.047	0.050	0.031	0.33%	0.020	0.54%
Spiral Wound Containers	X	0.00	0.003	0.01	0.00	0.01	0.006	0.01	0.00	0.010	0.009	0.012	0.008	0.004	0.04%	0.006	0.17%
Ice Cream Containers and Other	X	0.00	0.008	0.01	0.00	0.01	0.002	0.00	0.00	0.010	0.010	0.009	0.005	0.006	0.06%	0.003	0.08%
Paper Laminate Packaging	X	0.07	0.065	0.06	0.06	0.02	0.013	0.02	0.03	0.093	0.078	0.075	0.090	0.064	0.69%	0.020	0.55%
Corrugated Cardboard	X	0.05	0.036	0.05	0.08	0.88	0.875	0.64	0.71	0.936	0.911	0.691	0.787	0.054	0.58%	0.778	21.36%
Boxboard/Cores/Molded Pulp	X	0.15	0.179	0.18	0.19	0.52	0.432	0.40	0.37	0.667	0.612	0.588	0.551	0.175	1.88%	0.430	11.80%
Other Paper Packaging (Non-)	X	0.00	0.014	0.03	0.05	0.00	0.007	0.02	0.00	0.007	0.020	0.052	0.056	0.025	0.27%	0.009	0.24%
Recyclable Paper Packaging	0.268	0.287	0.337	0.374	1.516	1.394	1.152	1.170	1.783	1.681	1.489	1.544	0.317	3.41%	1.308	35.92%	
Non-Recyclable Paper Packaging	0.069	0.065	0.060	0.062	0.023	0.013	0.015	0.028	0.093	0.078	0.075	0.090	0.064	0.69%	0.020	0.55%	
Total Paper Packaging	0.337	0.352	0.397	0.437	1.539	1.407	1.167	1.198	1.876	1.759	1.564	1.635	0.381	4.10%	1.328	36.47%	
3. PLASTICS																	
#1 PET Bottles and Jars (excluding)	X	0.03	0.028	0.04	0.04	0.17	0.166	0.12	0.15	0.198	0.194	0.186	0.189	0.033	0.35%	0.151	4.16%
#1 PET Bottles and Jars - Coloured	X	0.00	0.002	0.00	0.00	0.03	0.013	0.02	0.02	0.030	0.016	0.022	0.016	0.003	0.03%	0.018	0.50%
#1 PET Bottles and Jars ≥ 5 L	X	0.00	0.000	0.00	0.00	0.000	0.000	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00%	0.000	0.00%
#1 PET Bottles (alcoholic beverages)	X	0.00	0.000	0.00	0.00	0.001	0.000	0.00	0.003	0.001	0.002	0.003	0.001	0.01%	0.002	0.05%	
#1 PET Thermoform - Clear	X	0.03	0.022	0.02	0.02	0.08	0.063	0.05	0.05	0.106	0.086	0.065	0.074	0.022	0.24%	0.061	1.67%
#1 PET Thermoform - Coloured	X	0.00	0.006	0.01	0.01	0.011	0.01	0.01	0.012	0.017	0.018	0.015	0.006	0.009	0.025%		
#2 HDPE Bottles and Jars (Natural)	X	0.02	0.004	0.01	0.02	0.06	0.023	0.03	0.008	0.027	0.047	0.082	0.015	0.016	0.045	0.123%	
#2 HDPE Bottles and Jugs (Coloured)	X	0.00	0.011	0.01	0.00	0.04	0.049	0.04	0.03	0.038	0.060	0.044	0.029	0.005	0.06%	0.038	0.13%
#2 HDPE Bottles and Juices ≥ 5 L	X	0.00	0.001	0.00	0.00	0.000	0.000	0.00	0.000	0.001	0.002	0.000	0.000	0.000	0.00%	0.000	0.01%
#2 HDPE Bottles (alcoholic beverage)	X	0.00	0.000	0.00	0.00	0.000	0.000	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00%	0.000	0.00%
#2 Other HDPE Containers	X	0.00	0.000	0.00	0.00	0.000	0.000	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00%	0.000	0.00%
Flexible Film Plastic - LDPE & HDPE	X	0.16	0.172	0.10	0.17	0.02	0.018	0.01	0.00	0.176	0.189	0.108	0.173	0.150	1.62%	0.011	0.31%
LDPE/HDPE Film - Products (non-)	X	0.20	0.100	0.17	0.14	0.03	0.002	0.01	0.025	0.102	0.176	0.145	0.152	1.63%	0.011		

Large Urban B: Single Family Residential Curbside Results

Season:	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Overall Results: 4 Seasons	Overall Results: 4 Seasons	Overall Results: 4 Seasons	Overall Results: 4 Seasons	
	Residential Curbside Waste Audit	Residential Curbside Waste Audit	Residential Curbside Waste Audit														
	Sample Type:	Large Urban B	Large Urban B	Large Urban B													
	Waste Stream:	Garbage	Garbage	Garbage	Garbage	Recycling	Recycling	Recycling	Garbage & Recycling Combined	Garbage & Recycling Combined	Garbage & Recycling Combined	Garbage	Garbage	Recycling	Recycling		
	Mean	Mean	Mean														
	Disposed Per Household per week	% Disposed per Household per week	Total per Household per week	% Total per Household per week													
1. PRINTED PAPER																	
Newspapers - Daily and weekly	x	0.01	0.002	0.01	0.00	0.28	0.253	0.329	0.27	0.286	0.255	0.335	0.274	0.005	0.19%	0.283	6.82%
Other Newspapers/Newsprint - Other	x	0.02	0.000	0.01	0.01	0.49	0.580	0.712	0.37	0.506	0.580	0.717	0.375	0.007	0.31%	0.537	12.94%
Magazines and Catalogues	x	0.01	0.005	0.01	0.00	0.23	0.254	0.301	0.17	0.236	0.259	0.310	0.168	0.006	0.27%	0.237	5.70%
Directories / Telephone books	x	0.00	0.000	0.00	0.00	0.00	0.009	0.003	0.00	0.000	0.003	0.000	0.000	0.000	0.003	0.07%	
Other Printed Paper (Obligated)	x	0.03	0.052	0.06	0.03	0.35	0.202	0.286	0.23	0.387	0.254	0.350	0.260	0.045	1.89%	0.268	6.45%
Other Printed Paper (Non-Obligated)	x	0.05	0.024	0.01	0.06	0.12	0.221	0.478	0.18	0.176	0.246	0.493	0.239	0.038	1.59%	0.251	6.04%
Recyclable Paper	0.119	0.083	0.100	0.102	1.472	1.519	2.109	1.214	1.591	1.602	2.209	1.316	1.01	4.25%	1.579	38.03%	
Non-Recyclable Paper	0.000	0.00%	0.000	0.00%													
Total Paper	0.119	0.083	0.100	0.102	1.472	1.519	2.109	1.214	1.591	1.602	2.209	1.316	1.01	4.25%	1.579	38.03%	
2. PAPER PACKAGING																	
Gable Top Containers	x	0.00	0.000	0.00	0.00	0.04	0.033	0.05	0.03	0.041	0.034	0.046	0.032	0.001	0.05%	0.037	0.89%
Aseptic Containers (excluding	x	0.00	0.002	0.01	0.00	0.02	0.016	0.02	0.02	0.027	0.018	0.024	0.019	0.003	0.13%	0.019	0.46%
Aseptic Containers - alcoholic	x	0.00	0.001	0.00	0.00	0.00	0.001	0.00	0.00	0.002	0.000	0.001	0.001	0.000	0.03%	0.000	0.01%
Polycoated Beverage Cups	x	0.01	0.007	0.02	0.01	0.02	0.022	0.03	0.02	0.028	0.029	0.043	0.033	0.011	0.46%	0.023	0.54%
Spiral Wound Containers	x	0.00	0.000	0.00	0.00	0.01	0.008	0.01	0.01	0.010	0.009	0.010	0.011	0.001	0.03%	0.009	0.22%
Ice Cream Containers and Other	x	0.00	0.001	0.00	0.00	0.01	0.004	0.01	0.01	0.009	0.005	0.010	0.012	0.002	0.09%	0.007	0.16%
Paper Laminate Packaging	x	0.02	0.016	0.02	0.02	0.01	0.006	0.02	0.01	0.029	0.022	0.034	0.032	0.018	0.77%	0.011	0.26%
Corrugated Cardboard	x	0.03	0.028	0.03	0.03	0.54	0.613	0.54	0.59	0.567	0.641	0.575	0.616	0.028	1.19%	0.571	13.76%
Boxboard/Cores/Molded Pulp	x	0.05	0.060	0.06	0.05	0.37	0.362	0.41	0.39	0.423	0.422	0.469	0.438	0.055	2.29%	0.384	9.24%
Other Paper Packaging (Non-	x	0.00	0.000	0.00	0.00	0.00	0.000	0.04	0.00	0.003	0.000	0.044	0.000	0.000	0.00%	0.012	0.28%
Recyclable Paper Packaging	0.097	0.101	0.114	0.094	1.013	1.059	1.107	1.068	1.109	1.160	1.221	1.162	1.02	4.27%	1.062	25.57%	
Non-Recyclable Paper Packaging	0.018	0.016	0.018	0.022	0.011	0.006	0.016	0.010	0.029	0.022	0.034	0.032	0.018	0.77%	0.011	0.26%	
Total Paper Packaging	0.115	0.117	0.132	0.116	1.023	1.065	1.123	1.078	1.138	1.182	1.255	1.194	1.020	5.03%	1.072	25.83%	
3. PLASTICS																	
#1 PET Bottles and Jars (excluding	x	0.01	0.008	0.01	0.02	0.14	0.145	0.14	0.14	0.152	0.153	0.155	0.157	0.013	0.53%	0.142	3.42%
#1 PET Bottles and Jars - Coloured	x	0.00	0.001	0.00	0.00	0.01	0.003	0.00	0.00	0.011	0.004	0.006	0.002	0.004	0.09%	0.004	0.11%
#1 PET Bottles and Jars ≥ 5 L	x	0.00	0.000	0.00	0.00	0.00	0.000	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.00%	0.000	0.00%
#1 PET Bottles (alcoholic beverages)	x	0.00	0.000	0.00	0.00	0.00	0.000	0.00	0.00	0.001	0.000	0.001	0.000	0.000	0.00%	0.001	0.02%
#1 PET Thermolform - Clear	x	0.01	0.007	0.01	0.01	0.07	0.062	0.07	0.07	0.075	0.069	0.082	0.079	0.007	0.29%	0.069	1.66%
#1 PET Thermolform - Coloured	x	0.00	0.002	0.00	0.00	0.01	0.008	0.01	0.01	0.009	0.009	0.013	0.013	0.002	0.07%	0.009	0.22%
#2 HDPE Bottles and Jugs (Natural)	x	0.00	0.002	0.00	0.00	0.02	0.014	0.01	0.03	0.023	0.016	0.014	0.028	0.002	0.06%	0.019	0.46%
#2 HDPE Bottles and Jugs (Coloured)	x	0.01	0.008	0.01	0.01	0.07	0.063	0.07	0.05	0.075	0.072	0.079	0.060	0.007	0.29%	0.064	1.55%
#2 HDPE Bottles (alcoholic beverage)	x	0.00	0.000	0.00	0.00	0.00	0.005	0.01	0.01	0.008	0.005	0.014	0.008	0.000	0.00%	0.009	0.21%
#2 Other HDPE Containers	x	0.00	0.002	0.00	0.00	0.00	0.006	0.01	0.01	0.007	0.008						

