

Streets Division 2016 Diversion Statistics

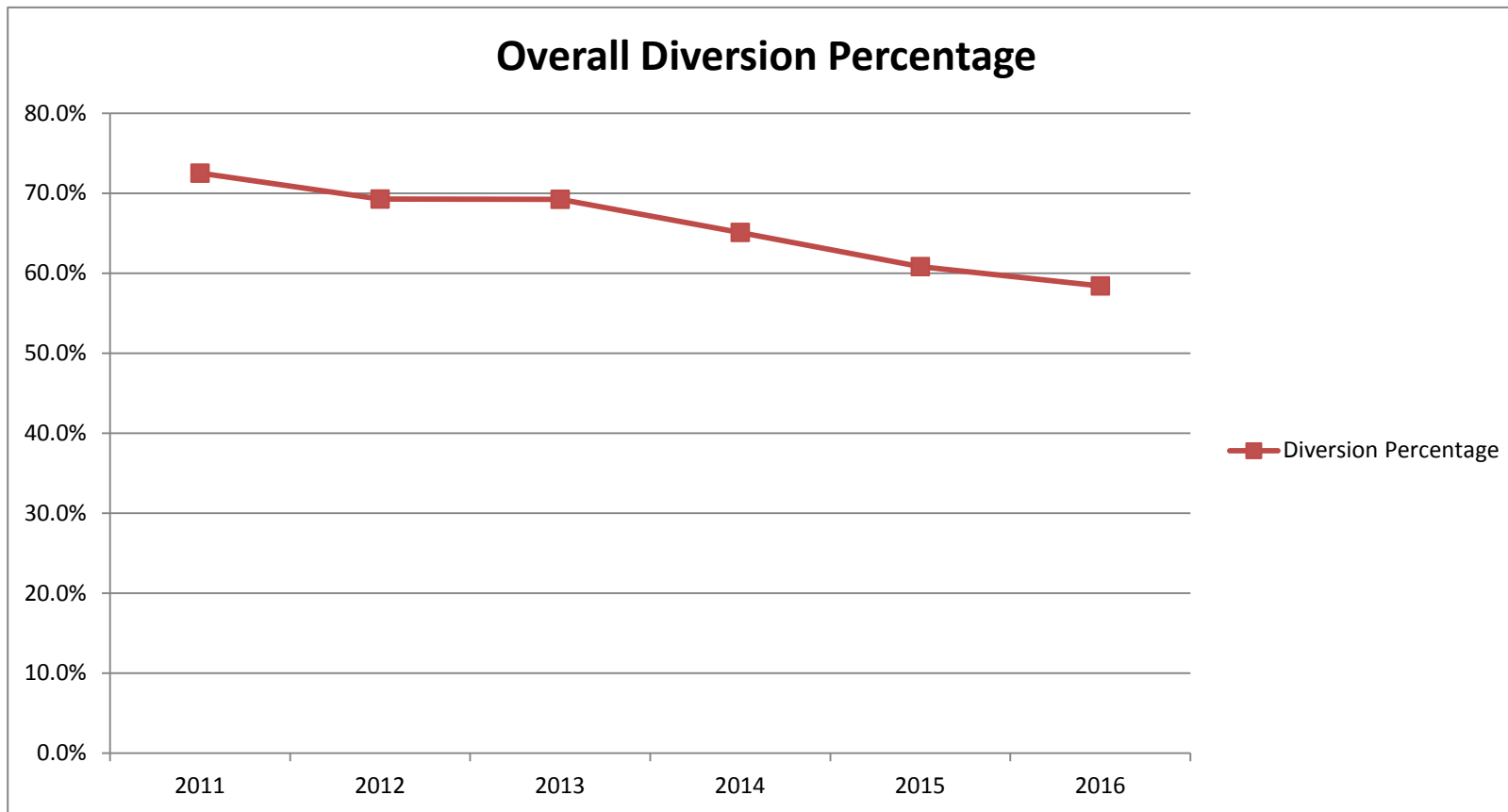
	Tons Collected	Tons Recycled	Diversion Percentage
Total	187,273.02	109,392.98	58.41%
Refuse	44,866.15	0.00	0.00%
Large Items	7,664.71	3,636.09	47.44%
Recyclables	20,518.88	19,378.99	94.44%
Leaf Collection	15,774.36	15,774.36	100.00%
Yard Waste Drop Off	3,036.67	3,036.67	100.00%
Brush	17,208.49	17,208.49	100.00%
Home Composting	7,076.85	7,076.85	100.00%
In House Metal	108.31	108.31	100.00%
Waste Oil	72.31	72.31	100.00%
Oil Filters	3.22	3.22	100.00%
Rigid Plastic	132.70	132.70	100.00%
Tires	39.20	39.20	100.00%
Computers/Electronics	358.56	358.56	100.00%
Move Out ReUse	65.90	65.90	100.00%
Madison Stuff Exchange	12.74	12.74	100.00%
Styrofoam	20.96	20.96	100.00%
Vehicle Batteries	26.06	26.06	100.00%
Household Batteries	7.21	7.21	100.00%
Shoes/Textiles	4.84	4.84	100.00%
Construction & Demolition	69,872.79	42,027.42	60.15%
Organics Program	334.32	334.32	100.00%
Monona Terrace Composting	22.40	22.40	100.00%
Parks/Mall Recycling	45.39	45.39	100.00%
Mattresses and Box Springs	207.28	207.28	100.00%

Overall Comparisons

Year	Tons Collected	Tons Recycled	Diversion Percentage
2011	177,635.83	128,805.80	72.5%
2012	163,183.50	113,041.58	69.3%
2013	190,405.51	131,842.10	69.2%
2014	176,109.01	114,652.82	65.1%
2015	160,215.06	97,459.65	60.8%
2016	187,273.02	109,392.98	58.4%

Diversion percentage practically unchanged, yet another decline in C&D recycling percentage supressing overall number. Madison still well above EPA's estimate of 34% of material diverted from the landfill.

