

# Loyola's Carbon Footprint

2015



# What is a carbon footprint?

A **carbon footprint** is a measurement of an organization's impact on the environment.

The footprint measures the amount of greenhouse gases emitted each year by the **activities of the organization**.

**Greenhouse gases** are the cause of global climate change, one of the most important issues of our times.

Loyola University Chicago is a signatory of the Climate Leadership's **Carbon Commitment (formerly the ACUPCC)** committing us to address global climate change by tracking our carbon footprint and taking actions towards climate neutrality.



# Loyola's Carbon Footprint

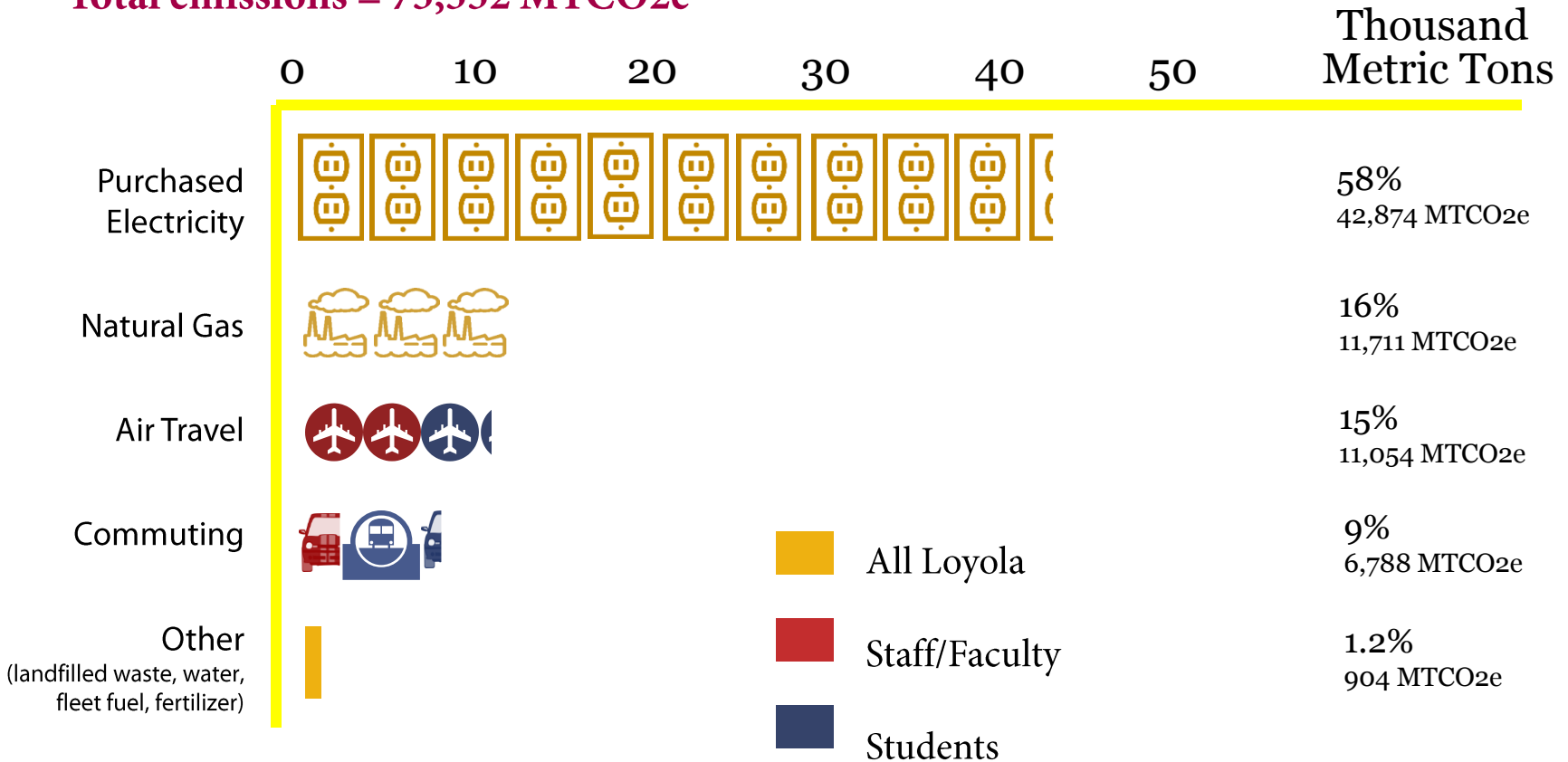
Loyola's main contributors to greenhouse gas emissions are:

- purchased electricity,
- natural gas burned on site,
- research, study abroad and conference air travel and
- student and employee commuting.



