

Solid Waste Division – 2011 Annual Report

Prepared by: George Hayducsko, Solid Waste Director

The Dunn County Solid Waste and Recycling Management Board was created during 1992 by the Dunn County Board of Supervisors. The Board of Supervisors formed the Solid Waste and Recycling Management Board to establish and operate a Solid Waste and Recycling Management System for the County of Dunn. Through the Dunn County Solid Waste Division (DCSWD) the Solid Waste and Recycling Management Board has endeavored to provide efficient and economical waste management and recycling programs for member municipalities, public, businesses, and the waste haulers.

During 1998, the Dunn County Solid Waste and Recycling Management Board was recreated by the Dunn County Board of Supervisors. The Solid Waste and Recycling Management Board maintained most of its management authority, including the ability to contract for services, accept grants, assess fees, and the ability to create, and maintain reserves for future capital outlays for solid waste and recycling disposal facilities and equipment.

The Solid Waste and Recycling Management Board lost its standing committee status in 1998, and the standing committee responsibilities were given to the Planning, Resources & Development Committee.

Solid Waste and Recycling Management Board members:
Front L-R: Rebecca Kilde, Ron Welsch, Tony Schrantz,
Gary Bjork, Back L-R: Sue Beety, Dale Harschlip (Vice-Chair),
David Bartlett (Chair), Ray Cherney & Greg Bakke.



Solid Waste Division Highlights

Public Drop-Off Area Opens

The Public Drop-Off area at the Dunn County Transfer Station and Recycling Center officially opened on January 26, 2011. Designed and built by the Dunn County Solid Waste Division, the site offers trash disposal and recycling in a safer and more efficient environment. Two years in the making, the outdoor paved area has multiple car lanes lined with clearly marked bins for trash and recyclables.



In the past, patrons had to wait in long lines to enter the Transfer Station in their car. Once inside, people would exit their vehicle to drop off their trash and recyclables. Often haulers and patrons were using the space at the same time, leading to a dangerous congestion of traffic. With the opening of this new Public Drop-Off, recycling and trash disposal can be accomplished both quickly and in a more secure manner for everyone involved.

Christmas Light Recycling Program



The Dunn County Solid Waste Division partnered with the Recycling Association of Minnesota to start a recycling program called "Recycle Your Holidays." Drop-off locations were set up in Dunn County at the Dunn County Transfer Station and the City of Menomonie Solid Waste Site. Along with broken and unwanted strands of lights; electrical cords, telephone cords and appliance cords were able to be brought and deposited in the "Recycle Your Holidays" bins during normal hours at the Dunn County Transfer Station and the City of Menomonie Solid Waste Site.

Single Versus Dual Stream Recycling



The Solid Waste Division accelerated their research into the cost and benefit analysis of going from source separated recycling to either single or dual stream recycling.

This is an ongoing area of study.

Wood Grinding

The Dunn County Solid Waste Division contracted with JMB Logistics, of Plover, WI, to have their company grind the wood at the Boyceville, Colfax and Elk Mound Area Collection Stations. They sold the wood chips as a fuel supplement and the Division saved a substantial amount of money in the process.



Hazardous Waste Collection Program Continues



Dunn County residents turned out in an unexpectedly large number for Dunn County's one Hazardous Waste Collection in September of 2011. Residents had the opportunity to dispose of hazardous waste in Dunn County free of charge at this event. Businesses also participated but had to pay the total cost of the material. 232 households, 11 farms and 18 businesses participated. 19,054 pounds of hazardous waste was collected during the events.

Year-Round Medication Drop Off

A permanent drop-off location for all medications continues to be available year round at the Sheriff's Office. The Solid Waste Division provides the promotion and the incineration of the medications along with the funding.