Urban Regional: Single Family Residential Curbside Results

Season:	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Overall Results: 4 Seasons	Overall Results: 4 Seasons	Overall Results: 4 Seasons	Overall Results: 4 Seasons			
	Residential Curbside Waste Audit	Residential Curbside Waste Audit	Residential Curbside Waste Audit	Residential Curbside Waste Audit	Residential Curbside Waste Audit																		
	Sample Type:	Urban Regional	Urban Regional	Urban Regional	Urban Regional	Urban Regional	Urban Regional																
	Waste Stream:	Garbage	Garbage	Garbage	Garbage	Recycling	Recycling	Recycling	Organics	Organics	Organics	Organics	Garbage & Recycling Combined	Garbage & Recycling Combined	Garbage & Recycling Combined	Garbage	Garbage	Recycling	Organics	Organics			
	Mean Disposed Per Household per week (kg/hh/wk)	Disposed per Household per week (kg/hh/wk)	% Disposed per Household per week	Total per Household per week (kg/hh/wk)	% Total per Household per week																		
1. PRINTED PAPER																							
Newspapers - Daily and weekly	X	0.002	0.011	0.013	0.005	0.166	0.268	0.219	0.144	0.008	0.004	0.007	0.175	0.284	0.239	0.165	0.008	0.14%	0.199	0.576%	0.009	0.54%	
Other Newspapers/Newsprint	-X	0.007	0.020	0.030	0.011	0.413	0.346	0.511	0.259	0.006	0.011	0.020	0.426	0.377	0.562	0.279	0.017	0.33%	0.382	11.03%	0.012	0.69%	
Magazines and Catalogues	X	0.011	0.011	0.008	0.005	0.291	0.120	0.129	0.130	0.000	0.000	0.000	0.302	0.131	0.137	0.135	0.009	0.17%	0.167	4.83%	0.000	0.01%	
Directories / Telephone books	X	0.000	0.002	0.002	0.000	0.011	0.006	0.000	0.002	0.000	0.000	0.001	0.014	0.008	0.000	0.001	0.02%	0.005	0.13%	0.000	0.02%		
Other Printed Paper (Obliterated)	X	0.061	0.081	0.061	0.054	0.144	0.076	0.137	0.110	0.000	0.002	0.000	0.206	0.158	0.198	0.164	0.064	1.23%	0.117	3.37%	0.001	0.04%	
Other Printed Paper (Non-Obliterated)	X	0.035	0.061	0.034	0.057	0.228	0.150	0.164	0.081	0.003	0.000	0.000	0.266	0.211	0.198	0.138	0.047	0.90%	0.156	4.50%	0.001	0.04%	
Recyclable Paper	0.116	0.185	0.148	0.132	1.244	0.971	1.166	0.724	0.616	0.019	0.028	0.026	1.376	1.174	1.342	0.882	0.145	2.79%	1.026	29.62%	0.022	1.34%	
Non-Recyclable Paper	0.000	0.000	0.00%	0.000	0.00%	0.000	0.00%																
Total Paper	0.116	0.185	0.148	0.132	1.244	0.971	1.166	0.724	0.616	0.019	0.028	0.026	1.376	1.174	1.342	0.882	0.145	2.79%	1.026	29.62%	0.022	1.34%	
2. PAPER PACKAGING																							
Gable Top Containers	X	0.005	0.002	0.003	0.005	0.049	0.052	0.046	0.042	0.000	0.000	0.000	0.054	0.055	0.049	0.046	0.004	0.07%	0.047	0.137%	0.000	0.00%	
Aseptic Containers (excluding)	X	0.007	0.007	0.009	0.005	0.024	0.014	0.016	0.020	0.000	0.000	0.000	0.031	0.021	0.025	0.025	0.007	0.13%	0.019	0.54%	0.000	0.00%	
Aseptic Containers - alcoholic	X	0.009	0.006	0.000	0.003	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.009	0.007	0.000	0.003	0.005	0.09%	0.000	0.01%	0.000	0.00%	
Polycoat Beverage Cups	X	0.023	0.025	0.024	0.018	0.016	0.016	0.025	0.016	0.004	0.004	0.002	0.017	0.042	0.045	0.051	0.052	0.022	0.43%	0.018	0.53%	0.007	0.41%
Spiral Wound Containers	X	0.008	0.003	0.007	0.003	0.016	0.009	0.011	0.014	0.000	0.000	0.001	0.024	0.012	0.018	0.005	0.013	0.10%	0.013	0.37%	0.000	0.01%	
Ice Cream Containers and Other	X	0.007	0.007	0.007	0.005	0.005	0.006	0.005	0.005	0.000	0.000	0.000	0.012	0.013	0.010	0.006	0.006	0.12%	0.005	0.15%	0.000	0.01%	
Paper Laminate Packaging	X	0.042	0.039	0.043	0.039	0.004	0.004	0.005	0.004	0.001	0.001	0.002	0.047	0.044	0.049	0.047	0.041	0.78%	0.004	0.12%	0.002	0.11%	
Corrugated Cardboard	X	0.038	0.040	0.036	0.026	0.471	0.398	0.640	0.470	0.005	0.008	0.004	0.514	0.446	0.680	0.499	0.035	0.67%	0.495	14.28%	0.005	0.28%	
Boxboard/Cores/Molded Pulp	X	0.102	0.136	0.117	0.090	0.453	0.331	0.440	0.390	0.005	0.024	0.003	0.560	0.490	0.560	0.481	0.111	2.13%	0.404	11.65%	0.008	0.49%	
Other Paper Packaging (Non-Obliterated)	X	0.000	0.000	0.000	0.000	0.008	0.009	0.000	0.000	0.004	0.002	0.001	0.000	0.013	0.013	0.002	0.001	0.000	0.12%	0.002	0.10%		
Recyclable Paper Packaging	0.198	0.225	0.204	0.154	1.041	0.836	1.184	0.958	0.614	0.040	0.010	0.023	1.254	1.101	1.398	1.135	0.195	3.75%	1.005	29.01%	0.022	1.31%	
Non-Recyclable Paper	0.042	0.039	0.043	0.039	0.004	0.004	0.004	0.001	0.001	0.002	0.004	0.047	0.044	0.049	0.047	0.041	0.78%	0.004	0.12%	0.002	0.11%		
Total Paper Packaging	0.240	0.264	0.246	0.193	1.045	0.840	1.189	0.962	0.615	0.015	0.040	0.012	1.301	1.145	1.447	1.182	0.236	4.53%	1.009	29.13%	0.024	1.41%	
3. PLASTICS																							
#1 PET Bottles and Jars	X	0.021	0.023	0.015																			