Overall Diversion Percentage



Overall Weights for all Material



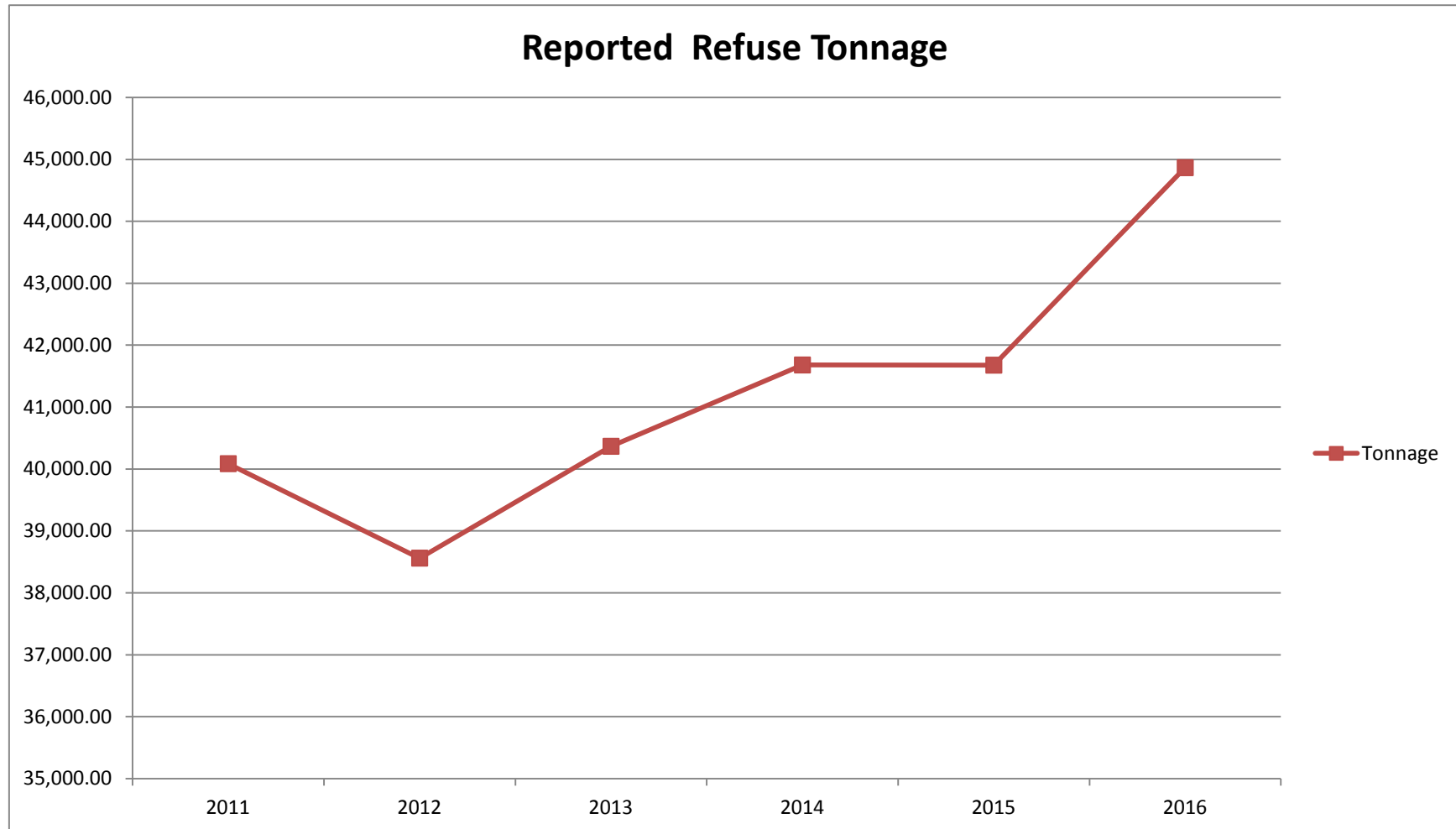
Refuse Comparisons

Year	Tonnage
2011	40,086.19
2012	38,561.00
2013	40,366.76
2014	41,679.88
2015	41,676.93
2016	44,866.15

2016 Refuse Breakdown	Tons
East Streets Division	21987.44
West Streets Division	20548.02
School District	1540.13
Parks Department	404.27
Mall/Parks	304
Farmer's Market	13.41
West - Forestry	11.4
Shake the Lake	11.13
Halloween on State	7.23
Olbrich	7.09
Water Utility - Olin	6.79
Art Fair on Square	6.2
La Fete	5.98
Emil St. Engineering	4.02
Willy St. Festival	2.83
Atwood Fest	2.44
Capitol Square Special	1.55
Greek Fest	1.05
Maxwell Street	1.01
Parks Construction	0.16

		Percent of Overall Refuse Total
Streets Division	42535.46	94.8%
Other Total:	2330.69	5.2%

Prior to 2016, reported tonnage did not include "Other" totals.

