



State of Oregon  
Department of  
Environmental  
Quality

# Oregon Solid Waste Composition

2005/06

## Marion County Supplement

June 30, 2007

The Oregon Waste Composition Study for 2005/06 is a state-wide study of the composition of municipal solid waste generated in Oregon and disposed at landfills, transfer stations, and incinerators in Oregon or transported out-of-state for disposal. The study was conducted by obtaining samples of waste at the point of disposal, sorting the waste into different material categories, weighing each component, and then combining these results with disposal quantity information to determine the total amount of different materials being disposed in Oregon.

To supplement the statewide emphasis of the study, Marion County and Metro all participated in and contributed to the study in order to obtain more detailed information about the wastes within each of their respective jurisdictions. Marion County participated by paying to have 120 additional disposal site samples collected and sorted from within the county. The original goal was to combine these samples with those already being gathered as part of the statewide study to obtain at least 158 samples from Marion County, concentrating on waste received at the Marion County Waste to Energy Facility, but also including waste received at the Browns Island Landfill.

The targeted 150 Marion County samples plus another 8 samples of residue from a Marion County mixed waste processing facility and one extra drop box at the Marion County Energy Recovery Facility were all collected and sorted, giving a total sample count of 159. One additional self-haul samples from Marion County was also collected at the Coffin Butte Landfill as part of the overall Oregon study, but is not included in analysis here.

This report is a supplement to the overall 2005/06 Oregon Waste Composition Study results. Aspects such as study methodology and statewide results will be covered briefly here, and will be presented in more detail in the overall 2005/06 study report. This supplement will concentrate on the results from the 159 Marion County samples (including processing facility samples), as well as present quantity information for the Marion County wastes.

All field work for the 2005/06 Oregon Waste Composition Study was conducted by Sky Valley Associates ("the contractor") under contract to the Oregon Department of Environmental Quality (DEQ). DEQ performed most of the logistical arrangements for coordinating with disposal sites and for sample selection, and was also responsible for all data analysis. Jeff Bickford of Marion County was Project Officer for the Marion County portion of the study. Marion County also provided extensive information on disposal at Marion County facilities including copies of the entire Marion County disposal transaction database for 2005. Covanta provided support with sampling at the Marion County Waste to Energy Facility. Refuse collection companies serving Marion County also provided data on truck routes for sampling purposes. Peter Spendelow of DEQ did much of the logistical arrangements and all the data analysis and write-up.

## Methodology:

The general methodology for the Oregon Waste Composition Study involves the following steps:

1. Select loads being directly disposed at landfills, transfer stations, and solid waste incinerators. The selection protocol is designed to accurately represent all of the municipal solid waste being disposed from Oregon, or in this case, from Marion County. The definition for solid waste that is included in this study is the same as is used in Oregon's material recovery survey and calculation of Oregon and watershed material recovery rates.
2. Sort the selected load into 125 categories of materials, and then weigh each material category.
3. Use the sorted sample weight data to determine the composition of different substreams of wastes, such as residential and commercial route truck garbage, loose drop box garbage, and self-haul garbage.
4. Combine the different substream compositions to produce the overall composition for Oregon or for the specific jurisdiction.

A more detailed description of methodology as it relates to this Marion County supplement is included in Appendix Marion-A: Methodology Details.

The intent of the Marion County study was to determine the composition of waste going directly to the Marion County Waste to Energy Facility, and to a lesser extent the composition of waste going to the Browns Island Demolition Landfill. Sampling for the Marion study was conducted only at the Marion County Waste to Energy Facility (energy facility) and at Browns Island, plus a few processing facility residue samples collected directly at Marion Recycling. Two separate analyses were conducted on these data:

- Analysis of waste going directly to the Energy Facility, and
- Analysis of all waste generated in Marion County and then disposed, excluding self-haul wastes taken to landfills outside of Marion County.

For the second analysis, the assumption was made that the waste collected from refuse collection companies (haulers) and then taken to the Coffin Butte Landfill has the same composition as wastes taken from those same companies to the Energy Facility. This assumption seems fairly reasonable since for the most part Marion County haulers simply divert loads to Coffin Butte Landfill when the Marion County Waste to Energy Facility is either closed down for maintenance, or has too much garbage stockpiled to be able to accept more. However, some differences in composition could result from two factors:

- When haulers are sending some of their loads to Coffin Butte and others to the Energy Facility, they might direct those routes that are closer to Coffin Butte to go there instead of to the energy facility, resulting in some geographic differences in what waste goes where.
- Haulers also might be more likely to send loads with materials not acceptable at the Energy Facility to Coffin Butte.

In all other parts of Oregon, self-haul waste samples are collected directly from the vehicles dumping at the landfill or transfer station. For Marion County though, the situation was complicated since some of the waste from the transfer stations is taken first to Marion Recycling where recoverable materials are removed, and then the residue is shipped either to the Energy Facility or Coffin Butte. Thus, the waste directly arriving at the transfer stations is not completely representative of the waste going to the Energy Facility, since portions of the waste chosen to include significant amounts of recoverable items are

diverted through Marion Recycling instead of going directly to the Energy Facility. Since the Marion County transfer stations only accept self-haul waste, we decided to sample their waste as it arrived at the Energy Facility, and also sampled processing residue samples from Marion Recycling that were destined for disposal.

Although we sampled Marion County self haul waste coming from the transfer stations and disposed at Browns Island Landfill, we did not target taking samples of Marion County waste being delivered to facilities outside of Marion County. The amount of this self-haul waste is fairly substantial, with Coffin Butte reporting 8,784 tons, Riverbend reporting 5,276 tons, Lakeside Reclamation reporting 691 tons, and Hillsboro Landfill reporting 492 tons. Because delivery of these loads to the out-of-county landfills is fairly erratic, it was not practical to gather a sufficient number of samples to properly represent disposal of this waste. Thus, we decided to exclude self haul waste taken to out-of-county facilities from the Marion waste composition results. One Marion County self haul samples was actually obtained randomly as part of the overall statewide study, but this sample was not applied to the Marion County results.

Sampling was conducted during the months of June, September, and November/December of 2005 and March of 2006. Table Marion1 shows the number of samples collected each quarter for each different waste source.

**Table Marion1: Marion County Disposal Site Samples by Source**

Load type	Jan - March	April - June	July - Sept.	Oct. - Dec.	Total
Route Trucks:					
Residential Routes	11	10	13	9	43
Commercial Routes	3	3	4	2	12
Mixed Routes	4	6	3	9	22
Compacting Drop Boxes	4	4	4	4	16
Loose Drop Boxes	6	5	5	4	20
Self Haul	7	7	6	7	27
Special Purpose Landfill (B.I.)	3	3	3	2	11
Mixed Waste Processing Residuals	2	2	2	2	8
Total Marion County	40	40	40	39	159

## Quantifying Marion County Waste

Data on the quantity of different types of waste disposed from Marion County came from 3 main sources:

1. Disposal transaction data for Marion County disposal facilities supplied by Marion County,
2. Quarterly disposal reports to DEQ by all Oregon landfills and transfer stations, and
3. Interviews with drivers of trucks from which garbage was sampled.

Based on this information, estimates were calculated for the total tonnage by quarter for each of the substreams used in composition sampling, as shown in table Marion2. Separate compilation was made of Marion County waste going to the Energy Facility, shown in table Marion3.

For waste going to the Energy Facility, it was possible to directly match the transaction data from the Marion County disposal database with the definitions used in the composition study for route trucks, compacting drop boxes, loose drop boxes, self haul, and processing facility residue. For Coffin Butte, fairly good matches between categories could also be made, except that Coffin Butte records all drop box loads together and does not separate loose drop boxes from compacting drop boxes, and some waste coming from transfer stations appears to have been recorded as drop box waste. No direct data were available from disposal sites to determine the amount of route truck waste that comes from residential routes, commercial routes, and mixed routes. For the purpose of this study, estimates of each of these were constructed using a combination of actual samples collected in both the current study and the studies conducted in 1998 and 2002, plus hauler-provided data on their Marion County routes.

**Table Marion2: Marion County Tons Disposed 2005 by source.**

Load type	Jan - March	April-June	July - Sept.	Oct. - Dec.	Total
<b>Route Trucks:</b>	<b>29,103</b>	<b>32,330</b>	<b>31,310</b>	<b>31,619</b>	<b>124,362</b>
Residential Routes	15,064	16,029	16,042	15,144	62,279
Commercial Routes	4,599	5,261	5,536	5,403	20,800
Mixed Routes	9,440	11,040	9,732	11,072	41,284
<b>Compacting Drop Boxes</b>	<b>4,384</b>	<b>4,179</b>	<b>4,646</b>	<b>5,017</b>	<b>18,227</b>
<b>Loose Drop Boxes</b>	<b>3,673</b>	<b>3,525</b>	<b>4,399</b>	<b>4,528</b>	<b>16,125</b>
<b>Self Haul (Marion County TS)</b>	<b>6,143</b>	<b>6,899</b>	<b>8,303</b>	<b>7,199</b>	<b>28,544</b>
<b>Mixed Waste Processing Residuals</b>	<b>7,549</b>	<b>8,066</b>	<b>8,898</b>	<b>7,800</b>	<b>32,313</b>
<b>Special Purpose Landfill excl. Gypsum</b>	<b>2,213</b>	<b>4,088</b>	<b>5,584</b>	<b>3,584</b>	<b>15,469</b>
<b>Subtotal: Sampled Waste</b>	<b>53,066</b>	<b>59,087</b>	<b>63,140</b>	<b>59,747</b>	<b>235,040</b>
<i>Tires (single material disposed)</i>	336	531	719	734	2,320
<i>Medical (single material disposed)</i>	87	87	87	88	349.8
<i>Gypsum (Browns Island)</i>	1,172	1,312	1,398	1,259	5,140
<i>Self-Haul out-of-county</i>	2,961	2,883	5,152	4,248	15,244
<b>Total (including non-sampled waste)*</b>	<b>57,622</b>	<b>63,900</b>	<b>70,496</b>	<b>66,077</b>	<b>258,094</b>

\*This total includes 11,541 tons of specific wastes that were excluded from Marion County's 2005 disposed tonnage under the Oregon Material Recovery Survey and instead counted as recovered tons under Oregon Revised Statute 459A.010(4)(f)(B).

**Table Marion3: Marion County Waste to Energy Facility Tons Disposed 2005 by source.**

**Does not include wastes generated out of Marion County**

Load type	Jan - March	April-June	July - Sept.	Oct. - Dec.	Total
<b>Route Trucks:</b>	<b>22,299</b>	<b>28,534</b>	<b>25,241</b>	<b>25,261</b>	<b>101,335</b>
Residential Routes	11,542	14,147	12,932	12,099	50,720
Commercial Routes	3,524	4,644	4,463	4,317	16,947
Mixed Routes	7,233	9,744	7,845	8,845	33,668
<b>Compacting Drop Boxes</b>	<b>3,486</b>	<b>3,779</b>	<b>3,658</b>	<b>3,906</b>	<b>14,830</b>
<b>Loose Drop Boxes</b>	<b>2,856</b>	<b>3,161</b>	<b>3,501</b>	<b>3,518</b>	<b>13,036</b>
<b>Self Haul *</b>	<b>5,716</b>	<b>6,502</b>	<b>7,925</b>	<b>6,756</b>	<b>26,899</b>
<b>Mixed Waste Processing Residuals</b>	<b>1,150</b>	<b>363</b>	<b>58</b>	<b>364</b>	<b>1,934</b>
<b>Subtotal: Sampled Waste:</b>	<b>35,508</b>	<b>42,339</b>	<b>40,382</b>	<b>39,805</b>	<b>158,035</b>
<b>Medical (not sampled)</b>	<b>87</b>	<b>87</b>	<b>87</b>	<b>88</b>	<b>350</b>
<b>Total</b>	<b>35,595</b>	<b>42,427</b>	<b>40,469</b>	<b>39,893</b>	<b>158,384</b>

\* "self-haul" includes road cleanup waste and a very tiny amount of dead animals

## Composition results

The composition results for Marion County are presented in a series of tables at the end of this report, including the following:

Marion4: Overall Composition for All Marion County (excluding self-haul to out-of-county facilities) and comparison to Statewide Composition - field data only

Marion5: Marion County Overall Composition 2005: Field Data and Contamination Correction

Marion6: Composition for the Marion Waste to Energy Plant 2005: Field Data and Contamination Correction

Marion7: Tons Disposed By Material: Marion County Overall and Waste to Energy Plant 2005

Marion8: Comparison of Marion County Composition 2005, 2002, and 1998: Field Data

Marion9: Comparison of Marion County Composition 2005, 2002, and 1998: With Contamination Correction

Marion10: Composition By Vehicle Source

Marion11: Confidence Intervals: Composition by Vehicle Source

In comparing Marion County to statewide composition results (Table Marion4), bear in mind that the Marion County results do not include a significant tonnage of material that is self-hauled to out-of-county landfills. As such, the amount of material commonly present in self-haul garbage, including materials such as wood and yard debris and other "dry" wastes, should be lower in the Marion results since some of this self-haul waste was not included in the study. The same is true for comparing 1998 to 2002 and 2005 Marion County results, as the 1998 results included more samples from the Marion County transfer stations as a proxy for the out-of-county self-haul waste.

However, even taking this into account, the amount of wood and yard debris disposed from Marion County is substantially below the statewide average. Wood made up only 7.37% of the Marion County garbage as opposed to 13.57% of the statewide garbage. This difference is statistically significant, although again, the exclusion of some Marion County self-haul waste could have partly lead to this difference. Increased recovery of wood by Marion Recycling, including sorting out of wood taken to the Salem-Keiser transfer station, may also have been a factor. Yard debris also continued to be lower in disposal in Marion County compared to the rest of the state, although unlike 2002, the differences were not statistically significant in 2005. Yard debris made up 3.56% of Marion County's disposed waste in 2005, compared to 4.3% statewide. The Marion County 2002 study showed only 2.82% of the disposed waste being yard debris. The main difference was in woody yard debris, since leaves and grass were almost equal in disposal in Marion County and the rest of the state.

Paper disposal continues to decline in Marion County, as is also true statewide. Using field data without the correction for contamination, paper made up only 18.45% of Marion County's waste, compared to 21.95% in 2002 and 21.45% in 1998. This difference is statistically significant. Newspaper and high-grade paper were both significantly lower in disposal in 2005 than in 2002, but cardboard and magazine disposal were about the same. Direct comparison of most other paper grades was not possible because we reorganized paper grades between the 2002 and the 2005 studies.

Marion County also had slightly lower levels of paper disposal than the rest of the state (19.64%) but this difference was not significant. Some of what we weighed as paper at the disposal sites was really moisture from food and rain that were absorbed into the paper, plus other contaminants. Correcting for

this contamination, paper made up only 14.78% of Marion County's waste. Marion County did have lower disposal levels for corrugated cardboard than did the rest of the state.

Plastics made up 12.02% of the Marion County waste, as compared to 11.24% statewide. In 2002, Marion County had significantly more plastic disposed than did the rest of the state, but the differences in 2005 were not statistically significant. This may be partly due to a statistically-significant decline in film plastic. Film plastic made up 5.34% of Marion's waste in 2005, compared to 7.33% in 2002 but also only 5.26% back in 1998. However, plastic packaging made up a higher percentage of Marion County's waste compared to the rest of the state. The same was true for film plastic, even though film plastic had fallen in disposal since 2002.

There were a few other statistically-significant differences noted between results for 2005 and 2002 for Marion County (Tables Marion8 and Marion9). Food waste climbed to 20.54% in 2005 compared to 17.66% in 2002. This difference was not statistically significant, but it was significantly higher than the 1998 figure of 15.34%. A few types of scrap metal were also higher in disposal in 2005 compared to 2002. In general, all types of packaging combined made up less of Marion's garbage in 2005 compared to 2002.

## **Explanation of tables**

In Table Marion4, individual material categories that we weighed in the field are in plain text, while the combination of different categories (such as "total paper") are in bold. Generally, the individual material categories are indented and listed below the major material categories. Categories listed in italics generally combine a number of the individual material categories above them.

In the 2005 study, certain materials were divided into size categories at the request of Metro in order to get better information as to the percentage of material that might be reasonably pulled from mixed solid waste in a solid waste processing facility (such as Marion Recycling). This was done for cardboard, metal, wood, and concrete/brick. These individual size categories are included in only table Marion4. In subsequent tables, they are combined, shortening what still are very large tables.

**Table Marion4: Overall Marion County Composition and comparison to statewide results**  
**2005 Field Data Only** (page 1 of 4)

Material	Marion County Percent	(90% Conf. Int.) Marion	Marion Present/Samples	Overall Oregon Percent	(90% Conf. Int.) All Oregon
<b>TOTAL PAPER</b>	<b>18.45%</b>	<b>(17.09 - 19.65%)</b>	<b>150/ 159</b>	<b>19.64%</b>	<b>(18.82 - 20.46%)</b>
<b>Packaging Paper</b>	<b>7.36%</b>	<b>(6.55 - 8.18%)</b>	<b>148/ 159</b>	<b>8.90%</b>	<b>(8.33 - 9.51%)</b>
<b>Cardboard including wine boxes</b>	<b>3.41%</b>	<b>(2.98 - 3.88%)</b>	<b>145/ 159</b>	<b>4.61%</b>	<b>(4.25 - 5.01%)</b>
Wine boxes	0.00%	(0.00 - 0.00%)	0/ 159	0.00%	(0.00 - 0.01%)
Cardboard/brown bags 1 foot or larger	3.13%	(2.69 - 3.60%)	138/ 159	4.27%	(3.91 - 4.65%)
Cardboard/brown bags less than 1 foot	0.29%	(0.24 - 0.35%)	77/ 159	0.34%	(0.31 - 0.38%)
Waxed corrugated cardboard	0.09%	(0.03 - 0.15%)	7/ 159	0.62%	(0.33 - 0.98%)
Low grade unbleached paper	1.89%	(1.57 - 2.25%)	127/ 159	1.73%	(1.54 - 1.92%)
<b>Polycoats +bleached drink boxes</b>	<b>0.55%</b>	<b>(0.40 - 0.74%)</b>	<b>104/ 159</b>	<b>0.53%</b>	<b>(0.44 - 0.63%)</b>
Polycoated paper excluding cups	0.45%	(0.31 - 0.64%)	95/ 159	0.36%	(0.30 - 0.43%)
<b>Milk cartons/Drink boxes</b>	<b>0.10%</b>	<b>(0.07 - 0.14%)</b>	<b>69/ 159</b>	<b>0.17%</b>	<b>(0.11 - 0.24%)</b>
Gable top (milk) cartons	0.10%	(0.06 - 0.13%)	64/ 159	0.16%	(0.10 - 0.23%)
Aseptic drink boxes	0.01%	(0.00 - 0.01%)	20/ 159	0.01%	(0.01 - 0.01%)
Non-compostable, non-recyclable paper	1.42%	(1.05 - 1.84%)	117/ 159	1.41%	(1.21 - 1.65%)
<b>Other (Non-packaging) Paper</b>	<b>11.09%</b>	<b>(10.22 - 11.88%)</b>	<b>138/ 159</b>	<b>10.74%</b>	<b>(10.12 - 11.32%)</b>
Hi grade paper	0.93%	(0.70 - 1.19%)	111/ 159	1.19%	(1.02 - 1.38%)
Newspaper	1.65%	(1.44 - 1.87%)	117/ 159	1.73%	(1.56 - 1.91%)
Magazines	1.00%	(0.79 - 1.25%)	91/ 159	1.01%	(0.83 - 1.21%)
Low grade bleached paper	2.91%	(2.62 - 3.23%)	126/ 159	2.64%	(2.39 - 2.92%)
Hardcover books	0.32%	(0.14 - 0.54%)	13/ 159	0.21%	(0.12 - 0.32%)
Other compostable nonrecyclable paper	4.27%	(3.87 - 4.68%)	126/ 159	3.95%	(3.65 - 4.25%)
<i>Low-grade paper combined</i>	5.23%	(4.67 - 5.78%)	136/ 159	4.75%	(4.40 - 5.12%)
<i>Non-recyclable paper combined</i>	6.23%	(5.60 - 6.85%)	133/ 159	6.35%	(5.92 - 6.83%)
<i>All recyclable paper</i>	12.22%	(11.23 - 13.18%)	149/ 159	13.29%	(12.67 - 13.95%)
<b>TOTAL PLASTIC</b>	<b>12.02%</b>	<b>(11.09 - 13.17%)</b>	<b>151/ 159</b>	<b>11.24%</b>	<b>(10.68 - 11.85%)</b>
<b>Plastic Packaging</b>	<b>6.72%</b>	<b>(6.16 - 7.32%)</b>	<b>148/ 159</b>	<b>5.71%</b>	<b>(5.45 - 5.98%)</b>
<b>Rigid Plastic Containers (RPCs)</b>	<b>2.14%</b>	<b>(1.96 - 2.34%)</b>	<b>141/ 159</b>	<b>1.76%</b>	<b>(1.65 - 1.86%)</b>
Deposit plastic bottles	0.08%	(0.07 - 0.09%)	96/ 159	0.08%	(0.07 - 0.09%)
No-deposit plastic beverage bottles	0.47%	(0.41 - 0.53%)	130/ 159	0.41%	(0.38 - 0.45%)
Other plastic bottles	0.58%	(0.52 - 0.65%)	117/ 159	0.40%	(0.37 - 0.43%)
Plastic tubs, pails #2 & #5 8 oz to 5 gallons	0.43%	(0.32 - 0.55%)	108/ 159	0.38%	(0.33 - 0.43%)
Other rigid plastic containers - tubs, trays, etc.	0.58%	(0.51 - 0.66%)	131/ 159	0.49%	(0.43 - 0.56%)
<b>Other plastic packaging</b>	<b>4.57%</b>	<b>(4.12 - 5.10%)</b>	<b>146/ 159</b>	<b>3.95%</b>	<b>(3.73 - 4.16%)</b>
<b>Other rigid plastic packaging</b>	<b>1.10%</b>	<b>(0.98 - 1.25%)</b>	<b>134/ 159</b>	<b>1.02%</b>	<b>(0.94 - 1.09%)</b>
Very small, very large plastic bev. bottles	0.04%	(0.01 - 0.11%)	24/ 159	0.01%	(0.01 - 0.02%)
PVC rigid plastic packaging	0.05%	(0.03 - 0.08%)	49/ 159	0.07%	(0.05 - 0.08%)
Misc. other rigid plastic packaging	1.01%	(0.89 - 1.14%)	133/ 159	0.94%	(0.87 - 1.01%)
<i>Plastic film packaging - estimated</i>	3.47%	(3.04 - 3.97%)	145/ 159	2.93%	(2.75 - 3.12%)
Plastic Products	5.30%	(4.74 - 6.01%)	150/ 159	5.53%	(5.08 - 6.02%)
<b>Rigid plastic products</b>	<b>3.43%</b>	<b>(2.92 - 4.13%)</b>	<b>141/ 159</b>	<b>3.95%</b>	<b>(3.52 - 4.41%)</b>
PVC products (pipe, windows, toys, etc)	0.36%	(0.22 - 0.52%)	42/ 159	0.48%	(0.34 - 0.62%)
Other rigid plastic products	2.23%	(1.75 - 2.87%)	139/ 159	2.33%	(2.03 - 2.69%)
Mixed materials/PVC	0.22%	(0.15 - 0.31%)	70/ 159	0.35%	(0.26 - 0.45%)
Mixed plastic / materials	0.62%	(0.46 - 0.82%)	107/ 159	0.80%	(0.64 - 0.99%)
<i>Plastic film products - estimated</i>	1.87%	(1.64 - 2.14%)	145/ 159	1.58%	(1.48 - 1.68%)
<b>Plastic film - combined</b>	<b>5.34%</b>	<b>(4.68 - 6.11%)</b>	<b>145/ 159</b>	<b>4.51%</b>	<b>(4.23 - 4.79%)</b>
Plastic film - recyclable	0.76%	(0.50 - 1.07%)	112/ 159	0.99%	(0.84 - 1.13%)
<b>Plastic film - non-recyclable</b>	<b>4.58%</b>	<b>(3.98 - 5.26%)</b>	<b>142/ 159</b>	<b>3.52%</b>	<b>(3.29 - 3.77%)</b>
Plastic beverage pouches	0.01%	(0.01 - 0.01%)	47/ 159	0.01%	(0.01 - 0.01%)
Plastic PVC film	0.11%	(0.06 - 0.16%)	52/ 159	0.16%	(0.07 - 0.28%)
Plastic film- other nonrecyclable	4.46%	(3.87 - 5.16%)	142/ 159	3.35%	(3.13 - 3.58%)

