

2015 Pierce County Waste Characterization Results

388,000 tons		Aggregate			Single Family Residential			Multifamily Residential			Residential Self Haul			Commercial			Commercial Self Haul			Efficiency			
Cat.	No. Material Categories	90% Confidence Interval			90% Confidence Interval			90% Confidence Interval			90% Confidence Interval			90% Confidence Interval			90% Confidence Interval			90% Confidence Interval			
		% Comp.	Lower Bound	Upper Bound	% Comp.	Lower Bound	Upper Bound	% Comp.	Lower Bound	Upper Bound	% Comp.	Lower Bound	Upper Bound	% Comp.	Lower Bound	Upper Bound	% Comp.	Lower Bound	Upper Bound	% Comp.	Lower Bound	Upper Bound	
	Paper																						
	1 Newspaper	0.74%	0.60%	0.89%	0.52%	0.41%	0.64%	2.03%	1.11%	3.21%	0.16%	0.05%	0.32%	1.03%	0.52%	1.72%	0.17%	0.05%	0.37%	1.54%	0.75%	2.60%	
	2 Cardboard & Kraft Paper	2.46%	2.06%	2.90%	1.08%	0.93%	1.24%	3.78%	2.63%	5.13%	4.76%	2.23%	8.18%	2.36%	1.62%	3.22%	4.82%	1.76%	9.29%	3.18%	2.19%	4.36%	
	3 Paperboard	1.34%	1.17%	1.53%	1.31%	1.18%	1.46%	3.16%	2.49%	3.92%	0.92%	0.42%	1.62%	1.37%	0.90%	1.94%	0.01%	0.00%	0.02%	1.51%	1.06%	2.04%	
	4 Magazine/Catalogs	0.48%	0.38%	0.58%	0.59%	0.45%	0.75%	0.91%	0.40%	1.63%	0.12%	0.04%	0.23%	0.32%	0.14%	0.57%	0.00%	0.00%	0.00%	0.52%	0.30%	0.80%	
	5 Cartons and Coated Paperboard	0.64%	0.55%	0.74%	0.61%	0.54%	0.68%	0.98%	0.71%	1.29%	0.64%	0.26%	1.21%	0.64%	0.34%	1.05%	0.00%	0.00%	0.00%	1.18%	0.80%	1.64%	
	6 Aseptic Packages	0.13%	0.10%	0.15%	0.17%	0.14%	0.20%	0.16%	0.09%	0.24%	0.03%	0.01%	0.07%	0.08%	0.05%	0.13%	0.00%	0.00%	0.00%	0.17%	0.09%	0.28%	
	7 Mixed Recyclable Paper	2.47%	2.08%	2.88%	2.35%	1.90%	2.84%	3.61%	2.40%	5.06%	1.90%	0.86%	3.34%	2.80%	1.57%	4.36%	2.30%	0.75%	4.66%	2.32%	1.71%	3.03%	
	8 Contaminated Paper	12.09%	10.85%	13.39%	14.89%	14.20%	15.58%	10.90%	9.51%	12.36%	4.15%	1.98%	7.06%	18.28%	14.49%	22.42%	0.66%	0.20%	1.39%	13.70%	11.42%	16.15%	
	9 Other Non-Recyclable Paper	0.15%	0.13%	0.18%	0.19%	0.15%	0.22%	0.20%	0.12%	0.31%	0.08%	0.03%	0.17%	0.12%	0.08%	0.18%	0.00%	0.00%	0.00%	0.17%	0.10%	0.26%	
	Total Paper	20.50%	18.80%	22.24%	21.70%	20.65%	22.77%	25.73%	22.30%	29.31%	12.77%	7.65%	18.98%	27.01%	22.79%	31.44%	7.97%	3.31%	14.43%	24.29%	21.91%	26.75%	
	Plastic																						
	10 Pop and Water Bottles (1)	1.09%	0.96%	1.23%	1.02%	0.91%	1.13%	2.24%	1.84%	2.67%	0.96%	0.47%	1.61%	1.28%	0.93%	1.68%	0.04%	0.01%	0.09%	1.42%	1.09%	1.78%	