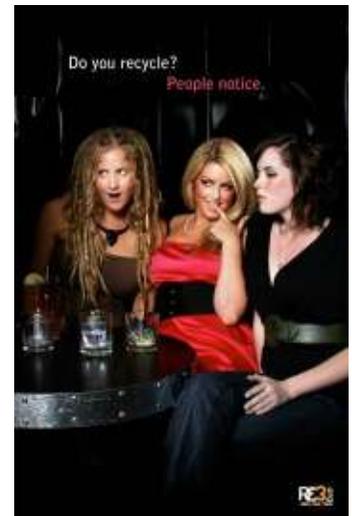
Clothes Recycling Through USAgain



A new recycling opportunity was made available at Dunn County Area Collection Stations as well as at the Dunn County Transfer Station and Recycling Center in 2011. Residents were able to begin dropping off used clothing, bedding and other assorted textiles in conveniently located collection bins provided by USAgain which is based out of Chicago, IL. Besides clothing and bedding, other acceptable items to recycle include shoes, towels, draperies, hats, belts, purses and more.

Restaurant & Bar Recycling

In an attempt to reduce waste and promote recycling, the Dunn County Solid Waste Division performed audits on all restaurants and bars within Dunn County to ensure that the businesses were following the State mandated statutes regarding recycling. Assistance and follow up was given to local eateries to help them comply with the local and state regulations for those businesses that are not recycling properly.



Met With Our Legislators to Help Keep Recycling Funded



George Hayducsko and Anna McCabe met with our legislators in March of 2011 to discuss restoring State grants for recycling programs throughout and the importance of recycling and the effect it has on economics in Wisconsin.

Maintaining Existing Projects

In addition to the restaurant and bar recycling project, the Recycling Specialist also worked on maintaining the convenience stores, apartments and event recycling programs. With help from a summer intern in 2011, all restaurants and bars, along with some convenience stores, apartments and the public seeking event recycling bins were accommodated and documented. Notice of Violation letters were sent to non-compliant landlords. Currently, all Dunn County convenience stores and apartment buildings have recycling available.



Solid Waste Division 2012 and Future Projects

- Implement a new recycling rewards program. Individuals who “Get Caught Recycling” will be recognized and rewarded.
- Introduce the new Dunn County Recycling Mascot.
- Investigate the best method of collecting and processing recyclable in Dunn County
- Research and draft a uniform, efficient Collection Station design
- Finish the compactor lockout/tagout procedures
- Draft the RFP for Hauling of solid waste and recyclables from the area Collection Stations and Transfer Station and for the disposal of the solid waste and possibly for the processing of recyclables
- Continue to draft the updated Solid Waste & Recycling Ordinance
- Continue to find the best markets (stable and best paying) for our recyclables
- Continue to work with the Schools on their recycling programs
- Maintain the recycling program for convenience gas station stores and apartments
- Maintain the Event Recycling Program