**Continued Table Marion4: Marion County and All Oregon**  
**2005 Field Data Only** (page 2 of 4)

Material	Marion County Percent	(90% Conf. Int.) Marion	Marion Present/Samples	Overall Oregon Percent	(90% Conf. Int.) All Oregon
<i>All PVC-containing items</i>	0.74%	(0.58 - 0.92%)	117/ 159	1.05%	(0.81 - 1.30%)
<i>Plastic beverage containers</i>	0.60%	(0.52 - 0.69%)	134/ 159	0.51%	(0.47 - 0.55%)
<i>All recyclable plastic</i>	2.95%	(2.64 - 3.30%)	144/ 159	2.76%	(2.58 - 2.92%)
<i>All plastic bottles</i>	1.17%	(1.07 - 1.29%)	138/ 159	0.90%	(0.85 - 0.96%)
<i>All plastic tubs</i>	1.01%	(0.88 - 1.15%)	136/ 159	0.87%	(0.78 - 0.95%)
<i>Plastic acceptable in curbside programs</i>	2.18%	(2.00 - 2.39%)	142/ 159	1.77%	(1.66 - 1.88%)
<b>OTHER ORGANICS</b>	<b>46.86%</b>	<b>(44.05 - 49.67%)</b>	<b>155/ 159</b>	<b>47.96%</b>	<b>(46.65 - 49.38%)</b>
<b>Yard Debris</b>	<b>3.56%</b>	<b>(2.46 - 4.66%)</b>	<b>93/ 159</b>	<b>4.30%</b>	<b>(3.58 - 5.13%)</b>
<b>Leaves and grass</b>	<b>3.10%</b>	<b>(2.09 - 4.10%)</b>	<b>72/ 159</b>	<b>3.09%</b>	<b>(2.48 - 3.72%)</b>
Grass clippings	0.86%	(0.36 - 1.38%)	14/ 159	0.93%	(0.65 - 1.23%)
Leaves / weeds	2.24%	(1.42 - 3.06%)	66/ 159	2.16%	(1.67 - 2.69%)
<b>All woody</b>	<b>0.46%</b>	<b>(0.27 - 0.70%)</b>	<b>41/ 159</b>	<b>1.21%</b>	<b>(0.87 - 1.65%)</b>
Small prunings under 2"	0.41%	(0.21 - 0.65%)	39/ 159	0.83%	(0.57 - 1.12%)
<b>Prunings and stumps</b>	<b>0.05%</b>	<b>(0.01 - 0.11%)</b>	<b>4/ 159</b>	<b>0.39%</b>	<b>(0.22 - 0.59%)</b>
Large prunings over 2"	0.04%	(0.01 - 0.10%)	3/ 159	0.29%	(0.14 - 0.47%)
Stumps	0.01%	(0.00 - 0.03%)	1/ 159	0.10%	(0.01 - 0.22%)
<b>All Wood</b>	<b>7.37%</b>	<b>(6.35 - 8.48%)</b>	<b>128/ 159</b>	<b>13.57%</b>	<b>(12.36 - 14.83%)</b>
<b>Clean lumber &amp; hogged fuel</b>	<b>4.39%</b>	<b>(3.61 - 5.22%)</b>	<b>102/ 159</b>	<b>6.38%</b>	<b>(5.51 - 7.28%)</b>
<b>Unpainted lumber</b>	<b>2.67%</b>	<b>(2.10 - 3.29%)</b>	<b>90/ 159</b>	<b>4.59%</b>	<b>(3.88 - 5.29%)</b>
Reusable dimensional lumber: unpainted	0.42%	(0.20 - 0.65%)	11/ 159	1.01%	(0.71 - 1.33%)
Other untreated lumber one foot or larger	1.64%	(1.16 - 2.14%)	61/ 159	3.04%	(2.49 - 3.60%)
Other untreated lumber less than 1 foot	0.62%	(0.45 - 0.81%)	62/ 159	0.55%	(0.37 - 0.73%)
<b>Hogged fuel</b>	<b>1.72%</b>	<b>(1.23 - 2.31%)</b>	<b>59/ 159</b>	<b>1.79%</b>	<b>(1.42 - 2.19%)</b>
Clean hogfuel lumber one foot or larger	1.42%	(0.94 - 2.01%)	43/ 159	1.65%	(1.27 - 2.04%)
Clean hogfuel lumber less than one foot	0.30%	(0.21 - 0.38%)	36/ 159	0.14%	(0.11 - 0.17%)
<b>Painted &amp; treated lumber</b>	<b>0.72%</b>	<b>(0.51 - 0.96%)</b>	<b>48/ 159</b>	<b>2.45%</b>	<b>(2.04 - 2.92%)</b>
<b>Painted lumber</b>	<b>0.68%</b>	<b>(0.47 - 0.91%)</b>	<b>47/ 159</b>	<b>2.16%</b>	<b>(1.77 - 2.63%)</b>
Reusable dimensional lumber: painted	0.05%	(0.00 - 0.09%)	1/ 159	0.20%	(0.09 - 0.33%)
Other painted lumber one foot or larger	0.51%	(0.33 - 0.70%)	39/ 159	1.83%	(1.45 - 2.25%)
Other painted lumber less than 1 foot	0.12%	(0.07 - 0.18%)	21/ 159	0.13%	(0.09 - 0.17%)
Chemically-treated lumber	0.04%	(0.02 - 0.07%)	8/ 159	0.29%	(0.18 - 0.40%)
Wood pallets and crates	0.60%	(0.16 - 1.23%)	11/ 159	1.64%	(1.23 - 2.08%)
Wood furniture	0.79%	(0.53 - 1.10%)	23/ 159	1.59%	(1.14 - 2.08%)
Other wood products	0.28%	(0.15 - 0.42%)	78/ 159	0.23%	(0.19 - 0.28%)
Mixed wood / materials	0.58%	(0.32 - 0.90%)	25/ 159	1.28%	(0.91 - 1.71%)
Food	20.54%	(18.71 - 22.42%)	129/ 159	14.92%	(14.02 - 15.87%)
Tires	0.18%	(0.05 - 0.35%)	7/ 159	0.09%	(0.03 - 0.15%)
Other rubber products	0.37%	(0.18 - 0.60%)	82/ 159	0.57%	(0.40 - 0.75%)
Disposable diapers	2.61%	(2.06 - 3.25%)	99/ 159	1.85%	(1.59 - 2.13%)
Carpet / rugs	1.98%	(1.18 - 2.84%)	42/ 159	2.62%	(2.05 - 3.26%)
<b>Textiles &amp; mixed</b>	<b>3.69%</b>	<b>(3.18 - 4.22%)</b>	<b>132/ 159</b>	<b>3.74%</b>	<b>(3.27 - 4.22%)</b>
Other textiles	2.52%	(2.14 - 2.90%)	129/ 159	2.60%	(2.21 - 3.01%)
Mixed textile / material	1.17%	(0.90 - 1.53%)	97/ 159	1.14%	(0.95 - 1.35%)
<b>Asphalt roofing &amp; tarpaper</b>	<b>4.28%</b>	<b>(2.56 - 6.10%)</b>	<b>35/ 159</b>	<b>2.76%</b>	<b>(2.03 - 3.52%)</b>
Asphalt roofing - recyclable	4.20%	(2.50 - 6.03%)	34/ 159	2.37%	(1.71 - 3.09%)
Asphalt roofing - nonrecyclable	0.07%	(0.00 - 0.17%)	2/ 159	0.39%	(0.09 - 0.76%)
Furniture (mixed material)	0.99%	(0.46 - 1.63%)	12/ 159	1.54%	(1.07 - 2.12%)
<b>Other miscellaneous organics</b>	<b>1.28%</b>	<b>(0.84 - 1.84%)</b>	<b>108/ 159</b>	<b>2.00%</b>	<b>(1.52 - 2.52%)</b>
Paper composite ceiling tiles	0.26%	(0.02 - 0.70%)	11/ 159	0.25%	(0.04 - 0.60%)
Compostable other organics	0.30%	(0.10 - 0.55%)	10/ 159	0.84%	(0.51 - 1.19%)
Non-compostable other organics	0.72%	(0.50 - 0.97%)	98/ 159	0.91%	(0.71 - 1.15%)



**Continued Table Marion4: Marion County and All Oregon**  
**2005 Field Data Only** (page 3 of 4)

Material	Marion County Percent	(90% Conf. Int.) Marion	Marion Present/ Samples	Overall Oregon Percent	(90% Conf. Int.) All Oregon
<b>GLASS</b>	<b>1.64%</b>	<b>(1.41 - 1.88%)</b>	<b>114/ 159</b>	<b>1.57%</b>	<b>(1.43 - 1.73%)</b>
Deposit Beverage Glass	0.23%	(0.17 - 0.30%)	55/ 159	0.24%	(0.20 - 0.29%)
<b>Other Container Glass</b>	<b>0.87%</b>	<b>(0.70 - 1.02%)</b>	<b>93/ 159</b>	<b>0.87%</b>	<b>(0.79 - 0.95%)</b>
Other clear beverage bottles	0.30%	(0.22 - 0.38%)	68/ 159	0.29%	(0.25 - 0.33%)
Other colored beverage bottles	0.22%	(0.16 - 0.29%)	40/ 159	0.23%	(0.19 - 0.27%)
Clear container glass	0.32%	(0.25 - 0.38%)	67/ 159	0.32%	(0.27 - 0.37%)
Colored container glass	0.03%	(0.01 - 0.04%)	13/ 159	0.03%	(0.02 - 0.04%)
<b>Window and Other Glass</b>	<b>0.54%</b>	<b>(0.38 - 0.75%)</b>	<b>70/ 159</b>	<b>0.46%</b>	<b>(0.37 - 0.58%)</b>
Flat window glass	0.09%	(0.04 - 0.15%)	20/ 159	0.18%	(0.11 - 0.27%)
Total fluorescents	0.01%	(0.00 - 0.01%)	8/ 159	0.01%	(0.01 - 0.02%)
Fluorescent tubes	0.00%	(0.00 - 0.01%)	3/ 159	0.01%	(0.01 - 0.02%)
Compact fluorescent lights	0.00%	(0.00 - 0.01%)	5/ 159	0.00%	(0.00 - 0.01%)
Other nonrecyclable glass	0.45%	(0.28 - 0.67%)	58/ 159	0.26%	(0.22 - 0.32%)
<i>Beverage bottles</i>	<i>0.75%</i>	<i>(0.60 - 0.90%)</i>	<i>95/ 159</i>	<i>0.76%</i>	<i>(0.68 - 0.85%)</i>
<b>METAL</b>	<b>7.03%</b>	<b>(6.20 - 7.90%)</b>	<b>148/ 159</b>	<b>7.68%</b>	<b>(7.04 - 8.40%)</b>
<b>Aluminum</b>	<b>0.52%</b>	<b>(0.41 - 0.65%)</b>	<b>124/ 159</b>	<b>0.45%</b>	<b>(0.40 - 0.52%)</b>
<b>Aluminum beverage cans</b>	<b>0.12%</b>	<b>(0.10 - 0.13%)</b>	<b>115/ 159</b>	<b>0.13%</b>	<b>(0.11 - 0.15%)</b>
Deposit aluminum beverage cans	0.11%	(0.09 - 0.12%)	112/ 159	0.11%	(0.10 - 0.12%)
Other Aluminum beverage cans	0.01%	(0.01 - 0.01%)	53/ 159	0.02%	(0.02 - 0.03%)
Aluminum foil / food trays	0.20%	(0.14 - 0.29%)	100/ 159	0.13%	(0.11 - 0.14%)
<b>Other aluminum</b>	<b>0.20%</b>	<b>(0.14 - 0.28%)</b>	<b>39/ 159</b>	<b>0.19%</b>	<b>(0.14 - 0.25%)</b>
Other Aluminum 8 inches or larger	0.18%	(0.11 - 0.25%)	34/ 159	0.18%	(0.13 - 0.23%)
Other Aluminum smaller than 8 inches	0.03%	(0.01 - 0.05%)	8/ 159	0.02%	(0.01 - 0.02%)
<b>Other nonferrous metal</b>	<b>0.38%</b>	<b>(0.27 - 0.51%)</b>	<b>48/ 159</b>	<b>0.30%</b>	<b>(0.22 - 0.38%)</b>
Other nonferrous metal 8 inches or larger	0.34%	(0.24 - 0.46%)	36/ 159	0.27%	(0.20 - 0.35%)
Other nonferrous metal smaller than 8 inches	0.04%	(0.02 - 0.06%)	20/ 159	0.02%	(0.02 - 0.03%)
Steel (tinned) cans	0.97%	(0.84 - 1.11%)	120/ 159	0.67%	(0.61 - 0.74%)
Steel beverage cans	0.02%	(0.01 - 0.03%)	23/ 159	0.01%	(0.01 - 0.02%)
Other steel cans	0.94%	(0.82 - 1.08%)	119/ 159	0.66%	(0.60 - 0.72%)
White goods	0.15%	(0.00 - 0.40%)	2/ 159	0.14%	(0.03 - 0.25%)
Used oil filters	0.07%	(0.03 - 0.13%)	13/ 159	0.06%	(0.03 - 0.10%)
Empty aerosol cans	0.14%	(0.10 - 0.18%)	73/ 159	0.07%	(0.06 - 0.08%)
<b>Other ferrous metal</b>	<b>2.45%</b>	<b>(1.87 - 3.06%)</b>	<b>107/ 159</b>	<b>3.04%</b>	<b>(2.64 - 3.51%)</b>
Other ferrous metal 8 inches or larger	2.14%	(1.56 - 2.77%)	88/ 159	2.60%	(2.25 - 2.96%)
Other ferrous metal smaller than 8 inches	0.31%	(0.22 - 0.40%)	70/ 159	0.43%	(0.26 - 0.68%)
<b>Mixed ferrous/non-ferrous</b>	<b>0.15%</b>	<b>(0.07 - 0.26%)</b>	<b>19/ 159</b>	<b>0.11%</b>	<b>(0.07 - 0.16%)</b>
Mixed ferrous - non-ferrous 8 inches or larger	0.12%	(0.04 - 0.22%)	9/ 159	0.09%	(0.05 - 0.14%)
Mixed ferrous - non-ferrous smaller than 8"	0.04%	(0.02 - 0.06%)	12/ 159	0.02%	(0.01 - 0.04%)
Mixed Metal / Material	0.76%	(0.47 - 1.12%)	57/ 159	0.86%	(0.71 - 1.02%)
<b>Computers, brown goods, small appliances</b>	<b>1.45%</b>	<b>(0.95 - 1.98%)</b>	<b>56/ 159</b>	<b>1.98%</b>	<b>(1.59 - 2.44%)</b>
<b>Computers &amp; monitors</b>	<b>0.27%</b>	<b>(0.13 - 0.42%)</b>	<b>15/ 159</b>	<b>0.67%</b>	<b>(0.41 - 0.98%)</b>
Computers excluding monitors	0.27%	(0.13 - 0.42%)	15/ 159	0.30%	(0.17 - 0.47%)
Computer monitor CRTs	0.00%	(0.00 - 0.00%)	0/ 159	0.37%	(0.19 - 0.57%)
<b>TVs, other CRTs, brown goods</b>	<b>0.49%</b>	<b>(0.23 - 0.78%)</b>	<b>24/ 159</b>	<b>0.76%</b>	<b>(0.55 - 1.00%)</b>
TVs / Other CRTs	0.07%	(0.00 - 0.20%)	1/ 159	0.17%	(0.06 - 0.31%)
Other Brown Goods	0.42%	(0.19 - 0.72%)	23/ 159	0.59%	(0.43 - 0.79%)
Small Appliances-non electronic	0.69%	(0.31 - 1.13%)	26/ 159	0.55%	(0.43 - 0.69%)
<i>Total ferrous</i>	<i>3.85%</i>	<i>(3.24 - 4.50%)</i>	<i>139/ 159</i>	<i>4.03%</i>	<i>(3.62 - 4.52%)</i>
<i>Total non-ferrous</i>	<i>0.98%</i>	<i>(0.84 - 1.15%)</i>	<i>128/ 159</i>	<i>0.81%</i>	<i>(0.71 - 0.91%)</i>
<i>Recyclable scrap metal excl. electronics, sm. appl</i>	<i>4.82%</i>	<i>(4.19 - 5.48%)</i>	<i>145/ 159</i>	<i>4.84%</i>	<i>(4.41 - 5.31%)</i>

**Continued Table Marion4: Marion County and All Oregon**  
**2005 Field Data Only** (page 4 of 4)

<b>Material</b>	<b>Marion County Percent</b>	<b>(90% Conf. Int.) Marion</b>	<b>Marion Present/Samples</b>	<b>Overall Oregon Percent</b>	<b>(90% Conf. Int.) All Oregon</b>
<b>OTHER INORGANICS</b>	<b>12.91%</b>	<b>(10.73 - 15.15%)</b>	<b>114/ 159</b>	<b>11.43%</b>	<b>(10.27 - 12.65%)</b>
<b>Rock, concrete,brick</b>	<b>2.71%</b>	<b>(1.51 - 4.05%)</b>	<b>35/ 159</b>	<b>2.33%</b>	<b>(1.69 - 2.98%)</b>
<b>Rock, concrete</b>	<b>2.59%</b>	<b>(1.39 - 3.93%)</b>	<b>30/ 159</b>	<b>2.08%</b>	<b>(1.51 - 2.69%)</b>
Rock / concrete - 1/2 brick size or larger	2.28%	(1.12 - 3.55%)	17/ 159	1.69%	(1.14 - 2.29%)
Rock / concrete - smaller than 1/2 brick	0.31%	(0.17 - 0.48%)	21/ 159	0.39%	(0.26 - 0.53%)
<b>Brick</b>	<b>0.11%</b>	<b>(0.04 - 0.21%)</b>	<b>7/ 159</b>	<b>0.25%</b>	<b>(0.07 - 0.42%)</b>
Brick - 1/2 brick size or larger	0.04%	(0.01 - 0.08%)	4/ 159	0.11%	(0.03 - 0.21%)
Brick - smaller than 1/2 brick	0.07%	(0.02 - 0.14%)	4/ 159	0.14%	(0.01 - 0.27%)
Soil / sand / dirt	1.68%	(0.92 - 2.57%)	31/ 159	0.99%	(0.73 - 1.28%)
Pet litter / animal feces	2.08%	(1.46 - 2.77%)	59/ 159	2.00%	(1.63 - 2.42%)
<i>Rock brick dirt</i>	<i>4.39%</i>	<i>(2.87 - 6.12%)</i>	<i>57/ 159</i>	<i>3.32%</i>	<i>(2.67 - 4.03%)</i>
<i>rock dirt litter</i>	<i>6.47%</i>	<i>(4.78 - 8.34%)</i>	<i>87/ 159</i>	<i>5.33%</i>	<i>(4.55 - 6.18%)</i>
<b>Gypsum wallboard</b>	<b>4.55%</b>	<b>(3.07 - 6.28%)</b>	<b>35/ 159</b>	<b>3.81%</b>	<b>(3.05 - 4.53%)</b>
Gypsum wallboard NEW	2.42%	(0.99 - 4.04%)	9/ 159	1.38%	(0.83 - 1.93%)
Gypsum wallboard OLD	2.13%	(1.55 - 2.82%)	26/ 159	2.43%	(1.90 - 2.98%)
Fiberglass Insulation	0.19%	(0.08 - 0.31%)	19/ 159	0.42%	(0.28 - 0.56%)
Other miscellaneous inorganics	1.70%	(1.21 - 2.32%)	80/ 159	1.88%	(1.44 - 2.38%)
<b>"MEDICAL WASTES"</b>	<b>0.48%</b>	<b>(0.10 - 0.98%)</b>	<b>20/ 159</b>	<b>0.09%</b>	<b>(0.05 - 0.14%)</b>
<b>HAZARDOUS MATERIALS</b>	<b>0.61%</b>	<b>(0.36 - 0.92%)</b>	<b>74/ 159</b>	<b>0.39%</b>	<b>(0.31 - 0.48%)</b>
Lead-acid batteries	0.01%	(0.00 - 0.04%)	2/ 159	0.00%	(0.00 - 0.00%)
Dry-cell batteries	0.05%	(0.03 - 0.07%)	47/ 159	0.07%	(0.05 - 0.10%)
Latex paint	0.26%	(0.04 - 0.52%)	8/ 159	0.09%	(0.03 - 0.16%)
Oil paints	0.05%	(0.01 - 0.10%)	3/ 159	0.02%	(0.01 - 0.03%)
Motor oil	0.01%	(0.00 - 0.02%)	6/ 159	0.04%	(0.02 - 0.06%)
Other flammables	0.09%	(0.06 - 0.13%)	35/ 159	0.04%	(0.03 - 0.06%)
Pesticides / herbicides	0.05%	(0.00 - 0.13%)	4/ 159	0.02%	(0.01 - 0.04%)
Corrosive cleaners	0.01%	(0.01 - 0.02%)	6/ 159	0.03%	(0.01 - 0.04%)
Ammunition and fireworks	0.00%	(0.00 - 0.00%)	1/ 159	0.00%	(0.00 - 0.00%)
Compressed gas cylinders	0.07%	(0.00 - 0.18%)	5/ 159	0.04%	(0.01 - 0.07%)
Other hazardous chemicals	0.02%	(0.00 - 0.03%)	12/ 159	0.04%	(0.02 - 0.07%)
Unknown hazardous chemicals	0.00%	(0.00 - 0.00%)	1/ 159	0.01%	(0.00 - 0.01%)
<b>Total packaging</b>	<b>18.12%</b>	<b>(16.77 - 19.54%)</b>	<b>152/ 159</b>	<b>19.55%</b>	<b>(18.70 - 20.42%)</b>
<b>total products</b>	<b>49.72%</b>	<b>(47.22 - 52.18%)</b>	<b>159/ 159</b>	<b>54.27%</b>	<b>(52.82 - 55.72%)</b>
<b>total non-manufactured</b>	<b>32.16%</b>	<b>(29.66 - 34.71%)</b>	<b>145/ 159</b>	<b>26.18%</b>	<b>(24.95 - 27.50%)</b>
<b>total organic</b>	<b>78.29%</b>	<b>(75.98 - 80.47%)</b>	<b>158/ 159</b>	<b>79.17%</b>	<b>(77.97 - 80.45%)</b>
<b>total non-organic</b>	<b>21.71%</b>	<b>(19.53 - 24.02%)</b>	<b>153/ 159</b>	<b>20.83%</b>	<b>(19.55 - 22.03%)</b>
<b>compostable</b>	<b>52.08%</b>	<b>(50.35 - 53.91%)</b>	<b>153/ 159</b>	<b>51.82%</b>	<b>(50.40 - 53.28%)</b>
<b>compostable-target</b>	<b>32.83%</b>	<b>(30.77 - 34.91%)</b>	<b>146/ 159</b>	<b>32.45%</b>	<b>(31.08 - 33.88%)</b>
<b>curbside recyclables</b>	<b>19.69%</b>	<b>(18.25 - 21.10%)</b>	<b>153/ 159</b>	<b>20.47%</b>	<b>(19.65 - 21.30%)</b>
<b>Recoverable</b>	<b>68.71%</b>	<b>(66.37 - 70.92%)</b>	<b>159/ 159</b>	<b>68.93%</b>	<b>(67.63 - 70.21%)</b>
<b>Recyclable &amp; Energy</b>	<b>39.94%</b>	<b>(37.60 - 42.09%)</b>	<b>158/ 159</b>	<b>44.30%</b>	<b>(42.81 - 45.72%)</b>
<b>Compostable but not recyclable</b>	<b>28.76%</b>	<b>(26.76 - 30.68%)</b>	<b>139/ 159</b>	<b>24.64%</b>	<b>(23.37 - 25.89%)</b>
<b>Not recoverable</b>	<b>31.29%</b>	<b>(29.08 - 33.63%)</b>	<b>156/ 159</b>	<b>31.07%</b>	<b>(29.79 - 32.37%)</b>
<i>Supermix &amp; fines</i>	<i>0.47%</i>	<i>(0.11 - 0.87%)</i>	<i>3/ 159</i>	<i>0.17%</i>	<i>(0.11 - 0.24%)</i>

**Table Marion5: Marion County Waste Composition 2005:**  
**Field Data and Contamination Correction** (page 1 of 2)

Material	Field Data Percent	Field Data (90% Conf. Int.)	Percent (contam. corrected)	90% Conf. Interval (contamination corrected)	Contam. Correction Factor	90% Conf. Interval Contamination Correction Factor
<b>TOTAL PAPER</b>	<b>18.45%</b>	<b>(17.09 - 19.65%)</b>	<b>14.78%</b>	<b>(13.53 - 15.97%)</b>	<b>-19.88%</b>	<b>(-22.65 to -17.06%)</b>
<b>Packaging Paper</b>	<b>7.36%</b>	<b>(6.55 - 8.18%)</b>	<b>6.45%</b>	<b>(5.68 - 7.22%)</b>	<b>-12.44%</b>	<b>(-17.30 to -8.55%)</b>
Cardboard	3.41%	(2.98 - 3.88%)	3.05%	(2.61 - 3.51%)	-10.59%	(-16.48 to -5.90%)
Waxed corrugated cardboard	0.09%	(0.03 - 0.15%)	0.11%	(0.04 - 0.19%)	17.90%	(-3.86 to 54.61%)
Low grade unbleached paper	1.89%	(1.57 - 2.25%)	1.46%	(1.16 - 1.80%)	-22.88%	(-30.94 to -14.01%)
Polycoats +bleached drink boxes	0.55%	(0.40 - 0.74%)	0.43%	(0.31 - 0.57%)	-22.98%	(-29.94 to -15.99%)
Non-compostable, non-recyc. paper	1.42%	(1.05 - 1.84%)	1.41%	(1.01 - 1.84%)	-0.84%	(-12.24 to 4.49%)
<b>Other (Non-packaging) Paper</b>	<b>11.09%</b>	<b>(10.22 - 11.88%)</b>	<b>8.33%</b>	<b>(7.67 - 9.11%)</b>	<b>-24.82%</b>	<b>(-26.92 to -22.16%)</b>
Hi grade paper	0.93%	(0.70 - 1.19%)	1.00%	(0.75 - 1.28%)	7.35%	(2.86 to 11.13%)
Newspaper	1.65%	(1.44 - 1.87%)	1.40%	(1.09 - 1.85%)	-14.79%	(-30.71 to 10.00%)
Magazines	1.00%	(0.79 - 1.25%)	0.78%	(0.45 - 1.07%)	-21.78%	(-54.10 to -2.91%)
Low grade bleached paper	2.91%	(2.62 - 3.23%)	2.31%	(2.05 - 2.61%)	-20.63%	(-25.05 to -15.49%)
Hardcover books	0.32%	(0.14 - 0.54%)	0.32%	(0.14 - 0.53%)	-0.83%	(-1.30 to -0.06%)
Other compostable nonrecyc. paper	4.27%	(3.87 - 4.68%)	2.52%	(2.26 - 2.80%)	-41.07%	(-43.30 to -37.94%)
<i>Low-grade paper combined</i>	<i>5.23%</i>	<i>(4.67 - 5.78%)</i>	<i>4.17%</i>	<i>(3.69 - 4.69%)</i>	<i>-20.24%</i>	<i>(-24.30 to -15.50%)</i>
<i>Non-recyclable paper combined</i>	<i>6.23%</i>	<i>(5.60 - 6.85%)</i>	<i>4.38%</i>	<i>(3.86 - 4.91%)</i>	<i>-29.76%</i>	<i>(-33.53 to -26.36%)</i>
<i>All recyclable paper</i>	<i>12.22%</i>	<i>(11.23 - 13.18%)</i>	<i>10.41%</i>	<i>(9.47 - 11.38%)</i>	<i>-14.84%</i>	<i>(-18.15 to -11.18%)</i>
<b>TOTAL PLASTIC</b>	<b>12.02%</b>	<b>(11.09 - 13.17%)</b>	<b>9.64%</b>	<b>(8.69 - 10.72%)</b>	<b>-19.80%</b>	<b>(-23.84 to -15.66%)</b>
<b>Plastic Packaging</b>	<b>6.72%</b>	<b>(6.16 - 7.32%)</b>	<b>4.86%</b>	<b>(4.36 - 5.40%)</b>	<b>-27.61%</b>	<b>(-32.19 to -22.43%)</b>
Rigid Plastic Containers (RPCs)	2.14%	(1.96 - 2.34%)	1.73%	(1.58 - 1.89%)	-19.33%	(-21.58 to -16.91%)
<b>Other plastic packaging</b>	<b>4.57%</b>	<b>(4.12 - 5.10%)</b>	<b>3.13%</b>	<b>(2.68 - 3.62%)</b>	<b>-31.49%</b>	<b>(-38.08 to -24.07%)</b>
Other rigid plastic packaging	1.10%	(0.98 - 1.25%)	0.78%	(0.64 - 0.95%)	-29.06%	(-38.85 to -16.76%)
<i>Plastic film packaging - estimated</i>	<i>3.47%</i>	<i>(3.04 - 3.97%)</i>	<i>2.35%</i>	<i>(1.95 - 2.76%)</i>	<i>-32.26%</i>	<i>(-39.56 to -24.69%)</i>
<b>Plastic Products</b>	<b>5.30%</b>	<b>(4.74 - 6.01%)</b>	<b>4.78%</b>	<b>(4.19 - 5.51%)</b>	<b>-9.90%</b>	<b>(-13.64 to -6.52%)</b>
Rigid plastic products	3.43%	(2.92 - 4.13%)	3.51%	(2.97 - 4.21%)	2.26%	(0.35 to 3.90%)
<i>Plastic film products - estimated</i>	<i>1.87%</i>	<i>(1.64 - 2.14%)</i>	<i>1.27%</i>	<i>(1.05 - 1.49%)</i>	<i>-32.21%</i>	<i>(-39.50 to -24.64%)</i>
<b>Plastic film - combined</b>	<b>5.34%</b>	<b>(4.68 - 6.11%)</b>	<b>3.62%</b>	<b>(3.01 - 4.25%)</b>	<b>-32.24%</b>	<b>(-39.54 to -24.68%)</b>
Plastic film - recyclable	0.76%	(0.50 - 1.07%)	0.76%	(0.49 - 1.05%)	-1.12%	(-8.18 to 1.48%)
Plastic film - non-recyclable	4.58%	(3.98 - 5.26%)	2.86%	(2.34 - 3.43%)	-37.45%	(-45.03 to -28.92%)
<i>All PVC-containing items</i>	<i>0.74%</i>	<i>(0.58 - 0.92%)</i>	<i>0.76%</i>	<i>(0.59 - 0.93%)</i>	<i>2.46%</i>	<i>(-1.43 to 5.14%)</i>
<b>OTHER ORGANICS</b>	<b>46.86%</b>	<b>(44.05 - 49.67%)</b>	<b>47.32%</b>	<b>(44.48 - 50.16%)</b>	<b>0.97%</b>	<b>(-0.13 to 1.70%)</b>
<b>Yard Debris</b>	<b>3.56%</b>	<b>(2.46 - 4.66%)</b>	<b>3.62%</b>	<b>(2.52 - 4.75%)</b>	<b>1.68%</b>	<b>(0.59 to 3.65%)</b>
Leaves and grass	3.10%	(2.09 - 4.10%)	3.15%	(2.11 - 4.16%)	1.75%	(0.63 to 3.77%)
Small prunings under 2"	0.41%	(0.21 - 0.65%)	0.41%	(0.22 - 0.66%)	1.31%	(0.24 to 2.97%)
Large prunings over 2"	0.04%	(0.01 - 0.10%)	0.04%	(0.01 - 0.10%)	0.00%	(0.00 to 0.00%)
Stumps	0.01%	(0.00 - 0.03%)	0.01%	(0.00 - 0.03%)	0.00%	(0.00 to 0.00%)
<b>All Wood</b>	<b>7.37%</b>	<b>(6.35 - 8.48%)</b>	<b>7.19%</b>	<b>(6.17 - 8.31%)</b>	<b>-2.50%</b>	<b>(-5.68 to -0.40%)</b>
<b>Clean lumber &amp; hogged fuel</b>	<b>4.39%</b>	<b>(3.61 - 5.22%)</b>	<b>4.22%</b>	<b>(3.44 - 5.04%)</b>	<b>-4.01%</b>	<b>(-9.08 to -0.47%)</b>
Unpainted lumber	2.67%	(2.10 - 3.29%)	2.51%	(1.92 - 3.12%)	-6.18%	(-14.17 to -0.41%)
Hogged fuel	1.72%	(1.23 - 2.31%)	1.71%	(1.23 - 2.30%)	-0.63%	(-2.47 to 0.05%)
<b>Painted &amp; treated lumber</b>	<b>0.72%</b>	<b>(0.51 - 0.96%)</b>	<b>0.74%</b>	<b>(0.52 - 0.98%)</b>	<b>1.92%</b>	<b>(-0.03 to 7.29%)</b>
Painted lumber	0.68%	(0.47 - 0.91%)	0.69%	(0.48 - 0.94%)	2.05%	(-0.03 to 7.84%)
Chemically-treated lumber	0.04%	(0.02 - 0.07%)	0.04%	(0.02 - 0.07%)	0.00%	(0.00 to 0.00%)
Wood pallets and crates	0.60%	(0.16 - 1.23%)	0.60%	(0.16 - 1.23%)	0.04%	(0.00 to 0.13%)
Wood furniture	0.79%	(0.53 - 1.10%)	0.77%	(0.51 - 1.07%)	-3.18%	(-9.31 to 0.00%)
Other wood products	0.28%	(0.15 - 0.42%)	0.28%	(0.16 - 0.42%)	1.52%	(-0.71 to 4.67%)
Mixed wood / materials	0.58%	(0.32 - 0.90%)	0.58%	(0.31 - 0.89%)	-0.21%	(-1.26 to -0.01%)
Food	20.54%	(18.71 - 22.42%)	21.43%	(19.45 - 23.46%)	4.29%	(2.80 to 5.67%)
Tires	0.18%	(0.05 - 0.35%)	0.18%	(0.05 - 0.35%)	0.00%	(0.00 to 0.00%)
Other rubber products	0.37%	(0.18 - 0.60%)	0.39%	(0.19 - 0.64%)	5.38%	(1.90 to 9.46%)
Disposable diapers	2.61%	(2.06 - 3.25%)	2.61%	(2.06 - 3.25%)	0.00%	(0.00 to 0.00%)
Carpet / rugs	1.98%	(1.18 - 2.84%)	1.96%	(1.17 - 2.81%)	-0.96%	(-2.74 to -0.23%)
Other textiles	2.52%	(2.14 - 2.90%)	2.22%	(1.85 - 2.57%)	-12.03%	(-18.98 to -6.80%)
Mixed textile / material	1.17%	(0.90 - 1.53%)	1.08%	(0.84 - 1.43%)	-7.68%	(-11.80 to -3.46%)
Asphalt roofing & tarpaper	4.28%	(2.56 - 6.10%)	4.26%	(2.54 - 6.05%)	-0.35%	(-4.53 to 0.01%)
Furniture (mixed material)	0.99%	(0.46 - 1.63%)	0.99%	(0.46 - 1.63%)	0.00%	(0.00 to 0.00%)
Other miscellaneous organics	1.28%	(0.84 - 1.84%)	1.39%	(0.93 - 1.95%)	8.18%	(-0.84 to 16.96%)