Medium Urban: Single-Family Residential Curbside Results

	Season:	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Overall Results: 4 Seasons	Overall Results: 4 Seasons	Overall Results: 4 Seasons	
		Residential Curbside Waste Audit															
Sample Type:	Medium Urban																
	Garbage	Garbage	Garbage	Garbage	Recycling	Recycling	Recycling	Recycling	Garbage & Recycling Combined	Garbage	Garbage	Recycling	Recycling				
Sample Area:	Mean Disposed Per Household per week (kg/bbb/wk)																
	Disposed Per Household per week (kg/bbb/wk)																
1. PRINTED PAPER																	
Newspapers - Daily and weekly	x	0.02	0.020	0.02	0.02	0.27	0.310	0.49	0.21	0.291	0.330	0.504	0.233	0.020	0.19%	0.319	9.12%
Other Newspapers/Newsprint - Other	x	0.05	0.025	0.06	0.03	0.37	0.383	0.69	0.32	0.415	0.408	0.745	0.355	0.041	0.38%	0.440	12.59%
Magazines and Catalogues	x	0.03	0.022	0.03	0.03	0.14	0.228	0.22	0.07	0.179	0.249	0.253	0.100	0.031	0.28%	0.165	4.71%
Directories / Telephone books	x	0.01	0.002	0.00	0.00	0.00	0.009	0.01	0.00	0.009	0.011	0.014	0.000	0.002	0.02%	0.006	0.18%
Other Printed Paper (Obligated)	x	0.15	0.119	0.20	0.18	0.10	0.086	0.13	0.10	0.245	0.205	0.331	0.273	0.161	1.49%	0.103	2.93%
Other Printed Paper (Non-Obligated)	x	0.18	0.087	0.10	0.11	0.18	0.060	0.04	0.06	0.355	0.147	0.139	0.172	0.118	1.10%	0.065	2.43%
Recyclable Paper	0.440	0.275	0.405	0.373	1.052	1.075	1.582	0.760	1.493	1.350	1.987	1.133	0.373	3.46%	1.117	31.97%	
Non-Recyclable Paper	0.000	0.00%	0.000	0.00%													
Total Paper	0.440	0.275	0.405	0.373	1.052	1.075	1.582	0.760	1.493	1.350	1.987	1.133	0.373	3.46%	1.117	31.97%	
2. PAPER PACKAGING																	
Gable Top Containers	x	0.01	0.022	0.01	0.01	0.05	0.047	0.05	0.04	0.061	0.069	0.059	0.059	0.015	0.14%	0.047	1.34%
Aseptic Containers (excluding alcoholic)	x	0.01	0.013	0.02	0.02	0.01	0.009	0.01	0.01	0.022	0.023	0.034	0.026	0.016	0.15%	0.010	0.29%
Aseptic Containers - alcoholic	x	0.00	0.000	0.00	0.00	0.00	0.001	0.00	0.00	0.001	0.000	0.000	0.000	0.000	0.00%	0.001	0.02%
Polycoated Beverage Cups	x	0.05	0.051	0.06	0.05	0.02	0.011	0.01	0.01	0.066	0.062	0.070	0.059	0.051	0.47%	0.014	0.39%
Spiral Wound Containers	x	0.01	0.009	0.00	0.01	0.01	0.010	0.01	0.01	0.020	0.019	0.014	0.012	0.007	0.06%	0.009	0.27%
Ice Cream Containers and Other	x	0.01	0.008	0.01	0.01	0.00	0.003	0.00	0.00	0.016	0.011	0.014	0.014	0.011	0.10%	0.003	0.08%
Paper Laminate Packaging	x	0.06	0.057	0.07	0.06	0.01	0.003	0.00	0.00	0.064	0.060	0.075	0.062	0.062	0.57%	0.003	0.09%
Corrugated Cardboard	x	0.11	0.111	0.12	0.09	0.13	0.519	0.49	0.72	1.235	0.630	0.607	0.813	0.107	1.00%	0.714	20.42%
Boxboard/Cores/Molded Pulp	x	0.22	0.208	0.23	0.18	0.42	0.368	0.42	0.43	0.641	0.577	0.640	0.694	0.207	1.92%	0.408	11.68%
Other Paper Packaging (Non-	x	0.00	0.000	0.00	0.01	0.01	0.001	0.00	0.00	0.007	0.001	0.002	0.013	0.004	0.04%	0.002	0.05%
Recyclable Paper Packaging	0.364	0.363	0.382	0.316	1.622	0.956	0.974	1.211	1.986	1.319	1.355	1.527	0.356	3.30%	1.191	34.07%	
Non-Recyclable Paper Packaging	0.120	0.116	0.143	0.117	0.027	0.017	0.016	0.017	0.146	0.132	0.159	0.134	0.124	1.15%	0.019	0.55%	
Total Paper Packaging	0.483	0.479	0.525	0.433	1.649	0.973	0.990	1.228	2.132	1.452	1.515	1.661	0.480	4.45%	1.210	34.62%	
3. PLASTICS																	
#1 PET Bottles and Jars (excluding)	x	0.06	0.055	0.06	0.04	0.19	0.219	0.18	0.18	0.245	0.274	0.241	0.226	0.054	0.50%	0.193	5.51%
#1 PET Bottles and Jars - Coloured	x	0.01	0.004	0.01	0.00	0.00	0.003	0.00	0.01	0.010	0.007	0.009	0.014	0.005	0.04%	0.005	0.15%
#1 PET Bottles and Jars ≥ 5 L	x	0.00	0.000	0.00	0.00	0.00	0.000	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.00%	0.000	0.00%
#1 PET Bottles (alcoholic beverages)	x	0.00	0.001	0.00	0.00	0.00	0.000	0.00	0.00	0.002	0.001	0.005	0.002	0.001	0.01%	0.001	0.04%
#1 PET Thermoform - Clear	x	0.03	0.043	0.03	0.03	0.06	0.058	0.04	0.05	0.091	0.101	0.073	0.087	0.035	0.32%	0.053	1.52%
#1 PET Thermoform - Coloured	x	0.01	0.007	0.01	0.01	0.04	0.004	0.01	0.01	0.013	0.012	0.017	0.016	0.008	0.07%	0.007	0.20%
#2 HDPE Bottles and Jugs (Natural)	x	0.00	0.003	0.00	0.01	0.01	0.007	0.01	0.02	0.017	0.009	0.017	0.030	0.004	0.03%	0.015	0.42%
#2 HDPE Bottles and Jugs (Coloured)	x	0.03	0.018	0.04	0.02	0.06	0.061	0.05	0.05	0.082	0.080	0.088	0.066	0.025	0.23%	0.054	1.54