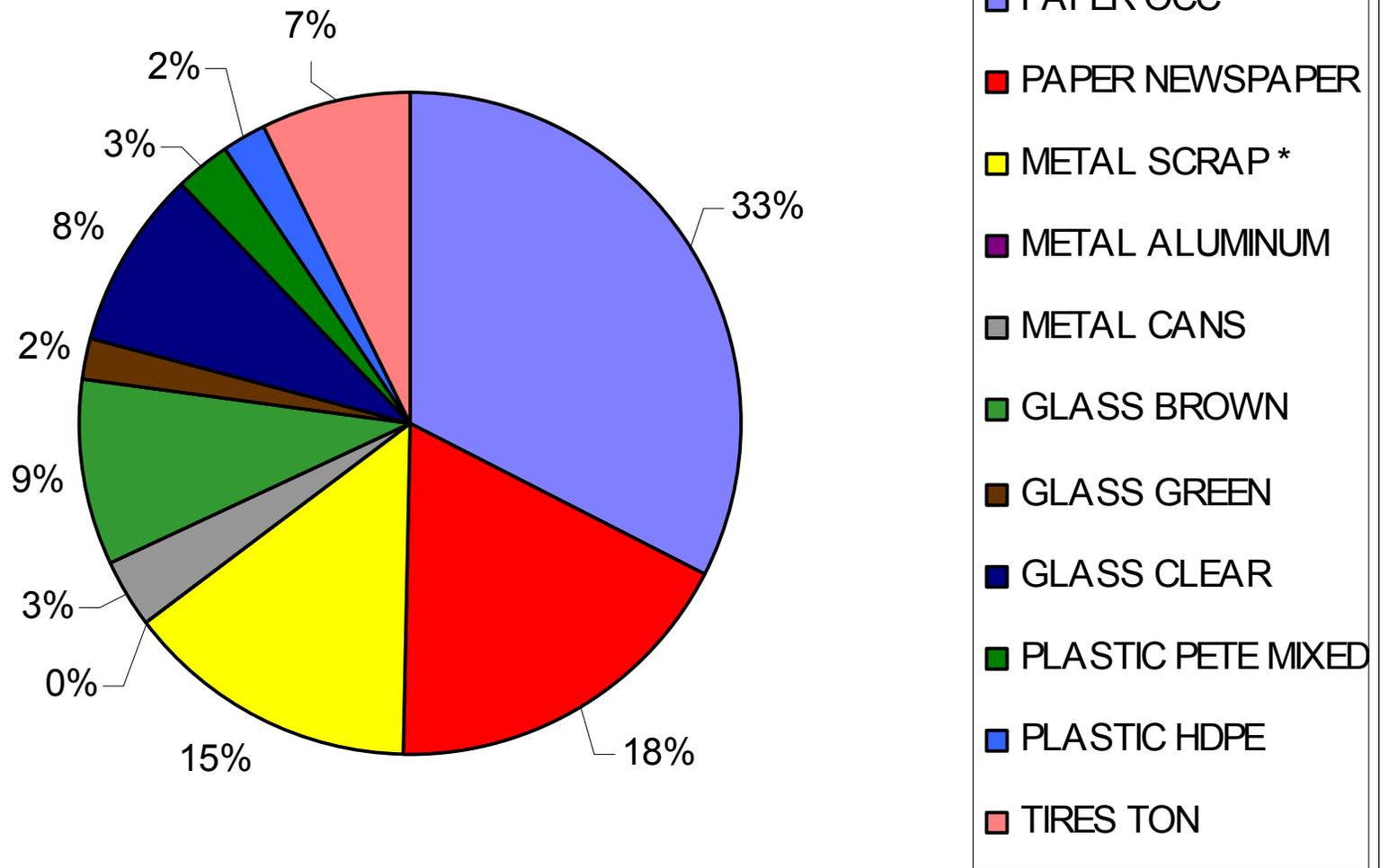
2011 Tonnage & Revenue Summary

	PAPER	PAPER	METAL	METAL	METAL
	OCC	NEWSPAPER	SCRAP *	ALUMINUM	CANS
Average Per Ton	146.28	143.55	217.93	0.805	271.32
Minimum Per Ton	95.00	105.00	185.00	\$0.805/lb.	254.00
Maximum Per Ton	175.00	160.00	265.00	\$0.805/lb.	292.00
2011 Total Tons	829.57	454.23	370.93	2.05	81.04
2011 Revenue	\$121,349.79	\$65,205.75	\$80,835.70	\$3,298.86	\$21,988.10

