

2016 Paper Report Card

The Office of Sustainability, Campus Printing, and University Purchasing would like to share the results of its annual assessment of the environmental and financial costs of Gonzaga's paper consumption. In 2016, Gonzaga students, faculty, and staff consumed 16,660 reams of paper. Put differently, this is approximately 8,330,000 sheets and roughly 700 trees. This many sheets placed end to end would span from Spokane to Rochester, Minnesota. The cost of 16,660 of paper (83,300 pounds) on the environment is equivalent to:

- 70,660 pounds of solid waste, the equivalent of about 3 garbage trucks full of waste
- 1,084 pounds of sulfur dioxide, or equivalent to the emissions of 197 18-wheelers a year
- 1,221 million BTU's of energy, or the equivalent of 13 homes a year
- 207,446 pounds of CO₂ equivalent, or that of 19 cars per year.
- 811,671 gallons of water, or enough to fill a swimming pool with freshwater

Paper use decreased in 2016—the lowest number of sheets used since 2012. Using less also led to a 4.2% reduction in the carbon footprint of our paper. This past year, we did not purchase any 100% recycled content paper. Using 100% recycled paper saves a significant number of trees, water, carbon dioxide, and energy.

Annual Comparisons:

	2011*	2012*	2013*	2014*	2015*	2016*
Sheets of Paper	9,705,000	8,570,000	9,510,000	9,125,000	8,700,000	8,330,000
Reams of Paper	19,410	17,140	19,020	18,250	17,400	16,660
% Recycled	0%	30% or more	30% or more	30%	30%	30%
Weight	97050	85,700 lbs	95,100 lbs	91240 lbs	87,000 lbs	83,300 pds
Cost	\$62,000	\$54,000 (13% cost savings)	\$63,776.38 (18% cost increase)	\$61,502.50 (3.6% reduction from 2013)	\$51,330.00 (16.5% reduction from 2014)	\$51,885 (1% increase from 2015)
CO2e footprint	292,256 lbs	213,422 lbs (32% reduction)	235,094 lbs (10% increase from 2012)	227,219 lbs (3.3% reduction from 2013)	216,660 lbs (4.6% reduction from 2014)	207,446 lbs (4.2% reduction from 2015)
Energy used in production	1567 mil. BTUs	1,256 mil. BTUs	1,385 million BTUs	1,337 million BTUs	1,275 million BTUs	912 million BTUs
Trees used	1,255	720	779	766	731	700
Trees saved	-	535	-59	13	35	31
Length if placed end-to-end	1684 miles	1487 miles	1651 miles	1584 miles	1510 miles	1446 miles
Freshwater used	1,078,171 gal	835,056 gal. (28% reduction)	917,226 gallons (9.8% increase from 2012)	889,037 gallons (3% reduction from 2013)	847,723 gallons (4.9% reduction from 2014)	811,670 gallons (4.2% reduction from 2015)

*Environmental impact estimates were made using the Environmental Paper Network Paper Calculator.

For more information visit www.papercalculator.org.