Rural Regional A: Single Family Residential Curbside Results

Season:	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Overall Results: 4 Seasons				
	Residential Curbside Waste Audit	Rural Regional A	Rural Regional A	Rural Regional A	Rural Regional A												
	Sample Type:	Sample Area:	Waste Stream:	Garbage	Garbage	Garbage	Garbage	Recycling	Recycling	Recycling	Recycling	Recycling	Garbage & Recycling Combined	Garbage & Recycling Combined	Garbage	Garbage	Recycling
	mean	mean															
	Disposed Per Household per week (kg/household)																
1. PRINTED PAPER																	
Newspapers - Daily and weekly	x	0.01	0.006	0.01	0.01	0.17	0.230	0.16	0.13	0.177	0.235	0.138	0.008	0.15%	0.173	7.37%	
Other Newspapers/Newsprint - Other	x	0.01	0.028	0.02	0.01	0.39	0.206	0.24	0.26	0.401	0.234	0.256	0.269	0.016	0.30%	0.274	11.68%
Magazines and Catalogues	x	0.01	0.003	0.00	0.01	0.08	0.049	0.09	0.05	0.052	0.091	0.055	0.005	0.09%	0.067	2.86%	
Directories / Telephone books	x	0.00	0.000	0.00	0.00	0.00	0.023	0.00	0.00	0.023	0.000	0.006	0.001	0.02%	0.006	0.26%	
Other Printed Paper (Obligated)	x	0.02	0.038	0.04	0.03	0.06	0.046	0.04	0.06	0.089	0.085	0.074	0.088	0.023	0.62%	0.051	2.16%
Other Printed Paper (Non-Obligated)	x	0.04	0.055	0.03	0.03	0.04	0.069	0.03	0.05	0.082	0.124	0.059	0.085	0.040	0.75%	0.048	2.03%
Recyclable Paper	0.088	0.129	0.101	0.094	0.751	0.624	0.553	0.548	0.839	0.753	0.654	0.642	0.103	1.92%	0.619	26.36%	
Non-Recyclable Paper	0.009	0.000	0.00%	0.000	0.00%												
Total Paper	0.088	0.129	0.101	0.094	0.751	0.624	0.553	0.548	0.839	0.753	0.654	0.642	0.103	1.92%	0.619	26.36%	
2. PAPER PACKAGING																	
Gable Top Containers	x	0.00	0.007	0.01	0.00	0.04	0.043	0.04	0.04	0.043	0.049	0.043	0.037	0.004	0.07%	0.039	1.66%
Aseptic Containers (excluding alcoholic)	x	0.01	0.005	0.01	0.01	0.01	0.010	0.01	0.01	0.019	0.015	0.014	0.019	0.006	0.12%	0.010	0.44%
Aseptic Containers (alcoholic)	x	0.00	0.000	0.00	0.00	0.00	0.000	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.00%	0.000	0.01%
Polymer Beverage Cubes	x	0.02	0.015	0.03	0.01	0.02	0.029	0.01	0.02	0.035	0.045	0.040	0.030	0.018	0.33%	0.019	0.82%
Steel Wine Containers	x	0.01	0.004	0.01	0.01	0.01	0.007	0.01	0.01	0.013	0.012	0.011	0.014	0.005	0.09%	0.008	0.32%
Ice Cream Containers and Other	x	0.00	0.009	0.00	0.00	0.01	0.008	0.01	0.00	0.011	0.017	0.012	0.008	0.006	0.10%	0.006	0.27%
Paper Laminated Packaging	x	0.04	0.046	0.05	0.04	0.00	0.008	0.00	0.00	0.048	0.054	0.057	0.043	0.046	0.85%	0.005	0.21%
Corrugated Cardboard	x	0.03	0.051	0.03	0.03	0.30	0.339	0.29	0.29	0.326	0.390	0.314	0.321	0.035	0.65%	0.305	13.01%
Boxboard/Cards/Molded Pulp	x	0.08	0.111	0.09	0.08	0.30	0.295	0.27	0.27	0.381	0.406	0.353	0.350	0.091	1.69%	0.282	12.02%
Other Paper Packaging (Non-)	x	0.00	0.000	0.00	0.00	0.01	0.005	0.00	0.005	0.000	0.000	0.000	0.000	0.000	0.00%	0.003	0.11%
Recyclable Paper Packaging	0.148	0.201	0.163	0.144	0.695	0.737	0.626	0.635	0.843	0.838	0.788	0.779	0.164	3.05%	0.673	28.67%	
Non-Recyclable Paper Packaging	0.044	0.046	0.053	0.039	0.004	0.008	0.004	0.004	0.048	0.054	0.057	0.043	0.046	0.85%	0.005	0.21%	
Total Paper Packaging	0.192	0.248	0.215	0.183	0.699	0.745	0.629	0.639	0.891	0.892	0.822	0.8210	3.90%	0.678	28.88%		
3. PLASTICS																	
#1 PET Bottles and Jars (excluding	x	0.03	0.020	0.02	0.02	0.17	0.198	0.15	0.14	0.192	0.217	0.166	0.156	0.021	0.39%	0.162	6.90%
#1 PET Bottles and Jars - Coloured	x	0.00	0.001	0.00	0.00	0.01	0.003	0.01	0.00	0.009	0.004	0.008	0.004	0.001	0.02%	0.005	0.22%
#1 PET Bottles and Jars ≥ 5 L	x	0.00	0.000	0.00	0.00	0.00	0.005	0.00	0.00	0.005	0.003	0.002	0.000	0.003	0.12%	0.000	0.04%
#1 PET Bottles (alcoholic beverages)	x	0.00	0.002	0.00	0.00	0.00	0.002	0.00	0.00	0.002	0.004	0.003	0.002	0.004	0.04%	0.001	0.04%
#1 PET Thermoform - Clear	x	0.01	0.015	0.01	0.01	0.05	0.059	0.04	0.04	0.052	0.074	0.043	0.047	0.009	0.18%	0.045	1.00%
#1 PET Thermoform - Coloured	x	0.00	0.003	0.00	0.00	0.00	0.006	0.00	0.001	0.005	0.008	0.011	0.003	0.006	0.05%	0.021%	0.021%
#2 HDPE Bottles and Jugs (Natural)	x	0.00	0.002	0.00	0.01	0.02	0.011	0.01	0.02	0.021	0.013	0.016	0.029	0.005	0.09%	0.015	0.62%
#2 HDPE Bottles and Jugs (Coloured)	x	0.01	0.007	0.01	0.01	0.05	0.050	0.03	0.04	0.060	0.057	0.037	0.043	0.008	0.14%	0.042	1.78%
#2 HDPE Bottles and Jugs ≥ 5 L	x	0.00	0.000	0.00	0.00	0.01	0.009	0.00	0.001	0.007	0.009	0.003	0.007	0.000	0.00%	0.007	0.28%
#2 HDPE Bottles (alcoholic beverage)	x	0.00	0.000	0.00	0.00	0.00	0.000	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.00%	0.000	0.00%
#2 Other HDPE Containers	x	0.00	0.001	0.00	0												