**Continued TableMarion5: Field Data and Contamination Correction- All Marion** (page 2 of 2)

Material	Field Data Percent	Field Data (90% Conf. Int.)	Percent (contam. corrected)	90% Conf. Interval (contamination corrected)	Contam. Correction Factor	90% Conf. Interval Contamination Correction Factor
<b>GLASS</b>	<b>1.64%</b>	<b>(1.41 - 1.88%)</b>	<b>1.64%</b>	<b>(1.42 - 1.89%)</b>	<b>0.31%</b>	<b>(-1.59 to 3.46%)</b>
Deposit Beverage Glass	0.23%	(0.17 - 0.30%)	0.23%	(0.17 - 0.29%)	-0.78%	(-1.33 to -0.24%)
<b>Other Container Glass</b>	<b>0.87%</b>	<b>(0.70 - 1.02%)</b>	<b>0.88%</b>	<b>(0.72 - 1.05%)</b>	<b>2.24%</b>	<b>(-1.77 to 8.27%)</b>
Other clear beverage bottles	0.30%	(0.22 - 0.38%)	0.30%	(0.22 - 0.39%)	1.32%	(-2.69 to 9.33%)
Other colored beverage bottles	0.22%	(0.16 - 0.29%)	0.22%	(0.16 - 0.29%)	-0.33%	(-0.93 to 0.76%)
Clear container glass	0.32%	(0.25 - 0.38%)	0.34%	(0.26 - 0.42%)	5.60%	(-3.58 to 20.98%)
Colored container glass	0.03%	(0.01 - 0.04%)	0.02%	(0.01 - 0.04%)	-6.10%	(-9.99 to -2.67%)
<b>Window and Other Glass</b>	<b>0.54%</b>	<b>(0.38 - 0.75%)</b>	<b>0.53%</b>	<b>(0.36 - 0.73%)</b>	<b>-2.33%</b>	<b>(-7.28 to 0.27%)</b>
Flat window glass	0.09%	(0.04 - 0.15%)	0.09%	(0.04 - 0.15%)	0.17%	(-2.63 to 0.67%)
Fluorescent tubes	0.00%	(0.00 - 0.01%)	0.00%	(0.00 - 0.01%)	10.91%	(0.00 to 31.74%)
Compact fluorescent lights	0.00%	(0.00 - 0.01%)	0.00%	(0.00 - 0.00%)	-13.73%	(-33.33 to 0.00%)
Other nonrecyclable glass	0.45%	(0.28 - 0.67%)	0.43%	(0.27 - 0.64%)	-2.88%	(-8.80 to 0.34%)
<i>Beverage bottles</i>	<i>0.75%</i>	<i>(0.60 - 0.90%)</i>	<i>0.75%</i>	<i>(0.60 - 0.91%)</i>	<i>0.19%</i>	<i>(-1.51 to 3.54%)</i>
<b>METAL</b>	<b>7.03%</b>	<b>(6.20 - 7.90%)</b>	<b>6.82%</b>	<b>(5.99 - 7.69%)</b>	<b>-2.96%</b>	<b>(-4.00 to -2.12%)</b>
<b>Aluminum</b>	<b>0.52%</b>	<b>(0.41 - 0.65%)</b>	<b>0.42%</b>	<b>(0.34 - 0.53%)</b>	<b>-18.40%</b>	<b>(-25.49 to -12.88%)</b>
Aluminum beverage cans	0.12%	(0.10 - 0.13%)	0.10%	(0.09 - 0.12%)	-11.59%	(-16.27 to -6.01%)
Aluminum foil / food trays	0.20%	(0.14 - 0.29%)	0.12%	(0.08 - 0.18%)	-40.83%	(-50.57 to -30.49%)
Other aluminum	0.20%	(0.14 - 0.28%)	0.20%	(0.13 - 0.28%)	-0.55%	(-10.76 to 0.01%)
Steel (tinned) cans	0.97%	(0.84 - 1.11%)	0.86%	(0.74 - 0.98%)	-11.51%	(-14.97 to -8.25%)
Other nonferrous metal	0.38%	(0.27 - 0.51%)	0.38%	(0.27 - 0.51%)	0.32%	(0.04 to 0.61%)
White goods	0.15%	(0.00 - 0.40%)	0.15%	(0.00 - 0.40%)	0.00%	(0.00 to 0.00%)
Used oil filters	0.07%	(0.03 - 0.13%)	0.06%	(0.02 - 0.11%)	-13.79%	(-20.89 to -2.65%)
Empty aerosol cans	0.14%	(0.10 - 0.18%)	0.14%	(0.10 - 0.17%)	-2.39%	(-3.52 to -1.39%)
Other ferrous metal	2.45%	(1.87 - 3.06%)	2.44%	(1.87 - 3.06%)	-0.02%	(-0.77 to 0.37%)
Mixed ferrous/non-ferrous	0.15%	(0.07 - 0.26%)	0.15%	(0.07 - 0.26%)	-0.02%	(-0.31 to 0.00%)
Mixed Metal / Material	0.76%	(0.47 - 1.12%)	0.78%	(0.48 - 1.14%)	1.81%	(0.69 to 3.60%)
<b>Computers, brown goods, sm. appli.</b>	<b>1.45%</b>	<b>(0.95 - 1.98%)</b>	<b>1.44%</b>	<b>(0.95 - 1.98%)</b>	<b>-0.21%</b>	<b>(-0.51 to -0.02%)</b>
<b>Computers &amp; monitors</b>	<b>0.27%</b>	<b>(0.13 - 0.42%)</b>	<b>0.27%</b>	<b>(0.13 - 0.42%)</b>	<b>0.00%</b>	<b>(0.00 to 0.00%)</b>
Computers excluding monitors	0.27%	(0.13 - 0.42%)	0.27%	(0.13 - 0.42%)	0.00%	(0.00 to 0.00%)
Computer monitor CRTs	0.00%	(0.00 - 0.00%)	0.00%	(0.00 - 0.00%)	0.00%	(0.00 to 0.00%)
<b>TVs, other CRTs, brown goods</b>	<b>0.49%</b>	<b>(0.23 - 0.78%)</b>	<b>0.49%</b>	<b>(0.23 - 0.78%)</b>	<b>-0.06%</b>	<b>(-0.29 to 0.00%)</b>
TVs / Other CRTs	0.07%	(0.00 - 0.20%)	0.07%	(0.00 - 0.20%)	0.00%	(0.00 to 0.00%)
Other Brown Goods	0.42%	(0.19 - 0.72%)	0.42%	(0.19 - 0.72%)	-0.07%	(-0.34 to 0.00%)
Small Appliances-non electronic	0.69%	(0.31 - 1.13%)	0.69%	(0.31 - 1.13%)	-0.41%	(-0.95 to 0.00%)
<b>OTHER INORGANICS</b>	<b>12.91%</b>	<b>(10.73 - 15.15%)</b>	<b>13.05%</b>	<b>(10.85 - 15.34%)</b>	<b>1.09%</b>	<b>(0.60 to 1.84%)</b>
Rock, concrete,brick	2.71%	(1.51 - 4.05%)	2.72%	(1.52 - 4.06%)	0.45%	(0.21 to 0.75%)
Soil / sand / dirt	1.68%	(0.92 - 2.57%)	1.80%	(0.99 - 2.77%)	7.14%	(4.82 to 10.95%)
Pet litter / animal feces	2.08%	(1.46 - 2.77%)	2.08%	(1.46 - 2.77%)	0.00%	(0.00 to 0.00%)
Gypsum wallboard	4.55%	(3.07 - 6.28%)	4.55%	(3.07 - 6.28%)	0.07%	(-0.02 to 0.17%)
Fiberglass Insulation	0.19%	(0.08 - 0.31%)	0.19%	(0.08 - 0.31%)	0.26%	(0.04 to 0.63%)
Other miscellaneous inorganics	1.70%	(1.21 - 2.32%)	1.70%	(1.21 - 2.32%)	0.24%	(-0.34 to 0.59%)
"MEDICAL WASTES"	0.48%	(0.10 - 0.98%)	0.48%	(0.10 - 0.98%)	0.00%	(0.00 to 0.00%)
<b>HAZARDOUS MATERIALS</b>	<b>0.61%</b>	<b>(0.36 - 0.92%)</b>	<b>0.62%</b>	<b>(0.36 - 0.92%)</b>	<b>0.88%</b>	<b>(0.27 to 2.03%)</b>
Lead-acid batteries	0.01%	(0.00 - 0.04%)	0.01%	(0.00 - 0.04%)	0.00%	(0.00 to 0.00%)
Dry-cell batteries	0.05%	(0.03 - 0.07%)	0.05%	(0.03 - 0.07%)	8.75%	(1.82 to 18.65%)
Latex paint	0.26%	(0.04 - 0.52%)	0.26%	(0.04 - 0.52%)	0.00%	(0.00 to 0.00%)
Oil paints	0.05%	(0.01 - 0.10%)	0.05%	(0.01 - 0.10%)	0.00%	(0.00 to 0.00%)
Motor oil	0.01%	(0.00 - 0.02%)	0.01%	(0.00 - 0.02%)	0.00%	(0.00 to 0.00%)
Other flammables	0.09%	(0.06 - 0.13%)	0.09%	(0.06 - 0.13%)	0.00%	(0.00 to 0.00%)
Pesticides / herbicides	0.05%	(0.00 - 0.13%)	0.05%	(0.00 - 0.13%)	0.00%	(0.00 to 0.00%)
Corrosive cleaners	0.01%	(0.01 - 0.02%)	0.01%	(0.01 - 0.02%)	10.53%	(3.84 to 19.56%)
Ammunition and fireworks	0.00%	(0.00 - 0.00%)	0.00%	(0.00 - 0.00%)	0.00%	(0.00 to 0.00%)
Compressed gas cylinders	0.07%	(0.00 - 0.18%)	0.07%	(0.00 - 0.18%)	-0.21%	(-0.21 to -0.21%)
Other hazardous chemicals	0.02%	(0.00 - 0.03%)	0.02%	(0.00 - 0.03%)	0.00%	(0.00 to 0.00%)
Unknown hazardous chemicals	0.00%	(0.00 - 0.00%)	0.00%	(0.00 - 0.00%)	0.00%	(0.00 to 0.00%)
<b>Total packaging</b>	<b>18.12%</b>	<b>(16.77 - 19.54%)</b>	<b>15.23%</b>	<b>(13.95 - 16.56%)</b>	<b>-15.96%</b>	<b>(-19.25 to -12.76%)</b>
<b>total products</b>	<b>49.72%</b>	<b>(47.22 - 52.18%)</b>	<b>45.88%</b>	<b>(43.29 - 48.37%)</b>	<b>-7.71%</b>	<b>(-9.07 to -6.62%)</b>
<b>total non-manufactured</b>	<b>32.16%</b>	<b>(29.66 - 34.71%)</b>	<b>33.24%</b>	<b>(30.66 - 35.83%)</b>	<b>3.35%</b>	<b>(2.47 to 4.32%)</b>
<b>total organic</b>	<b>78.29%</b>	<b>(75.98 - 80.47%)</b>	<b>72.69%</b>	<b>(70.16 - 75.16%)</b>	<b>-7.14%</b>	<b>(-8.50 to -6.02%)</b>
<b>total non-organic</b>	<b>21.71%</b>	<b>(19.53 - 24.02%)</b>	<b>21.66%</b>	<b>(19.43 - 24.03%)</b>	<b>-0.27%</b>	<b>(-0.76 to 0.36%)</b>
<b>compostable</b>	<b>52.08%</b>	<b>(50.35 - 53.91%)</b>	<b>49.18%</b>	<b>(47.36 - 51.08%)</b>	<b>-5.56%</b>	<b>(-6.60 to -4.43%)</b>
<b>compostable-target</b>	<b>32.83%</b>	<b>(30.77 - 34.91%)</b>	<b>31.87%</b>	<b>(29.62 - 33.98%)</b>	<b>-2.94%</b>	<b>(-4.30 to -1.63%)</b>
<b>curbside recyclables</b>	<b>19.69%</b>	<b>(18.25 - 21.10%)</b>	<b>17.28%</b>	<b>(15.96 - 18.67%)</b>	<b>-12.21%</b>	<b>(-14.47 to -9.81%)</b>
<b>Recoverable</b>	<b>68.71%</b>	<b>(66.37 - 70.92%)</b>	<b>64.94%</b>	<b>(62.38 - 67.21%)</b>	<b>-5.49%</b>	<b>(-6.53 to -4.60%)</b>
<b>Recyclable &amp; Energy</b>	<b>39.94%</b>	<b>(37.60 - 42.09%)</b>	<b>36.95%</b>	<b>(34.60 - 39.06%)</b>	<b>-7.50%</b>	<b>(-9.30 to -6.14%)</b>
<b>Compostable but not recyclable</b>	<b>28.76%</b>	<b>(26.76 - 30.68%)</b>	<b>27.99%</b>	<b>(25.87 - 30.04%)</b>	<b>-2.69%</b>	<b>(-4.00 to -1.35%)</b>
<b>Not recoverable</b>	<b>31.29%</b>	<b>(29.08 - 33.63%)</b>	<b>29.42%</b>	<b>(27.13 - 31.86%)</b>	<b>-6.00%</b>	<b>(-7.95 to -4.21%)</b>
Water and Residue (contamination)			5.65%	(4.79 - 6.68%)		

**Table Marion6: Marion County Burner 2005:  
Field Data and Contamination Correction** (page 1 of 2)

Material	Field Data Percent	Field Data (90% Conf. Int.)	Percent (contam. corrected)	90% Conf. Interval (contamination corrected)	Contam. Correction Factor	90% Conf. Interval Contamination Correction Factor
<b>TOTAL PAPER</b>	<b>20.07%</b>	<b>(18.63 - 21.41%)</b>	<b>15.91%</b>	<b>(14.60 - 17.12%)</b>	<b>-20.73%</b>	<b>(-23.44 to -18.00%)</b>
<b>Packaging Paper</b>	<b>7.65%</b>	<b>(6.79 - 8.57%)</b>	<b>6.70%</b>	<b>(5.89 - 7.51%)</b>	<b>-12.49%</b>	<b>(-17.24 to -8.58%)</b>
Cardboard	3.50%	(3.09 - 3.95%)	3.14%	(2.71 - 3.55%)	-10.44%	(-16.45 to -5.61%)
Waxed corrugated cardboard	0.10%	(0.04 - 0.18%)	0.12%	(0.04 - 0.21%)	14.99%	(-3.21 to 42.59%)
Low grade unbleached paper	2.02%	(1.65 - 2.44%)	1.56%	(1.24 - 1.93%)	-22.68%	(-30.56 to -14.13%)
Polycoats +bleached drink boxes	0.66%	(0.48 - 0.90%)	0.51%	(0.37 - 0.69%)	-23.29%	(-30.50 to -15.77%)
Non-compostable, non-recyc. paper	1.36%	(0.96 - 1.85%)	1.37%	(0.94 - 1.84%)	0.49%	(-11.64 to 6.21%)
<b>Other (Non-packaging) Paper</b>	<b>12.42%</b>	<b>(11.50 - 13.35%)</b>	<b>9.21%</b>	<b>(8.46 - 10.03%)</b>	<b>-25.81%</b>	<b>(-27.95 to -23.05%)</b>
Hi grade paper	0.95%	(0.72 - 1.21%)	1.03%	(0.78 - 1.32%)	8.33%	(4.20 to 12.24%)
Newspaper	1.96%	(1.71 - 2.24%)	1.65%	(1.29 - 2.17%)	-15.80%	(-31.04 to 6.84%)
Magazines	1.12%	(0.88 - 1.39%)	0.88%	(0.50 - 1.23%)	-21.82%	(-54.86 to -2.50%)
Low grade bleached paper	3.14%	(2.80 - 3.47%)	2.49%	(2.21 - 2.82%)	-20.44%	(-25.31 to -15.21%)
Hardcover books	0.19%	(0.08 - 0.32%)	0.19%	(0.08 - 0.31%)	-0.83%	(-1.28 to -0.06%)
Other compostable nonrecyc. paper	5.06%	(4.58 - 5.57%)	2.98%	(2.66 - 3.33%)	-41.24%	(-43.52 to -38.23%)
<i>Low-grade paper combined</i>	<i>5.47%</i>	<i>(4.87 - 6.04%)</i>	<i>4.34%</i>	<i>(3.83 - 4.87%)</i>	<i>-20.62%</i>	<i>(-24.86 to -16.26%)</i>
<i>Non-recyclable paper combined</i>	<i>7.07%</i>	<i>(6.35 - 7.78%)</i>	<i>4.88%</i>	<i>(4.26 - 5.49%)</i>	<i>-31.01%</i>	<i>(-34.80 to -27.47%)</i>
<i>All recyclable paper</i>	<i>13.00%</i>	<i>(11.96 - 14.03%)</i>	<i>11.03%</i>	<i>(10.09 - 11.98%)</i>	<i>-15.14%</i>	<i>(-18.54 to -11.94%)</i>
<b>TOTAL PLASTIC</b>	<b>13.27%</b>	<b>(12.10 - 14.69%)</b>	<b>10.61%</b>	<b>(9.50 - 11.91%)</b>	<b>-20.02%</b>	<b>(-24.25 to -15.49%)</b>
<b>Plastic Packaging</b>	<b>7.62%</b>	<b>(6.97 - 8.36%)</b>	<b>5.54%</b>	<b>(4.95 - 6.20%)</b>	<b>-27.29%</b>	<b>(-31.99 to -22.22%)</b>
Rigid Plastic Containers (RPCs)	2.52%	(2.30 - 2.75%)	2.03%	(1.85 - 2.23%)	-19.37%	(-21.56 to -17.15%)
<b>Other plastic packaging</b>	<b>5.11%</b>	<b>(4.54 - 5.72%)</b>	<b>3.51%</b>	<b>(2.98 - 4.10%)</b>	<b>-31.19%</b>	<b>(-38.07 to -24.01%)</b>
Other rigid plastic packaging	1.23%	(1.07 - 1.41%)	0.87%	(0.72 - 1.08%)	-28.77%	(-37.92 to -16.41%)
<i>Plastic film packaging - estimated</i>	<i>3.88%</i>	<i>(3.38 - 4.45%)</i>	<i>2.64%</i>	<i>(2.18 - 3.13%)</i>	<i>-31.96%</i>	<i>(-39.36 to -24.44%)</i>
<b>Plastic Products</b>	<b>5.65%</b>	<b>(4.96 - 6.51%)</b>	<b>5.07%</b>	<b>(4.34 - 5.93%)</b>	<b>-10.21%</b>	<b>(-14.32 to -6.59%)</b>
Rigid plastic products	3.56%	(2.92 - 4.38%)	3.65%	(3.00 - 4.49%)	2.53%	(0.20 to 4.50%)
<i>Plastic film products - estimated</i>	<i>2.09%</i>	<i>(1.82 - 2.40%)</i>	<i>1.42%</i>	<i>(1.17 - 1.69%)</i>	<i>-31.91%</i>	<i>(-39.32 to -24.39%)</i>
<b>Plastic film - combined</b>	<b>5.97%</b>	<b>(5.19 - 6.85%)</b>	<b>4.06%</b>	<b>(3.35 - 4.82%)</b>	<b>-31.94%</b>	<b>(-39.35 to -24.42%)</b>
Plastic film - recyclable	0.93%	(0.61 - 1.30%)	0.92%	(0.58 - 1.27%)	-1.46%	(-8.50 to 1.20%)
Plastic film - non-recyclable	5.04%	(4.38 - 5.83%)	3.14%	(2.56 - 3.79%)	-37.57%	(-45.33 to -28.89%)
<i>All PVC-containing items</i>	<i>0.66%</i>	<i>(0.50 - 0.85%)</i>	<i>0.68%</i>	<i>(0.52 - 0.88%)</i>	<i>3.96%</i>	<i>(0.15 to 7.49%)</i>
<b>OTHER ORGANICS</b>	<b>49.44%</b>	<b>(47.05 - 52.03%)</b>	<b>50.01%</b>	<b>(47.49 - 52.67%)</b>	<b>1.16%</b>	<b>(0.08 to 2.01%)</b>
<b>Yard Debris</b>	<b>4.22%</b>	<b>(2.83 - 5.60%)</b>	<b>4.28%</b>	<b>(2.86 - 5.68%)</b>	<b>1.54%</b>	<b>(0.54 to 3.22%)</b>
Leaves and grass	3.74%	(2.50 - 4.96%)	3.80%	(2.53 - 5.07%)	1.58%	(0.55 to 3.29%)
Small prunings under 2"	0.40%	(0.16 - 0.73%)	0.41%	(0.16 - 0.74%)	1.45%	(0.27 to 3.31%)
Large prunings over 2"	0.06%	(0.01 - 0.14%)	0.06%	(0.01 - 0.14%)	0.00%	(0.00 to 0.00%)
Stumps	0.01%	(0.00 - 0.04%)	0.01%	(0.00 - 0.04%)	0.00%	(0.00 to 0.00%)
<b>All Wood</b>	<b>7.36%</b>	<b>(6.13 - 8.70%)</b>	<b>7.19%</b>	<b>(5.99 - 8.54%)</b>	<b>-2.33%</b>	<b>(-5.39 to -0.36%)</b>
<b>Clean lumber &amp; hogged fuel</b>	<b>4.12%</b>	<b>(3.13 - 5.16%)</b>	<b>3.96%</b>	<b>(2.96 - 4.94%)</b>	<b>-3.87%</b>	<b>(-9.21 to -0.42%)</b>
Unpainted lumber	2.41%	(1.70 - 3.16%)	2.26%	(1.56 - 2.97%)	-6.18%	(-14.78 to -0.36%)
Hogged fuel	1.71%	(1.08 - 2.52%)	1.70%	(1.07 - 2.49%)	-0.64%	(-2.40 to 0.03%)
<b>Painted &amp; treated lumber</b>	<b>0.63%</b>	<b>(0.43 - 0.85%)</b>	<b>0.64%</b>	<b>(0.44 - 0.87%)</b>	<b>1.83%</b>	<b>(-0.02 to 6.24%)</b>
Painted lumber	0.58%	(0.39 - 0.80%)	0.59%	(0.39 - 0.82%)	1.99%	(-0.03 to 6.81%)
Chemically-treated lumber	0.05%	(0.02 - 0.09%)	0.05%	(0.02 - 0.09%)	0.00%	(0.00 to 0.00%)
Wood pallets and crates	0.81%	(0.21 - 1.68%)	0.81%	(0.21 - 1.68%)	0.03%	(0.00 to 0.10%)
Wood furniture	0.85%	(0.55 - 1.21%)	0.82%	(0.53 - 1.19%)	-3.18%	(-9.25 to 0.00%)
Other wood products	0.32%	(0.17 - 0.48%)	0.32%	(0.17 - 0.49%)	1.34%	(-0.89 to 4.00%)
Mixed wood / materials	0.63%	(0.32 - 1.02%)	0.63%	(0.32 - 1.02%)	-0.21%	(-1.30 to -0.01%)
Food	24.83%	(22.63 - 27.07%)	25.81%	(23.47 - 28.18%)	3.96%	(2.49 to 5.36%)
Tires	0.22%	(0.06 - 0.43%)	0.22%	(0.06 - 0.43%)	0.00%	(0.00 to 0.00%)
Other rubber products	0.44%	(0.20 - 0.73%)	0.46%	(0.21 - 0.77%)	4.99%	(1.66 to 8.65%)
Disposable diapers	3.12%	(2.45 - 3.91%)	3.12%	(2.45 - 3.91%)	0.00%	(0.00 to 0.00%)
Carpet / rugs	2.33%	(1.38 - 3.38%)	2.31%	(1.37 - 3.32%)	-0.96%	(-3.36 to -0.26%)
Other textiles	2.70%	(2.28 - 3.13%)	2.38%	(1.96 - 2.78%)	-11.95%	(-19.19 to -7.03%)
Mixed textile / material	1.33%	(0.99 - 1.75%)	1.23%	(0.91 - 1.63%)	-7.71%	(-11.59 to -3.24%)
Asphalt roofing & tarpaper	0.47%	(0.28 - 0.68%)	0.47%	(0.28 - 0.68%)	-0.24%	(-4.72 to 0.09%)
Furniture (mixed material)	1.02%	(0.42 - 1.77%)	1.02%	(0.42 - 1.77%)	0.00%	(0.00 to 0.00%)
Other miscellaneous organics	1.40%	(0.90 - 2.08%)	1.52%	(1.01 - 2.19%)	8.66%	(-0.80 to 20.04%)