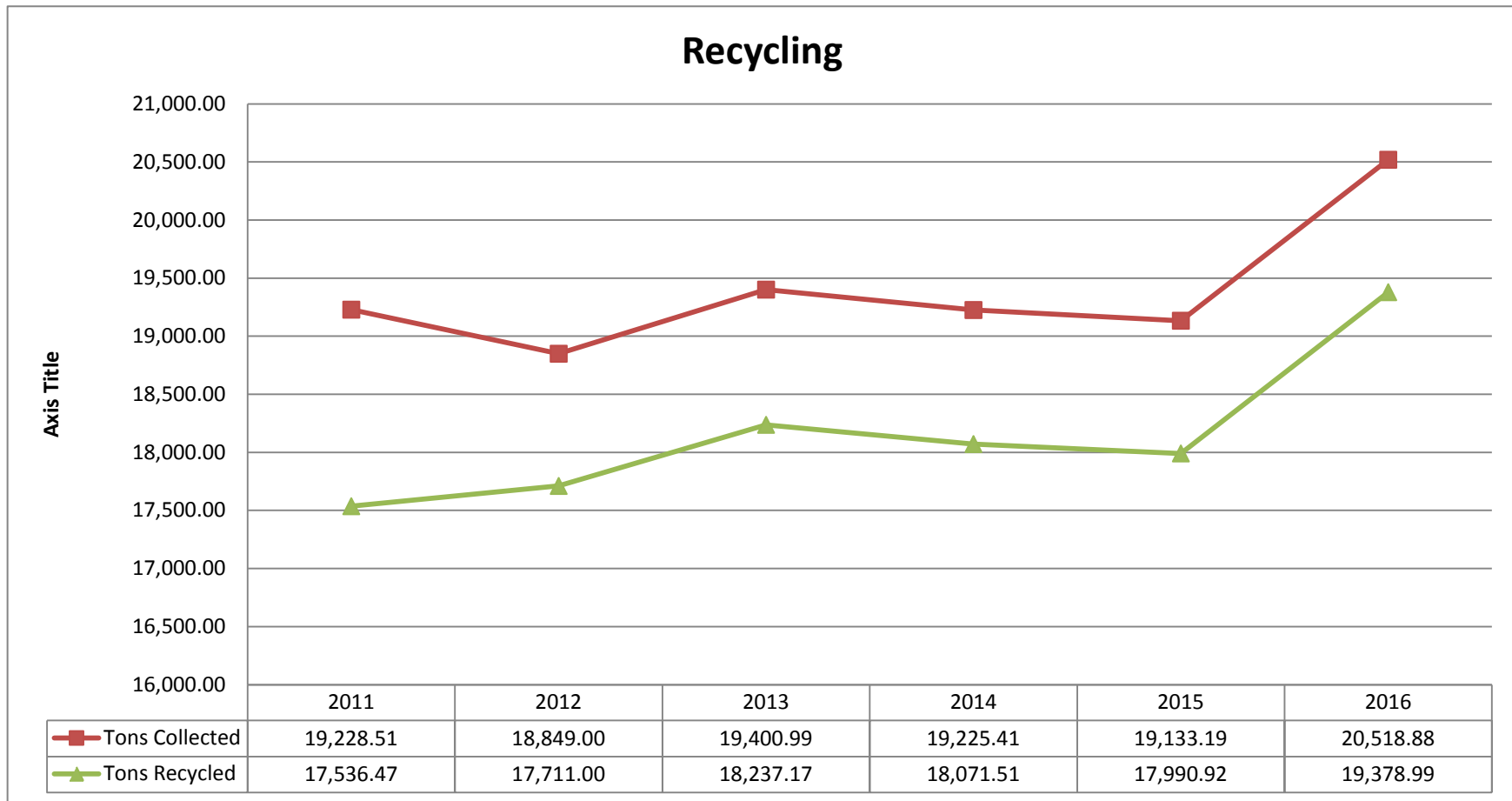


Recycling Comparisons

Year	Tons Collected	Tons Recycled	Diversion Percentage
2011	19,228.51	17,536.47	91.200%
2012	18,849.00	17,711.00	93.963%
2013	19,400.99	18,237.17	94.001%
2014	19,225.41	18,071.51	93.998%
2015	19,133.19	17,990.92	94.030%
2016	20,518.88	19,378.99	94.445%

2016 totals include Recycling from School District, and previous years do not.

The School District recycled 1,425.18 tons of material in 2016 (MMSD contracts with Advanced Disposal for recycling).