Rural Regional B: Single Family Residential Curbside Results

Season:	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Overall Results: 4 Seasons	Overall Results: 4 Seasons	Overall Results: 4 Seasons	Overall Results: 4 Seasons	
Sample Type:	Residential Curbside Waste Audit	Residential Curbside Waste Audit	Residential Curbside Waste Audit														
Sample Area:	Rural Regional B	Rural Regional B	Rural Regional B														
Waste Stream:	Garbage	Garbage	Garbage	Garbage	Recycling	Recycling	Recycling	Recycling	Garbage & Recycling Combined	Garbage & Recycling Combined	Garbage & Recycling Combined	Garbage	Garbage	Recycling	Recycling		
	mean	mean	mean														
	Disposed Per Household per week (kg/bbl/wk)	% Disposed per Household per week	Total per Household per week % Total per Household per week														
1. PRINTED PAPER																	
Newspapers - Daily and weekly	x	0.003	0.003	0.007	0.006	0.214	0.436	0.330	0.220	0.217	0.440	0.337	0.226	0.005	0.09%	0.300	8.01%
Other Newspapers/Newsprint - Other	x	0.013	0.009	0.017	0.020	0.434	0.553	0.598	0.326	0.447	0.562	0.615	0.346	0.015	0.29%	0.478	12.74%
Magazines and Catalogues	x	0.016	0.006	0.005	0.001	0.232	0.209	0.680	0.142	0.248	0.214	0.685	0.143	0.007	0.13%	0.316	8.42%
Directories / Telephone books	x	0.000	0.000	0.000	0.009	0.022	0.002	0.010	0.009	0.022	0.002	0.010	0.000	0.000	0.00%	0.011	0.28%
Other Printed Paper (Obligated)	x	0.081	0.039	0.052	0.060	0.143	0.100	0.161	0.107	0.224	0.139	0.213	0.167	0.058	1.12%	0.128	3.41%
Other Printed Paper (Non-Obligated)	x	0.033	0.048	0.052	0.108	0.217	0.141	0.275	0.204	0.250	0.189	0.326	0.313	0.060	1.16%	0.209	5.58%
Recyclable Paper	0.146	0.105	0.132	0.195	1.249	1.460	2.046	1.009	1.395	1.565	2.178	1.204	0.145	2.79%	1.441	38.44%	
Non-Recyclable Paper	0.000	0.00%	0.000	0.00%													
Total Paper	0.146	0.105	0.132	0.195	1.249	1.460	2.046	1.009	1.395	1.565	2.178	1.204	0.145	2.79%	1.441	38.44%	
2. PAPER PACKAGING																	
Gable Top Containers	x	0.006	0.003	0.004	0.005	0.043	0.046	0.044	0.063	0.048	0.049	0.048	0.068	0.004	0.09%	0.049	1.31%
Aseptic Containers (excluding alcoholic)	x	0.005	0.007	0.006	0.010	0.015	0.011	0.015	0.011	0.020	0.018	0.021	0.021	0.007	0.13%	0.013	0.35%
Aseptic Containers - alcoholic	x	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.00%	0.000	0.00%
Polycoated Beverage Cups	x	0.024	0.023	0.023	0.027	0.016	0.018	0.018	0.016	0.041	0.042	0.041	0.043	0.024	0.47%	0.017	0.46%
Spiral Wound Containers	x	0.003	0.004	0.005	0.003	0.011	0.013	0.018	0.010	0.013	0.017	0.022	0.013	0.004	0.07%	0.013	0.34%
Ice Cream Containers and Other	x	0.004	0.002	0.002	0.002	0.006	0.007	0.006	0.007	0.009	0.008	0.009	0.009	0.002	0.05%	0.006	0.16%
Paper Laminate Packaging	x	0.030	0.033	0.041	0.038	0.015	0.006	0.009	0.010	0.045	0.038	0.051	0.048	0.035	0.68%	0.010	0.27%
Corrugated Cardboard	x	0.052	0.034	0.044	0.049	0.315	0.622	0.645	0.403	0.367	0.656	0.689	0.452	0.045	0.87%	0.496	13.24%
Boxboard/Cores/Molded Pulp	x	0.077	0.061	0.067	0.069	0.383	0.403	0.418	0.426	0.460	0.464	0.485	0.495	0.068	1.32%	0.408	10.87%
Other Paper Packaging (Non-	x	0.000	0.000	0.006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.03%	0.000	0.00%
Recyclable Paper Packaging	0.147	0.111	0.134	0.139	0.772	1.101	1.146	0.919	0.919	1.212	1.279	1.058	0.132	2.56%	0.985	26.27%	
Non-Recyclable Paper Packaging	0.054	0.056	0.065	0.064	0.031	0.024	0.027	0.026	0.085	0.080	0.092	0.090	0.060	1.16%	0.027	0.72%	
Total Paper Packaging	0.201	0.167	0.198	0.203	0.803	1.125	1.173	0.945	1.004	1.292	1.371	1.148	0.192	3.72%	1.012	26.99%	
3. PLASTICS																	
#1 PET Bottles and Jars (excluding	x	0.033	0.015	0.019	0.020	0.176	0.193	0.181	0.163	0.209	0.208	0.200	0.183	0.022	0.42%	0.178	4.76%
#1 PET Bottles and Jars -Coloured	x	0.002	0.001	0.001	0.000	0.005	0.008	0.005	0.007	0.009	0.009	0.005	0.001	0.02%	0.007	0.17%	
#1 PET Bottles and Jars ≥ 5 L	x	0.000	0.000	0.000	0.000	0.000	0.002	0.001	0.003	0.000	0.002	0.001	0.003	0.000	0.00%	0.001	0.04%
#1 PET Bottles (alcoholic beverages)	x	0.002	0.001	0.001	0.000	0.002	0.003	0.002	0.004	0.003	0.003	0.003	0.004	0.001	0.02%	0.002	0.06%
#1 PET Thermoform - Clear	x	0.007	0.005	0.008	0.008	0.039	0.052	0.059	0.048	0.046	0.057	0.067	0.055	0.007	0.13%	0.049	1.32%
#1 PET Thermoform - Coloured	x	0.001	0.002	0.002	0.002	0.007	0.006	0.009	0.007	0.008	0.007	0.011	0.009	0.002	0.04%	0.007	0.19%
#2 HDPE Bottles and Jugs (Natural)	x	0.003	0.000	0.002	0.003	0.012	0.014	0.011	0.020	0.015	0.014	0.013	0.023	0.002	0.04%	0.014	0.38%
#2 HDPE Bottles and Jugs (Coloured)	x	0.012	0.009	0.008	0.008	0.047	0.078	0.054	0.047	0.059	0.087	0.062	0.055	0.009	0.18%	0.056	1.50%
#2 HDPE Bottles and Jugs ≥ 3 L	x	0.000	0.000	0.002	0.001	0.003	0.022	0.014	0.002	0.003	0.022	0.016	0.003				