**Continued TableMarion6: Field Data and Contamination Correction- Marion Burner** (page 2 of 2)

Material	Field Data Percent	Field Data (90% Conf. Int.)	Percent (contam. corrected)	90% Conf. Interval (contamination corrected)	Contam. Correction Factor	90% Conf. Interval Contamination Correction Factor
<b>GLASS</b>	1.80%	(1.53 - 2.09%)	1.80%	(1.54 - 2.10%)	0.34%	(-1.76 to 3.52%)
Deposit Beverage Glass	0.28%	(0.20 - 0.36%)	0.28%	(0.20 - 0.36%)	-0.81%	(-1.37 to -0.30%)
<b>Other Container Glass</b>	1.05%	(0.84 - 1.24%)	1.07%	(0.86 - 1.27%)	1.86%	(-1.90 to 7.41%)
Other clear beverage bottles	0.36%	(0.26 - 0.45%)	0.36%	(0.26 - 0.46%)	0.58%	(-2.67 to 6.59%)
Other colored beverage bottles	0.27%	(0.20 - 0.35%)	0.27%	(0.20 - 0.34%)	-0.43%	(-0.99 to 0.36%)
Clear container glass	0.39%	(0.31 - 0.48%)	0.41%	(0.32 - 0.52%)	5.20%	(-3.80 to 19.78%)
Colored container glass	0.03%	(0.01 - 0.05%)	0.03%	(0.01 - 0.05%)	-6.10%	(-9.85 to -2.67%)
<b>Window and Other Glass</b>	0.47%	(0.27 - 0.71%)	0.46%	(0.26 - 0.69%)	-2.39%	(-7.92 to 0.57%)
Flat window glass	0.04%	(0.02 - 0.06%)	0.04%	(0.02 - 0.06%)	0.56%	(-2.27 to 1.66%)
Fluorescent tubes	0.01%	(0.00 - 0.01%)	0.01%	(0.00 - 0.01%)	8.31%	(0.00 to 26.16%)
Compact fluorescent lights	0.00%	(0.00 - 0.01%)	0.00%	(0.00 - 0.01%)	-13.73%	(-33.33 to 0.00%)
Other nonrecyclable glass	0.42%	(0.23 - 0.66%)	0.41%	(0.22 - 0.64%)	-2.72%	(-8.78 to 0.56%)
<i>Beverage bottles</i>	0.91%	(0.73 - 1.08%)	0.90%	(0.72 - 1.09%)	-0.15%	(-1.51 to 2.25%)
<b>METAL</b>	6.87%	(5.97 - 7.86%)	6.62%	(5.72 - 7.62%)	-3.62%	(-4.94 to -2.59%)
<b>Aluminum</b>	0.55%	(0.44 - 0.70%)	0.44%	(0.35 - 0.56%)	-20.61%	(-27.47 to -14.72%)
Aluminum beverage cans	0.13%	(0.12 - 0.15%)	0.12%	(0.10 - 0.14%)	-11.56%	(-16.30 to -5.94%)
Aluminum foil / food trays	0.24%	(0.16 - 0.35%)	0.14%	(0.09 - 0.21%)	-40.99%	(-50.13 to -30.73%)
Other aluminum	0.18%	(0.12 - 0.27%)	0.18%	(0.11 - 0.26%)	-0.55%	(-12.44 to 0.02%)
Other nonferrous metal	0.30%	(0.19 - 0.42%)	0.30%	(0.19 - 0.43%)	0.46%	(0.13 to 0.85%)
Steel (tinned) cans	1.15%	(1.00 - 1.32%)	1.02%	(0.87 - 1.17%)	-11.51%	(-15.01 to -8.25%)
White goods	0.20%	(0.00 - 0.55%)	0.20%	(0.00 - 0.55%)	0.00%	(0.00 to 0.00%)
Used oil filters	0.09%	(0.04 - 0.15%)	0.07%	(0.03 - 0.13%)	-13.79%	(-20.89 to -2.65%)
Empty aerosol cans	0.17%	(0.13 - 0.22%)	0.17%	(0.13 - 0.22%)	-2.39%	(-3.54 to -1.28%)
Other ferrous metal	1.95%	(1.47 - 2.47%)	1.95%	(1.47 - 2.47%)	0.09%	(-0.62 to 0.54%)
Mixed ferrous/non-ferrous	0.19%	(0.09 - 0.32%)	0.19%	(0.09 - 0.32%)	-0.02%	(-0.31 to 0.00%)
Mixed Metal / Material	0.80%	(0.47 - 1.22%)	0.81%	(0.48 - 1.24%)	1.69%	(0.69 to 3.36%)
<b>Computers, brown goods, sm. appli.</b>	1.47%	(1.04 - 1.95%)	1.46%	(1.04 - 1.95%)	-0.18%	(-0.45 to -0.02%)
<b>Computers &amp; monitors</b>	0.33%	(0.16 - 0.51%)	0.33%	(0.16 - 0.51%)	0.00%	(0.00 to 0.00%)
Computers excluding monitors	0.33%	(0.16 - 0.51%)	0.33%	(0.16 - 0.51%)	0.00%	(0.00 to 0.00%)
Computer monitor CRTs	0.00%	(0.00 - 0.00%)	0.00%	(0.00 - 0.00%)	0.00%	(0.00 to 0.00%)
<b>TVs, other CRTs, brown goods</b>	0.58%	(0.27 - 0.93%)	0.57%	(0.27 - 0.93%)	-0.06%	(-0.29 to 0.00%)
TVs / Other CRTs	0.09%	(0.00 - 0.27%)	0.09%	(0.00 - 0.27%)	0.00%	(0.00 to 0.00%)
Other Brown Goods	0.48%	(0.21 - 0.86%)	0.48%	(0.21 - 0.86%)	-0.07%	(-0.34 to 0.00%)
Small Appliances-non electronic	0.56%	(0.29 - 0.87%)	0.56%	(0.29 - 0.86%)	-0.41%	(-0.95 to 0.00%)
<b>OTHER INORGANICS</b>	7.42%	(5.98 - 8.79%)	7.56%	(6.11 - 8.95%)	1.99%	(1.15 to 3.13%)
Rock, concrete,brick	1.51%	(0.73 - 2.34%)	1.53%	(0.73 - 2.37%)	0.94%	(0.43 to 1.55%)
Soil / sand / dirt	1.01%	(0.58 - 1.50%)	1.14%	(0.66 - 1.70%)	12.22%	(8.31 to 17.70%)
Pet litter / animal feces	2.54%	(1.77 - 3.40%)	2.54%	(1.77 - 3.40%)	0.00%	(0.00 to 0.00%)
Gypsum wallboard	0.78%	(0.46 - 1.15%)	0.78%	(0.46 - 1.15%)	0.48%	(0.00 to 1.10%)
Fiberglass Insulation	0.10%	(0.03 - 0.17%)	0.10%	(0.03 - 0.17%)	0.55%	(0.09 to 1.29%)
Other miscellaneous inorganics	1.47%	(0.89 - 2.24%)	1.48%	(0.89 - 2.24%)	0.36%	(-0.19 to 0.76%)
"MEDICAL WASTES"	0.56%	(0.11 - 1.15%)	0.56%	(0.11 - 1.15%)	0.00%	(0.00 to 0.00%)
<b>HAZARDOUS MATERIALS</b>	0.57%	(0.39 - 0.77%)	0.58%	(0.39 - 0.78%)	1.06%	(0.31 to 2.22%)
Lead-acid batteries	0.02%	(0.00 - 0.05%)	0.02%	(0.00 - 0.05%)	0.00%	(0.00 to 0.00%)
Dry-cell batteries	0.05%	(0.03 - 0.08%)	0.06%	(0.04 - 0.08%)	8.42%	(1.45 to 17.36%)
Latex paint	0.15%	(0.05 - 0.26%)	0.15%	(0.05 - 0.26%)	0.00%	(0.00 to 0.00%)
Oil paints	0.06%	(0.00 - 0.13%)	0.06%	(0.00 - 0.13%)	0.00%	(0.00 to 0.00%)
Motor oil	0.01%	(0.00 - 0.02%)	0.01%	(0.00 - 0.02%)	0.00%	(0.00 to 0.00%)
Other flammables	0.11%	(0.07 - 0.17%)	0.11%	(0.07 - 0.17%)	0.00%	(0.00 to 0.00%)
Pesticides / herbicides	0.06%	(0.00 - 0.15%)	0.06%	(0.00 - 0.15%)	0.00%	(0.00 to 0.00%)
Corrosive cleaners	0.02%	(0.01 - 0.03%)	0.02%	(0.01 - 0.03%)	9.36%	(3.05 to 17.47%)
Ammunition and fireworks	0.00%	(0.00 - 0.00%)	0.00%	(0.00 - 0.00%)	0.00%	(0.00 to 0.00%)
Compressed gas cylinders	0.08%	(0.00 - 0.22%)	0.08%	(0.00 - 0.22%)	-0.21%	(-0.21 to -0.21%)
Other hazardous chemicals	0.02%	(0.00 - 0.04%)	0.02%	(0.00 - 0.04%)	0.00%	(0.00 to 0.00%)
Unknown hazardous chemicals	0.00%	(0.00 - 0.00%)	0.00%	(0.00 - 0.00%)	0.00%	(0.00 to 0.00%)
<b>Total packaging</b>	<b>20.06%</b>	<b>(18.55 - 21.69%)</b>	<b>16.87%</b>	<b>(15.37 - 18.38%)</b>	<b>-15.90%</b>	<b>(-19.22 to -12.78%)</b>
<b>total products</b>	<b>44.42%</b>	<b>(41.94 - 47.06%)</b>	<b>40.08%</b>	<b>(37.48 - 42.78%)</b>	<b>-9.77%</b>	<b>(-11.40 to -8.33%)</b>
<b>total non-manufactured</b>	<b>35.52%</b>	<b>(32.82 - 38.12%)</b>	<b>36.71%</b>	<b>(33.97 - 39.47%)</b>	<b>3.36%</b>	<b>(2.46 to 4.33%)</b>
<b>total organic</b>	<b>83.75%</b>	<b>(82.07 - 85.49%)</b>	<b>77.51%</b>	<b>(75.55 - 79.37%)</b>	<b>-7.46%</b>	<b>(-8.73 to -6.17%)</b>
<b>total non-organic</b>	<b>16.25%</b>	<b>(14.51 - 17.93%)</b>	<b>16.16%</b>	<b>(14.40 - 17.84%)</b>	<b>-0.55%</b>	<b>(-1.31 to 0.28%)</b>
<b>compostable</b>	<b>59.74%</b>	<b>(57.57 - 61.96%)</b>	<b>56.46%</b>	<b>(54.21 - 58.84%)</b>	<b>-5.50%</b>	<b>(-6.57 to -4.39%)</b>
<b>compostable-target</b>	<b>38.65%</b>	<b>(36.11 - 41.18%)</b>	<b>37.48%</b>	<b>(34.80 - 40.11%)</b>	<b>-3.04%</b>	<b>(-4.27 to -1.82%)</b>
<b>curbside recyclables</b>	<b>20.92%</b>	<b>(19.55 - 22.28%)</b>	<b>18.24%</b>	<b>(16.97 - 19.54%)</b>	<b>-12.78%</b>	<b>(-15.11 to -10.57%)</b>
<b>Recoverable</b>	<b>70.26%</b>	<b>(68.08 - 72.28%)</b>	<b>65.99%</b>	<b>(63.76 - 68.07%)</b>	<b>-6.08%</b>	<b>(-7.16 to -5.11%)</b>
<b>Recyclable &amp; Energy</b>	<b>35.68%</b>	<b>(33.74 - 37.74%)</b>	<b>32.40%</b>	<b>(30.35 - 34.38%)</b>	<b>-9.18%</b>	<b>(-11.04 to -7.55%)</b>
<b>Compostable but not recyclable</b>	<b>34.59%</b>	<b>(32.15 - 36.98%)</b>	<b>33.59%</b>	<b>(31.09 - 36.04%)</b>	<b>-2.89%</b>	<b>(-4.12 to -1.63%)</b>
<b>Not recoverable</b>	<b>29.74%</b>	<b>(27.72 - 31.92%)</b>	<b>27.67%</b>	<b>(25.58 - 29.92%)</b>	<b>-6.93%</b>	<b>(-9.24 to -4.66%)</b>
Water and Residue (contamination)	0.00%		6.34%	(5.29 - 7.43%)		

## Table Marion7: Tons Disposed - All Marion County and Marion Burner - Sampled Waste Only

(page 1 of 2)

Material	All Marion: Tons (Corrected)	All Marion: 90% Conf. Interval (Detailed sample correction)	All Marion: 2005 Present / # samples	Burner Only: Tons (Corrected)	Burner Only: 90% Conf. Interval (Detailed sample correction)	Burner: 2005 Present / # samples
<b>TOTAL PAPER</b>	<b>34,744</b>	<b>(31,799 - 37,531)</b>	<b>150/ 159</b>	<b>25,148</b>	<b>(23,077 - 27,050)</b>	<b>144/ 148</b>
<b>Packaging Paper</b>	<b>15,155</b>	<b>(13,339 - 16,972)</b>	<b>148/ 159</b>	<b>10,586</b>	<b>(9,307 - 11,873)</b>	<b>142/ 148</b>
Cardboard	7,174	(6,143 - 8,249)	145/ 159	4,960	(4,279 - 5,603)	140/ 148
Waxed corrugated cardboard	252	(93 - 452)	7/ 159	189	(64 - 336)	7/ 148
Low grade unbleached paper	3,423	(2,721 - 4,235)	127/ 159	2,468	(1,965 - 3,047)	122/ 148
Polycoats +bleached drink boxes	1,003	(718 - 1,341)	104/ 159	803	(577 - 1,094)	104/ 148
Non-compostable, non-recyc. paper	3,304	(2,369 - 4,315)	117/ 159	2,165	(1,486 - 2,916)	117/ 148
<b>Other (Non-packaging) Paper</b>	<b>19,588</b>	<b>(18,031 - 21,404)</b>	<b>138/ 159</b>	<b>14,562</b>	<b>(13,374 - 15,853)</b>	<b>135/ 148</b>
Hi grade paper	2,340	(1,757 - 3,018)	111/ 159	1,622	(1,227 - 2,082)	111/ 148
Newspaper	3,302	(2,555 - 4,354)	117/ 159	2,611	(2,033 - 3,423)	117/ 148
Magazines	1,841	(1,068 - 2,523)	91/ 159	1,383	(793 - 1,949)	91/ 148
Low grade bleached paper	5,435	(4,814 - 6,135)	126/ 159	3,942	(3,497 - 4,452)	124/ 148
Hardcover books	757	(322 - 1,252)	13/ 159	302	(133 - 496)	13/ 148
Other compostable nonrecyc. paper	5,914	(5,316 - 6,587)	126/ 159	4,702	(4,211 - 5,260)	125/ 148
<i>Low-grade paper combined</i>	<i>9,801</i>	<i>(8,682 - 11,018)</i>	<i>136/ 159</i>	<i>6,860</i>	<i>(6,046 - 7,689)</i>	<i>131/ 148</i>
<i>Non-recyclable paper combined</i>	<i>10,286</i>	<i>(9,078 - 11,549)</i>	<i>133/ 159</i>	<i>7,712</i>	<i>(6,740 - 8,669)</i>	<i>132/ 148</i>
<i>All recyclable paper</i>	<i>24,457</i>	<i>(22,260 - 26,737)</i>	<i>149/ 159</i>	<i>17,436</i>	<i>(15,939 - 18,937)</i>	<i>143/ 148</i>
<b>TOTAL PLASTIC</b>	<b>22,652</b>	<b>(20,431 - 25,198)</b>	<b>151/ 159</b>	<b>16,774</b>	<b>(15,018 - 18,829)</b>	<b>146/ 148</b>
<b>Plastic Packaging</b>	<b>11,426</b>	<b>(10,252 - 12,684)</b>	<b>148/ 159</b>	<b>8,760</b>	<b>(7,821 - 9,802)</b>	<b>144/ 148</b>
Rigid Plastic Containers (RPCs)	4,062	(3,714 - 4,448)	141/ 159	3,208	(2,918 - 3,522)	140/ 148
<b>Other plastic packaging</b>	<b>7,364</b>	<b>(6,296 - 8,508)</b>	<b>146/ 159</b>	<b>5,553</b>	<b>(4,716 - 6,481)</b>	<b>143/ 148</b>
Other rigid plastic packaging	1,838	(1,495 - 2,241)	134/ 159	1,383	(1,137 - 1,710)	133/ 148
<i>Plastic film packaging - estimated</i>	<i>5,526</i>	<i>(4,590 - 6,496)</i>	<i>145/ 159</i>	<i>4,170</i>	<i>(3,441 - 4,952)</i>	<i>142/ 148</i>
<b>Plastic Products</b>	<b>11,225</b>	<b>(9,845 - 12,952)</b>	<b>150/ 159</b>	<b>8,014</b>	<b>(6,855 - 9,379)</b>	<b>146/ 148</b>
Rigid plastic products	8,246	(6,987 - 9,905)	141/ 159	5,766	(4,740 - 7,091)	140/ 148
<i>Plastic film products - estimated</i>	<i>2,979</i>	<i>(2,474 - 3,502)</i>	<i>145/ 159</i>	<i>2,248</i>	<i>(1,855 - 2,669)</i>	<i>142/ 148</i>
<b>Plastic film - combined</b>	<b>8,505</b>	<b>(7,064 - 9,999)</b>	<b>145/ 159</b>	<b>6,418</b>	<b>(5,295 - 7,621)</b>	<b>142/ 148</b>
Plastic film - recyclable	1,777	(1,161 - 2,465)	112/ 159	1,448	(915 - 2,014)	111/ 148
Plastic film - non-recyclable	6,727	(5,507 - 8,072)	142/ 159	4,970	(4,039 - 5,988)	140/ 148
<i>All PVC-containing items</i>	<i>1,786</i>	<i>(1,398 - 2,183)</i>	<i>117/ 159</i>	<i>1,083</i>	<i>(821 - 1,385)</i>	<i>116/ 148</i>
<b>OTHER ORGANICS</b>	<b>111,217</b>	<b>(104,548 - 117,895)</b>	<b>155/ 159</b>	<b>79,040</b>	<b>(75,052 - 83,237)</b>	<b>147/ 148</b>
<b>Yard Debris</b>	<b>8,513</b>	<b>(5,926 - 11,154)</b>	<b>93/ 159</b>	<b>6,767</b>	<b>(4,513 - 8,983)</b>	<b>91/ 148</b>
Leaves and grass	7,410	(4,971 - 9,789)	72/ 159	6,003	(4,002 - 8,017)	71/ 148
Small prunings under 2"	975	(507 - 1,553)	39/ 159	649	(257 - 1,167)	38/ 148
Large prunings over 2"	101	(14 - 229)	3/ 159	94	(11 - 215)	3/ 148
Stumps	27	(0 - 82)	1/ 159	21	(0 - 64)	1/ 148
<b>All Wood</b>	<b>16,890</b>	<b>(14,504 - 19,525)</b>	<b>128/ 159</b>	<b>11,360</b>	<b>(9,465 - 13,499)</b>	<b>125/ 148</b>
<b>Clean lumber &amp; hogged fuel</b>	<b>9,913</b>	<b>(8,086 - 11,852)</b>	<b>102/ 159</b>	<b>6,258</b>	<b>(4,679 - 7,805)</b>	<b>100/ 148</b>
Unpainted lumber	5,898	(4,523 - 7,340)	90/ 159	3,567	(2,458 - 4,687)	89/ 148
Hogged fuel	4,016	(2,888 - 5,409)	59/ 159	2,691	(1,697 - 3,929)	58/ 148
<b>Painted &amp; treated lumber</b>	<b>1,732</b>	<b>(1,215 - 2,302)</b>	<b>48/ 159</b>	<b>1,012</b>	<b>(691 - 1,371)</b>	<b>47/ 148</b>
Painted lumber	1,631	(1,137 - 2,200)	47/ 159	936	(620 - 1,299)	46/ 148
Chemically-treated lumber	101	(43 - 173)	8/ 159	76	(25 - 140)	7/ 148
Wood pallets and crates	1,416	(379 - 2,890)	11/ 159	1,284	(331 - 2,657)	11/ 148
Wood furniture	1,802	(1,197 - 2,516)	23/ 159	1,295	(844 - 1,881)	23/ 148
Other wood products	665	(370 - 995)	78/ 159	511	(274 - 776)	78/ 148
Mixed wood / materials	1,361	(739 - 2,103)	25/ 159	1,000	(504 - 1,610)	24/ 148
Food	50,359	(45,710 - 55,150)	129/ 159	40,794	(37,085 - 44,530)	129/ 148
Tires	424	(127 - 815)	7/ 159	344	(88 - 679)	7/ 148
Other rubber products	918	(442 - 1,502)	82/ 159	726	(337 - 1,212)	82/ 148
Disposable diapers	6,137	(4,846 - 7,646)	99/ 159	4,933	(3,868 - 6,179)	99/ 148
Carpet / rugs	4,608	(2,748 - 6,596)	42/ 159	3,655	(2,164 - 5,248)	42/ 148
Other textiles	5,213	(4,357 - 6,046)	129/ 159	3,756	(3,097 - 4,386)	128/ 148
Mixed textile / material	2,545	(1,966 - 3,363)	97/ 159	1,941	(1,443 - 2,579)	97/ 148
Asphalt roofing & tarpaper	10,019	(5,972 - 14,214)	35/ 159	738	(440 - 1,076)	30/ 148
Furniture (mixed material)	2,327	(1,076 - 3,821)	12/ 159	1,616	(658 - 2,802)	12/ 148
Other miscellaneous organics	3,265	(2,175 - 4,585)	108/ 159	2,410	(1,593 - 3,468)	108/ 148