	11 All other Bottle & Jugs (2)	0.77%	0.68%	0.87%	0.77%	0.70%	0.85%	1.33%	1.07%	1.61%	0.53%	0.24%	0.93%	0.86%	0.66%	1.10%	0.00%	0.00%	0.01%	1.27%	0.99%	1.59%	
	12 Compatible Plastic Containers	0.83%	0.70%	0.96%	0.94%	0.82%	1.07%	1.53%	0.95%	2.24%	0.66%	0.27%	1.22%	0.68%	0.35%	1.13%	0.01%	0.00%	0.03%	0.74%	0.40%	1.18%	
	13 Non-Compatible Other Plastics	4.60%	4.15%	5.07%	5.52%	5.21%	5.84%	5.19%	4.52%	5.90%	3.46%	1.91%	5.45%	4.96%	3.80%	6.27%	0.27%	0.10%	0.53%	4.94%	4.24%	5.69%	
	14 StyrofoamTM	0.62%	0.55%	0.69%	0.77%	0.69%	0.85%	0.77%	0.61%	0.94%	0.35%	0.18%	0.57%	0.57%	0.41%	0.77%	0.11%	0.03%	0.23%	0.57%	0.43%	0.74%	
	15 Plastic Shopping Bags	0.32%	0.28%	0.36%	0.43%	0.37%	0.49%	0.51%	0.43%	0.59%	0.10%	0.05%	0.17%	0.26%	0.16%	0.40%	0.00%	0.00%	0.00%	0.22%	0.18%	0.27%	
	16 Plastic Film	4.52%	4.08%	4.99%	5.55%	5.29%	5.82%	4.34%	3.79%	4.93%	1.76%	0.91%	2.88%	6.20%	4.94%	7.59%	0.51%	0.17%	1.02%	5.11%	4.44%	5.81%	
	Total Plastic	12.75%	11.66%	13.87%	14.99%	14.48%	15.50%	15.89%	14.82%	16.99%	7.82%	4.64%	11.74%	14.83%	12.60%	17.20%	0.96%	0.39%	1.77%	14.27%	13.46%	15.09%	
	Glass																						
	17 Clear Glass	2.90%	2.54%	3.28%	3.82%	3.45%	4.20%	3.97%	3.18%	4.85%	1.42%	0.56%	2.66%	2.27%	1.59%	3.07%	0.00%	0.00%	0.01%	2.56%	1.87%	3.35%	
	18 Brown Glass	1.46%	1.25%	1.69%	1.70%	1.48%	1.93%	1.82%	1.14%	2.64%	1.20%	0.48%	2.26%	2.18%	1.28%	3.31%	0.00%	0.00%	0.00%	0.95%	0.65%	1.30%	
	19 Green Glass	0.90%	0.75%	1.08%	1.11%	0.91%	1.34%	1.04%	0.59%	1.60%	0.37%	0.10%	0.82%	1.25%	0.60%	2.13%	0.00%	N/A	N/A	0.89%	0.49%	1.41%	
	20 Other Glass	0.77%	0.60%	0.95%	0.46%	0.35%	0.59%	0.63%	0.33%	1.03%	0.21%	0.06%	0.44%	2.21%	0.98%	3.92%	1.77%	0.52%	3.74%	0.33%	0.15%	0.58%	
	Total Glass	6.03%	5.34%	6.75%	7.09%	6.51%	7.69%	7.46%	5.92%	9.17%	3.21%	1.55%	5.44%	7.92%	5.52%	10.70%	1.78%	0.53%	3.73%	4.72%	3.66%	5.90%	
	Metal																						
	21 Steel Cans	0.87%	0.75%	1.00%	0.91%	0.82%	1.02%	1.19%	0.93%	1.48%	0.90%	0.35%	1.69%	1.03%	0.60%	1.56%	0.00%	0.00%	0.01%	1.08%	0.72%	1.51%	
	22 Aluminum Cans	0.59%	0.51%	0.66%	0.59%	0.52%	0.66%	0.91%	0.73%	1.10%	0.59%	0.29%	0.99%	0.61%	0.42%	0.84%	0.03%	0.01%	0.05%	0.86%	0.65%	1.10%	
	23 Aerosol Cans	0.18%	0.15%	0.21%	0.25%	0.20%	0.30%	0.14%	0.08%	0.22%	0.04%	0.01%	0.07%	0.11%	0.06%	0.18%	0.01%	0.00%	0.01%	0.26%	0.16%	0.39%	
	24 Large Appliances	0.10%	0.07%	0.14%	0.08%	0.05%	0.12%	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A	0.42%	0.11%	0.93%	0.23%	0.05%	0.53%	