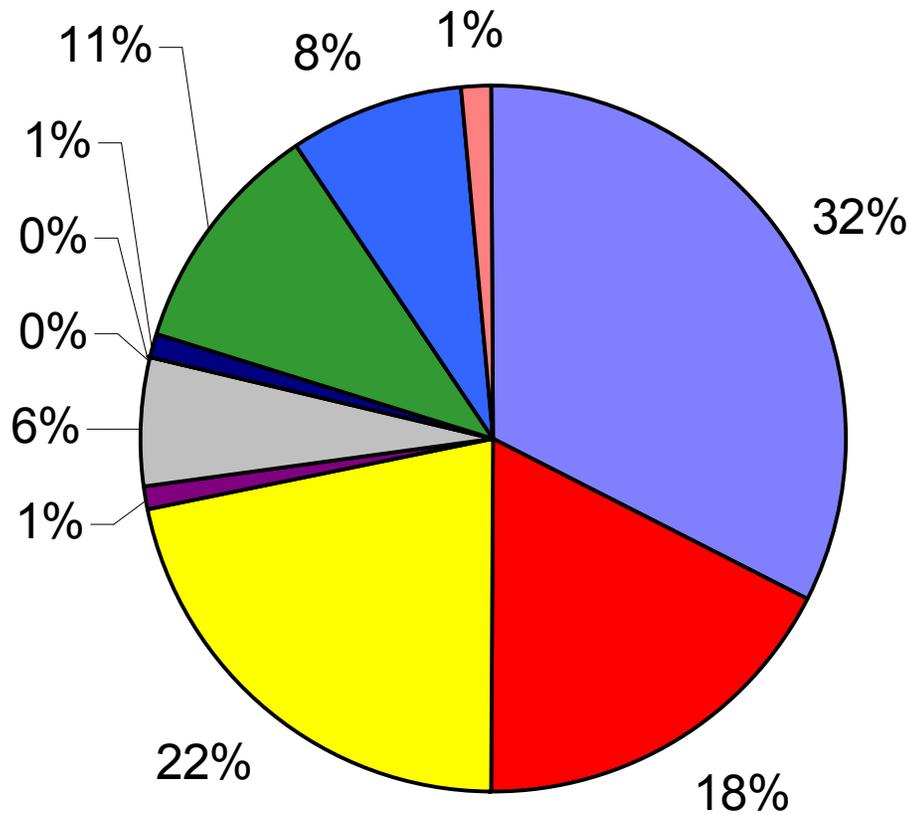
* Scrap metal average may be lower due to charges for Freon appliances or LP tanks.

	GLASS	GLASS	GLASS	PLASTIC	PLASTIC	TIRES
	BROWN	GREEN	CLEAR	PETE MIXED	HDPE	TON
Average Per Ton	(17.52)	(\$50.12)	20.21	0.26	0.27	\$27.63
Minimum Per Ton	\$23.75/T -shipping	\$-3/T -shipping	\$59/T -shipping	0.17	0.235	
Maximum Per Ton	\$27/T -shipping	\$-5/T -shipping	\$62/T -shipping	\$0.35/lb.	\$0.325/lb.	
2011 Total Tons	238.89	47.27	216.14	76.87	55.61	183.18
2011 Revenue	(\$4,185.52)	(\$2,369.16)	\$4,368.46	\$40,263.06	\$30,163.83	\$5,062.00