**Continued Table Marion7: Tons Disposed - All Marion and Marion Burner**  
(sampled waste only - page 2 of 2)

Material	Marion Tons (Corrected)	All Marion: 90% Conf. Interval	Present / # samples	Burner Tons (Corrected)	Burner Only: 90% Conf. Interval	Present / # samples
<b>GLASS</b>	<b>3,855</b>	<b>(3,326 - 4,442)</b>	<b>114/ 159</b>	<b>2,848</b>	<b>(2,427 - 3,320)</b>	<b>114/ 148</b>
Deposit Beverage Glass	533	(390 - 690)	55/ 159	438	(319 - 568)	55/ 148
<b>Other Container Glass</b>	<b>2,080</b>	<b>(1,682 - 2,479)</b>	<b>93/ 159</b>	<b>1,691</b>	<b>(1,357 - 2,011)</b>	<b>93/ 148</b>
Other clear beverage bottles	712	(520 - 920)	68/ 159	566	(416 - 728)	68/ 148
Other colored beverage bottles	523	(380 - 671)	40/ 159	425	(310 - 543)	40/ 148
Clear container glass	787	(609 - 991)	67/ 159	655	(501 - 821)	67/ 148
Colored container glass	57	(27 - 95)	13/ 159	44	(19 - 76)	13/ 148
<b>Window and Other Glass</b>	<b>1,242</b>	<b>(856 - 1,706)</b>	<b>70/ 159</b>	<b>720</b>	<b>(409 - 1,093)</b>	<b>70/ 148</b>
Flat window glass	207	(84 - 355)	20/ 159	65	(35 - 97)	20/ 148
Fluorescent tubes	12	(1 - 30)	3/ 159	9	(0 - 23)	3/ 148
Compact fluorescent lights	6	(1 - 11)	5/ 159	5	(1 - 9)	5/ 148
Other nonrecyclable glass	1,018	(624 - 1,509)	58/ 159	641	(344 - 1,012)	58/ 148
<i>Beverage bottles</i>	1,768	(1,420 - 2,127)	95/ 159	1,429	(1,144 - 1,719)	95/ 148
<b>METAL</b>	<b>16,039</b>	<b>(14,086 - 18,075)</b>	<b>148/ 159</b>	<b>10,457</b>	<b>(9,035 - 12,038)</b>	<b>141/ 148</b>
<b>Aluminum</b>	<b>994</b>	<b>(788 - 1,235)</b>	<b>124/ 159</b>	<b>696</b>	<b>(546 - 882)</b>	<b>122/ 148</b>
Aluminum beverage cans	241	(210 - 280)	115/ 159	185	(160 - 214)	114/ 148
Aluminum foil / food trays	275	(183 - 419)	100/ 159	223	(145 - 339)	100/ 148
Other aluminum	478	(309 - 655)	39/ 159	288	(178 - 417)	38/ 148
Other nonferrous metal	901	(631 - 1,198)	48/ 159	473	(306 - 673)	47/ 148
Steel (tinned) cans	2,010	(1,749 - 2,295)	120/ 159	1,605	(1,374 - 1,847)	120/ 148
White goods	341	(0 - 934)	2/ 159	319	(0 - 873)	2/ 148
Used oil filters	145	(58 - 262)	13/ 159	118	(50 - 211)	13/ 148
Empty aerosol cans	321	(239 - 411)	73/ 159	265	(198 - 340)	73/ 148
Other ferrous metal	5,746	(4,399 - 7,197)	107/ 159	3,081	(2,328 - 3,911)	102/ 148
Mixed ferrous/non-ferrous	361	(171 - 609)	19/ 159	301	(141 - 509)	19/ 148
Mixed Metal / Material	1,827	(1,138 - 2,688)	57/ 159	1,283	(753 - 1,966)	57/ 148
<b>Computers, brown goods, sm. appli.</b>	<b>3,394</b>	<b>(2,239 - 4,643)</b>	<b>56/ 159</b>	<b>2,315</b>	<b>(1,638 - 3,077)</b>	<b>56/ 148</b>
<b>Computers &amp; monitors</b>	<b>632</b>	<b>(315 - 978)</b>	<b>15/ 159</b>	<b>519</b>	<b>(260 - 799)</b>	<b>15/ 148</b>
Computers excluding monitors	632	(315 - 978)	15/ 159	519	(260 - 799)	15/ 148
Computer monitor CRTs	0	(0 - 0)	0/ 159	0	(0 - 0)	0/ 148
<b>TVs, other CRTs, brown goods</b>	<b>1,149</b>	<b>(552 - 1,842)</b>	<b>24/ 159</b>	<b>909</b>	<b>(424 - 1,472)</b>	<b>24/ 148</b>
TVs / Other CRTs	154	(0 - 462)	1/ 159	144	(0 - 432)	1/ 148
Other Brown Goods	995	(450 - 1,693)	23/ 159	765	(334 - 1,356)	23/ 148
Small Appliances-non electronic	1,613	(730 - 2,653)	26/ 159	888	(464 - 1,366)	26/ 148
<b>OTHER INORGANICS</b>	<b>30,664</b>	<b>(25,512 - 36,050)</b>	<b>114/ 159</b>	<b>11,954</b>	<b>(9,652 - 14,137)</b>	<b>107/ 148</b>
Rock, concrete,brick	6,390	(3,572 - 9,554)	35/ 159	2,415	(1,159 - 3,743)	32/ 148
Soil / sand / dirt	4,234	(2,324 - 6,510)	31/ 159	1,795	(1,035 - 2,682)	29/ 148
Pet litter / animal feces	4,888	(3,438 - 6,518)	59/ 159	4,011	(2,803 - 5,368)	59/ 148
Gypsum wallboard	10,698	(7,214 - 14,758)	35/ 159	1,239	(725 - 1,823)	30/ 148
Fiberglass Insulation	447	(197 - 725)	19/ 159	157	(53 - 271)	17/ 148
Other miscellaneous inorganics	4,007	(2,849 - 5,457)	80/ 159	2,335	(1,410 - 3,541)	80/ 148
"MEDICAL WASTES"	1,133	(230 - 2,305)	20/ 159	890	(180 - 1,812)	20/ 148
<b>HAZARDOUS MATERIALS</b>	<b>1,457</b>	<b>(843 - 2,167)</b>	<b>74/ 159</b>	<b>911</b>	<b>(620 - 1,232)</b>	<b>74/ 148</b>
Lead-acid batteries	33	(0 - 98)	2/ 159	25	(0 - 76)	2/ 148
Dry-cell batteries	121	(79 - 172)	47/ 159	93	(58 - 133)	47/ 148
Latex paint	608	(104 - 1,224)	8/ 159	232	(81 - 414)	8/ 148
Oil paints	114	(14 - 238)	3/ 159	88	(0 - 204)	3/ 148
Motor oil	22	(6 - 44)	6/ 159	18	(5 - 35)	6/ 148
Other flammables	219	(136 - 317)	35/ 159	176	(103 - 265)	35/ 148
Pesticides / herbicides	113	(4 - 301)	4/ 159	89	(3 - 235)	4/ 148
Corrosive cleaners	35	(13 - 58)	6/ 159	31	(11 - 51)	6/ 148
Ammunition and fireworks	0	(0 - 0)	1/ 159	0	(0 - 0)	1/ 148
Compressed gas cylinders	155	(9 - 413)	5/ 159	129	(7 - 347)	5/ 148
Other hazardous chemicals	36	(8 - 79)	12/ 159	27	(5 - 60)	12/ 148
Unknown hazardous chemicals	2	(0 - 7)	1/ 159	2	(0 - 7)	1/ 148
<b>Total packaging</b>	<b>35,797</b>	<b>(32,794 - 38,919)</b>	<b>152/ 159</b>	<b>26,659</b>	<b>(24,297 - 29,046)</b>	<b>145/ 148</b>
<b>total products</b>	<b>107,839</b>	<b>(101,750 - 113,692)</b>	<b>159/ 159</b>	<b>63,347</b>	<b>(59,239 - 67,613)</b>	<b>148/ 148</b>
<b>total non-manufactured</b>	<b>78,124</b>	<b>(72,061 - 84,225)</b>	<b>145/ 159</b>	<b>58,016</b>	<b>(53,691 - 62,382)</b>	<b>140/ 148</b>
<b>total organic</b>	<b>170,859</b>	<b>(164,895 - 176,655)</b>	<b>158/ 159</b>	<b>122,485</b>	<b>(119,396 - 125,431)</b>	<b>148/ 148</b>
<b>total non-organic</b>	<b>50,902</b>	<b>(45,677 - 56,490)</b>	<b>153/ 159</b>	<b>25,537</b>	<b>(22,761 - 28,195)</b>	<b>143/ 148</b>
<b>compostable</b>	<b>115,591</b>	<b>(111,303 - 120,066)</b>	<b>153/ 159</b>	<b>89,225</b>	<b>(85,666 - 92,994)</b>	<b>146/ 148</b>
<b>compostable-target</b>	<b>74,903</b>	<b>(69,627 - 79,863)</b>	<b>146/ 159</b>	<b>59,225</b>	<b>(54,994 - 63,384)</b>	<b>143/ 148</b>
<b>curbside recyclables</b>	<b>40,618</b>	<b>(37,517 - 43,875)</b>	<b>153/ 159</b>	<b>26,115</b>	<b>(26,825 - 30,884)</b>	<b>145/ 148</b>
<b>Recoverable</b>	<b>152,624</b>	<b>(146,606 - 157,977)</b>	<b>159/ 159</b>	<b>104,286</b>	<b>(100,764 - 107,576)</b>	<b>148/ 148</b>
<b>Recyclable &amp; Energy</b>	<b>86,836</b>	<b>(81,327 - 91,816)</b>	<b>158/ 159</b>	<b>51,206</b>	<b>(47,966 - 54,339)</b>	<b>148/ 148</b>
<b>Compostable but not recyclable</b>	<b>65,788</b>	<b>(60,813 - 70,610)</b>	<b>139/ 159</b>	<b>53,080</b>	<b>(49,132 - 56,958)</b>	<b>137/ 148</b>
<b>Not recoverable</b>	<b>69,137</b>	<b>(63,758 - 74,887)</b>	<b>156/ 159</b>	<b>43,736</b>	<b>(40,430 - 47,292)</b>	<b>148/ 148</b>
Water and Residue (contamination)	13,278			10,013		3/ 148



# Table Marion8: Comparing Marion 1998-2005 Composition:

Field Data (page 1 of 2)

Material	2005 Percent	2005 90% Conf. Interval	2002 Percent	2002 90% Conf. Interval	1998 Percent	1998 90% Conf. Interval
<b>TOTAL PAPER</b>	<b>18.45%</b>	<b>(17.09 - 19.65%)</b>	<b>21.95%</b>	<b>(20.61 - 23.29%)</b>	<b>21.45%</b>	<b>(19.82 - 23.22%)</b>
<b>Packaging Paper</b>	<b>7.36%</b>	<b>(6.55 - 8.18%)</b>	<b>10.15%</b>	<b>(9.31 - 10.94%)</b>	<b>9.99%</b>	<b>(8.89 - 11.23%)</b>
Cardboard	3.41%	(2.98 - 3.88%)	3.33%	(2.99 - 3.68%)	4.58%	(3.75 - 5.57%)
Waxed corrugated cardboard	0.09%	(0.03 - 0.15%)				
Low grade unbleached paper	1.89%	(1.57 - 2.25%)				
Polycoats +bleached drink boxes	0.55%	(0.40 - 0.74%)	0.45%	(0.36 - 0.55%)	0.45%	(0.36 - 0.55%)
Non-compostable, non-recyc. paper	1.42%	(1.05 - 1.84%)				
<b>Other (Non-packaging) Paper</b>	<b>11.09%</b>	<b>(10.22 - 11.88%)</b>	<b>11.80%</b>	<b>(10.82 - 12.86%)</b>	<b>11.47%</b>	<b>(10.49 - 12.56%)</b>
Hi grade paper	0.93%	(0.70 - 1.19%)	1.51%	(1.17 - 1.98%)	1.17%	(0.83 - 1.58%)
Newspaper	1.65%	(1.44 - 1.87%)	2.47%	(2.14 - 2.85%)	2.48%	(2.13 - 2.83%)
Magazines	1.00%	(0.79 - 1.25%)	0.92%	(0.75 - 1.10%)	0.87%	(0.66 - 1.12%)
Low grade bleached paper	2.91%	(2.62 - 3.23%)				
Hardcover books	0.32%	(0.14 - 0.54%)	0.11%	(0.05 - 0.19%)	0.10%	(0.04 - 0.18%)
Other compostable nonrecyc. paper	4.27%	(3.87 - 4.68%)				
<i>Low-grade paper combined</i>	5.23%	(4.67 - 5.78%)	5.49%	(5.05 - 5.88%)	6.70%	(6.11 - 7.29%)
<i>Non-recyclable paper combined</i>	6.23%	(5.60 - 6.85%)	8.23%	(7.45 - 8.98%)	5.66%	(4.96 - 6.44%)
<i>All recyclable paper</i>	12.22%	(11.23 - 13.18%)	13.72%		15.80%	
<b>TOTAL PLASTIC</b>	<b>12.02%</b>	<b>(11.09 - 13.17%)</b>	<b>14.17%</b>	<b>(12.38 - 16.50%)</b>	<b>12.97%</b>	<b>(11.31 - 14.72%)</b>
<b>Plastic Packaging</b>	<b>6.72%</b>	<b>(6.16 - 7.32%)</b>	<b>7.62%</b>	<b>(6.83 - 8.53%)</b>	<b>6.34%</b>	<b>(5.39 - 7.43%)</b>
Rigid Plastic Containers (RPCs)	2.14%	(1.96 - 2.34%)	1.88%	(1.73 - 2.03%)	1.58%	(1.29 - 1.90%)
<b>Other plastic packaging</b>	<b>4.57%</b>	<b>(4.12 - 5.10%)</b>	<b>5.74%</b>	<b>(4.97 - 6.66%)</b>	<b>4.76%</b>	<b>(3.85 - 5.81%)</b>
Other rigid plastic packaging	1.10%	(0.98 - 1.25%)	0.98%	(0.89 - 1.06%)	1.24%	(0.89 - 1.71%)
<i>Plastic film packaging - estimated</i>	3.47%	(3.04 - 3.97%)	4.76%	(4.02 - 5.69%)	3.52%	(2.71 - 4.54%)
<b>Plastic Products</b>	<b>5.30%</b>	<b>(4.74 - 6.01%)</b>	<b>6.55%</b>	<b>(5.41 - 8.01%)</b>	<b>6.63%</b>	<b>(5.21 - 8.16%)</b>
Rigid plastic products	3.43%	(2.92 - 4.13%)	3.98%		3.51%	
<i>Plastic film products - estimated</i>	1.87%	(1.64 - 2.14%)	2.57%	(2.17 - 3.07%)	3.12%	(2.06 - 4.17%)
<b>Plastic film - combined</b>	<b>5.34%</b>	<b>(4.68 - 6.11%)</b>	<b>7.33%</b>	<b>(6.20 - 8.76%)</b>	<b>5.26%</b>	<b>(4.31 - 6.42%)</b>
Plastic film - recyclable	0.76%	(0.50 - 1.07%)	1.86%	(1.17 - 2.61%)		
Plastic film - non-recyclable	4.58%	(3.98 - 5.26%)	5.47%	(4.80 - 6.25%)		
<b>OTHER ORGANICS</b>	<b>46.86%</b>	<b>(44.05 - 49.67%)</b>	<b>41.05%</b>	<b>(38.08 - 44.14%)</b>	<b>46.45%</b>	<b>(43.08 - 49.86%)</b>
<b>Yard Debris</b>	<b>3.56%</b>	<b>(2.46 - 4.66%)</b>	<b>2.82%</b>	<b>(1.97 - 3.80%)</b>	<b>4.74%</b>	<b>(3.43 - 6.14%)</b>
Leaves and grass	3.10%	(2.09 - 4.10%)	2.67%	(1.82 - 3.64%)	3.90%	(2.77 - 5.10%)
Small prunings under 2"	0.41%	(0.21 - 0.65%)	0.10%	(0.05 - 0.15%)	0.57%	(0.30 - 0.89%)
Large prunings over 2"	0.04%	(0.01 - 0.10%)	0.05%	(0.02 - 0.09%)	0.04%	(0.00 - 0.07%)
Stumps	0.01%	(0.00 - 0.03%)	0.00%	(0.00 - 0.00%)	0.23%	(0.00 - 0.46%)
<b>All Wood</b>	<b>7.37%</b>	<b>(6.35 - 8.48%)</b>	<b>5.57%</b>	<b>(4.40 - 6.90%)</b>	<b>10.41%</b>	<b>(8.26 - 12.82%)</b>
<b>Clean lumber &amp; hogged fuel</b>	<b>4.39%</b>	<b>(3.61 - 5.22%)</b>	<b>2.74%</b>	<b>(1.92 - 3.88%)</b>	<b>4.70%</b>	<b>(3.34 - 6.16%)</b>
Unpainted lumber	2.67%	(2.10 - 3.29%)	1.46%	(1.21 - 1.73%)		
Hogged fuel	1.72%	(1.23 - 2.31%)	1.28%	(0.60 - 2.40%)		
<b>Painted &amp; treated lumber</b>	<b>0.72%</b>	<b>(0.51 - 0.96%)</b>	<b>0.67%</b>	<b>(0.51 - 0.85%)</b>	<b>2.02%</b>	<b>(1.44 - 2.62%)</b>
Painted lumber	0.68%	(0.47 - 0.91%)	0.64%	(0.48 - 0.81%)		
Chemically-treated lumber	0.04%	(0.02 - 0.07%)	0.03%	(0.01 - 0.07%)		
Wood pallets and crates	0.60%	(0.16 - 1.23%)	0.30%	(0.10 - 0.61%)	1.05%	(0.38 - 1.96%)
Wood furniture	0.79%	(0.53 - 1.10%)	0.34%	(0.16 - 0.56%)	1.41%	(0.50 - 2.66%)
Other wood products	0.28%	(0.15 - 0.42%)	0.10%	(0.06 - 0.14%)	0.28%	(0.15 - 0.43%)
Mixed wood / materials	0.58%	(0.32 - 0.90%)	1.41%	(0.85 - 2.10%)	0.96%	(0.53 - 1.45%)
Food	20.54%	(18.71 - 22.42%)	17.66%	(16.07 - 19.21%)	15.34%	(13.70 - 16.96%)
Tires	0.18%	(0.05 - 0.35%)	0.26%	(0.01 - 0.61%)	0.06%	(0.00 - 0.18%)
Other rubber products	0.37%	(0.18 - 0.60%)	0.51%	(0.34 - 0.72%)	0.24%	(0.18 - 0.32%)
Disposable diapers	2.61%	(2.06 - 3.25%)	2.56%	(2.11 - 2.99%)	2.29%	(1.73 - 2.95%)
Carpet / rugs	1.98%	(1.18 - 2.84%)	1.93%	(0.86 - 3.11%)	4.51%	(2.77 - 6.31%)
Other textiles	2.52%	(2.14 - 2.90%)	1.83%	(1.29 - 2.49%)	1.20%	(1.00 - 1.40%)
Mixed textile / material	1.17%	(0.90 - 1.53%)	1.51%	(1.24 - 1.81%)	1.48%	(0.71 - 2.69%)
Asphalt roofing & tarpaper	4.28%	(2.56 - 6.10%)	2.15%	(1.16 - 3.15%)	3.97%	(1.99 - 5.99%)
Furniture (mixed material)	0.99%	(0.46 - 1.63%)	3.18%	(1.51 - 4.82%)	0.56%	(0.18 - 1.08%)
Other miscellaneous organics	1.28%	(0.84 - 1.84%)	1.07%	(0.85 - 1.30%)	1.64%	

**Table Marion8: Comparing Marion 1998-2005 Composition: Field Data** (page 2 of 2)

Material	2005 Percent	2005 90% Conf. Interval	2002 Percent	2002 90% Conf. Interval	1998 Percent	1998 90% Conf. Interval
<b>GLASS</b>	<b>1.64%</b>	<b>(1.41 - 1.88%)</b>	<b>2.15%</b>	<b>(1.77 - 2.60%)</b>	<b>2.53%</b>	<b>(2.02 - 3.06%)</b>
Deposit Beverage Glass	0.23%	(0.17 - 0.30%)	0.34%	(0.20 - 0.52%)	0.38%	(0.18 - 0.65%)
<b>Other Container Glass</b>	<b>0.87%</b>	<b>(0.70 - 1.02%)</b>	<b>1.05%</b>	<b>(0.90 - 1.21%)</b>	<b>1.44%</b>	<b>(1.13 - 1.76%)</b>
Other clear beverage bottles	0.30%	(0.22 - 0.38%)	0.37%	(0.30 - 0.44%)	0.48%	(0.38 - 0.59%)
Other colored beverage bottles	0.22%	(0.16 - 0.29%)	0.20%	(0.14 - 0.27%)	0.31%	(0.18 - 0.46%)
Clear container glass	0.32%	(0.25 - 0.38%)	0.44%	(0.35 - 0.54%)	0.62%	(0.44 - 0.83%)
Colored container glass	0.03%	(0.01 - 0.04%)	0.04%	(0.02 - 0.06%)	0.03%	(0.02 - 0.05%)
<b>Window and Other Glass</b>	<b>0.54%</b>	<b>(0.38 - 0.75%)</b>	<b>0.76%</b>	<b>(0.48 - 1.14%)</b>	<b>0.71%</b>	<b>(0.39 - 1.02%)</b>
Flat window glass	0.09%	(0.04 - 0.15%)	0.14%	(0.06 - 0.26%)	0.41%	(0.11 - 0.68%)
Fluorescent tubes	0.00%	(0.00 - 0.01%)	0.03%	(0.00 - 0.08%)		
Compact fluorescent lights	0.00%	(0.00 - 0.01%)	0.01%	(0.00 - 0.02%)		
Other nonrecyclable glass	0.45%	(0.28 - 0.67%)	0.58%	(0.33 - 0.95%)	0.31%	(0.20 - 0.42%)
<i>Beverage bottles</i>	<i>0.75%</i>	<i>(0.60 - 0.90%)</i>	<i>0.92%</i>		<i>1.17%</i>	
<b>METAL</b>	<b>7.03%</b>	<b>(6.20 - 7.90%)</b>	<b>8.34%</b>	<b>(6.71 - 10.11%)</b>	<b>6.27%</b>	<b>(5.32 - 7.26%)</b>
<b>Aluminum</b>	<b>0.52%</b>	<b>(0.41 - 0.65%)</b>	<b>0.36%</b>		<b>0.38%</b>	
Aluminum beverage cans	0.12%	(0.10 - 0.13%)	0.14%	(0.12 - 0.17%)	0.10%	(0.08 - 0.11%)
Aluminum foil / food trays	0.20%	(0.14 - 0.29%)	0.18%	(0.15 - 0.20%)	0.14%	(0.11 - 0.18%)
Other aluminum	0.20%	(0.14 - 0.28%)	0.04%	(0.02 - 0.07%)	0.14%	(0.09 - 0.22%)
Other nonferrous metal	0.38%	(0.27 - 0.51%)	0.04%	(0.02 - 0.06%)	0.05%	(0.02 - 0.11%)
Steel (tinned) cans	0.97%	(0.84 - 1.11%)	1.22%	(1.06 - 1.38%)	<b>1.20%</b>	<b>(1.03 - 1.40%)</b>
White goods	0.15%	(0.00 - 0.40%)	0.00%	(0.00 - 0.00%)	0.00%	(0.00 - 0.00%)
Used oil filters	0.07%	(0.03 - 0.13%)	0.16%	(0.06 - 0.29%)	0.06%	(0.03 - 0.09%)
Empty aerosol cans	0.14%	(0.10 - 0.18%)	0.17%	(0.13 - 0.21%)	0.15%	(0.12 - 0.19%)
Other ferrous metal	2.45%	(1.87 - 3.06%)	1.50%	(1.08 - 1.97%)	2.01%	(1.56 - 2.47%)
Mixed ferrous/non-ferrous	0.15%	(0.07 - 0.26%)		Incl below		Incl below
Mixed Metal / Material	0.76%	(0.47 - 1.12%)	2.61%	(1.97 - 3.28%)	1.39%	(1.00 - 1.85%)
<b>Computers, brown goods, sm. appl.</b>	<b>1.45%</b>	<b>(0.95 - 1.98%)</b>	<b>2.45%</b>	<b>(1.29 - 3.83%)</b>	<b>1.09%</b>	
<b>Computers &amp; monitors</b>	<b>0.27%</b>	<b>(0.13 - 0.42%)</b>	<b>0.38%</b>	<b>(0.13 - 0.68%)</b>	<b>0.11%</b>	<b>(0.01 - 0.25%)</b>
Computers excluding monitors	0.27%	(0.13 - 0.42%)	0.38%	(0.13 - 0.68%)		
Computer monitor CRTs	0.00%	(0.00 - 0.00%)	0.00%	(0.00 - 0.00%)		
<b>TVs, other CRTs, brown goods</b>	<b>0.49%</b>	<b>(0.23 - 0.78%)</b>	<b>1.47%</b>	<b>(0.48 - 2.61%)</b>	<b>0.60%</b>	<b>(0.11 - 1.12%)</b>
TVs / Other CRTs	0.07%	(0.00 - 0.20%)	1.38%	(0.40 - 2.52%)		
Other Brown Goods	0.42%	(0.19 - 0.72%)	0.09%	(0.03 - 0.15%)		
Small Appliances-non electronic	0.69%	(0.31 - 1.13%)	0.60%	(0.30 - 0.95%)	0.38%	(0.19 - 0.59%)
<b>OTHER INORGANICS</b>	<b>12.91%</b>	<b>(10.73 - 15.15%)</b>	<b>10.93%</b>	<b>(9.25 - 12.88%)</b>	<b>9.44%</b>	<b>(6.73 - 11.98%)</b>
Rock, concrete,brick	2.71%	(1.51 - 4.05%)	1.61%	(0.88 - 2.51%)	1.00%	(0.38 - 1.75%)
Soil / sand / dirt	1.68%	(0.92 - 2.57%)	2.27%	(1.41 - 3.16%)	1.38%	(0.96 - 1.84%)
Pet litter / animal feces	2.08%	(1.46 - 2.77%)	2.09%	(1.39 - 3.07%)	1.02%	(0.74 - 1.29%)
Gypsum wallboard	4.55%	(3.07 - 6.28%)	2.59%	(1.58 - 3.71%)	<b>4.62%</b>	<b>(2.02 - 7.14%)</b>
Fiberglass Insulation	0.19%	(0.08 - 0.31%)	0.17%	(0.04 - 0.34%)	0.28%	(0.08 - 0.53%)
Other miscellaneous inorganics	1.70%	(1.21 - 2.32%)	2.19%	(1.37 - 2.96%)	1.14%	(0.69 - 1.66%)
"MEDICAL WASTES"	0.48%	(0.10 - 0.98%)	0.04%	(0.01 - 0.07%)	<b>0.08%</b>	<b>(0.02 - 0.16%)</b>
<b>HAZARDOUS MATERIALS</b>	<b>0.61%</b>	<b>(0.36 - 0.92%)</b>	<b>1.37%</b>	<b>(0.74 - 2.08%)</b>	<b>0.80%</b>	<b>(0.54 - 1.08%)</b>
Lead-acid batteries	0.01%	(0.00 - 0.04%)	0.07%	(0.00 - 0.20%)	0.00%	(0.00 - 0.00%)
Dry-cell batteries	0.05%	(0.03 - 0.07%)	0.08%	(0.06 - 0.11%)	0.07%	(0.03 - 0.10%)
Latex paint	0.26%	(0.04 - 0.52%)	0.13%	(0.05 - 0.23%)	0.12%	(0.06 - 0.19%)
Oil paints	0.05%	(0.01 - 0.10%)	0.34%	(0.02 - 0.91%)	0.07%	(0.02 - 0.13%)
Motor oil	0.01%	(0.00 - 0.02%)	0.06%	(0.02 - 0.12%)	0.04%	(0.01 - 0.07%)
Other flammables	0.09%	(0.06 - 0.13%)	0.00%	(0.00 - 0.01%)	0.01%	(0.00 - 0.02%)
Pesticides / herbicides	0.05%	(0.00 - 0.13%)	0.15%	(0.00 - 0.45%)	0.03%	(0.00 - 0.06%)
Corrosive cleaners	0.01%	(0.01 - 0.02%)	0.01%	(0.00 - 0.01%)	0.03%	(0.00 - 0.06%)
Other hazardous chemicals	0.08%		0.36%		0.38%	
<b>Total packaging</b>	<b>18.12%</b>	<b>(16.77 - 19.54%)</b>	<b>21.17%</b>	<b>(19.85 - 22.49%)</b>	<b>20.78%</b>	<b>(19.00 - 22.71%)</b>
<b>total products</b>	<b>49.72%</b>	<b>(47.22 - 52.18%)</b>	<b>51.30%</b>	<b>(48.74 - 53.58%)</b>	<b>53.01%</b>	<b>(50.20 - 55.73%)</b>
<b>total non-manufactured</b>	<b>32.16%</b>	<b>(29.66 - 34.71%)</b>	<b>27.53%</b>	<b>(25.50 - 29.70%)</b>	<b>26.21%</b>	<b>(24.04 - 28.27%)</b>
<b>total organic</b>	<b>78.29%</b>	<b>(75.98 - 80.47%)</b>	<b>78.27%</b>	<b>(75.93 - 80.40%)</b>	<b>81.60%</b>	<b>(78.89 - 84.40%)</b>
<b>total non-organic</b>	<b>21.71%</b>	<b>(19.53 - 24.02%)</b>	<b>21.73%</b>	<b>(19.60 - 24.07%)</b>	<b>18.40%</b>	<b>(15.60 - 21.11%)</b>
<b>compostable</b>	<b>52.08%</b>	<b>(50.35 - 53.91%)</b>	<b>51.54%</b>	<b>(49.55 - 53.36%)</b>	<b>53.58%</b>	<b>(51.14 - 56.19%)</b>
<b>compostable-target</b>	<b>32.83%</b>	<b>(30.77 - 34.91%)</b>	<b>28.25%</b>	<b>(26.58 - 29.84%)</b>	<b>32.02%</b>	<b>(29.66 - 34.61%)</b>