	25 Other Ferrous Metals	1.68%	1.38%	2.01%	1.39%	1.12%	1.68%	1.29%	0.86%	1.81%	3.15%	1.43%	5.53%	1.12%	0.57%	1.86%	2.74%	0.82%	5.75%	1.37%	0.77%	2.14%	
	26 Other Non-Ferrous Metals	1.05%	0.86%	1.25%	0.82%	0.71%	0.94%	0.83%	0.60%	1.10%	1.12%	0.41%	2.17%	0.49%	0.34%	0.67%	3.09%	0.93%	6.44%	0.73%	0.47%	1.04%	
	Total Metal	4.46%	3.94%	5.02%	4.03%	3.65%	4.43%	4.36%	3.79%	4.97%	5.79%	3.25%	9.00%	3.36%	2.46%	4.40%	6.28%	2.41%	11.82%	4.52%	3.59%	5.56%	
	Organics																						
	27 Food Waste: Edible/Program Compatible	2.99%	2.60%	3.42%	3.89%	3.46%	4.34%	2.88%	1.90%	4.05%	1.02%	0.45%	1.83%	3.78%	2.32%	5.57%	0.02%	0.01%	0.04%	3.17%	2.08%	4.48%	
	28 Food Waste: Edible/Non-Compatible	8.05%	7.12%	9.04%	8.90%	8.30%	9.51%	8.60%	7.20%	10.11%	5.44%	2.47%	9.49%	14.05%	9.57%	19.23%	0.04%	0.01%	0.08%	8.28%	6.36%	10.43%	
	29 Food Waste: Inedible/Compatible	4.39%	3.85%	4.96%	6.05%	5.55%	6.58%	3.66%	2.73%	4.71%	2.01%	0.78%	3.81%	3.39%	2.35%	4.61%	0.01%	0.00%	0.02%	5.25%	4.08%	6.57%	
	30 Food Waste: Inedible/Non-Compatible	1.12%	0.92%	1.33%	1.20%	1.03%	1.38%	0.75%	0.51%	1.04%	2.48%	0.68%	5.36%	1.14%	0.77%	1.58%	0.00%	0.00%	0.00%	0.73%	0.40%	1.17%	
	31 Food Waste: K-Cups	0.39%	0.33%	0.45%	0.57%	0.49%	0.66%	0.28%	0.17%	0.41%	0.02%	0.01%	0.04%	0.26%	0.13%	0.44%	0.00%	0.00%	0.00%	0.52%	0.28%	0.83%	
	32 Yard Waste	3.72%	2.94%	4.60%	3.77%	2.85%	4.82%	1.08%	0.53%	1.80%	5.97%	1.83%	12.30%	2.15%	1.01%	3.70%	3.03%	0.75%	6.78%	6.42%	2.88%	11.24%	
	33 Land Clearing Debris	0.62%	0.39%	0.91%	0.00%	N/A	N/A	0.00%	N/A	N/A	5.86%	0.99%	14.40%	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A	
	34 Other Organic Waste	4.40%	3.74%	5.12%	6.84%	5.87%	7.87%	4.25%	2.97%	5.75%	0.79%	0.36%	1.39%	1.94%	1.00%	3.17%	0.03%	0.01%	0.06%	3.61%	1.79%	6.03%	
	Total Organics	25.69%	23.16%	28.29%	31.23%	29.81%	32.66%	21.49%	18.82%	24.28%	23.60%	11.69%	38.14%	26.71%	20.54%	33.38%	3.13%	0.83%	6.81%	27.99%	23.76%	32.42%	
	C&D Waste																						
	35 Gypsum Wallboard	1.95%	1.31%	2.72%	0.18%	0.11%	0.26%	0.32%	0.08%	0.72%	1.24%	0.37%	2.61%	0.03%	0.01%	0.07%	15.65%	4.16%	32.64%	0.38%	0.10%	0.83%	
	36 Concrete	0.38%	0.29%	0.48%	0.41%	0.28%	0.56%	0.09%	0.03%	0.18%	0.01%	0.00%	0.03%	0.87%	0.33%	1.66%	0.00%	0.00%	0.00%	0.86%	0.28%	1.74%	
	37 Insulation	1.50%	0.98%	2.12%	0.13%	0.09%	0.17%	0.19%	0.07%	0.38%	0.16%	0.05%	0.33%	0.06%	0.03%	0.10%	13.06%	2.98%	28.77%	0.09%	0.05%	0.15%	