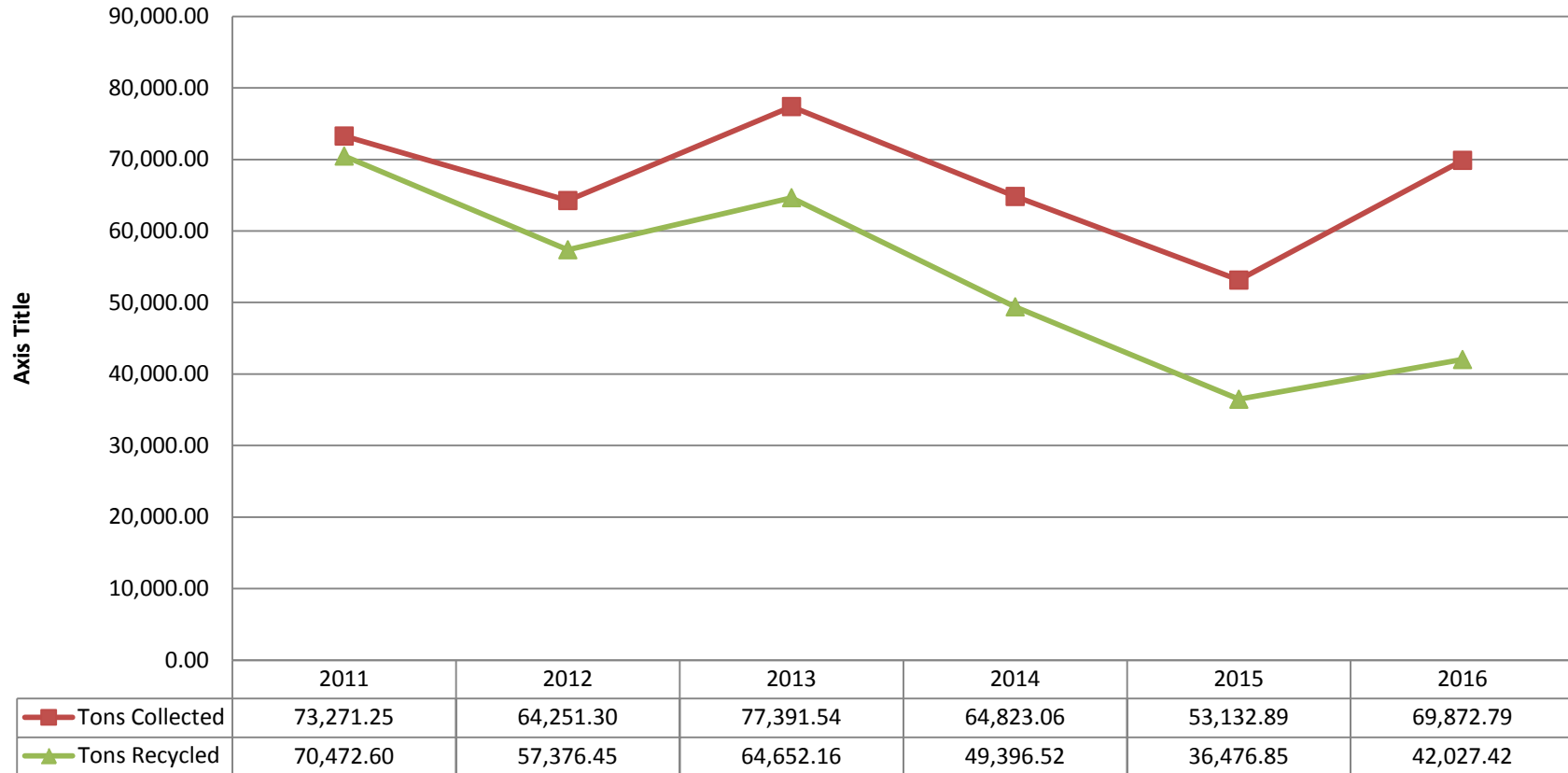


Construction and Demolition Comparisons

Year	Tons Collected	Tons Recycled	Diversion Percent
2011	73,271.25	70,472.60	96.2%
2012	64,251.30	57,376.45	89.3%
2013	77,391.54	64,652.16	83.5%
2014	64,823.06	49,396.52	76.2%
2015	53,132.89	36,476.85	68.7%
2016	69,872.79	42,027.42	60.1%

2016 Dane County Construction & Demolition MRF came online. Dane County C&D facility recycled slightly more than 50% of material. Dane County C&D diversion percentage is lower than expected, but first year hiccups should be expected.

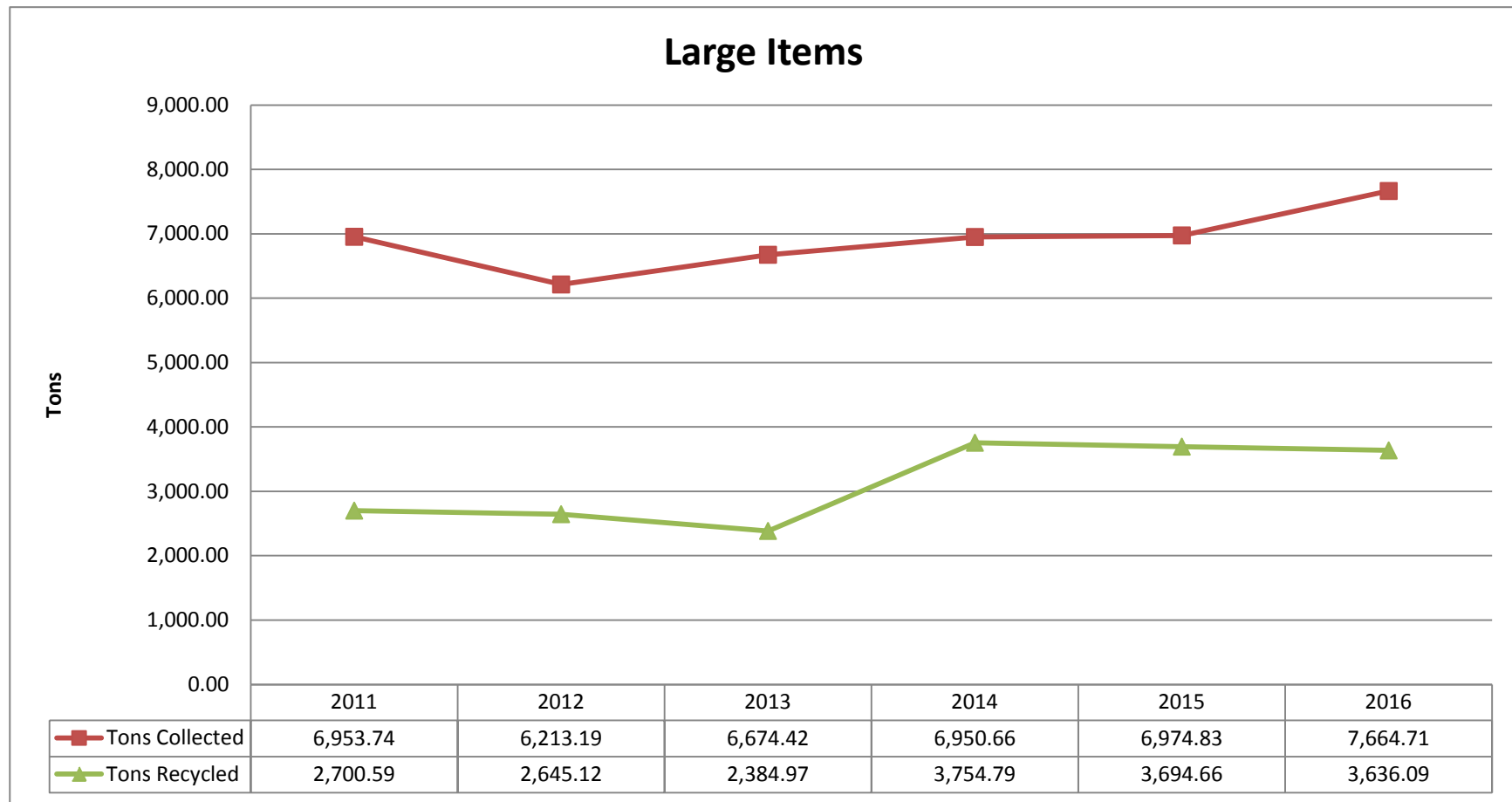
Construction & Demolition



Large Item Comparison

Year	Tons Collected	Tons Recycled	Diversion Rate
2011	6,953.74	2,700.59	38.84%
2012	6,213.19	2,645.12	42.57%
2013	6,674.42	2,384.97	35.73%
2014	6,950.66	3,754.79	54.02%
2015	6,974.83	3,694.66	52.97%
2016	7,664.71	3,636.09	47.44%

Large item tonnage increased approximately 10% from 2015 to 2016. Amount recycled effectively unchanged since 2014.