**Table Marion9: Comparing Marion 1998-2005 Composition:**  
**Contamination-corrected Data** (page 1 of 2)

Material	2005 Percent	2005 90% Conf. Interval	2002 Percent	2002 90% Conf. Interval	1998 Percent
<b>TOTAL PAPER</b>	<b>14.78%</b>	<b>(13.53 - 15.97%)</b>	<b>17.09%</b>	<b>(15.89 - 18.36%)</b>	<b>17.45%</b>
<b>Packaging Paper</b>	<b>6.45%</b>	<b>(5.68 - 7.22%)</b>	<b>7.86%</b>	<b>(7.16 - 8.56%)</b>	<b>8.48%</b>
Cardboard	3.05%	(2.61 - 3.51%)	2.78%	(2.42 - 3.14%)	3.85%
Waxed corrugated cardboard	0.11%	(0.04 - 0.19%)			
Low grade unbleached paper	1.46%	(1.16 - 1.80%)			
Polycoats +bleached drink boxes	0.43%	(0.31 - 0.57%)	0.38%	(0.31 - 0.47%)	0.35%
Non-compostable, non-recyc. paper	1.41%	(1.01 - 1.84%)			
<b>Other (Non-packaging) Paper</b>	<b>8.33%</b>	<b>(7.67 - 9.11%)</b>	<b>9.22%</b>	<b>(8.39 - 10.27%)</b>	<b>8.97%</b>
Hi grade paper	1.00%	(0.75 - 1.28%)	1.47%	(1.14 - 1.92%)	1.12%
Newspaper	1.40%	(1.09 - 1.85%)	1.85%	(1.45 - 2.38%)	2.11%
Magazines	0.78%	(0.45 - 1.07%)	0.91%	(0.74 - 1.09%)	0.81%
Low grade bleached paper	2.31%	(2.05 - 2.61%)			
Hardcover books	0.32%	(0.14 - 0.53%)	0.11%	(0.05 - 0.19%)	0.10%
Other compostable nonrecyc. paper	2.52%	(2.26 - 2.80%)			
<i>Low-grade paper combined</i>	<i>4.17%</i>	<i>(3.69 - 4.69%)</i>	<i>4.67%</i>	<i>(4.28 - 5.05%)</i>	<i>5.41%</i>
<i>Non-recyclable paper combined</i>	<i>4.38%</i>	<i>(3.86 - 4.91%)</i>	<i>5.41%</i>	<i>(4.84 - 6.01%)</i>	<i>4.16%</i>
<i>All recyclable paper</i>	<i>10.41%</i>	<i>(9.47 - 11.38%)</i>	<i>11.68%</i>		<i>13.29%</i>
<b>TOTAL PLASTIC</b>	<b>9.64%</b>	<b>(8.69 - 10.72%)</b>	<b>11.32%</b>	<b>(9.67 - 13.27%)</b>	<b>11.01%</b>
<b>Plastic Packaging</b>	<b>4.86%</b>	<b>(4.36 - 5.40%)</b>	<b>5.64%</b>	<b>(5.01 - 6.33%)</b>	<b>5.12%</b>
Rigid Plastic Containers (RPCs)	1.73%	(1.58 - 1.89%)	1.46%	(1.35 - 1.59%)	1.29%
<b>Other plastic packaging</b>	<b>3.13%</b>	<b>(2.68 - 3.62%)</b>	<b>4.18%</b>	<b>(3.56 - 4.88%)</b>	<b>3.82%</b>
Other rigid plastic packaging	0.78%	(0.64 - 0.95%)	0.95%	(0.87 - 1.03%)	1.15%
<i>Plastic film packaging - estimated</i>	<i>2.35%</i>	<i>(1.95 - 2.76%)</i>	<i>3.23%</i>	<i>(2.62 - 3.92%)</i>	<i>2.67%</i>
<b>Plastic Products</b>	<b>4.78%</b>	<b>(4.19 - 5.51%)</b>	<b>5.68%</b>	<b>(4.58 - 7.02%)</b>	<b>5.89%</b>
Rigid plastic products	3.51%	(2.97 - 4.21%)	3.94%		2.85%
<i>Plastic film products - estimated</i>	<i>1.27%</i>	<i>(1.05 - 1.49%)</i>	<i>1.74%</i>	<i>(1.41 - 2.12%)</i>	<i>3.04%</i>
<b>Plastic film - combined</b>	<b>3.62%</b>	<b>(3.01 - 4.25%)</b>	<b>4.97%</b>	<b>(4.03 - 6.03%)</b>	<b>3.89%</b>
Plastic film - recyclable	0.76%	(0.49 - 1.05%)	1.82%	(1.14 - 2.55%)	
Plastic film - non-recyclable	2.86%	(2.34 - 3.43%)	3.15%	(2.74 - 3.63%)	
<b>OTHER ORGANICS</b>	<b>47.32%</b>	<b>(44.48 - 50.16%)</b>	<b>41.96%</b>	<b>(38.91 - 45.01%)</b>	<b>46.26%</b>
<b>Yard Debris</b>	<b>3.62%</b>	<b>(2.52 - 4.75%)</b>	<b>2.85%</b>	<b>(2.00 - 3.84%)</b>	<b>4.77%</b>
Leaves and grass	3.15%	(2.11 - 4.16%)	2.70%	(1.85 - 3.68%)	3.93%
Small prunings under 2"	0.41%	(0.22 - 0.66%)	0.10%	(0.05 - 0.15%)	0.58%
Large prunings over 2"	0.04%	(0.01 - 0.10%)	0.05%	(0.02 - 0.09%)	0.04%
Stumps	0.01%	(0.00 - 0.03%)	0.00%	(0.00 - 0.00%)	0.23%
<b>All Wood</b>	<b>7.19%</b>	<b>(6.17 - 8.31%)</b>	<b>5.48%</b>	<b>(4.30 - 6.79%)</b>	<b>10.28%</b>
<b>Clean lumber &amp; hogged fuel</b>	<b>4.22%</b>	<b>(3.44 - 5.04%)</b>	<b>2.66%</b>	<b>(1.84 - 3.79%)</b>	<b>4.59%</b>
Unpainted lumber	2.51%	(1.92 - 3.12%)	1.38%	(1.13 - 1.66%)	
Hogged fuel	1.71%	(1.23 - 2.30%)	1.28%	(0.60 - 2.38%)	
<b>Painted &amp; treated lumber</b>	<b>0.74%</b>	<b>(0.52 - 0.98%)</b>	<b>0.70%</b>	<b>(0.52 - 0.90%)</b>	<b>2.01%</b>
Painted lumber	0.69%	(0.48 - 0.94%)	0.66%	(0.49 - 0.86%)	
Chemically-treated lumber	0.04%	(0.02 - 0.07%)	0.03%	(0.01 - 0.08%)	
Wood pallets and crates	0.60%	(0.16 - 1.23%)	0.31%	(0.10 - 0.61%)	1.04%
Wood furniture	0.77%	(0.51 - 1.07%)	0.31%	(0.14 - 0.51%)	1.40%
Other wood products	0.28%	(0.16 - 0.42%)	0.10%	(0.07 - 0.15%)	0.28%
Mixed wood / materials	0.58%	(0.31 - 0.89%)	1.41%	(0.86 - 2.10%)	0.96%
Food	21.43%	(19.45 - 23.46%)	18.69%	(16.99 - 20.33%)	15.61%
Tires	0.18%	(0.05 - 0.35%)	0.26%	(0.01 - 0.61%)	0.06%
Other rubber products	0.39%	(0.19 - 0.64%)	0.51%	(0.34 - 0.70%)	0.24%
Disposable diapers	2.61%	(2.06 - 3.25%)	2.57%	(2.12 - 3.01%)	2.29%
Carpet / rugs	1.96%	(1.17 - 2.81%)	1.88%	(0.83 - 3.00%)	4.38%
Other textiles	2.22%	(1.85 - 2.57%)	1.71%	(1.19 - 2.30%)	1.02%
Mixed textile / material	1.08%	(0.84 - 1.43%)	1.50%	(1.22 - 1.80%)	1.48%
Asphalt roofing & tarpaper	4.26%	(2.54 - 6.05%)	2.15%	(1.16 - 3.15%)	3.94%
Furniture (mixed material)	0.99%	(0.46 - 1.63%)	3.18%	(1.51 - 4.82%)	0.56%
Other miscellaneous organics	1.39%	(0.93 - 1.95%)	1.17%	(0.93 - 1.43%)	1.64%

Material	2005 Percent	2005 90% Conf. Interval	2002 Percent	2002 90% Conf. Interval	1998 Percent
<b>GLASS</b>	<b>1.64%</b>	<b>(1.42 - 1.89%)</b>	<b>2.15%</b>	<b>(1.77 - 2.60%)</b>	<b>2.59%</b>
Deposit Beverage Glass	0.23%	(0.17 - 0.29%)	0.34%	(0.20 - 0.51%)	0.38%
<b>Other Container Glass</b>	<b>0.88%</b>	<b>(0.72 - 1.05%)</b>	<b>1.03%</b>	<b>(0.88 - 1.18%)</b>	<b>1.50%</b>
Other clear beverage bottles	0.30%	(0.22 - 0.39%)	0.37%	(0.30 - 0.43%)	0.48%
Other colored beverage bottles	0.22%	(0.16 - 0.29%)	0.20%	(0.14 - 0.26%)	0.30%
Clear container glass	0.34%	(0.26 - 0.42%)	0.43%	(0.34 - 0.54%)	0.68%
Colored container glass	0.02%	(0.01 - 0.04%)	0.04%	(0.02 - 0.06%)	0.03%
<b>Window and Other Glass</b>	<b>0.53%</b>	<b>(0.36 - 0.73%)</b>	<b>0.78%</b>	<b>(0.49 - 1.17%)</b>	<b>0.71%</b>
Flat window glass	0.09%	(0.04 - 0.15%)	0.14%	(0.06 - 0.26%)	0.41%
Fluorescent tubes	0.00%	(0.00 - 0.01%)	0.03%	(0.00 - 0.08%)	
Compact fluorescent lights	0.00%	(0.00 - 0.00%)	0.01%	(0.00 - 0.02%)	
Other nonrecyclable glass	0.43%	(0.27 - 0.64%)	0.60%	(0.34 - 0.98%)	0.31%
<i>Beverage bottles</i>	0.75%	(0.60 - 0.91%)	0.91%		1.17%
<b>METAL</b>	<b>6.82%</b>	<b>(5.99 - 7.69%)</b>	<b>8.13%</b>	<b>(6.49 - 9.93%)</b>	<b>6.11%</b>
<b>Aluminum</b>	<b>0.42%</b>	<b>(0.34 - 0.53%)</b>	<b>0.27%</b>		<b>0.31%</b>
Aluminum beverage cans	0.10%	(0.09 - 0.12%)	0.13%	(0.11 - 0.15%)	0.08%
Aluminum foil / food trays	0.12%	(0.08 - 0.18%)	0.10%	(0.09 - 0.12%)	0.09%
Other aluminum	0.20%	(0.13 - 0.28%)	0.05%	(0.02 - 0.07%)	0.14%
Other nonferrous metal	0.38%	(0.27 - 0.51%)	0.04%	(0.02 - 0.07%)	0.05%
Steel (tinned) cans	0.86%	(0.74 - 0.98%)	1.10%	(0.97 - 1.25%)	1.11%
White goods	0.15%	(0.00 - 0.40%)	0.00%	(0.00 - 0.00%)	0.00%
Used oil filters	0.06%	(0.02 - 0.11%)	0.16%	(0.06 - 0.29%)	0.06%
Empty aerosol cans	0.14%	(0.10 - 0.17%)	0.16%	(0.13 - 0.20%)	0.15%
Other ferrous metal	2.44%	(1.87 - 3.06%)	1.51%	(1.10 - 1.99%)	2.00%
Mixed ferrous/non-ferrous	0.15%	(0.07 - 0.26%)			
Mixed Metal / Material	0.78%	(0.48 - 1.14%)	2.59%	(1.97 - 3.26%)	1.39%
<b>Computers, brown goods, sm. appl.</b>	<b>1.44%</b>	<b>(0.95 - 1.98%)</b>	<b>2.44%</b>	<b>(1.29 - 3.83%)</b>	<b>1.09%</b>
<b>Computers &amp; monitors</b>	<b>0.27%</b>	<b>(0.13 - 0.42%)</b>	<b>0.38%</b>	<b>(0.13 - 0.68%)</b>	<b>0.11%</b>
Computers excluding monitors	0.27%	(0.13 - 0.42%)	0.38%	(0.13 - 0.68%)	
Computer monitor CRTs	0.00%	(0.00 - 0.00%)	0.00%	(0.00 - 0.00%)	
<b>TVs, other CRTs, brown goods</b>	<b>0.49%</b>	<b>(0.23 - 0.78%)</b>	<b>1.47%</b>	<b>(0.48 - 2.61%)</b>	<b>0.60%</b>
TVs / Other CRTs	0.07%	(0.00 - 0.20%)	1.38%	(0.40 - 2.52%)	
Other Brown Goods	0.42%	(0.19 - 0.72%)	0.09%	(0.03 - 0.15%)	
Small Appliances-non electronic	0.69%	(0.31 - 1.13%)	0.60%	(0.30 - 0.95%)	0.38%
<b>OTHER INORGANICS</b>	<b>13.05%</b>	<b>(10.85 - 15.34%)</b>	<b>11.11%</b>	<b>(9.37 - 13.00%)</b>	<b>9.52%</b>
Rock, concrete,brick	2.72%	(1.52 - 4.06%)	1.62%	(0.88 - 2.52%)	1.01%
Soil / sand / dirt	1.80%	(0.99 - 2.77%)	2.34%	(1.45 - 3.25%)	1.39%
Pet litter / animal feces	2.08%	(1.46 - 2.77%)	2.12%	(1.40 - 3.10%)	1.02%
Gypsum wallboard	4.55%	(3.07 - 6.28%)	<b>2.58%</b>	<b>(1.51 - 3.64%)</b>	<b>4.66%</b>
Fiberglass Insulation	0.19%	(0.08 - 0.31%)	0.17%	(0.03 - 0.30%)	0.28%
Other miscellaneous inorganics	1.70%	(1.21 - 2.32%)	2.29%	(1.42 - 3.12%)	1.15%
"MEDICAL WASTES"	0.48%	(0.10 - 0.98%)	<b>0.04%</b>	<b>(0.01 - 0.07%)</b>	<b>0.08%</b>
<b>HAZARDOUS MATERIALS</b>	<b>0.62%</b>	<b>(0.36 - 0.92%)</b>	<b>1.42%</b>	<b>(0.79 - 2.15%)</b>	<b>0.80%</b>
Lead-acid batteries	0.01%	(0.00 - 0.04%)	0.07%	(0.00 - 0.20%)	0.00%
Dry-cell batteries	0.05%	(0.03 - 0.07%)	0.08%	(0.06 - 0.11%)	0.07%
Latex paint	0.26%	(0.04 - 0.52%)	0.16%	(0.06 - 0.29%)	0.12%
Oil paints	0.05%	(0.01 - 0.10%)	0.34%	(0.02 - 0.92%)	0.07%
Motor oil	0.01%	(0.00 - 0.02%)	0.07%	(0.02 - 0.14%)	0.04%
Other flammables	0.09%	(0.06 - 0.13%)	0.00%	(0.00 - 0.01%)	0.01%
Pesticides / herbicides	0.05%	(0.00 - 0.13%)	0.15%	(0.00 - 0.45%)	0.03%
Corrosive cleaners	0.01%	(0.01 - 0.02%)	0.01%	(0.00 - 0.02%)	0.03%
Other hazardous chemicals	0.08%		0.37%		0.38%
<b>Total packaging</b>	<b>15.23%</b>	<b>(13.95 - 16.56%)</b>	<b>16.68%</b>	<b>(15.62 - 17.79%)</b>	
<b>total products</b>	<b>45.88%</b>	<b>(43.29 - 48.37%)</b>	<b>47.75%</b>	<b>(44.93 - 50.17%)</b>	
<b>total non-manufactured</b>	<b>33.24%</b>	<b>(30.66 - 35.83%)</b>	<b>28.79%</b>	<b>(26.73 - 31.07%)</b>	
<b>total organic</b>	<b>72.69%</b>	<b>(70.16 - 75.16%)</b>	<b>71.51%</b>	<b>(69.05 - 73.85%)</b>	
<b>total non-organic</b>	<b>21.66%</b>	<b>(19.43 - 24.03%)</b>	<b>21.71%</b>	<b>(19.47 - 24.04%)</b>	
<b>compostable</b>	<b>49.18%</b>	<b>(47.36 - 51.08%)</b>	<b>47.76%</b>	<b>(45.74 - 49.77%)</b>	
<b>compostable-target</b>	<b>31.87%</b>	<b>(29.62 - 33.98%)</b>	<b>27.72%</b>	<b>(26.04 - 29.37%)</b>	
<b>Water &amp; residue (contamination)</b>	<b>5.65%</b>	<b>(4.79 - 6.68%)</b>	<b>6.78%</b>	<b>(5.75 - 7.96%)</b>	<b>6.18%</b>

**Table Marion10: Marion County Waste Composition by Vehicle Source**  
**2005 Field Data Only** (page 1 of 4)

<b>Material</b>	<b>Residential Route Trucks</b>	<b>Commercial Route Trucks</b>	<b>Mixed Route Trucks</b>	<b>Compacting Drop Boxes</b>	<b>Loose Drop boxes</b>	<b>Regular Self Haul</b>	<b>Waste Processing Facilities</b>	<b>Browns Island Self Haul</b>	<b>Total</b>
<b>Number of Samples</b>	<b>43</b>	<b>12</b>	<b>22</b>	<b>16</b>	<b>20</b>	<b>27</b>	<b>8</b>	<b>11</b>	<b>159</b>
<b>TOTAL PAPER</b>	<b>22.13%</b>	<b>22.91%</b>	<b>21.40%</b>	<b>23.92%</b>	<b>16.91%</b>	<b>12.46%</b>	<b>16.08%</b>	<b>0.91%</b>	<b>18.45%</b>
<b>Packaging Paper</b>	<b>6.46%</b>	<b>8.05%</b>	<b>7.91%</b>	<b>10.85%</b>	<b>8.64%</b>	<b>6.84%</b>	<b>8.97%</b>	<b>0.79%</b>	<b>7.36%</b>
Cardboard	2.91%	4.34%	3.45%	3.49%	3.81%	3.84%	4.53%	0.51%	3.41%
Waxed corrugated cardboard	0.00%	0.11%	0.00%	0.43%	0.30%	0.15%	0.06%	0.00%	0.09%
Low grade unbleached paper	1.86%	1.57%	2.85%	2.57%	1.71%	1.43%	1.80%	0.29%	1.89%
Polycoats +bleached drink boxes	0.67%	0.63%	0.55%	0.61%	1.82%	0.31%	0.11%	0.00%	0.55%
Non-compostable, non-recyc. paper	1.03%	1.39%	1.07%	3.76%	1.00%	1.10%	2.47%	0.00%	1.42%
<b>Other (Non-packaging) Paper</b>	<b>15.67%</b>	<b>14.87%</b>	<b>13.48%</b>	<b>13.07%</b>	<b>8.27%</b>	<b>5.63%</b>	<b>7.11%</b>	<b>0.11%</b>	<b>11.09%</b>
Hi grade paper	0.81%	0.53%	0.95%	1.01%	2.40%	0.75%	1.21%	0.00%	0.93%
Newspaper	2.63%	1.84%	1.98%	1.39%	1.07%	1.61%	0.46%	0.00%	1.65%
Magazines	1.49%	0.49%	1.69%	0.99%	0.61%	0.48%	0.66%	0.00%	1.00%
Low grade bleached paper	3.84%	4.16%	3.55%	3.37%	1.25%	1.57%	2.62%	0.11%	2.91%
Hardcover books	0.27%	0.06%	0.20%	0.04%	0.03%	0.26%	1.28%	0.00%	0.32%
Other compostable nonrecyc. paper	6.63%	7.79%	5.13%	6.27%	2.91%	0.95%	0.87%	0.00%	4.27%
<i>Low-grade paper combined</i>	<i>6.09%</i>	<i>5.83%</i>	<i>6.79%</i>	<i>6.14%</i>	<i>3.19%</i>	<i>3.28%</i>	<i>5.72%</i>	<i>0.39%</i>	<i>5.23%</i>
<i>Non-recyclable paper combined</i>	<i>8.20%</i>	<i>9.89%</i>	<i>6.56%</i>	<i>10.90%</i>	<i>5.82%</i>	<i>2.49%</i>	<i>3.51%</i>	<i>0.00%</i>	<i>6.23%</i>
<i>All recyclable paper</i>	<i>13.93%</i>	<i>13.02%</i>	<i>14.84%</i>	<i>13.02%</i>	<i>11.08%</i>	<i>9.97%</i>	<i>12.58%</i>	<i>0.90%</i>	<i>12.22%</i>
<b>TOTAL PLASTIC</b>	<b>13.80%</b>	<b>13.25%</b>	<b>12.66%</b>	<b>14.27%</b>	<b>16.60%</b>	<b>10.78%</b>	<b>10.12%</b>	<b>0.27%</b>	<b>12.02%</b>
<b>Plastic Packaging</b>	<b>8.96%</b>	<b>6.83%</b>	<b>7.97%</b>	<b>10.00%</b>	<b>5.68%</b>	<b>4.87%</b>	<b>4.14%</b>	<b>0.17%</b>	<b>6.72%</b>
Rigid Plastic Containers (RPCs)	3.12%	2.37%	2.72%	3.12%	1.32%	1.57%	0.76%	0.00%	2.14%
<b>Other plastic packaging</b>	<b>5.84%</b>	<b>4.46%</b>	<b>5.25%</b>	<b>6.88%</b>	<b>4.36%</b>	<b>3.31%</b>	<b>3.38%</b>	<b>0.17%</b>	<b>4.57%</b>
Other rigid plastic packaging	1.41%	1.08%	1.04%	1.19%	0.64%	1.52%	0.91%	0.08%	1.10%
<i>Plastic film packaging - estimated</i>	<i>4.43%</i>	<i>3.38%</i>	<i>4.21%</i>	<i>5.69%</i>	<i>3.72%</i>	<i>1.79%</i>	<i>2.47%</i>	<i>0.09%</i>	<i>3.47%</i>
<b>Plastic Products</b>	<b>4.84%</b>	<b>6.42%</b>	<b>4.69%</b>	<b>4.27%</b>	<b>10.92%</b>	<b>5.90%</b>	<b>5.98%</b>	<b>0.10%</b>	<b>5.30%</b>
Rigid plastic products	2.46%	4.60%	2.42%	1.20%	8.91%	4.94%	4.65%	0.05%	3.43%
<i>Plastic film products - estimated</i>	<i>2.38%</i>	<i>1.82%</i>	<i>2.27%</i>	<i>3.07%</i>	<i>2.01%</i>	<i>0.97%</i>	<i>1.33%</i>	<i>0.05%</i>	<i>1.87%</i>
<b>Plastic film - combined</b>	<b>6.81%</b>	<b>5.20%</b>	<b>6.48%</b>	<b>8.76%</b>	<b>5.73%</b>	<b>2.76%</b>	<b>3.80%</b>	<b>0.14%</b>	<b>5.34%</b>
Plastic film - recyclable	0.63%	0.83%	0.54%	1.62%	2.45%	0.89%	0.18%	0.03%	0.76%
Plastic film - non-recyclable	6.18%	4.38%	5.93%	7.14%	3.28%	1.87%	3.62%	0.11%	4.58%
<i>All PVC-containing items</i>	<i>0.56%</i>	<i>0.80%</i>	<i>0.50%</i>	<i>0.38%</i>	<i>0.47%</i>	<i>1.09%</i>	<i>1.71%</i>	<i>0.05%</i>	<i>0.74%</i>

**Continued Table Marion10: Marion County Waste Composition by Vehicle Source**  
**2005 Field Data Only** (page 2 of 4)

<b>Material</b>	<b>Residential Route Trucks</b>	<b>Commercial Route Trucks</b>	<b>Mixed Route Trucks</b>	<b>Compacting Drop Boxes</b>	<b>Loose Drop boxes</b>	<b>Regular Self Haul</b>	<b>Waste Processing Facilities</b>	<b>Browns Island Self Haul</b>	<b>Total</b>
<b>OTHER ORGANICS</b>	<b>47.15%</b>	<b>49.56%</b>	<b>52.05%</b>	<b>50.55%</b>	<b>48.81%</b>	<b>51.54%</b>	<b>31.43%</b>	<b>45.50%</b>	<b>46.86%</b>
<b>Yard Debris</b>	<b>4.12%</b>	<b>4.08%</b>	<b>6.01%</b>	<b>0.09%</b>	<b>0.91%</b>	<b>6.22%</b>	<b>1.65%</b>	<b>0.03%</b>	<b>3.56%</b>
Leaves and grass	3.61%	4.08%	5.85%	0.06%	0.47%	4.89%	0.90%	0.01%	3.10%
Small prunings under 2"	0.49%	0.00%	0.17%	0.03%	0.27%	1.03%	0.75%	0.02%	0.41%
Large prunings over 2"	0.02%	0.00%	0.00%	0.00%	0.00%	0.30%	0.00%	0.00%	0.04%
Stumps	0.00%	0.00%	0.00%	0.00%	0.17%	0.00%	0.00%	0.00%	0.01%
<b>All Wood</b>	<b>2.21%</b>	<b>2.00%</b>	<b>5.92%</b>	<b>2.31%</b>	<b>7.62%</b>	<b>24.50%</b>	<b>13.38%</b>	<b>0.78%</b>	<b>7.37%</b>
<b>Clean lumber &amp; hogged fuel</b>	<b>0.78%</b>	<b>0.88%</b>	<b>3.68%</b>	<b>2.07%</b>	<b>2.88%</b>	<b>14.32%</b>	<b>9.83%</b>	<b>0.22%</b>	<b>4.39%</b>
Unpainted lumber	0.47%	0.34%	2.74%	0.08%	2.69%	7.74%	6.56%	0.09%	2.67%
Hogged fuel	0.31%	0.53%	0.94%	1.99%	0.19%	6.58%	3.27%	0.14%	1.72%
<b>Painted &amp; treated lumber</b>	<b>0.24%</b>	<b>0.22%</b>	<b>0.01%</b>	<b>0.14%</b>	<b>0.06%</b>	<b>2.86%</b>	<b>1.87%</b>	<b>0.28%</b>	<b>0.72%</b>
Painted lumber	0.24%	0.22%	0.01%	0.14%	0.06%	2.58%	1.85%	0.19%	0.68%
Chemically-treated lumber	0.00%	0.00%	0.00%	0.00%	0.00%	0.28%	0.02%	0.10%	0.04%
Wood pallets and crates	0.02%	0.37%	0.84%	0.00%	0.26%	3.27%	0.00%	0.00%	0.60%
Wood furniture	0.16%	0.37%	0.78%	0.00%	1.03%	2.88%	1.14%	0.00%	0.79%
Other wood products	0.53%	0.08%	0.08%	0.10%	0.87%	0.24%	0.15%	0.00%	0.28%
Mixed wood / materials	0.47%	0.08%	0.53%	0.00%	2.52%	0.92%	0.39%	0.28%	0.58%
Food	27.85%	35.78%	30.02%	36.28%	13.43%	7.00%	1.02%	0.00%	20.54%
Tires	0.00%	0.88%	0.03%	0.00%	0.57%	0.37%	0.09%	0.00%	0.18%
Other rubber products	0.24%	0.19%	0.17%	0.11%	3.25%	0.15%	0.09%	0.00%	0.37%
Disposable diapers	4.88%	1.35%	3.41%	5.74%	0.38%	0.63%	0.37%	0.00%	2.61%
Carpet / rugs	0.61%	0.72%	0.43%	0.14%	16.74%	3.42%	0.75%	0.00%	1.98%
Other textiles	2.66%	2.13%	2.69%	2.15%	1.34%	4.24%	2.78%	0.01%	2.52%
Mixed textile / material	1.51%	0.45%	0.88%	2.32%	0.59%	1.99%	0.86%	0.00%	1.17%
Asphalt roofing & tarpaper	0.20%	0.02%	0.00%	0.00%	0.84%	1.15%	7.88%	44.68%	4.28%
Furniture (mixed material)	1.47%	0.00%	0.61%	0.95%	2.88%	0.43%	1.24%	0.00%	0.99%
Other miscellaneous organics	1.40%	1.96%	1.88%	0.45%	0.26%	1.43%	1.33%	0.00%	1.28%