2011 Recyclables Tonnage Percent

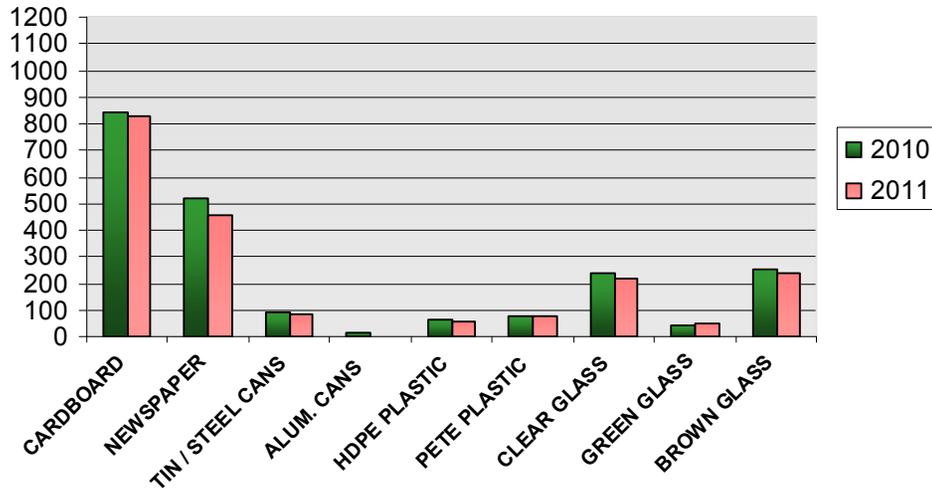


2011 Recyclables Revenue Percent

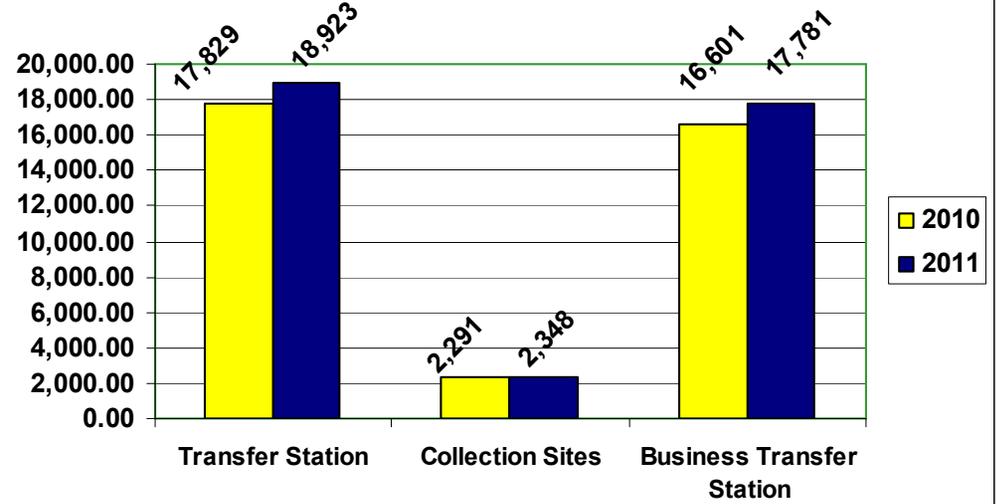


- PAPER OCC
- PAPER NEWSPAPER
- METAL SCRAP
- METAL ALUMINUM
- METAL CANS
- GLASS BROWN
- GLASS GREEN
- GLASS CLEAR
- PLASTIC PETE MIXED
- PLASTIC HDPE
- TIRES TON

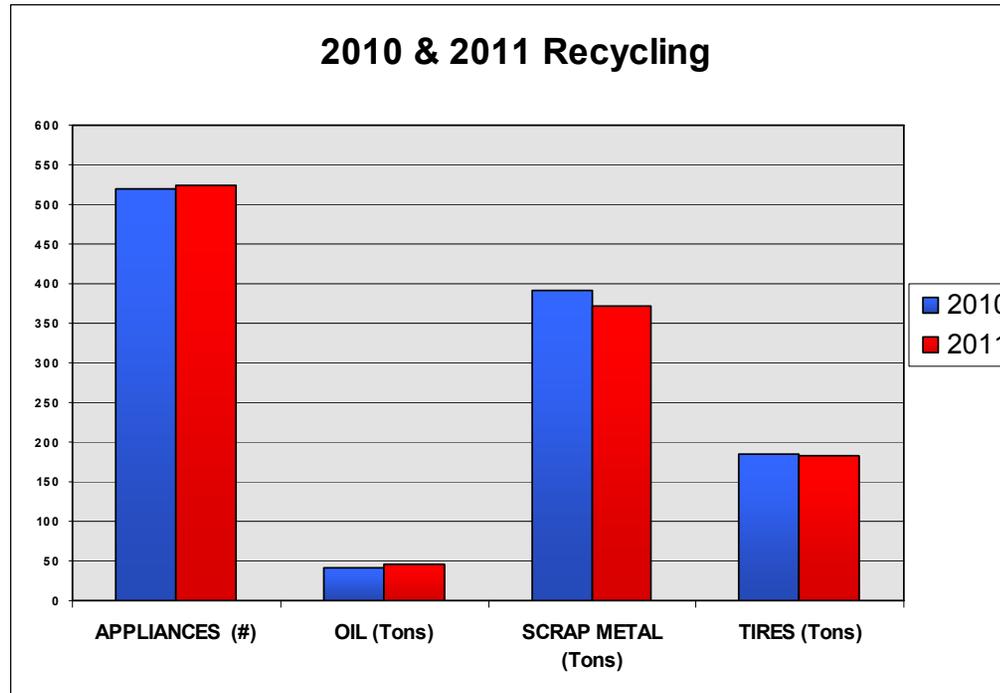
2010 & 2011 Recycling (Tons)