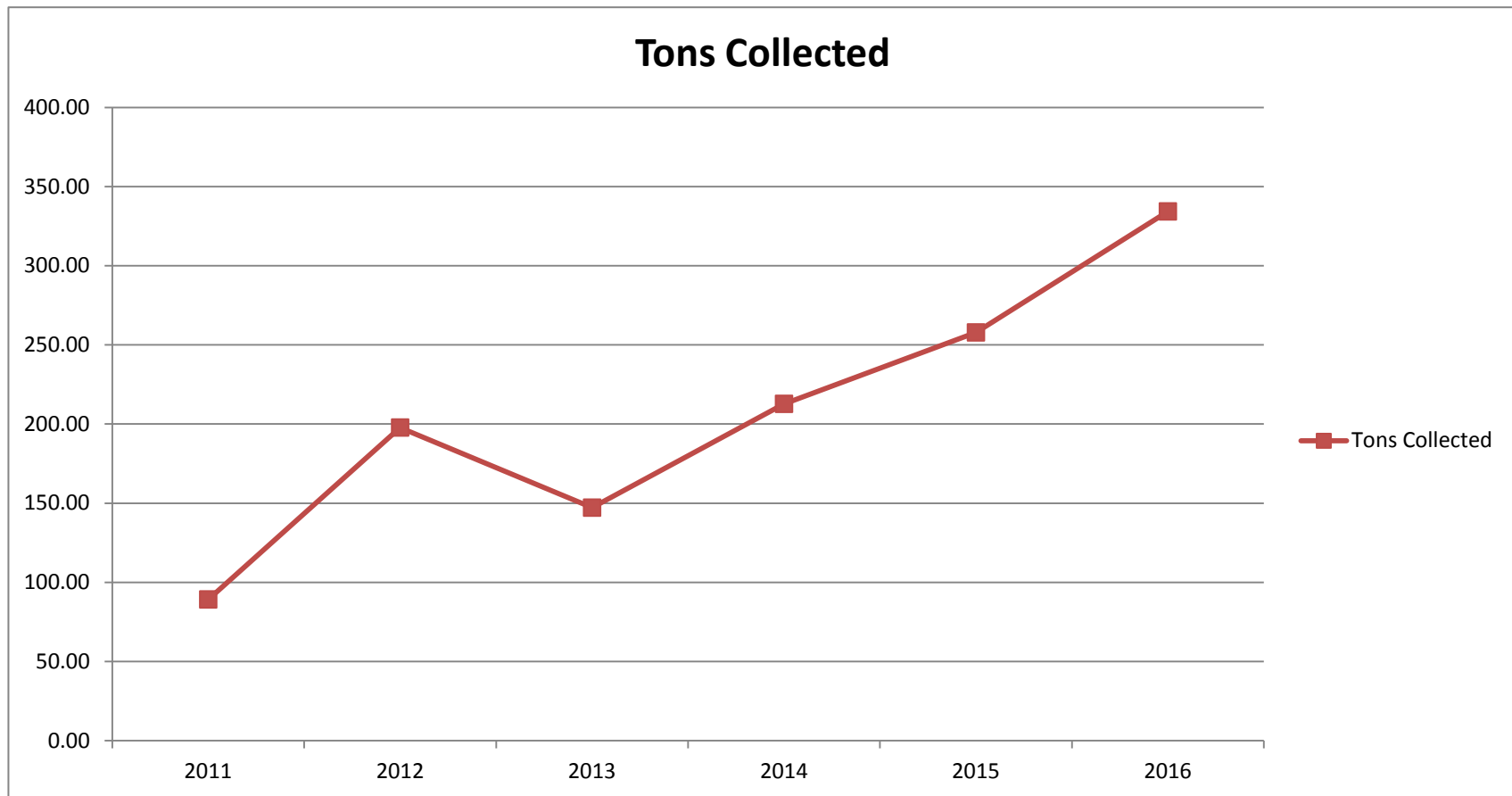


Organics Comparisons

Year	Tons Collected
2011	89.23
2012	197.81
2013	147.21
2014	212.77
2015	257.89
2016	334.32

More growth expected in 2017.