**Continued Table Marion10: Marion County Waste Composition by Vehicle Source**  
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<b>Material</b>	<b>Residential Route Trucks</b>	<b>Commercial Route Trucks</b>	<b>Mixed Route Trucks</b>	<b>Compacting Drop Boxes</b>	<b>Loose Drop boxes</b>	<b>Regular Self Haul</b>	<b>Waste Processing Facilities</b>	<b>Browns Island Self Haul</b>	<b>Total</b>
<b>GLASS</b>	<b>1.99%</b>	<b>1.11%</b>	<b>2.95%</b>	<b>1.29%</b>	<b>1.10%</b>	<b>1.06%</b>	<b>1.35%</b>	<b>0.00%</b>	<b>1.64%</b>
Deposit Beverage Glass	0.23%	0.27%	0.57%	0.16%	0.13%	0.15%	0.03%	0.00%	0.23%
<b>Other Container Glass</b>	<b>1.40%</b>	<b>0.72%</b>	<b>1.17%</b>	<b>0.99%</b>	<b>0.90%</b>	<b>0.62%</b>	<b>0.08%</b>	<b>0.00%</b>	<b>0.87%</b>
Other clear beverage bottles	0.39%	0.36%	0.55%	0.33%	0.27%	0.13%	0.06%	0.00%	0.30%
Other colored beverage bottles	0.46%	0.09%	0.24%	0.37%	0.15%	0.09%	0.00%	0.00%	0.22%
Clear container glass	0.49%	0.28%	0.37%	0.30%	0.47%	0.35%	0.00%	0.00%	0.32%
Colored container glass	0.06%	0.00%	0.01%	0.00%	0.01%	0.05%	0.02%	0.00%	0.03%
<b>Window and Other Glass</b>	<b>0.35%</b>	<b>0.12%</b>	<b>1.22%</b>	<b>0.14%</b>	<b>0.07%</b>	<b>0.30%</b>	<b>1.25%</b>	<b>0.00%</b>	<b>0.54%</b>
Flat window glass	0.03%	0.04%	0.00%	0.01%	0.00%	0.13%	0.44%	0.00%	0.09%
Fluorescent tubes	0.00%	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Compact fluorescent lights	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other nonrecyclable glass	0.31%	0.09%	1.19%	0.13%	0.07%	0.16%	0.81%	0.00%	0.45%
<i>Beverage bottles</i>	<i>1.09%</i>	<i>0.71%</i>	<i>1.36%</i>	<i>0.86%</i>	<i>0.55%</i>	<i>0.37%</i>	<i>0.09%</i>	<i>0.00%</i>	<i>0.75%</i>
<b>METAL</b>	<b>6.41%</b>	<b>4.96%</b>	<b>7.25%</b>	<b>3.68%</b>	<b>7.90%</b>	<b>9.66%</b>	<b>11.63%</b>	<b>0.35%</b>	<b>7.03%</b>
<b>Aluminum</b>	<b>0.77%</b>	<b>0.26%</b>	<b>0.57%</b>	<b>0.36%</b>	<b>0.28%</b>	<b>0.53%</b>	<b>0.57%</b>	<b>0.01%</b>	<b>0.52%</b>
Aluminum beverage cans	0.17%	0.12%	0.17%	0.09%	0.07%	0.07%	0.07%	0.00%	0.12%
Aluminum foil / food trays	0.46%	0.08%	0.17%	0.21%	0.10%	0.10%	0.03%	0.00%	0.20%
Other aluminum	0.14%	0.06%	0.23%	0.06%	0.11%	0.36%	0.48%	0.01%	0.20%
Steel (tinned) cans	1.58%	0.81%	1.08%	1.09%	0.63%	1.01%	0.26%	0.00%	0.97%
Other nonferrous metal	0.22%	0.73%	0.32%	0.01%	0.09%	0.35%	1.11%	0.01%	0.38%
White goods	0.00%	0.00%	0.00%	0.00%	0.00%	1.20%	0.00%	0.00%	0.15%
Used oil filters	0.06%	0.15%	0.20%	0.00%	0.02%	0.04%	0.00%	0.00%	0.07%
Empty aerosol cans	0.17%	0.23%	0.27%	0.11%	0.09%	0.09%	0.00%	0.00%	0.14%
Other ferrous metal	1.06%	0.78%	1.93%	1.47%	2.35%	4.31%	6.80%	0.34%	2.45%
Mixed ferrous/non-ferrous	0.09%	0.12%	0.48%	0.00%	0.44%	0.05%	0.00%	0.00%	0.15%
Mixed Metal / Material	0.37%	0.53%	0.62%	0.22%	3.87%	0.81%	0.93%	0.00%	0.76%
<b>Computers, brown goods, sm. appli.</b>	<b>2.09%</b>	<b>1.34%</b>	<b>1.77%</b>	<b>0.42%</b>	<b>0.14%</b>	<b>1.28%</b>	<b>1.94%</b>	<b>0.00%</b>	<b>1.45%</b>
<b>Computers &amp; monitors</b>	<b>0.66%</b>	<b>0.09%</b>	<b>0.21%</b>	<b>0.00%</b>	<b>0.06%</b>	<b>0.35%</b>	<b>0.01%</b>	<b>0.00%</b>	<b>0.27%</b>
Computers excluding monitors	0.66%	0.09%	0.21%	0.00%	0.06%	0.35%	0.01%	0.00%	0.27%
Computer monitor CRTs	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>TVs, other CRTs, brown goods</b>	<b>0.60%</b>	<b>1.05%</b>	<b>0.65%</b>	<b>0.11%</b>	<b>0.06%</b>	<b>0.69%</b>	<b>0.19%</b>	<b>0.00%</b>	<b>0.49%</b>
TVs / Other CRTs	0.00%	0.00%	0.00%	0.00%	0.00%	0.54%	0.00%	0.00%	0.07%
Other Brown Goods	0.60%	1.05%	0.65%	0.11%	0.06%	0.15%	0.19%	0.00%	0.42%
Small Appliances-non electronic	0.82%	0.20%	0.92%	0.31%	0.02%	0.23%	1.75%	0.00%	0.69%

**Continued Table Marion10: Marion County Waste Composition by Vehicle Source**  
**2005 Field Data Only** (page 4 of 4)

<b>Material</b>	<b>Residential Route Trucks</b>	<b>Commercial Route Trucks</b>	<b>Mixed Route Trucks</b>	<b>Compacting Drop Boxes</b>	<b>Loose Drop boxes</b>	<b>Regular Self Haul</b>	<b>Waste Processing Facilities</b>	<b>Browns Island Self Haul</b>	<b>Total</b>
<b>OTHER INORGANICS</b>	<b>7.78%</b>	<b>7.92%</b>	<b>3.11%</b>	<b>1.26%</b>	<b>7.22%</b>	<b>13.70%</b>	<b>28.05%</b>	<b>52.97%</b>	<b>12.91%</b>
Rock, concrete,brick	0.57%	2.96%	0.15%	0.00%	0.22%	5.33%	5.90%	12.08%	2.71%
Soil / sand / dirt	0.56%	0.23%	0.32%	0.03%	1.78%	3.12%	3.85%	6.45%	1.68%
Pet litter / animal feces	5.38%	3.93%	0.40%	1.08%	0.39%	1.04%	0.00%	0.00%	2.08%
Gypsum wallboard	0.12%	0.04%	1.60%	0.00%	0.09%	1.30%	13.15%	34.37%	4.55%
Fiberglass Insulation	0.01%	0.00%	0.19%	0.00%	0.00%	0.28%	0.84%	0.06%	0.19%
Other miscellaneous inorganics	1.16%	0.77%	0.45%	0.14%	4.74%	2.63%	4.30%	0.00%	1.70%
"MEDICAL WASTES"	0.12%	0.00%	0.36%	5.00%	0.00%	0.00%	0.00%	0.00%	0.48%
<b>HAZARDOUS MATERIALS</b>	<b>0.62%</b>	<b>0.29%</b>	<b>0.23%</b>	<b>0.03%</b>	<b>1.46%</b>	<b>0.81%</b>	<b>1.33%</b>	<b>0.00%</b>	<b>0.61%</b>
Lead-acid batteries	0.00%	0.00%	0.00%	0.00%	0.20%	0.00%	0.00%	0.00%	0.01%
Dry-cell batteries	0.10%	0.02%	0.05%	0.03%	0.02%	0.03%	0.02%	0.00%	0.05%
Latex paint	0.21%	0.00%	0.00%	0.00%	0.00%	0.31%	1.20%	0.00%	0.26%
Oil paints	0.00%	0.00%	0.00%	0.00%	0.43%	0.11%	0.04%	0.00%	0.05%
Motor oil	0.00%	0.02%	0.00%	0.00%	0.07%	0.02%	0.00%	0.00%	0.01%
Other flammables	0.07%	0.06%	0.13%	0.00%	0.12%	0.25%	0.06%	0.00%	0.09%
Pesticides / herbicides	0.00%	0.06%	0.00%	0.00%	0.59%	0.01%	0.00%	0.00%	0.05%
Corrosive cleaners	0.01%	0.02%	0.00%	0.00%	0.00%	0.07%	0.00%	0.00%	0.01%
Ammunition and fireworks	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Compressed gas cylinders	0.22%	0.00%	0.04%	0.00%	0.02%	0.00%	0.00%	0.00%	0.07%
Other hazardous chemicals	0.01%	0.11%	0.00%	0.00%	0.00%	0.01%	0.01%	0.00%	0.02%
Unknown hazardous chemicals	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%
<b>Total packaging</b>	<b>20.26%</b>	<b>18.01%</b>	<b>21.11%</b>	<b>24.51%</b>	<b>18.90%</b>	<b>17.78%</b>	<b>14.79%</b>	<b>0.97%</b>	<b>18.12%</b>
<b>total products</b>	<b>40.11%</b>	<b>34.24%</b>	<b>41.63%</b>	<b>37.86%</b>	<b>59.78%</b>	<b>57.06%</b>	<b>68.61%</b>	<b>81.23%</b>	<b>49.72%</b>
<b>total non-manufactured</b>	<b>39.62%</b>	<b>47.75%</b>	<b>37.27%</b>	<b>37.63%</b>	<b>21.32%</b>	<b>25.16%</b>	<b>16.60%</b>	<b>17.80%</b>	<b>32.16%</b>
<b>total organic</b>	<b>83.49%</b>	<b>85.97%</b>	<b>86.60%</b>	<b>93.74%</b>	<b>83.54%</b>	<b>75.49%</b>	<b>58.95%</b>	<b>46.67%</b>	<b>78.29%</b>
<b>total non-organic</b>	<b>16.51%</b>	<b>14.03%</b>	<b>13.40%</b>	<b>6.26%</b>	<b>16.46%</b>	<b>24.51%</b>	<b>41.05%</b>	<b>53.33%</b>	<b>21.71%</b>
<b>compostable</b>	<b>64.18%</b>	<b>69.66%</b>	<b>66.63%</b>	<b>65.40%</b>	<b>35.06%</b>	<b>47.81%</b>	<b>27.96%</b>	<b>1.16%</b>	<b>52.08%</b>
<b>compostable-target</b>	<b>39.27%</b>	<b>50.28%</b>	<b>45.63%</b>	<b>43.27%</b>	<b>21.52%</b>	<b>29.27%</b>	<b>11.41%</b>	<b>0.12%</b>	<b>32.83%</b>
<b>curbside recyclables</b>	<b>22.19%</b>	<b>19.27%</b>	<b>23.57%</b>	<b>20.13%</b>	<b>17.15%</b>	<b>18.66%</b>	<b>20.91%</b>	<b>1.26%</b>	<b>19.69%</b>
<b>Recoverable</b>	<b>67.80%</b>	<b>75.27%</b>	<b>76.68%</b>	<b>69.67%</b>	<b>61.11%</b>	<b>70.05%</b>	<b>52.33%</b>	<b>80.79%</b>	<b>68.71%</b>
<b>Recyclable &amp; Energy</b>	<b>29.18%</b>	<b>26.07%</b>	<b>35.42%</b>	<b>26.48%</b>	<b>43.56%</b>	<b>54.68%</b>	<b>48.62%</b>	<b>80.76%</b>	<b>39.94%</b>
<b>Compostable but not recyclable</b>	<b>38.62%</b>	<b>49.19%</b>	<b>41.26%</b>	<b>43.19%</b>	<b>17.55%</b>	<b>15.37%</b>	<b>3.70%</b>	<b>0.04%</b>	<b>28.76%</b>
<b>Not recoverable</b>	<b>32.20%</b>	<b>24.73%</b>	<b>23.32%</b>	<b>30.33%</b>	<b>38.89%</b>	<b>29.95%</b>	<b>47.67%</b>	<b>19.21%</b>	<b>31.29%</b>



**Table Marion11: Confidence Intervals - Waste Composition by Vehicle Source**  
**2005 Field Data Only (90% confidence interval)**  
 (page 1 of 4)

<b>Material</b>	<b>Residential Route Trucks</b>	<b>Commercial Route Trucks</b>	<b>Mixed Route Trucks</b>	<b>Compacting Drop Boxes</b>	<b>Loose Drop boxes</b>	<b>Regular Self Haul</b>	<b>Waste Processing Facilities</b>	<b>Browns Island Self Haul</b>	<b>Total</b>
<b>Number of Samples</b>	<b>43</b>	<b>12</b>	<b>22</b>	<b>16</b>	<b>20</b>	<b>27</b>	<b>8</b>	<b>11</b>	<b>159</b>
<b>TOTAL PAPER</b>	<b>(20.63 - 23.75%)</b>	<b>(18.43 - 26.88%)</b>	<b>(18.04 - 24.46%)</b>	<b>(18.20 - 29.66%)</b>	<b>(10.46 - 23.78%)</b>	<b>(9.98 - 14.87%)</b>	<b>(11.19 - 21.29%)</b>	<b>(0.27 - 1.71%)</b>	<b>(17.09 - 19.65%)</b>
<b>Packaging Paper</b>	<b>(5.58 - 7.51%)</b>	<b>(6.53 - 9.65%)</b>	<b>(6.03 - 10.14%)</b>	<b>(6.26 - 16.17%)</b>	<b>(4.80 - 13.03%)</b>	<b>(5.68 - 7.94%)</b>	<b>(6.20 - 12.02%)</b>	<b>(0.26 - 1.43%)</b>	<b>(6.55 - 8.18%)</b>
Cardboard	(2.05 - 3.95%)	(3.30 - 5.58%)	(2.63 - 4.35%)	(2.16 - 4.88%)	(2.47 - 5.15%)	(3.10 - 4.59%)	(2.63 - 7.00%)	(0.13 - 0.97%)	(2.98 - 3.88%)
Waxed corrugated cardboard	(0.00 - 0.00%)	(0.00 - 0.34%)	(0.00 - 0.00%)	(0.00 - 1.14%)	(0.00 - 0.89%)	(0.00 - 0.38%)	(0.00 - 0.19%)	(0.00 - 0.00%)	(0.03 - 0.15%)
Low grade unbleached paper	(1.63 - 2.10%)	(0.98 - 2.13%)	(1.68 - 4.64%)	(1.28 - 3.87%)	(0.42 - 3.69%)	(0.92 - 2.02%)	(1.08 - 2.47%)	(0.04 - 0.53%)	(1.57 - 2.25%)
Polycoats +bleached drink boxes	(0.57 - 0.78%)	(0.25 - 1.16%)	(0.35 - 0.76%)	(0.34 - 0.87%)	(0.19 - 4.63%)	(0.16 - 0.47%)	(0.04 - 0.18%)	(0.00 - 0.00%)	(0.40 - 0.74%)
Non-compostable, non-recyc. paper	(0.83 - 1.25%)	(0.83 - 1.97%)	(0.59 - 1.56%)	(0.75 - 8.75%)	(0.13 - 2.44%)	(0.55 - 1.69%)	(1.07 - 4.12%)	(0.00 - 0.00%)	(1.05 - 1.84%)
<b>Other (Non-packaging) Paper</b>	<b>(14.41 - 17.07%)</b>	<b>(11.18 - 18.47%)</b>	<b>(11.11 - 15.96%)</b>	<b>(9.53 - 16.80%)</b>	<b>(4.24 - 12.52%)</b>	<b>(3.91 - 7.32%)</b>	<b>(4.76 - 9.27%)</b>	<b>(0.00 - 0.28%)</b>	<b>(10.22 - 11.88%)</b>
Hi grade paper	(0.59 - 1.06%)	(0.24 - 0.88%)	(0.64 - 1.26%)	(0.36 - 1.90%)	(0.51 - 5.01%)	(0.32 - 1.29%)	(0.32 - 2.40%)	(0.00 - 0.00%)	(0.70 - 1.19%)
Newspaper	(2.14 - 3.15%)	(1.27 - 2.43%)	(1.48 - 2.47%)	(0.79 - 2.11%)	(0.43 - 1.74%)	(0.73 - 2.57%)	(0.24 - 0.70%)	(0.00 - 0.00%)	(1.44 - 1.87%)
Magazines	(0.98 - 2.18%)	(0.28 - 0.72%)	(1.08 - 2.44%)	(0.62 - 1.36%)	(0.22 - 1.04%)	(0.24 - 0.73%)	(0.12 - 1.29%)	(0.00 - 0.00%)	(0.79 - 1.25%)
Low grade bleached paper	(3.37 - 4.33%)	(2.58 - 5.65%)	(2.64 - 4.63%)	(2.40 - 4.42%)	(0.52 - 2.07%)	(1.07 - 2.11%)	(1.80 - 3.42%)	(0.00 - 0.27%)	(2.62 - 3.23%)
Hardcover books	(0.06 - 0.54%)	(0.00 - 0.17%)	(0.00 - 0.59%)	(0.00 - 0.13%)	(0.00 - 0.08%)	(0.01 - 0.54%)	(0.21 - 2.87%)	(0.00 - 0.00%)	(0.14 - 0.54%)
Other compostable nonrecyc. paper	(6.02 - 7.30%)	(5.80 - 9.77%)	(3.89 - 6.53%)	(3.34 - 9.87%)	(1.63 - 4.25%)	(0.61 - 1.34%)	(0.51 - 1.22%)	(0.00 - 0.01%)	(3.87 - 4.68%)
<i>Low-grade paper combined</i>	<i>(5.47 - 6.71%)</i>	<i>(3.69 - 7.89%)</i>	<i>(4.98 - 8.82%)</i>	<i>(4.29 - 7.85%)</i>	<i>(1.41 - 5.23%)</i>	<i>(2.38 - 4.18%)</i>	<i>(3.92 - 7.59%)</i>	<i>(0.04 - 0.73%)</i>	<i>(4.67 - 5.78%)</i>
<i>Non-recyclable paper combined</i>	<i>(7.50 - 8.94%)</i>	<i>(7.50 - 12.07%)</i>	<i>(5.09 - 8.13%)</i>	<i>(6.52 - 15.43%)</i>	<i>(2.74 - 9.78%)</i>	<i>(1.68 - 3.39%)</i>	<i>(2.07 - 5.02%)</i>	<i>(0.00 - 0.01%)</i>	<i>(5.60 - 6.85%)</i>
<i>All recyclable paper</i>	<i>(12.61 - 15.34%)</i>	<i>(9.89 - 16.16%)</i>	<i>(12.28 - 17.46%)</i>	<i>(10.11 - 15.73%)</i>	<i>(6.28 - 16.49%)</i>	<i>(7.73 - 12.19%)</i>	<i>(8.73 - 16.72%)</i>	<i>(0.27 - 1.70%)</i>	<i>(11.23 - 13.18%)</i>
<b>TOTAL PLASTIC</b>	<b>(12.58 - 15.23%)</b>	<b>(10.69 - 16.31%)</b>	<b>(9.61 - 16.17%)</b>	<b>(10.50 - 18.34%)</b>	<b>(10.91 - 23.74%)</b>	<b>(8.63 - 13.23%)</b>	<b>(8.55 - 11.75%)</b>	<b>(0.10 - 0.48%)</b>	<b>(11.09 - 13.17%)</b>
<b>Plastic Packaging</b>	<b>(8.26 - 9.76%)</b>	<b>(6.04 - 7.73%)</b>	<b>(5.87 - 10.34%)</b>	<b>(7.36 - 12.82%)</b>	<b>(3.56 - 7.90%)</b>	<b>(3.57 - 6.39%)</b>	<b>(3.19 - 5.10%)</b>	<b>(0.03 - 0.35%)</b>	<b>(6.16 - 7.32%)</b>
Rigid Plastic Containers (RPCs)	(2.84 - 3.44%)	(1.90 - 2.94%)	(2.18 - 3.27%)	(2.29 - 3.92%)	(0.68 - 2.03%)	(0.99 - 2.29%)	(0.34 - 1.18%)	(0.00 - 0.01%)	(1.96 - 2.34%)
<b>Other plastic packaging</b>	<b>(5.26 - 6.51%)</b>	<b>(3.43 - 5.56%)</b>	<b>(3.61 - 7.39%)</b>	<b>(4.76 - 9.10%)</b>	<b>(2.49 - 6.33%)</b>	<b>(2.24 - 4.71%)</b>	<b>(2.56 - 4.32%)</b>	<b>(0.03 - 0.35%)</b>	<b>(4.12 - 5.10%)</b>
Other rigid plastic packaging	(1.25 - 1.59%)	(0.78 - 1.37%)	(0.83 - 1.28%)	(0.76 - 1.63%)	(0.27 - 1.07%)	(0.76 - 2.48%)	(0.55 - 1.24%)	(0.00 - 0.24%)	(0.98 - 1.25%)
<i>Plastic film packaging - estimated</i>	<i>(3.93 - 5.02%)</i>	<i>(2.53 - 4.27%)</i>	<i>(2.64 - 6.44%)</i>	<i>(3.74 - 7.85%)</i>	<i>(1.93 - 5.68%)</i>	<i>(1.22 - 2.40%)</i>	<i>(1.52 - 3.56%)</i>	<i>(0.02 - 0.17%)</i>	<i>(3.04 - 3.97%)</i>
<b>Plastic Products</b>	<b>(4.19 - 5.63%)</b>	<b>(4.30 - 9.00%)</b>	<b>(3.36 - 6.19%)</b>	<b>(3.09 - 5.56%)</b>	<b>(5.66 - 18.58%)</b>	<b>(4.61 - 7.44%)</b>	<b>(4.85 - 7.19%)</b>	<b>(0.03 - 0.17%)</b>	<b>(4.74 - 6.01%)</b>
Rigid plastic products	(1.93 - 3.16%)	(2.73 - 6.74%)	(1.67 - 3.28%)	(0.83 - 1.58%)	(3.63 - 16.89%)	(3.65 - 6.48%)	(3.34 - 6.07%)	(0.00 - 0.15%)	(2.92 - 4.13%)
<i>Plastic film products - estimated</i>	<i>(2.12 - 2.70%)</i>	<i>(1.36 - 2.30%)</i>	<i>(1.42 - 3.47%)</i>	<i>(2.02 - 4.24%)</i>	<i>(1.04 - 3.07%)</i>	<i>(0.66 - 1.30%)</i>	<i>(0.82 - 1.92%)</i>	<i>(0.01 - 0.09%)</i>	<i>(1.64 - 2.14%)</i>
<b>Plastic film - combined</b>	<b>(6.05 - 7.73%)</b>	<b>(3.89 - 6.57%)</b>	<b>(4.07 - 9.91%)</b>	<b>(5.76 - 12.08%)</b>	<b>(2.98 - 8.74%)</b>	<b>(1.88 - 3.70%)</b>	<b>(2.34 - 5.49%)</b>	<b>(0.03 - 0.26%)</b>	<b>(4.68 - 6.11%)</b>
Plastic film - recyclable	(0.48 - 0.82%)	(0.20 - 1.93%)	(0.20 - 0.98%)	(0.17 - 4.31%)	(0.21 - 4.99%)	(0.30 - 1.63%)	(0.07 - 0.30%)	(0.00 - 0.09%)	(0.50 - 1.07%)
Plastic film - non-recyclable	(5.42 - 7.05%)	(3.48 - 5.17%)	(3.63 - 9.12%)	(5.14 - 9.36%)	(1.71 - 5.09%)	(1.30 - 2.47%)	(2.22 - 5.30%)	(0.00 - 0.21%)	(3.98 - 5.26%)
<i>All PVC-containing items</i>	<i>(0.44 - 0.71%)</i>	<i>(0.16 - 1.93%)</i>	<i>(0.17 - 0.86%)</i>	<i>(0.18 - 0.59%)</i>	<i>(0.09 - 1.03%)</i>	<i>(0.56 - 1.83%)</i>	<i>(1.04 - 2.38%)</i>	<i>(0.00 - 0.15%)</i>	<i>(0.58 - 0.92%)</i>

**Continued Table Marion11: Confidence Intervals - Waste Composition by Vehicle Source**  
**2005 Field Data Only (90% confidence interval)** (page 2 of 4)