Small Urban: Single-Family Residential Curbside Results

	Season:	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Overall Results: 4 Seasons	Overall Results: 4 Seasons	Overall Results: 4 Seasons	Overall Results: 4 Seasons
		Residential Curbside Waste Audit	Residential Curbside Waste Audit	Residential Curbside Waste Audit													
Sample Area:	Small Urban								Small Urban								
	Garbage	Garbage	Garbage	Garbage	Recycling	Recycling	Recycling	Recycling	Garbage & Recycling Combined	Garbage	Garbage	Recycling	Recycling				
	Mean	Total per Household per week	% Total per Household per week														
	Disposed Per Household per week (kg/hh/week)	% Disposed per Household per week															
1. PRINTED PAPER																	
Newspapers - Daily and weekly	X	0.009	0.025	0.010	0.002	0.126	0.184	0.152	0.074	0.136	0.208	0.162	0.075	0.011	0.14%	0.134	4.93%
Other Newspapers/Newsprint - Other	X	0.035	0.023	0.042	0.029	0.337	0.253	0.365	0.208	0.372	0.276	0.407	0.237	0.032	0.39%	0.291	10.71%
Magazines and Catalogues	X	0.007	0.110	0.013	0.080	0.056	0.099	0.101	0.046	0.063	0.208	0.114	0.126	0.053	0.64%	0.075	2.78%
Directories / Telephone books	X	0.000	0.000	0.000	0.000	0.000	0.004	0.006	0.004	0.000	0.004	0.006	0.004	0.000	0.000	0.003	0.12%
Other Printed Paper (Obligated)	X	0.045	0.039	0.040	0.048	0.085	0.047	0.036	0.039	0.131	0.085	0.076	0.087	0.043	0.52%	0.052	1.90%
Other Printed Paper (Non-Obligated)	X	0.079	0.035	0.052	0.066	0.140	0.071	0.036	0.052	0.219	0.105	0.087	0.117	0.058	0.70%	0.074	2.74%
Recyclable Paper	0.176	0.231	0.157	0.225	0.744	0.656	0.695	0.422	0.920	0.886	0.852	0.646	0.197	2.40%	0.629	23.19%	
Non-Recyclable Paper	0.000	0.00%	0.000	0.00%													
Total Paper	0.176	0.231	0.157	0.225	0.744	0.656	0.695	0.422	0.920	0.886	0.852	0.646	0.197	2.40%	0.629	23.19%	
2. PAPER PACKAGING																	
Gable Top Containers	X	0.011	0.008	0.009	0.014	0.033	0.032	0.033	0.032	0.045	0.039	0.042	0.046	0.011	0.13%	0.033	1.20%
Aseptic Containers (excluding alcoholic)	X	0.008	0.012	0.012	0.011	0.009	0.006	0.012	0.014	0.018	0.019	0.024	0.025	0.011	0.13%	0.010	0.38%
Aseptic Containers - alcoholic	X	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00%	0.000	0.01%
Polycoat Beverage Cups	X	0.050	0.050	0.053	0.057	0.025	0.019	0.025	0.015	0.075	0.068	0.078	0.072	0.052	0.64%	0.021	0.77%
Spiral Wound Containers	X	0.007	0.006	0.008	0.007	0.020	0.009	0.016	0.016	0.027	0.016	0.024	0.007	0.009	0.016	0.057%	
Ice Cream Containers and Other	X	0.002	0.004	0.008	0.003	0.007	0.006	0.003	0.006	0.009	0.010	0.009	0.004	0.005	0.005	0.005	0.20%
Paper Laminate Packaging	X	0.039	0.038	0.047	0.051	0.004	0.007	0.005	0.006	0.043	0.044	0.052	0.057	0.044	0.53%	0.006	0.21%
Corrugated Cardboard	X	0.030	0.046	0.030	0.054	0.832	0.501	0.387	0.446	0.861	0.546	0.417	0.499	0.040	0.48%	0.541	19.95%
Boxboard/Cores/Molded Pulp	X	0.187	0.187	0.190	0.184	0.463	0.393	0.453	0.369	0.650	0.579	0.643	0.552	0.187	0.28%	0.419	15.45%
Other Paper Packaging (Non-	X	0.000	0.001	0.008	0.005	0.000	0.001	0.000	0.000	0.002	0.008	0.005	0.004	0.004	0.000	0.001	0.01%
Recyclable Paper Packaging	0.295	0.314	0.317	0.335	1.389	0.966	0.830	0.888	1.684	1.280	1.247	1.233	0.315	3.85%	1.046	38.54%	
Non-Recyclable Paper Packaging	0.039	0.038	0.047	0.051	0.004	0.007	0.005	0.006	0.043	0.044	0.052	0.057	0.044	0.53%	0.006	0.21%	
Total Paper Packaging	0.334	0.352	0.364	0.386	1.393	0.972	0.935	0.905	1.727	1.324	1.299	1.290	0.359	4.38%	1.051	38.75%	
3. PLASTICS																	
#1 PET Bottles and Jars (excluding	X	0.040	0.035	0.053	0.043	0.232	0.229	0.181	0.146	0.272	0.264	0.234	0.189	0.043	0.52%	0.197	7.26%
#1 PET Bottles and Jars - Coloured	X	0.003	0.003	0.003	0.006	0.013	0.012	0.015	0.008	0.016	0.015	0.018	0.014	0.004	0.04%	0.012	0.44%
#1 PET Bottles and Jars ≥ 5 L	X	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00%	0.000	0.00%
#1 PET Bottles (alcoholic beverages)	X	0.000	0.000	0.000	0.000	0.003	0.001	0.002	0.000	0.003	0.001	0.002	0.000	0.000	0.00%	0.001	0.04%
#1 PET Thermoform - Clear	X	0.016	0.009	0.013	0.015	0.050	0.041	0.033	0.040	0.066	0.050	0.046	0.055	0.013	0.16%	0.041	1.51%
#1 PET Thermoform - Coloured	X	0.003	0.004	0.004	0.003	0.001	0.005	0.005	0.014	0.004	0.009	0.008	0.017	0.003	0.04%	0.006	0.23%
#2 HDPE Bottles and Jugs (Natural)	X	0.015	0.012	0.028	0.023	0.055	0.030	0.039	0.069	0.070	0.042	0.067	0.092	0.019	0.24%	0.048	1.77%
#2 HDPE Bottles and Jugs (Coloured)	X	0.009	0.008	0.005	0.004	0.024	0.032	0.027	0.015	0.034	0.040	0.032	0.019	0.006	0.08%	0.025	0.91%
#2 HDPE Bottles and Jugs ≥ 5 L	X	0.000	0.000	0.000	0.000												

Rural Collection North: Single Family Residential Curbside Results

	Season:	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Overall Results: 4 Seasons	Overall Results: 4 Seasons	Overall Results: 4 Seasons	
	Sample Type:	Residential Curbside Waste Audit	Residential Curbside Waste Audit	Residential Curbside Waste Audit													
	Sample Area:	Rural Collection North	Rural Collection North	Rural Collection North													
	Waste Stream:	Garbage	Garbage	Garbage	Garbage	Recycling	Recycling	Recycling	Recycling	Garbage & Recycling Combined	Garbage & Recycling Combined	Garbage & Recycling Combined	Garbage	Garbage	Recycling	Recycling	
	Mean Disposed Per Household per week (kg/bbl/wk)	Total per Household per week	% Total per Household per week														
1. PRINTED PAPER																	
Newspapers - Daily and weekly	x	0.008	0.021	0.010	0.009	0.105	0.042	0.084	0.068	0.113	0.063	0.095	0.077	0.012	0.14%	0.075	2.51%
Other Newspapers/Newsprint - Other	x	0.023	0.034	0.084	0.038	0.293	0.175	0.333	0.165	0.316	0.209	0.418	0.203	0.045	0.52%	0.241	8.07%
Magazines and Catalogues	x	0.014	0.009	0.027	0.004	0.076	0.051	0.103	0.042	0.090	0.060	0.130	0.046	0.014	0.16%	0.068	2.27%
Directories / Telephone books	x	0.006	0.000	0.001	0.001	0.028	0.000	0.013	0.004	0.034	0.000	0.014	0.005	0.002	0.02%	0.011	0.38%
Other Printed Paper (Obligated)	x	0.062	0.048	0.084	0.063	0.091	0.087	0.088	0.094	0.153	0.136	0.172	0.156	0.064	0.75%	0.090	3.00%
Other Printed Paper (Non-Obligated)	x	0.049	0.080	0.056	0.047	0.123	0.092	0.035	0.067	0.172	0.172	0.091	0.114	0.058	0.68%	0.079	2.65%
Recyclable Paper	0.162	0.193	0.263	0.162	0.715	0.447	0.656	0.440	0.877	0.640	0.919	0.602	0.195	2.27%	0.565	18.87%	
Non-Recyclable Paper	0.000	0.00%	0.000	0.00%													
Total Paper	0.162	0.193	0.263	0.162	0.715	0.447	0.656	0.440	0.877	0.640	0.919	0.602	0.195	2.27%	0.565	18.87%	
2. PAPER PACKAGING																	
Cable Tie Containers	x	0.018	0.012	0.027	0.012	0.038	0.018	0.031	0.033	0.056	0.030	0.058	0.045	0.017	0.20%	0.030	1.00%
Aseptic Containers (excluding alcoholic)	x	0.010	0.014	0.011	0.009	0.010	0.008	0.009	0.012	0.020	0.022	0.020	0.021	0.011	0.13%	0.010	0.32%
Aseptic Containers - alcoholic beverages	x	0.001	0.000	0.000	0.000	0.002	0.000	0.002	0.001	0.003	0.000	0.002	0.001	0.000	0.00%	0.001	0.04%
Polycoat Beverage Cups	x	0.068	0.053	0.049	0.067	0.022	0.017	0.015	0.026	0.090	0.070	0.064	0.093	0.059	0.69%	0.020	0.67%
Spiral Wound Containers	x	0.006	0.007	0.005	0.006	0.007	0.009	0.009	0.013	0.013	0.017	0.014	0.019	0.006	0.07%	0.010	0.33%
Ice Cream Containers and Other	x	0.017	0.001	0.007	0.009	0.004	0.003	0.003	0.022	0.004	0.010	0.011	0.009	0.10%	0.003	0.10%	
Paper Laminate Packaging	x	0.047	0.047	0.053	0.043	0.010	0.007	0.013	0.007	0.056	0.054	0.065	0.050	0.047	0.55%	0.009	0.30%
Corrugated Cardboard	x	0.076	0.081	0.062	0.052	0.457	0.548	0.366	0.533	0.629	0.428	0.415	0.68	0.79%	0.434	14.49%	
Boxboard/Cores/Molded Pulp	x	0.182	0.179	0.153	0.147	0.488	0.370	0.400	0.403	0.670	0.549	0.553	0.550	0.165	1.92%	0.415	13.88%
Other Paper Packaging (Non-Obligated)	x	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.00%	0.000	0.00%
Recyclable Paper Packaging	0.305	0.287	0.259	0.229	1.000	0.946	0.811	0.814	1.305	1.233	1.070	1.043	0.270	3.14%	0.893	29.84%	
Non-Recyclable Paper Packaging	0.120	0.108	0.106	0.116	0.039	0.034	0.037	0.046	0.159	0.141	0.144	0.162	0.112	1.31%	0.039	1.30%	
Total Paper Packaging	0.425	0.395	0.366	0.345	1.038	0.980	0.848	0.860	1.463	1.375	1.214	1.205	0.383	4.45%	0.932	31.14%	
3. PLASTICS																	
#1 PET Bottles and Jars (excluding	x	0.084	0.090	0.060	0.068	0.166	0.174	0.129	0.250	0.264	0.190	0.213	0.075	0.88%	0.154	5.14%	
#1 PET Bottles and Jars - Coloured	x	0.004	0.005	0.004	0.007	0.002	0.004	0.002	0.007	0.006	0.013	0.005	0.005	0.004	0.13%		
#1 PET Bottles and Jars > 5 L	x	0.000	0.000	0.000	0.000	0.001	0.003	0.000	0.001	0.003	0.000	0.000	0.000	0.000	0.00%	0.001	0.04%
#1 PET Bottles (alcoholic beverages)	x	0.001	0.002	0.000	0.001	0.001	0.004	0.002	0.001	0.005	0.002	0.002	0.001	0.01%	0.002	0.06%	
#1 PET Thermoform - Clear	x	0.030	0.034	0.023	0.033	0.049	0.046	0.039	0.039	0.078	0.080	0.062	0.073	0.030	0.35%	0.043	1.45%
#1 PET Thermoform - Coloured	x	0.009	0.003	0.005	0.005	0.008	0.005	0.005	0.017	0.008	0.010	0.010	0.006	0.006	0.06%	0.003	0.19%
#2 HDPE Bottles and Jugs (Natural)	x	0.007	0.007	0.004	0.005	0.025	0.014	0.008	0.011	0.032	0.021	0.011	0.016	0.006	0.06%	0.015	0.49%
#2 HDPE Bottles and Jugs (Coloured)	x	0.025	0.031	0.017	0.025	0.064	0.046	0.064	0.065	0.089	0.076	0.081	0.024	0.024	0.28%	0.059	1.99%
#2 HDPE Bottles and Jugs > 5 L	x	0.000	0.000	0.000	0.000	0.005	0.001	0.002	0.005	0.005	0.001	0.002	0.005	0.000	0.000	0.003	0.11%
#2 HDPE Bottles (alcoholic beverage)	x	0.00															