274.67% increase in food waste collected in organics program since 2011

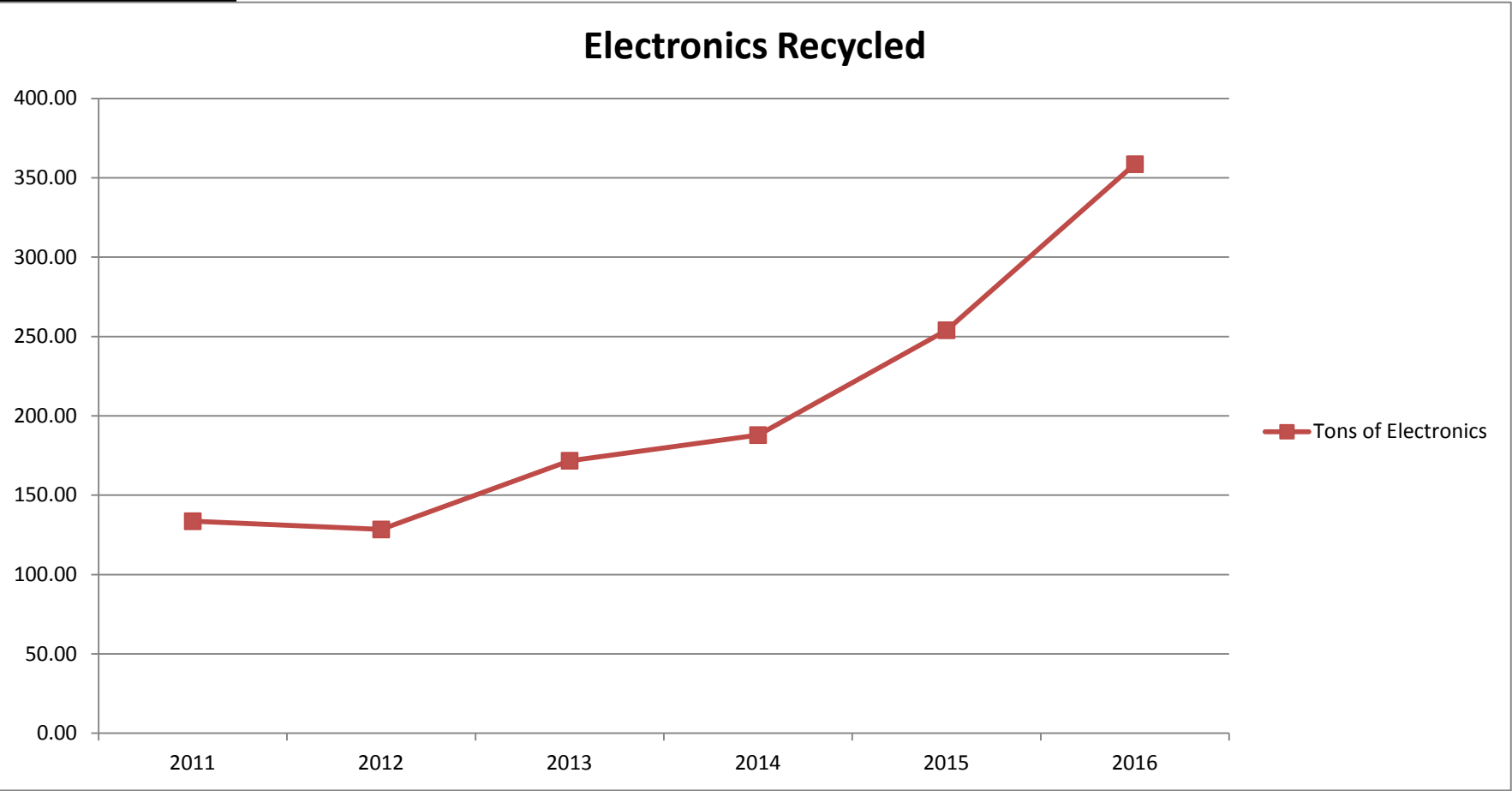


Electronics Comparisons

Year	Tons
2011	133.59
2012	128.39
2013	171.70
2014	187.86
2015	253.94
2016	358.56

Electronics recycling tonnage doubled since 2013.

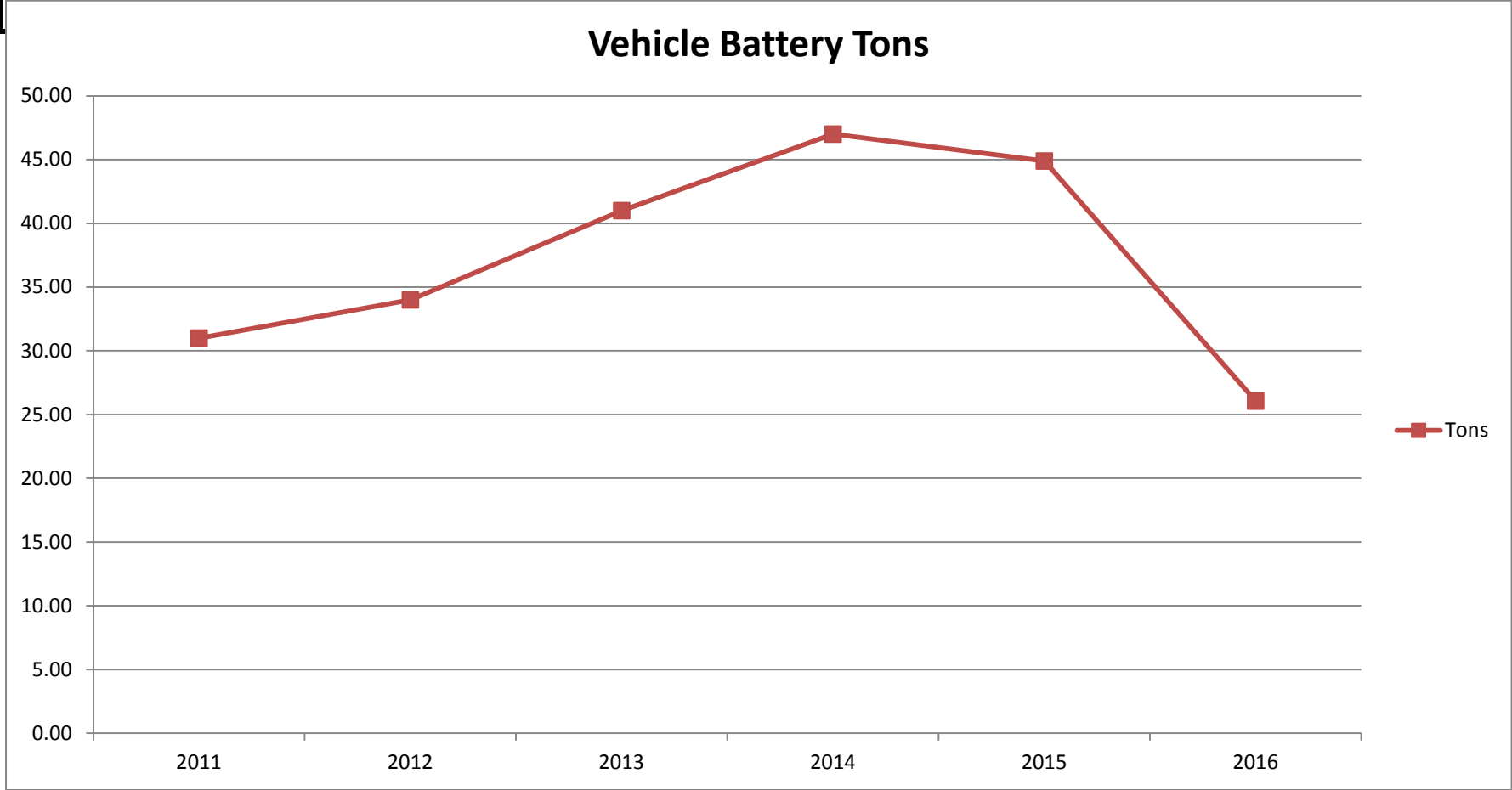
Weights will decrease when CRT TVs finally out of system, but need will still be pressing as more electronics waste enter the stream.