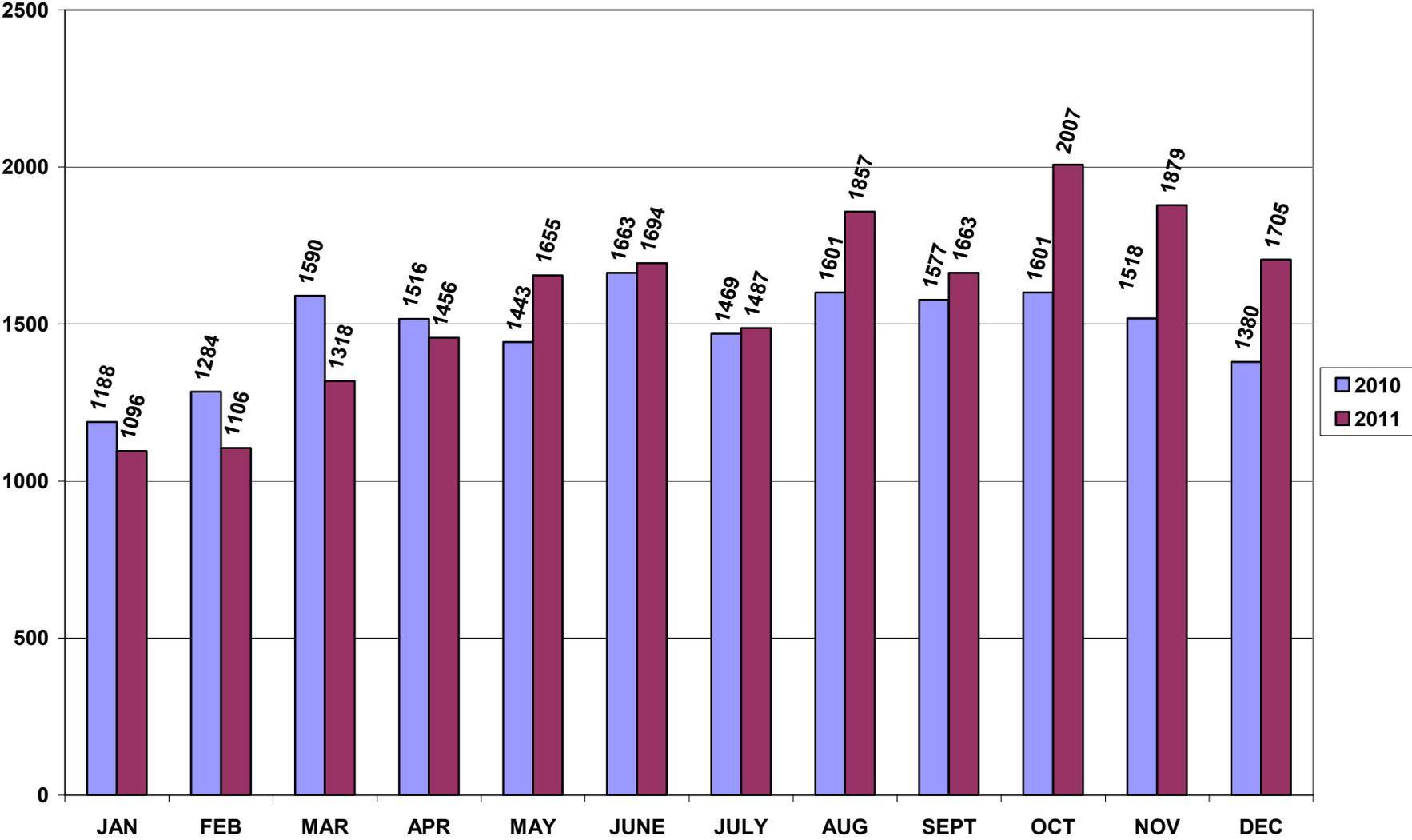
Solid Waste Tonnage Summary Jan - Dec (Tons)