Large Urban A: Multi-Residential Results

Season:	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Spring	Summer	Fall	Winter	Overall Results: 4 Seasons				
Sample Type:	Multi Residential Waste Audit	Residential Curbside Waste Audit														
Sample Area:	Large Urban A	Large Urban A	Large Urban A	Large Urban A	Large Urban A	Large Urban A	Large Urban A	Large Urban A								
Waste Stream:	Garbage	Garbage	Garbage	Garbage	Recycling	Recycling	Recycling	Garbage & Recycling Combined	Garbage & Recycling Combined	Garbage & Recycling Combined	Garbage	Garbage	Recycling	Recycling		
	Mean Disposed Per Household	Mean Disposed Per Household	Mean Disposed Per Household	Mean Disposed Per Household	Mean Disposed Per Household	Mean Disposed Per Household	Mean Disposed Per Household	Total per Household per week								
1. PRINTED PAPER																
Newspapers - Daily and weekly	X	0.03	0.04	0.09	0.06	0.06	0.15	0.10	0.12	0.092	0.190	0.188	0.182	0.056	0.67%	
Other Newspapers/Newsprint - Other	X	0.16	0.14	0.16	0.15	0.25	0.21	0.16	0.308	0.391	0.365	0.310	0.152	1.83%	0.191	
Magazines and Catalogues	X	0.04	0.12	0.03	0.07	0.03	0.09	0.05	0.03	0.072	0.211	0.073	0.099	0.065	0.78%	0.049
Directories / Telephone books	X	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.007	0.009	0.004	0.001	0.001	0.01%	0.004	
Other Printed Paper (Obligated)	X	0.13	0.07	0.05	0.12	0.05	0.07	0.08	0.03	0.183	0.135	0.127	0.156	0.093	1.12%	0.057
Other Printed Paper (Non-Obligated)	X	0.10	0.03	0.05	0.12	0.19	0.04	0.06	0.03	0.293	0.076	0.105	0.149	0.075	0.91%	0.080
Recyclable Paper	0.472	0.406	0.373	0.522	0.484	0.607	0.488	0.375	0.956	1.013	0.861	0.897	0.443	5.33%	0.489	
Non-Recyclable Paper	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00%	0.00%	
Total Paper	0.472	0.406	0.373	0.522	0.484	0.607	0.488	0.375	0.956	1.013	0.861	0.897	0.443	5.33%	0.489	
2. PAPER PACKAGING																
Gable Top Containers	X	0.02	0.02	0.03	0.03	0.04	0.05	0.02	0.02	0.058	0.068	0.049	0.051	0.024	0.29%	0.033
Aseptic Containers (excluding)	X	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.010	0.019	0.010	0.013	0.007	0.08%	0.006
Aseptic Containers - alcoholic	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.00%	0.01%	
Polycoat Beverage Cups	X	0.03	0.02	0.03	0.08	0.01	0.01	0.01	0.036	0.035	0.034	0.097	0.043	0.51%	0.008	
Spiral Wound Containers	X	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.006	0.008	0.012	0.009	0.005	0.06%	0.004	
Ice Cream Containers and Other	X	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.006	0.002	0.006	0.005	0.004	0.04%	0.001	
Paper Laminate Packaging	X	0.03	0.02	0.04	0.05	0.01	0.00	0.00	0.035	0.023	0.041	0.052	0.033	0.40%	0.005	
Corrugated Cardboard	X	0.11	0.13	0.20	0.41	0.22	0.36	0.15	0.18	0.326	0.492	0.354	0.588	0.213	2.56%	0.227
Boxboard/Cores/Molded Pulp	X	0.19	0.20	0.30	0.35	0.23	0.27	0.16	0.19	0.417	0.469	0.458	0.537	0.258	3.10%	0.212
Other Paper Packaging (Non-)	X	0.02	0.00	0.02	0.02	0.00	0.02	0.00	0.025	0.017	0.022	0.019	0.016	0.19%	0.005	
Recyclable Paper Packaging	0.384	0.386	0.603	0.903	0.498	0.725	0.343	0.415	0.882	1.111	0.946	1.318	0.569	6.84%	0.495	
Non-Recyclable Paper Packaging	0.026	0.020	0.038	0.049	0.009	0.003	0.002	0.035	0.023	0.041	0.052	0.033	0.040%	0.005		
Total Paper Packaging	0.410	0.406	0.641	0.953	0.508	0.728	0.346	0.418	0.918	1.134	0.987	1.370	0.603	7.24%	0.500	
3. PLASTICS																
#1 PET Bottles and Jars (excluding)	X	0.07	0.06	0.08	0.09	0.08	0.20	0.05	0.09	0.132	0.282	0.130	0.174	0.077	0.93%	0.097
#1 PET Bottles and Jars - Coloured	X	0.00	0.01	0.01	0.04	0.01	0.01	0.01	0.048	0.016	0.010	0.023	0.006	0.08%	0.018	
#1 PET Bottles and Jars - 5 L	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.004	0.001	0.000	0.000	0.000	0.00%	0.00%	
#1 PET Bottles (alcoholic beverages)	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.001	0.001	0.000	0.000	0.000	0.00%	0.01%	
#1 PET Thermoform - Clear	X	0.02	0.02	0.03	0.04	0.02	0.05	0.02	0.03	0.047	0.079	0.045	0.066	0.028	0.34%	0.031
#1 PET Thermoform - Coloured	X	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.012	0.014	0.014	0.007	0.008	0.10%	0.003	
#2 HDPE Bottles and Jugs (Natural)	X	0.02	0.01	0.02	0.04	0.02	0.02	0.01	0.048	0.032	0.038	0.074	0.024	0.29%	0.023	
#2 HDPE Bottles and Jugs (Coloured)	X	0.00	0.01	0.02	0.01	0.01	0.05	0.01	0.014	0.059	0.028	0.018	0.011	0.019	1.15%	
#2 HDPE Bottles and Juices ≥ 5 L	X	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.000	0.006	0.000	0.000	0.000	0.00%	0.00%	
#2 HDPE Bottles (alcoholic beverage)	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.00%	0.00%	
#2 Other HDPE Containers	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.00%	0.00%	
Flexible Film Plastic - LDPE & HDPE	X	0.13	0.13	0.21	0.01	0.03	0.01	0.01	0.133	0.165	0.153	0.226	0.153	1.84%	0.016	
LDPE/HDPE Film - Products (non-)	X	0.10	0.05	0.16	0.10	0.00	0.01	0.00	0.107	0.060	0.171	0.107	0.106	1.27%	0.005	
#5 PP Bottles	X	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.002	0.001	0.001	0.002	0.001	0.01%	0.005%	
#5 Other PP Containers	X	0.05	0.04	0.05	0.05	0.02	0.06	0.02	0.070	0.099	0.071	0.062	0.049	0.58%	0.027	
#5 Other PP Containers (Black)	X	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.009	0.007	0.004	0.003	0.005	0.06%	0.007%	
#6 PS - Expanded Polystyrene	X	0.04	0.06	0.05	0.06	0.01	0.01	0.01	0.048	0.016	0.010	0.023	0.006	0.08%	0.016	
#																