Vehicle Battery Recycling

Year	Tons
2011	31.00
2012	34.00
2013	41.00
2014	47.00
2015	44.89
2016	26.06

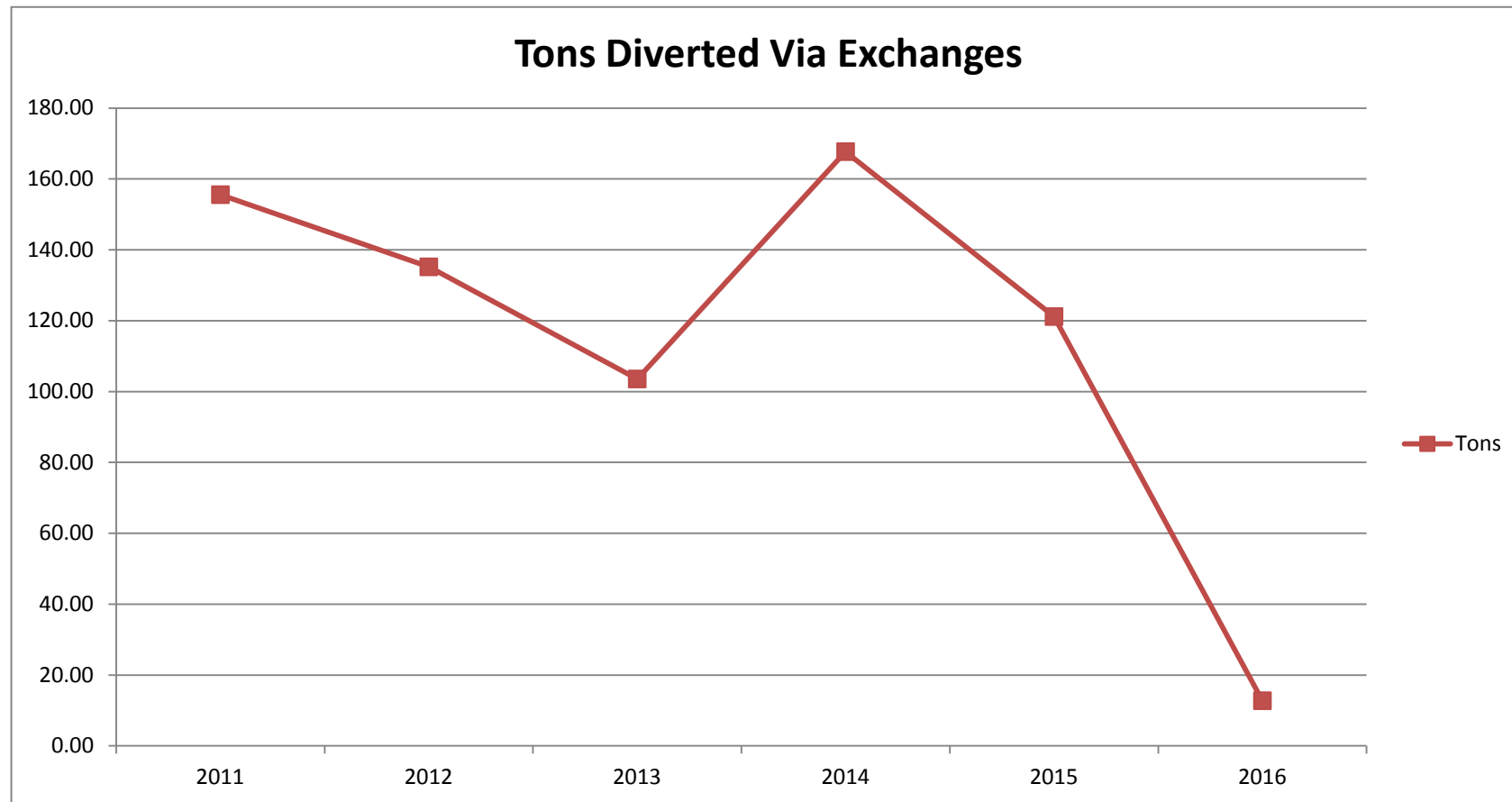
Madison Metro installed new capacitors on buses, and used significantly fewer batteries in 2016 than in years previous. Metro is the largest share of vehicle battery recycling.

