

**Table 6a. Energy Savings as a Result of Recycling***Note: The negative numbers denote energy savings.*

Reporting Year	Tons Recycled 2016	Energy Use if All Recycled (Million BTUs)	Energy Use if Recyclables Had Been Disposed (Million BTUs)	Net Energy Consumption from Recycling as Compared to Disposal (Million BTUs)
Aluminum Cans	0	0.00	0.00	0.00
Steel Cans	0	0.00	0.00	0.00
Glass	2,646	-5,623.83	1,395.50	-7,019.33
HDPE	6,999	-356,277.29	3,691.27	-359,968.56
LDPE	23,515	-1,317,083.02	12,401.81	-1,329,484.83
PET	1,415	-74,757.20	746.27	-75,503.48
Corrugated Cardboard	99,070	-1,527,477.37	22,667.27	-1,550,144.64
Magazines/Third-class Mail	15,278	-10,475.38	6,215.59	-16,690.98
Newspaper	4,437	-73,148.16	1,869.13	-75,017.30
Office Paper	2,112	-21,291.15	15.08	-21,306.23
Phonebooks	0	0.00	0.00	0.00
Textbooks	0	0.00	0.00	0.00
Whole Computers	5,717	-248,328.41	3,015.15	-251,343.56
Food Scraps	0	0.00	0.00	0.00
Yard Trimmings	181,310	105,885.04	74,830.46	31,054.58
Grass	0	0.00	0.00	0.00
Leaves	0	0.00	0.00	0.00
Branches	0	0.00	0.00	0.00
Ferrous Scrap Metal	2,214,076	-44,206,686.55	1,167,703.68	-45,374,390.23
Aluminum Scrap Metal	79,530	-16,416,759.12	41,944.12	-16,458,703.24
Copper Wire	0	0.00	0.00	0.00
Tires	8,519	-442,675.45	4,492.92	-447,168.37
Construction & Demolition	0	NA	NA	NA
Carpet	0	0.00	0.00	0.00
Dimensional Lumber	0	0.00	0.00	0.00
Medium-density Fiberboard	0	0.00	0.00	0.00
Clay Bricks	0	NA	NA	NA
Aggregate	0	0.00	0.00	0.00
Fly Ash	0	0.00	0.00	0.00
Mixed Paper, Broad Definition	36,331	-833,498.54	8,897.52	-842,396.06
Mixed Metals	0	0.00	0.00	0.00
Mixed Plastics	48,566	-2,545,591.20	25,613.71	-2,571,204.91
Mixed Recyclables	1,128	-19,071.95	342.74	-19,414.69
Mixed Organics	21,033	12,283.27	7,884.18	4,399.09
Other Recyclables	37,227	NA	NA	NA
<b>Total as a Result of Recycling</b>	<b>2,788,909</b>	<b>-67,980,576</b>	<b>1,383,726</b>	<b>-69,364,303</b>

**Table 6b. Energy Savings as a Result of Recycling Continued..**

*Notes: The negative numbers denote energy savings.*

Reporting Year	Net Energy Consumption from Recycling as Compared to Disposal (Million BTUs) 2016	Oil Saved (Barrels)	Gas Saved (Gallons)	Reduction of "Average" Passenger Cars on the Road/Year	Reduction of Car Emissions (CO <sub>2</sub> Tons/Year)	Energy Savings in Per "Average" Household (No. of Houses/Year)
Aluminum Cans	0.00	0.00	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	0.00	0.00	0.00	0.00
Glass	-7,019.33	-1,210.23	-56,499.05	-101.43	-516.30	-67.62
HDPE	-359,968.56	-62,063.55	-2,897,408.91	-5,201.81	-26,477.22	-3,467.91
LDPE	-1,329,484.83	-229,221.52	-10,701,104.45	-19,212.04	-97,789.27	-12,808.14
PET	-75,503.48	-13,017.84	-607,732.07	-1,091.08	-5,553.60	-727.39
Corrugated Cardboard	-1,550,144.64	-267,266.32	-12,477,208.71	-22,400.73	-114,019.73	-14,933.96
Magazines/Third-class Mail	-16,690.98	-2,877.75	-134,346.69	-241.20	-1,227.69	-160.80
Newspaper	-75,017.30	-12,934.02	-603,818.81	-1,084.06	-5,517.84	-722.71
Office Paper	-21,306.23	-3,673.49	-171,495.16	-307.89	-1,567.16	-205.26
Phonebooks	0.00	0.00	0.00	0.00	0.00	0.00
Textbooks	0.00	0.00	0.00	0.00	0.00	0.00
Whole Computers	-251,343.56	-43,335.10	-2,023,079.63	-3,632.10	-18,487.39	-2,421.42
Food Scraps	0.00	0.00	0.00	0.00	0.00	0.00
Yard Trimmings	31,054.58	5,354.24	249,960.19	448.76	2,284.20	299.18
Grass	0.00	0.00	0.00	0.00	0.00	0.00
Leaves	0.00	0.00	0.00	0.00	0.00	0.00
Branches	0.00	0.00	0.00	0.00	0.00	0.00
Ferrous Scrap Metal	-45,374,390.23	-7,823,170.73	-365,221,232.23	-655,693.42	-3,337,479.48	-437,132.85
Aluminum Scrap Metal	-16,458,703.24	-2,837,707.46	-132,477,105.43	-237,840.40	-1,210,607.66	-158,561.69
Copper Wire	0.00	0.00	0.00	0.00	0.00	0.00
Tires	-447,168.37	-77,097.99	-3,599,285.45	-6,461.91	-32,891.14	-4,307.98
Construction & Demolition	NA	NA	NA	NA	NA	NA
Carpet	0.00	0.00	0.00	0.00	0.00	0.00
Dimensional Lumber	0.00	0.00	0.00	0.00	0.00	0.00
Medium-density Fiberboard	0.00	0.00	0.00	0.00	0.00	0.00
Clay Bricks	NA	NA	NA	NA	NA	NA
Aggregate	0.00	0.00	0.00	0.00	0.00	0.00
Fly Ash	0.00	0.00	0.00	0.00	0.00	0.00
Mixed Paper, Broad Definition	-842,396.06	-145,240.70	-6,780,497.21	-12,173.24	-61,961.81	-8,115.57
Mixed Metals	0.00	0.00	0.00	0.00	0.00	0.00
Mixed Plastics	-2,571,204.91	-443,311.19	-20,695,785.00	-37,155.81	-189,123.06	-24,770.76
Mixed Recyclables	-19,414.69	-3,347.36	-156,270.03	-280.56	-1,428.03	-187.04
Mixed Organics	4,399.09	758.46	35,408.56	63.57	323.57	42.38
Other Recyclables	NA	NA	NA	NA	NA	NA
<b>Total as a Result of Recycling</b>	<b>-69,364,303</b>	<b>-11,959,363</b>	<b>-558,317,500</b>	<b>-1,002,365</b>	<b>-5,102,040</b>	<b>-668,250</b>
<b>Totals as a Result of Source Reduction, Reuse &amp; Recycling</b>	<b>-69,364,303</b>	<b>-11,959,363</b>	<b>-558,317,500</b>	<b>-1,002,365</b>	<b>-5,102,040</b>	<b>-668,250</b>