2010 & 2011 Recycling



2010 - 2011 Transfer Station Tonnage



2011 SOLID WASTE & RECYCLING SUMMARY (TONS)

SOLID WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
TRANSFER STATION	1095.80	1105.64	1317.55	1455.58	1655.39	1693.93	1487.48	1857.22	1663.12	2006.58	1879.43	1705.27	18922.99
COLLECTION SITES	152.92	164.48	161.01	208.63	232.15	211.85	196.34	214.37	224.67	179.65	205.18	196.29	2347.54
DEMO Collection Sites	24.10	16.55	21.65	44.85	52.72	64.49	36.94	42.33	52.37	44.62	31.85	33.64	466.11
RIDGELAND	8.65	6.64	6.90	8.42	8.00	7.91	7.45	11.64	9.63	5.65	18.48	8.65	108.02
TOTAL (TONS)	1281.47	1293.31	1507.11	1717.48	1948.26	1978.18	1728.21	2125.56	1949.79	2236.50	2134.94	1943.85	21844.66
BUSINESS Trans Stn	1035.50	1021.85	1187.46	1333.56	1603.58	1559.21	1393.42	1782.98	1539.16	1902.19	1806.30	1615.77	17780.98
HOUSEHOLD WASTE TS	60.30	83.79	130.09	122.02	51.81	134.72	94.06	74.24	123.96	104.39	73.13	89.50	1142.01

RECYCLING	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	TOTAL
CARDBOARD	64.41	60.54	65.74	65.70	66.91	66.85	90.93	67.76	86.31	42.89	63.62	87.91	829.57
NEWSPAPER	44.49	22.01	46.21	23.18	69.36	45.40	22.59	44.36	45.72	45.21	45.70		454.23
OFFICE PAPER													0.00
MAGAZINES													0.00
TIN / STEEL CANS		16.61		18.27					22.09			24.07	81.04
ALUM. CANS		2.05											2.05
HDPE PLASTIC	8.39			17.37				11.34	18.51				55.61
PETE PLASTIC	11.19			17.98			18.17	8.43	4.39			16.71	76.87
CLEAR GLASS	15.43	28.56	13.38	13.91	14.14	26.03	12.18	27.06	11.72	13.57	26.64	13.52	216.14
GREEN GLASS	12.35				12.23			11.10				11.59	47.27
BROWN GLASS	25.50	25.92	14.03	25.08	12.47	23.34	23.61	11.59	25.37	12.92	25.66	13.40	238.89
TOTAL (TONS)													2001.67

AIR CONDS. (#)	1	1	2	6	7	15	24	12	15	12	10	4	109
AIR COND - Alter													0
ANTIFREEZE (Tons)	105	55		110	40	50	140	40	285		95	110	4.84
APPLIANCES (#)	15	17	19	45	53	69	69	42	63	50	38	43	523
APPLIANCES - Alter													299
BATTERY BOXES													0.30
BATTERIES Auto (Tons)				1.81	1.59		1.07	0.98	1.09		0.65	0.91	8
CELL PHONES													0
ELECTRONICS (Tons)	10481	8460	12822	22901	59,776	49,237	31693	34509	33,380	14338	40688	11327	164.81
FLUORESCENT BULBS (Tons)						4648					6158		2.70
HAZARDOUS WASTE (Tons)													10
INK JET CARTRIDGES													0
OIL (Tons)	300	750	610	1050	980	1980	1120	1310	530	1815	1850	350	46.15
OIL FILTERS (Tons)+5	110	274		357	192	343	128	82	146	92	440	165	10.95
SCRAP METAL (Tons)	14.44	10.96	24.83	38.07	40.60	42.17	28.29	41.37	32.55	38.62	40.48	18.55	370.93
SHARP CONT (Tons)												2407.5	1.20
TIRES (Tons)		26.53		20.16	6.52	17.10	28.68	14.83		32.16	28.40	8.8	183.18
YARD WASTE													0