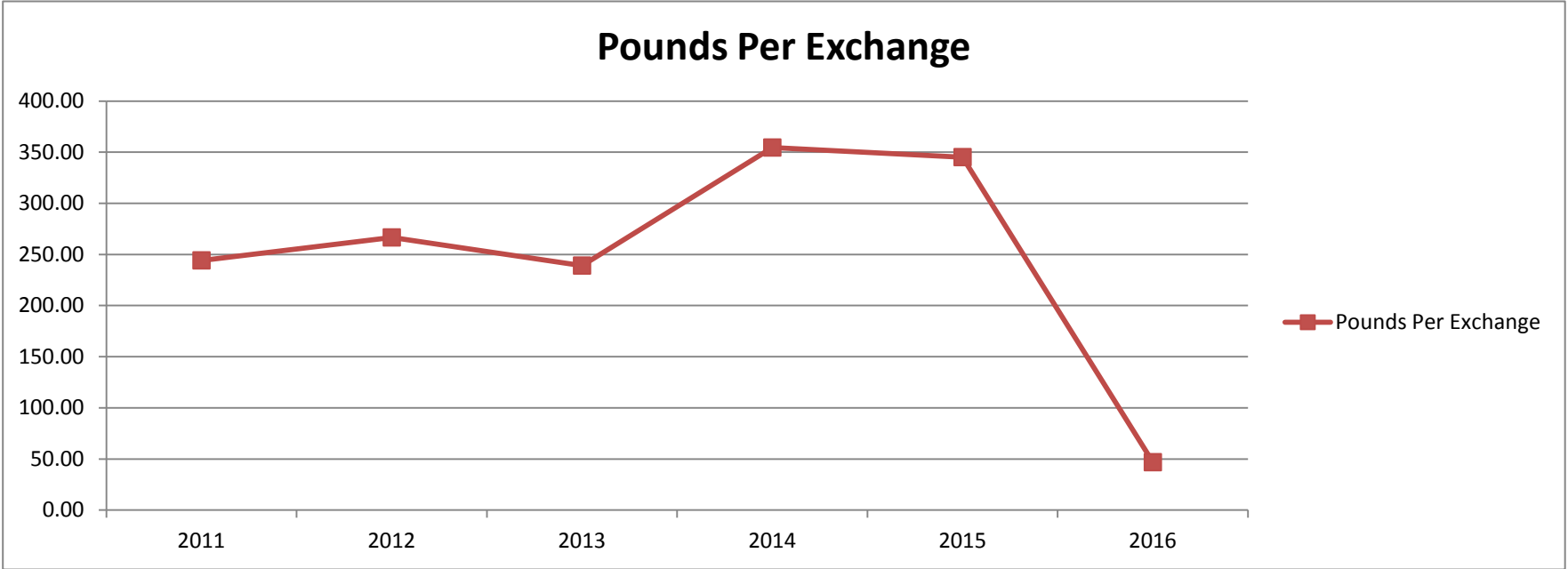
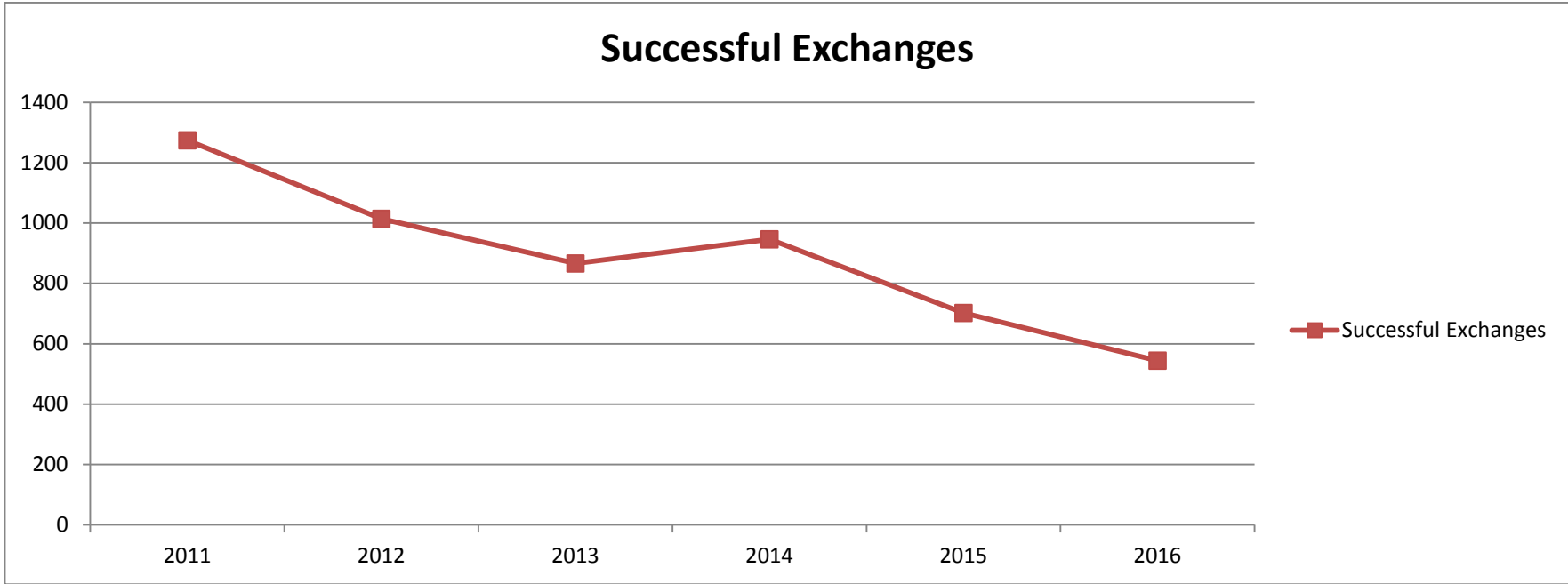


Madison Stuff Exchange Comparisons

Year	Tons	Successful Exchanges	Pounds Per Exchange
2011	155.57	1274	244.22
2012	135.20	1014	266.67
2013	103.55	866	239.15
2014	167.72	946	354.59
2015	121.17	702	345.21
2016	12.74	544	46.85

Decline is drastic. Could be an error in math. Could reflect that smaller items are on exchange now compared to years past. Unable to verify what is the root cause of such a steep drop. Each exchange weight is manually entered into system based on what was exchanged. Many other venues for person-to-person exchanges exist via social media platforms and could also be a contributing factor to the decline.





Streets Division Diversion Statistics 2016

Household Battery Comparisons

Year	Tons
2011	N/A
2012	N/A
2013	6.35
2014	4.20
2015	6.27
2016	7.21

Despite fewer drop-off locations in response to lithium battery rules tonnage actually increased slightly