Large Urban B: Multi-Residential Results

Season:	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter	Overall Results: 4 Seasons				
	Sample Type:	Multi Residential Waste Audit	Residential Curbside Waste Audit	Residential Curbside Waste Audit	Residential Curbside Waste Audit	Residential Curbside Waste Audit	Residential Curbside Waste Audit	Residential Curbside Waste Audit	Residential Curbside Waste Audit	Residential Curbside Waste Audit							
	Sample Area:	Large Urban B	Large Urban B	Large Urban B	Large Urban B												
	Waste Stream:	Garbage	Garbage	Garbage	Garbage	Recycling	Recycling	Recycling	Garbage & Recycling Combined	Garbage	Garbage	Recycling	Recycling				
	Mean Disposed Per Household per week	Disposed per Household per week	% Disposed per Household	Total per Household per week	% Total per Household per week												
1. PRINTED PAPER																	
Newspapers - Daily and weekly	x	0.04	0.069	0.06	0.05	0.12	0.150	0.13	0.09	0.162	0.219	0.188	0.149	0.056	1.31%	0.124	7.85%
Other Newspapers/Newsprint - Other	x	0.03	0.019	0.03	0.03	0.08	0.043	0.07	0.04	0.105	0.062	0.104	0.076	0.028	0.67%	0.059	3.71%
Magazines and Catalogues	x	0.02	0.042	0.03	0.02	0.05	0.090	0.07	0.04	0.073	0.132	0.103	0.061	0.029	0.69%	0.063	4.00%
Directories / Telephone books	x	0.00	0.003	0.00	0.00	0.00	0.000	0.00	0.00	0.003	0.000	0.000	0.000	0.001	0.02%	0.000	0.00%
Other Printed Paper (Obligated)	x	0.08	0.092	0.10	0.10	0.15	0.120	0.09	0.11	0.239	0.211	0.189	0.214	0.094	2.21%	0.120	7.59%
Other Printed Paper (Non-Obligated)	x	0.01	0.046	0.04	0.02	0.02	0.035	0.03	0.04	0.030	0.081	0.071	0.060	0.028	0.67%	0.032	2.03%
Recyclable Paper	0.187	0.271	0.258	0.230	0.422	0.437	0.398	0.330	0.609	0.708	0.655	0.560	0.236	5.57%	0.397	25.18%	
Non-Recyclable Paper	0.000	0.000	0.00%	0.000	0.00%												
Total Paper	0.187	0.271	0.258	0.230	0.422	0.437	0.398	0.330	0.609	0.708	0.655	0.560	0.236	5.57%	0.397	25.18%	
2. PAPER PACKAGING																	
Gable Top Containers	x	0.01	0.013	0.01	0.02	0.02	0.014	0.02	0.01	0.027	0.027	0.031	0.030	0.013	0.30%	0.016	1.03%
Aseptic Containers (excluding	x	0.01	0.006	0.01	0.01	0.01	0.006	0.01	0.00	0.012	0.012	0.017	0.013	0.007	0.17%	0.006	0.37%
Aseptic Containers - alcoholic	x	0.00	0.000	0.00	0.00	0.00	0.000	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.00%	0.000	0.02%
Polycoated Beverage Cups	x	0.02	0.019	0.02	0.02	0.01	0.006	0.01	0.023	0.025	0.029	0.031	0.021	0.50%	0.006	0.37%	
Spiral Wound Containers	x	0.00	0.001	0.00	0.00	0.00	0.002	0.00	0.005	0.003	0.007	0.005	0.003	0.06%	0.002	0.15%	
Ice Cream Containers and Other	x	0.00	0.004	0.01	0.01	0.00	0.001	0.00	0.005	0.005	0.007	0.007	0.005	0.11%	0.001	0.09%	
Paper Laminate Packaging	x	0.01	0.019	0.02	0.02	0.00	0.003	0.00	0.00	0.017	0.022	0.027	0.025	0.019	0.45%	0.004	0.23%
Corrugated Cardboard	x	0.11	0.152	0.15	0.15	0.39	0.468	0.30	0.24	0.497	0.620	0.450	0.387	0.139	3.27%	0.350	22.20%
Boxboard/Cores/Molded Pulp	x	0.13	0.184	0.17	0.21	0.14	0.142	0.13	0.12	0.263	0.326	0.307	0.331	0.173	4.08%	0.133	8.47%
Other Paper Packaging (Non-	x	0.00	0.000	0.00	0.00	0.00	0.005	0.00	0.001	0.003	0.005	0.006	0.001	0.01%	0.003	0.21%	
Recyclable Paper Packaging	0.271	0.379	0.378	0.419	0.565	0.644	0.472	0.391	0.837	1.023	0.850	0.810	0.362	8.52%	0.518	32.90%	
Non-Recyclable Paper Packaging	0.013	0.019	0.023	0.022	0.004	0.003	0.004	0.004	0.017	0.022	0.027	0.025	0.019	0.45%	0.004	0.23%	
Total Paper Packaging	0.284	0.399	0.401	0.441	0.569	0.647	0.476	0.395	0.854	1.046	0.877	0.836	0.381	8.97%	0.522	33.13%	
3. PLASTICS																	
#1 PET Bottles and Jars (excluding	x	0.04	0.055	0.05	0.06	0.06	0.044	0.05	0.05	0.101	0.099	0.103	0.109	0.053	1.24%	0.050	3.17%
#1 PET Bottles and Jars - Coloured	x	0.00	0.002	0.00	0.00	0.00	0.002	0.00	0.00	0.003	0.004	0.005	0.005	0.002	0.06%	0.002	0.11%
#1 PET Bottles and Jars ≥ 5 L	x	0.00	0.000	0.00	0.00	0.00	0.000	0.00	0.00	0.001	0.000	0.001	0.000	0.000	0.00%	0.000	0.01%
#1 PET Bottles - (alcoholic beverages)	x	0.00	0.001	0.00	0.00	0.00	0.001	0.00	0.00	0.001	0.001	0.002	0.002	0.001	0.02%	0.000	0.03%
#1 PET Thermoform - Clear	x	0.02	0.030	0.03	0.04	0.02	0.017	0.02	0.02	0.045	0.047	0.046	0.058	0.029	0.69%	0.020	1.26%
#1 PET Thermoform - Coloured	x	0.00	0.004	0.00	0.00	0.00	0.002	0.00	0.00	0.006	0.006	0.007	0.007	0.004	0.10%	0.002	0.15%
#2 HDPE Bottles and Jugs (Natural)	x	0.00	0.005	0.01	0.01	0.01	0.006	0.01	0.01	0.011	0.010	0.016	0.012	0.006	0.14%	0.006	0.40%
#2 HDPE Bottles and Jugs (Coloured)	x	0.01	0.019	0.03	0.02	0.02	0.022	0.02	0.02	0.036	0.040	0.045	0.036	0.020	0.46%	0.019	1.23%
#2 HDPE Bottles (alcoholic beverage)	x	0.00	0.000	0.00	0.00	0.00	0.003	0.00	0.00	0.004	0.003	0.003	0.002	0.000	0.01%	0.002	0.14%
#2 Other HDPE Containers	x	0.00	0.003	0.00	0.00	0.00	0.002	0.00	0.00	0.005	0.004	0.005	0.006	0.003	0.07%	0.002	0.13%
Flexible Film Plastic - LDPE & HDPE	x	0.13	0.162	0.17	0.21	0.03	0.033	0.02	0.02	0.157	0.195</						