	38 Carpet	0.38%	0.28%	0.50%	0.28%	0.17%	0.41%	0.16%	0.04%	0.35%	1.68%	0.62%	3.26%	0.14%	0.04%	0.30%	0.17%	0.05%	0.36%	0.22%	0.05%	0.50%	
	39 Untreated Lumber	3.43%	2.55%	4.43%	0.60%	0.48%	0.73%	0.76%	0.35%	1.32%	9.78%	3.41%	18.96%	0.50%	0.27%	0.81%	17.57%	6.83%	31.95%	1.14%	0.59%	1.88%	
	40 Treated Wood Waste	3.56%	2.70%	4.55%	1.22%	0.95%	1.53%	1.43%	0.70%	2.41%	3.08%	1.07%	6.09%	1.99%	0.86%	3.57%	19.38%	7.26%	35.57%	2.50%	1.31%	4.05%	
	41 Asphalt Roofing	0.65%	0.45%	0.89%	0.05%	0.03%	0.08%	0.00%	N/A	N/A	0.00%	N/A	N/A	0.05%	0.01%	0.10%	5.84%	1.72%	12.18%	0.03%	0.01%	0.07%	
	42 Pallets	0.01%	0.01%	0.01%	0.00%	N/A	N/A	0.00%	N/A	N/A	0.08%	0.02%	0.17%	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A	
	43 Other Construction Debris	0.77%	0.54%	1.03%	0.07%	0.04%	0.10%	0.00%	0.00%	0.01%	2.69%	0.65%	6.06%	0.07%	0.02%	0.15%	4.06%	1.21%	8.48%	0.10%	0.02%	0.22%	
	44 Asphalt	0.04%	0.03%	0.05%	0.00%	0.00%	0.00%	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A	0.43%	0.10%	0.99%	
	Total C&D Waste	12.68%	9.76																				

Hazardous Waste																					
45 Paints/Adhesives	0.05%	0.04%	0.07%	0.04%	0.03%	0.06%	0.00%	N/A	N/A	0.24%	0.06%	0.53%	0.00%	N/A	N/A	0.01%	0.00%	0.03%	0.02%	0.00%	0.04%
46 Cleaners	0.01%	0.01%	0.01%	0.02%	0.01%	0.03%	0.01%	0.00%	0.03%	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A
47 Pesticides/Herbicides	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A
48 Vehicle & Equipment Fluids	0.10%	0.07%	0.13%	0.13%	0.08%	0.19%	0.05%	0.01%	0.11%	0.04%	0.01%	0.09%	0.07%	0.02%	0.15%	0.00%	N/A	N/A	0.20%	0.05%	0.46%
49 Car Batteries	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A
50 Alkaline Batteries	0.17%	0.14%	0.20%	0.23%	0.19%	0.27%	0.19%	0.12%	0.27%	0.14%	0.05%	0.27%	0.03%	0.01%	0.06%	0.03%	0.01%	0.06%	0.22%	0.11%	0.36%
51 Other Batteries	0.03%	0.02%	0.04%	0.06%	0.04%	0.08%	0.01%	0.00%	0.02%	0.00%	N/A	N/A	0.01%	0.00%	0.02%	0.00%	N/A	N/A	0.00%	N/A	N/A
52 Fluorescent Light Tubes & Compacts	0.02%	0.02%	0.03%	0.03%	0.02%	0.04%	0.03%	0.01%	0.06%	0.00%	N/A	N/A	0.01%	0.00%	0.02%	0.00%	N/A	N/A	0.04%	0.01%	0.10%
53 Gasoline	0.01%	0.01%	0.02%	0.01%	0.01%	0.02%	0.03%	0.01%	0.06%	0.00%	N/A	N/A	0.03%	0.01%	0.07%	0.00%	N/A	N/A	0.01%	0.00%	0.03%
54 Explosives	0.02%	0.01%	0.03%	0.03%	0.02%	0.04%	0.02%	0.01%	0.05%	0.03%	0.01%	0.07%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