<b>Material</b>	<b>Residential Route Trucks</b>	<b>Commercial Route Trucks</b>	<b>Mixed Route Trucks</b>	<b>Compacting Drop Boxes</b>	<b>Loose Drop boxes</b>	<b>Regular Self Haul</b>	<b>Waste Processing Facilities</b>	<b>Browns Island Self Haul</b>	<b>Total</b>
<b>OTHER ORGANICS</b>	<b>(44.63 - 49.79%)</b>	<b>(40.84 - 57.76%)</b>	<b>(45.42 - 59.02%)</b>	<b>(41.58 - 59.04%)</b>	<b>(38.27 - 59.70%)</b>	<b>(45.84 - 57.41%)</b>	<b>(24.86 - 38.70%)</b>	<b>(20.51 - 70.68%)</b>	<b>(44.05 - 49.67%)</b>
<b>Yard Debris</b>	<b>(1.85 - 6.77%)</b>	<b>(0.61 - 8.44%)</b>	<b>(3.25 - 9.11%)</b>	<b>(0.02 - 0.17%)</b>	<b>(0.21 - 1.82%)</b>	<b>(1.80 - 12.50%)</b>	<b>(0.64 - 2.70%)</b>	<b>(0.00 - 0.07%)</b>	<b>(2.46 - 4.66%)</b>
Leaves and grass	(1.39 - 6.23%)	(0.61 - 8.44%)	(3.09 - 8.79%)	(0.00 - 0.14%)	(0.00 - 1.38%)	(1.34 - 9.49%)	(0.04 - 1.95%)	(0.00 - 0.02%)	(2.09 - 4.10%)
Small prunings under 2"	(0.17 - 0.92%)	(0.00 - 0.00%)	(0.03 - 0.40%)	(0.00 - 0.08%)	(0.03 - 0.67%)	(0.05 - 2.88%)	(0.31 - 1.21%)	(0.00 - 0.07%)	(0.21 - 0.65%)
Large prunings over 2"	(0.00 - 0.07%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.75%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.01 - 0.10%)
Stumps	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.51%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.03%)
<b>All Wood</b>	<b>(1.40 - 3.19%)</b>	<b>(0.94 - 3.20%)</b>	<b>(3.18 - 8.92%)</b>	<b>(0.25 - 6.02%)</b>	<b>(3.12 - 12.94%)</b>	<b>(18.96 - 30.83%)</b>	<b>(10.47 - 16.80%)</b>	<b>(0.14 - 1.49%)</b>	<b>(6.35 - 8.48%)</b>
<b>Clean lumber &amp; hogged fuel</b>	<b>(0.48 - 1.12%)</b>	<b>(0.33 - 1.51%)</b>	<b>(1.23 - 6.60%)</b>	<b>(0.10 - 5.61%)</b>	<b>(0.78 - 5.66%)</b>	<b>(10.21 - 18.95%)</b>	<b>(7.70 - 12.10%)</b>	<b>(0.00 - 0.44%)</b>	<b>(3.61 - 5.22%)</b>
Unpainted lumber	(0.25 - 0.76%)	(0.12 - 0.60%)	(0.63 - 5.46%)	(0.00 - 0.19%)	(0.58 - 5.45%)	(5.22 - 10.50%)	(5.06 - 8.23%)	(0.00 - 0.26%)	(2.10 - 3.29%)
Hogged fuel	(0.12 - 0.55%)	(0.02 - 1.20%)	(0.22 - 2.00%)	(0.01 - 5.46%)	(0.03 - 0.39%)	(3.55 - 10.43%)	(2.52 - 4.07%)	(0.00 - 0.41%)	(1.23 - 2.31%)
<b>Painted &amp; treated lumber</b>	<b>(0.09 - 0.41%)</b>	<b>(0.05 - 0.43%)</b>	<b>(0.00 - 0.03%)</b>	<b>(0.00 - 0.33%)</b>	<b>(0.02 - 0.12%)</b>	<b>(1.74 - 4.08%)</b>	<b>(0.88 - 3.08%)</b>	<b>(0.00 - 0.85%)</b>	<b>(0.51 - 0.96%)</b>
Painted lumber	(0.09 - 0.41%)	(0.05 - 0.43%)	(0.00 - 0.03%)	(0.00 - 0.33%)	(0.02 - 0.12%)	(1.46 - 3.83%)	(0.85 - 3.08%)	(0.00 - 0.57%)	(0.47 - 0.91%)
Chemically-treated lumber	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.09 - 0.52%)	(0.00 - 0.05%)	(0.00 - 0.29%)	(0.02 - 0.07%)
Wood pallets and crates	(0.00 - 0.05%)	(0.00 - 0.93%)	(0.03 - 1.68%)	(0.00 - 0.00%)	(0.00 - 0.77%)	(0.00 - 8.19%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.16 - 1.23%)
Wood furniture	(0.00 - 0.33%)	(0.00 - 1.11%)	(0.03 - 1.94%)	(0.00 - 0.00%)	(0.00 - 3.08%)	(1.62 - 4.31%)	(0.33 - 1.95%)	(0.00 - 0.00%)	(0.53 - 1.10%)
Other wood products	(0.20 - 0.91%)	(0.01 - 0.16%)	(0.04 - 0.13%)	(0.00 - 0.29%)	(0.03 - 2.41%)	(0.12 - 0.39%)	(0.07 - 0.22%)	(0.00 - 0.00%)	(0.15 - 0.42%)
Mixed wood / materials	(0.00 - 1.35%)	(0.00 - 0.25%)	(0.00 - 1.22%)	(0.00 - 0.00%)	(0.32 - 4.98%)	(0.30 - 1.71%)	(0.15 - 0.65%)	(0.00 - 0.84%)	(0.32 - 0.90%)
Food	(25.31 - 30.41%)	(26.41 - 45.71%)	(23.75 - 36.25%)	(27.17 - 45.50%)	(6.05 - 21.83%)	(4.94 - 9.31%)	(0.14 - 1.98%)	(0.00 - 0.00%)	(18.71 - 22.42%)
Tires	(0.00 - 0.00%)	(0.00 - 2.65%)	(0.00 - 0.10%)	(0.00 - 0.00%)	(0.00 - 1.44%)	(0.00 - 0.90%)	(0.00 - 0.27%)	(0.00 - 0.00%)	(0.05 - 0.35%)
Other rubber products	(0.14 - 0.35%)	(0.09 - 0.29%)	(0.08 - 0.29%)	(0.03 - 0.21%)	(0.59 - 6.63%)	(0.07 - 0.24%)	(0.02 - 0.18%)	(0.00 - 0.00%)	(0.18 - 0.60%)
Disposable diapers	(3.74 - 6.15%)	(0.53 - 2.39%)	(1.74 - 5.21%)	(1.83 - 11.62%)	(0.01 - 0.86%)	(0.26 - 1.09%)	(0.14 - 0.64%)	(0.00 - 0.00%)	(2.06 - 3.25%)
Carpet / rugs	(0.25 - 1.04%)	(0.08 - 1.38%)	(0.00 - 1.23%)	(0.00 - 0.43%)	(6.79 - 27.99%)	(1.61 - 5.37%)	(0.31 - 1.26%)	(0.00 - 0.00%)	(1.18 - 2.84%)
Other textiles	(2.06 - 3.32%)	(1.34 - 3.08%)	(1.68 - 3.73%)	(0.78 - 4.39%)	(0.38 - 2.65%)	(3.04 - 5.64%)	(1.53 - 4.00%)	(0.00 - 0.02%)	(2.14 - 2.90%)
Mixed textile / material	(1.06 - 2.03%)	(0.21 - 0.71%)	(0.50 - 1.31%)	(0.30 - 6.13%)	(0.18 - 1.11%)	(1.19 - 2.96%)	(0.44 - 1.30%)	(0.00 - 0.00%)	(0.90 - 1.53%)
Asphalt roofing & tarpaper	(0.01 - 0.52%)	(0.00 - 0.07%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.01 - 2.45%)	(0.47 - 1.93%)	(3.63 - 12.39%)	(19.77 - 69.81%)	(2.56 - 6.10%)
Furniture (mixed material)	(0.00 - 3.67%)	(0.00 - 0.00%)	(0.00 - 1.44%)	(0.00 - 2.22%)	(0.00 - 8.16%)	(0.00 - 1.05%)	(0.00 - 2.48%)	(0.00 - 0.00%)	(0.46 - 1.63%)
Other miscellaneous organics	(0.97 - 1.93%)	(0.26 - 5.06%)	(0.43 - 4.30%)	(0.23 - 0.68%)	(0.06 - 0.51%)	(0.57 - 2.50%)	(0.18 - 2.55%)	(0.00 - 0.00%)	(0.84 - 1.84%)

**Continued Table Marion11: Confidence Intervals - Waste Composition by Vehicle Source**  
**2005 Field Data Only (90% confidence interval)** (page 3 of 4)

<b>Material</b>	<b>Residential Route Trucks</b>	<b>Commercial Route Trucks</b>	<b>Mixed Route Trucks</b>	<b>Compacting Drop Boxes</b>	<b>Loose Drop boxes</b>	<b>Regular Self Haul</b>	<b>Waste Processing Facilities</b>	<b>Browns Island Self Haul</b>	<b>Total</b>
<b>GLASS</b>	<b>(1.64 - 2.33%)</b>	<b>(0.57 - 1.67%)</b>	<b>(2.05 - 4.09%)</b>	<b>(0.57 - 2.12%)</b>	<b>(0.27 - 2.21%)</b>	<b>(0.62 - 1.57%)</b>	<b>(0.94 - 1.73%)</b>	<b>(0.00 - 0.00%)</b>	<b>(1.41 - 1.88%)</b>
Deposit Beverage Glass	(0.14 - 0.34%)	(0.06 - 0.58%)	(0.32 - 0.87%)	(0.06 - 0.28%)	(0.02 - 0.27%)	(0.04 - 0.31%)	(0.00 - 0.08%)	(0.00 - 0.00%)	(0.17 - 0.30%)
<b>Other Container Glass</b>	<b>(1.10 - 1.69%)</b>	<b>(0.32 - 1.17%)</b>	<b>(0.62 - 1.81%)</b>	<b>(0.38 - 1.65%)</b>	<b>(0.22 - 1.83%)</b>	<b>(0.30 - 0.96%)</b>	<b>(0.00 - 0.19%)</b>	<b>(0.00 - 0.00%)</b>	<b>(0.70 - 1.02%)</b>
Other clear beverage bottles	(0.27 - 0.52%)	(0.15 - 0.57%)	(0.24 - 0.91%)	(0.14 - 0.54%)	(0.08 - 0.52%)	(0.05 - 0.21%)	(0.00 - 0.19%)	(0.00 - 0.00%)	(0.22 - 0.38%)
Other colored beverage bottles	(0.29 - 0.63%)	(0.00 - 0.19%)	(0.07 - 0.46%)	(0.11 - 0.68%)	(0.03 - 0.30%)	(0.02 - 0.18%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.16 - 0.29%)
Clear container glass	(0.38 - 0.60%)	(0.06 - 0.55%)	(0.19 - 0.56%)	(0.12 - 0.47%)	(0.10 - 0.97%)	(0.12 - 0.60%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.25 - 0.38%)
Colored container glass	(0.01 - 0.12%)	(0.00 - 0.00%)	(0.00 - 0.03%)	(0.00 - 0.00%)	(0.00 - 0.04%)	(0.00 - 0.11%)	(0.00 - 0.05%)	(0.00 - 0.00%)	(0.01 - 0.04%)
<b>Window and Other Glass</b>	<b>(0.21 - 0.51%)</b>	<b>(0.01 - 0.27%)</b>	<b>(0.34 - 2.37%)</b>	<b>(0.06 - 0.23%)</b>	<b>(0.02 - 0.14%)</b>	<b>(0.12 - 0.49%)</b>	<b>(0.84 - 1.68%)</b>	<b>(0.00 - 0.00%)</b>	<b>(0.38 - 0.75%)</b>
Flat window glass	(0.01 - 0.06%)	(0.00 - 0.07%)	(0.00 - 0.00%)	(0.00 - 0.04%)	(0.00 - 0.01%)	(0.04 - 0.24%)	(0.08 - 0.90%)	(0.00 - 0.00%)	(0.04 - 0.15%)
Fluorescent tubes	(0.00 - 0.01%)	(0.00 - 0.00%)	(0.00 - 0.06%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.01%)
Compact fluorescent lights	(0.00 - 0.02%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.01%)	(0.00 - 0.01%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.01%)
Other nonrecyclable glass	(0.19 - 0.46%)	(0.00 - 0.26%)	(0.31 - 2.34%)	(0.04 - 0.22%)	(0.02 - 0.13%)	(0.06 - 0.27%)	(0.35 - 1.32%)	(0.00 - 0.00%)	(0.28 - 0.67%)
<i>Beverage bottles</i>	<i>(0.85 - 1.32%)</i>	<i>(0.36 - 1.07%)</i>	<i>(0.77 - 2.03%)</i>	<i>(0.28 - 1.48%)</i>	<i>(0.14 - 1.09%)</i>	<i>(0.17 - 0.63%)</i>	<i>(0.00 - 0.19%)</i>	<i>(0.00 - 0.00%)</i>	<i>(0.60 - 0.90%)</i>
<b>METAL</b>	<b>(5.21 - 7.78%)</b>	<b>(2.92 - 7.41%)</b>	<b>(5.00 - 9.80%)</b>	<b>(1.92 - 5.89%)</b>	<b>(4.39 - 12.68%)</b>	<b>(6.92 - 12.55%)</b>	<b>(7.81 - 15.38%)</b>	<b>(0.19 - 0.52%)</b>	<b>(6.20 - 7.90%)</b>
<b>Aluminum</b>	<b>(0.50 - 1.13%)</b>	<b>(0.20 - 0.32%)</b>	<b>(0.39 - 0.81%)</b>	<b>(0.20 - 0.53%)</b>	<b>(0.08 - 0.55%)</b>	<b>(0.25 - 0.89%)</b>	<b>(0.27 - 0.91%)</b>	<b>(0.00 - 0.02%)</b>	<b>(0.41 - 0.65%)</b>
Aluminum beverage cans	(0.14 - 0.22%)	(0.08 - 0.16%)	(0.13 - 0.22%)	(0.06 - 0.12%)	(0.03 - 0.12%)	(0.04 - 0.11%)	(0.03 - 0.10%)	(0.00 - 0.01%)	(0.10 - 0.13%)
Aluminum foil / food trays	(0.25 - 0.80%)	(0.03 - 0.13%)	(0.11 - 0.24%)	(0.10 - 0.34%)	(0.03 - 0.18%)	(0.04 - 0.18%)	(0.01 - 0.05%)	(0.00 - 0.00%)	(0.14 - 0.29%)
Other aluminum	(0.05 - 0.25%)	(0.02 - 0.11%)	(0.07 - 0.43%)	(0.00 - 0.19%)	(0.00 - 0.31%)	(0.11 - 0.72%)	(0.20 - 0.77%)	(0.00 - 0.02%)	(0.14 - 0.28%)
Steel (tinned) cans	(1.38 - 1.78%)	(0.50 - 1.18%)	(0.75 - 1.44%)	(0.57 - 1.89%)	(0.18 - 1.17%)	(0.52 - 1.59%)	(0.12 - 0.44%)	(0.00 - 0.00%)	(0.84 - 1.11%)
Other nonferrous metal	(0.09 - 0.38%)	(0.09 - 1.45%)	(0.05 - 0.65%)	(0.00 - 0.03%)	(0.02 - 0.18%)	(0.10 - 0.67%)	(0.57 - 1.67%)	(0.00 - 0.02%)	(0.27 - 0.51%)
White goods	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 3.27%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.40%)
Used oil filters	(0.02 - 0.11%)	(0.02 - 0.32%)	(0.00 - 0.51%)	(0.00 - 0.00%)	(0.00 - 0.05%)	(0.00 - 0.10%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.03 - 0.13%)
Empty aerosol cans	(0.13 - 0.22%)	(0.16 - 0.30%)	(0.10 - 0.48%)	(0.03 - 0.19%)	(0.04 - 0.14%)	(0.04 - 0.15%)	(0.00 - 0.01%)	(0.00 - 0.00%)	(0.10 - 0.18%)
Other ferrous metal	(0.60 - 1.62%)	(0.21 - 1.43%)	(0.83 - 3.26%)	(0.07 - 3.99%)	(0.73 - 4.35%)	(2.50 - 6.39%)	(3.63 - 10.79%)	(0.16 - 0.51%)	(1.87 - 3.06%)
Mixed ferrous/non-ferrous	(0.02 - 0.18%)	(0.00 - 0.36%)	(0.06 - 1.04%)	(0.00 - 0.00%)	(0.08 - 0.87%)	(0.02 - 0.09%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.07 - 0.26%)
Mixed Metal / Material	(0.17 - 0.63%)	(0.06 - 1.07%)	(0.12 - 1.23%)	(0.05 - 0.45%)	(0.73 - 8.50%)	(0.38 - 1.28%)	(0.29 - 1.62%)	(0.00 - 0.00%)	(0.47 - 1.12%)
<b>Computers, brown goods, sm. appl.</b>	<b>(1.13 - 3.13%)</b>	<b>(0.31 - 2.76%)</b>	<b>(0.64 - 3.18%)</b>	<b>(0.00 - 0.91%)</b>	<b>(0.02 - 0.28%)</b>	<b>(0.45 - 2.22%)</b>	<b>(0.11 - 5.04%)</b>	<b>(0.00 - 0.00%)</b>	<b>(0.95 - 1.98%)</b>
<b>Computers &amp; monitors</b>	<b>(0.24 - 1.15%)</b>	<b>(0.00 - 0.28%)</b>	<b>(0.00 - 0.63%)</b>	<b>(0.00 - 0.00%)</b>	<b>(0.00 - 0.18%)</b>	<b>(0.07 - 0.70%)</b>	<b>(0.00 - 0.02%)</b>	<b>(0.00 - 0.00%)</b>	<b>(0.13 - 0.42%)</b>
Computers excluding monitors	(0.24 - 1.15%)	(0.00 - 0.28%)	(0.00 - 0.63%)	(0.00 - 0.00%)	(0.00 - 0.18%)	(0.07 - 0.70%)	(0.00 - 0.02%)	(0.00 - 0.00%)	(0.13 - 0.42%)
Computer monitor CRTs	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)
<b>TVs, other CRTs, brown goods</b>	<b>(0.08 - 1.44%)</b>	<b>(0.00 - 2.47%)</b>	<b>(0.01 - 1.86%)</b>	<b>(0.00 - 0.32%)</b>	<b>(0.00 - 0.19%)</b>	<b>(0.06 - 1.72%)</b>	<b>(0.00 - 0.40%)</b>	<b>(0.00 - 0.00%)</b>	<b>(0.23 - 0.78%)</b>
TVs / Other CRTs	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 1.62%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.20%)
Other Brown Goods	(0.08 - 1.44%)	(0.00 - 2.47%)	(0.01 - 1.86%)	(0.00 - 0.32%)	(0.00 - 0.19%)	(0.04 - 0.29%)	(0.00 - 0.40%)	(0.00 - 0.00%)	(0.19 - 0.72%)
Small Appliances-non electronic	(0.24 - 1.53%)	(0.00 - 0.42%)	(0.13 - 1.75%)	(0.00 - 0.65%)	(0.00 - 0.05%)	(0.03 - 0.55%)	(0.03 - 5.01%)	(0.00 - 0.00%)	(0.31 - 1.13%)

**Continued Table Marion11: Confidence Intervals - Waste Composition by Vehicle Source**  
**2005 Field Data Only (90% confidence interval)** (page 4 of 4)

<b>Material</b>	<b>Residential Route Trucks</b>	<b>Commercial Route Trucks</b>	<b>Mixed Route Trucks</b>	<b>Compacting Drop Boxes</b>	<b>Loose Drop boxes</b>	<b>Regular Self Haul</b>	<b>Waste Processing Facilities</b>	<b>Browns Island Self Haul</b>	<b>Total</b>
<b>OTHER INORGANICS</b>	<b>(6.15 - 9.54%)</b>	<b>(0.75 - 15.31%)</b>	<b>(1.79 - 4.71%)</b>	<b>(0.18 - 2.43%)</b>	<b>(1.78 - 15.25%)</b>	<b>(9.16 - 18.53%)</b>	<b>(20.20 - 37.07%)</b>	<b>(27.87 - 77.99%)</b>	<b>(10.73 - 15.15%)</b>
Rock, concrete,brick	(0.04 - 1.46%)	(0.00 - 8.79%)	(0.03 - 0.30%)	(0.00 - 0.00%)	(0.00 - 0.50%)	(2.17 - 8.86%)	(3.22 - 9.42%)	(0.43 - 31.41%)	(1.51 - 4.05%)
Soil / sand / dirt	(0.18 - 1.07%)	(0.00 - 0.69%)	(0.00 - 0.65%)	(0.00 - 0.10%)	(0.00 - 4.06%)	(1.15 - 5.41%)	(0.62 - 7.14%)	(0.00 - 18.42%)	(0.92 - 2.57%)
Pet litter / animal feces	(3.99 - 6.86%)	(0.06 - 11.27%)	(0.09 - 0.83%)	(0.09 - 2.17%)	(0.12 - 0.70%)	(0.19 - 1.97%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(1.46 - 2.77%)
Gypsum wallboard	(0.01 - 0.28%)	(0.00 - 0.11%)	(0.40 - 3.19%)	(0.00 - 0.00%)	(0.00 - 0.21%)	(0.47 - 2.34%)	(9.13 - 17.96%)	(14.08 - 58.49%)	(3.07 - 6.28%)
Fiberglass Insulation	(0.00 - 0.01%)	(0.00 - 0.00%)	(0.00 - 0.58%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.09 - 0.52%)	(0.22 - 1.59%)	(0.00 - 0.15%)	(0.08 - 0.31%)
Other miscellaneous inorganics	(0.47 - 1.98%)	(0.21 - 1.47%)	(0.28 - 0.67%)	(0.02 - 0.30%)	(0.14 - 12.78%)	(1.27 - 4.28%)	(2.94 - 5.65%)	(0.00 - 0.00%)	(1.21 - 2.32%)
"MEDICAL WASTES"	(0.00 - 0.33%)	(0.00 - 0.00%)	(0.03 - 0.73%)	(0.02 - 11.45%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.01%)	(0.00 - 0.00%)	(0.10 - 0.98%)
<b>HAZARDOUS MATERIALS</b>	<b>(0.25 - 1.05%)</b>	<b>(0.07 - 0.56%)</b>	<b>(0.07 - 0.41%)</b>	<b>(0.00 - 0.06%)</b>	<b>(0.39 - 2.84%)</b>	<b>(0.39 - 1.30%)</b>	<b>(0.06 - 2.65%)</b>	<b>(0.00 - 0.00%)</b>	<b>(0.36 - 0.92%)</b>
Lead-acid batteries	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.61%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.04%)
Dry-cell batteries	(0.05 - 0.16%)	(0.00 - 0.05%)	(0.01 - 0.11%)	(0.00 - 0.06%)	(0.01 - 0.04%)	(0.00 - 0.08%)	(0.00 - 0.05%)	(0.00 - 0.00%)	(0.03 - 0.07%)
Latex paint	(0.01 - 0.51%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.03 - 0.71%)	(0.00 - 2.40%)	(0.00 - 0.00%)	(0.04 - 0.52%)
Oil paints	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 1.28%)	(0.00 - 0.33%)	(0.00 - 0.13%)	(0.00 - 0.00%)	(0.01 - 0.10%)
Motor oil	(0.00 - 0.00%)	(0.00 - 0.04%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.22%)	(0.01 - 0.04%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.02%)
Other flammables	(0.03 - 0.11%)	(0.01 - 0.12%)	(0.03 - 0.25%)	(0.00 - 0.00%)	(0.03 - 0.23%)	(0.03 - 0.53%)	(0.00 - 0.11%)	(0.00 - 0.00%)	(0.06 - 0.13%)
Pesticides / herbicides	(0.00 - 0.01%)	(0.00 - 0.17%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 1.78%)	(0.00 - 0.03%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.13%)
Corrosive cleaners	(0.00 - 0.03%)	(0.00 - 0.05%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.01 - 0.13%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.01 - 0.02%)
Ammunition and fireworks	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)
Compressed gas cylinders	(0.00 - 0.63%)	(0.00 - 0.00%)	(0.00 - 0.08%)	(0.00 - 0.00%)	(0.00 - 0.07%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.18%)
Other hazardous chemicals	(0.00 - 0.02%)	(0.00 - 0.34%)	(0.00 - 0.00%)	(0.00 - 0.01%)	(0.00 - 0.01%)	(0.00 - 0.02%)	(0.00 - 0.02%)	(0.00 - 0.00%)	(0.00 - 0.03%)
Unknown hazardous chemicals	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.03%)	(0.00 - 0.00%)	(0.00 - 0.00%)	(0.00 - 0.00%)
<b>Total packaging</b>	<b>(18.66 - 21.96%)</b>	<b>(15.55 - 20.46%)</b>	<b>(17.17 - 24.59%)</b>	<b>(18.99 - 30.28%)</b>	<b>(11.82 - 25.92%)</b>	<b>(13.89 - 22.65%)</b>	<b>(11.11 - 18.78%)</b>	<b>(0.37 - 1.56%)</b>	<b>(16.77 - 19.54%)</b>
<b>total products</b>	<b>(37.68 - 42.73%)</b>	<b>(26.65 - 42.35%)</b>	<b>(35.69 - 48.10%)</b>	<b>(29.59 - 46.96%)</b>	<b>(46.91 - 72.53%)</b>	<b>(50.25 - 63.58%)</b>	<b>(62.81 - 74.68%)</b>	<b>(61.15 - 97.85%)</b>	<b>(47.22 - 52.18%)</b>
<b>total non-manufactured</b>	<b>(36.56 - 42.46%)</b>	<b>(38.42 - 56.94%)</b>	<b>(30.46 - 44.17%)</b>	<b>(28.38 - 46.90%)</b>	<b>(11.74 - 31.39%)</b>	<b>(18.27 - 32.65%)</b>	<b>(11.96 - 21.88%)</b>	<b>(0.86 - 38.15%)</b>	<b>(29.66 - 34.71%)</b>
<b>total organic</b>	<b>(81.66 - 85.27%)</b>	<b>(78.34 - 93.06%)</b>	<b>(82.79 - 89.88%)</b>	<b>(91.22 - 96.30%)</b>	<b>(75.55 - 90.44%)</b>	<b>(70.96 - 80.03%)</b>	<b>(53.02 - 64.64%)</b>	<b>(21.67 - 71.70%)</b>	<b>(75.98 - 80.47%)</b>
<b>total non-organic</b>	<b>(14.73 - 18.34%)</b>	<b>(6.94 - 21.66%)</b>	<b>(10.12 - 17.21%)</b>	<b>(3.70 - 8.78%)</b>	<b>(9.56 - 24.45%)</b>	<b>(19.97 - 29.04%)</b>	<b>(35.36 - 46.98%)</b>	<b>(28.30 - 78.33%)</b>	<b>(19.53 - 24.02%)</b>
<b>compostable</b>	<b>(61.39 - 66.84%)</b>	<b>(65.18 - 74.02%)</b>	<b>(61.31 - 72.16%)</b>	<b>(58.24 - 71.70%)</b>	<b>(24.24 - 45.92%)</b>	<b>(42.20 - 53.69%)</b>	<b>(24.82 - 31.47%)</b>	<b>(0.36 - 2.04%)</b>	<b>(50.35 - 53.91%)</b>
<b>compostable-target</b>	<b>(36.59 - 41.83%)</b>	<b>(42.71 - 57.46%)</b>	<b>(38.70 - 52.92%)</b>	<b>(33.04 - 52.34%)</b>	<b>(13.26 - 30.33%)</b>	<b>(23.28 - 36.14%)</b>	<b>(9.96 - 12.98%)</b>	<b>(0.01 - 0.28%)</b>	<b>(30.77 - 34.91%)</b>
<b>curbside recyclables</b>	<b>(20.38 - 24.07%)</b>	<b>(16.00 - 22.75%)</b>	<b>(20.32 - 26.80%)</b>	<b>(16.34 - 23.50%)</b>	<b>(10.86 - 24.28%)</b>	<b>(14.59 - 22.94%)</b>	<b>(14.53 - 28.07%)</b>	<b>(0.56 - 2.15%)</b>	<b>(18.25 - 21.10%)</b>
<b>Recoverable</b>	<b>(64.86 - 70.57%)</b>	<b>(68.43 - 81.58%)</b>	<b>(72.96 - 80.55%)</b>	<b>(60.80 - 77.35%)</b>	<b>(50.83 - 69.98%)</b>	<b>(64.80 - 74.78%)</b>	<b>(45.29 - 58.39%)</b>	<b>(60.51 - 98.31%)</b>	<b>(66.37 - 70.92%)</b>
<b>Recyclable &amp; Energy</b>	<b>(26.91 - 31.31%)</b>	<b>(21.22 - 31.16%)</b>	<b>(31.00 - 40.20%)</b>	<b>(21.19 - 31.80%)</b>	<b>(33.50 - 53.25%)</b>	<b>(47.96 - 61.00%)</b>	<b>(41.25 - 55.54%)</b>	<b>(60.48 - 98.29%)</b>	<b>(37.60 - 42.09%)</b>
<b>Compostable but not recyclable</b>	<b>(35.88 - 41.27%)</b>	<b>(41.49 - 56.70%)</b>	<b>(34.50 - 47.86%)</b>	<b>(32.98 - 52.31%)</b>	<b>(9.55 - 26.33%)</b>	<b>(10.10 - 21.93%)</b>	<b>(2.47 - 4.85%)</b>	<b>(0.00 - 0.07%)</b>	<b>(26.76 - 30.68%)</b>
<b>Not recoverable</b>	<b>(29.43 - 35.14%)</b>	<b>(18.42 - 31.57%)</b>	<b>(19.45 - 27.04%)</b>	<b>(22.65 - 39.20%)</b>	<b>(30.02 - 49.17%)</b>	<b>(25.22 - 35.20%)</b>	<b>(41.61 - 54.71%)</b>	<b>(1.69 - 39.49%)</b>	<b>(29.08 - 33.63%)</b>