55 Medical Waste	0.27%	0.20%	0.35%	0.20%	0.13%	0.27%	0.20%	0.08%	0.36%	0.01%	0.00%	0.02%	0.13%	0.05%	0.25%	0.00%	N/A	N/A	1.56%	0.54%	3.09%
56 Medicine (Rx Only)	0.06%	0.05%	0.08%	0.07%	0.05%	0.10%	0.13%	0.06%	0.23%	0.00%	N/A	N/A	0.02%	0.01%	0.05%	0.08%	0.02%	0.18%	0.04%	0.01%	0.08%
57 E-Cycle Products	0.14%	0.10%	0.19%	0.05%	0.03%	0.08%	0.06%	0.02%	0.14%	0.01%	0.00%	0.02%	0.24%	0.06%	0.53%	0.00%	N/A	N/A	0.92%	0.26%	1.97%
58 All Other E-Waste	0.09%	0.06%	0.11%	0.11%	0.07%	0.16%	0.06%	0.02%	0.13%	0.00%	N/A	N/A	0.17%	0.05%	0.37%	0.00%	N/A	N/A	0.09%	0.02%	0.21%
59 Other Hazardous Waste	0.03%	0.02%	0.05%	0.04%	0.02%	0.05%	0.00%	N/A	N/A	0.01%	0.00%	0.02%	0.02%	0.01%	0.04%	0.00%	0.00%	0.00%	0.15%	0.04%	0.33%
Total Hazardous Waste	1.01%	0.84%	1.20%	1.01%	0.83%	1.21%	0.80%	0.53%	1.12%	0.48%	0.18%	0.93%	0.75%	0.32%	1.34%	0.12%	0.03%	0.27%	3.25%	1.71%	5.27%
Other Waste																					
60 Tires	0.07%	0.05%	0.09%	0.13%	0.08%	0.20%	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A	0.00%	N/A	N/A
61 Mattresses/Box Springs	0.07%	0.05%	0.10%	0.00%	N/A	N/A	0.00%	N/A	N/A	0.26%	0.08%	0.53%	0.00%	N/A	N/A	0.43%	0.13%	0.91%	0.00%	N/A	N/A
62 Furniture/Bulky	2.33%	1.59%	3.19%	0.33%	0.19%	0.50%	0.00%	N/A	N/A	17.75%	5.90%	34.17%	0.00%	N/A	N/A	1.91%	0.56%	4.04%	0.89%	0.20%	2.06%
63 Small Appliances	1.13%	0.89%	1.40%	1.08%	0.79%	1.41%	1.54%	0.85%	2.43%	2.58%	0.87%	5.15%	0.82%	0.34%	1.52%	0.00%	0.00%	0.01%	0.92%	0.37%	1.71%
64 Textiles and Leather	3.26%	2.83%	3.71%	3.79%	3.32%	4.29%	4.93%	3.84%	6.14%	1.90%	0.78%	3.49%	2.87%	1.83%	4.12%	1.47%	0.49%	2.96%	2.64%	1.70%	3.78%
65 Diapers	3.65%	3.08%	4.26%	4.66%	4.07%	5.29%	6.99%	4.26%	10.33%	1.51%	0.45%	3.20%	2.25%	1.05%	3.90%	0.00%	0.00%	0.01%	2.81%	1.78%	4.06%
66 All Other Waste	3.97%	3.54%	4.42%	4.56%	4.22%	4.91%	4.78%	3.98%	5.64%	1.87%	0.94%	3.09%	5.49%	4.31%	6.80%	0.21%	0.06%	0.45%	4.99%	3.75%	6.40%
67 Liquids	1.57%	1.34%	1.81%	1.44%	1.24%	1.66%	1.98%	1.43%	2.61%	1.45%	0.65%	2.55%	3.25%	1.97%	4.83%	0.01%	0.00%	0.01%	1.79%	1.27%	2.40%
68 Fines	1.18%	1.03%	1.34%	1.46%	1.31%	1.63%	1.39%	1.14%	1.67%	0.29%	0.11%	0.56%	1.64%	1.19%	2.15%	0.00%	0.00%	0.00%	1.30%	0.90%	1.78%
Total Other Waste	17.22%	15.31%	19.21%	17.46%	16.38%	18.57%	21.61%	17.73%	25.75%	27.60%	13.93%	43.84%	16.32%	13.56%	19.28%	4.03%	1.29%	8.19%	15.34%	12.80%	18.07%
Total	100.32%			100.45%			100.28%			100.00%			100.61%			100.00%			100.12%		