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Total emissions = 73,332 MTCO<sub>2</sub>e



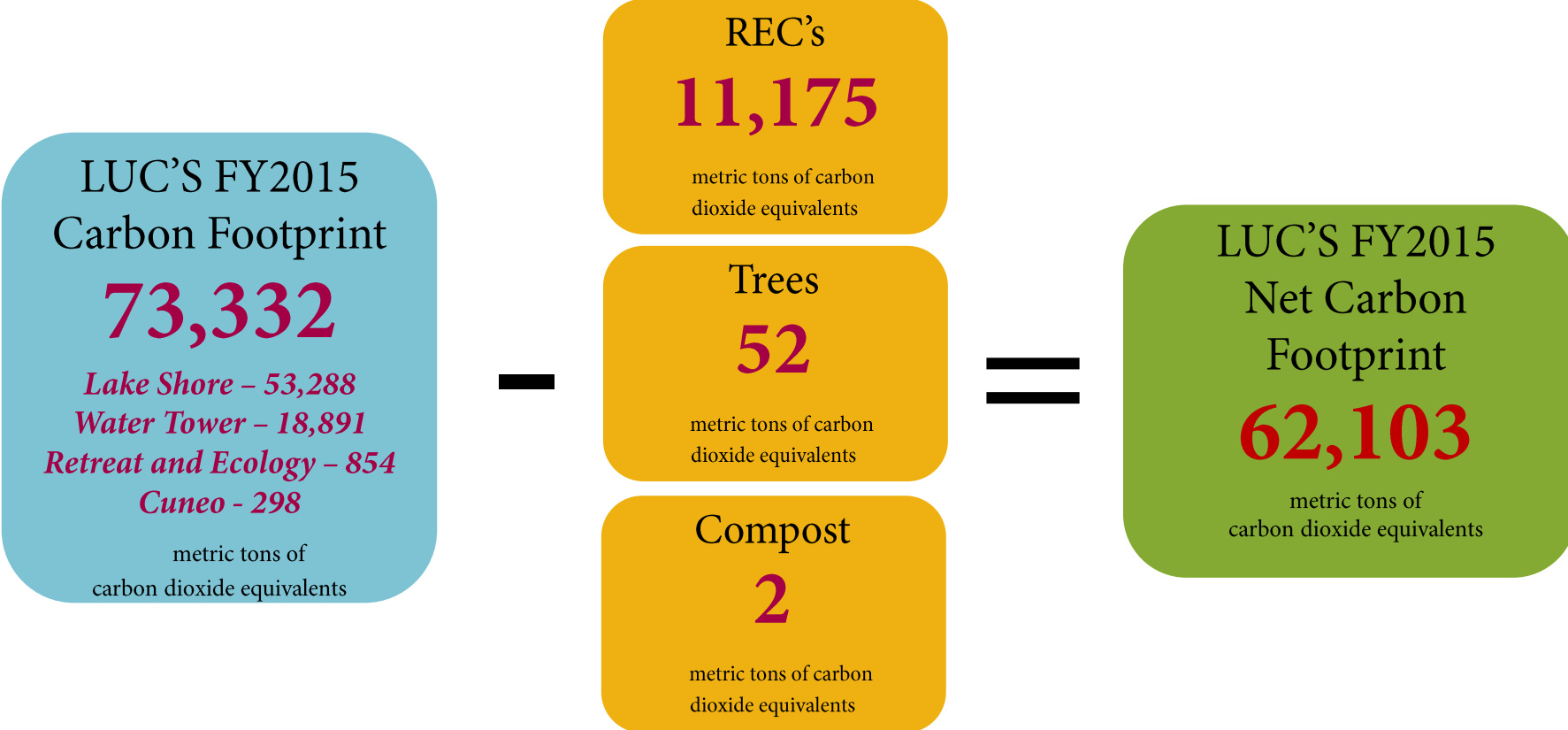
*NOTE: This year's footprint includes four campuses: Lake Shore, Water Tower, Retreat and Ecology Campus and Cuneo Mansion and Gardens.*



# Carbon Offsets & Net Carbon Footprint

Carbon offsets that directly decrease Loyola’s carbon footprint include

- Clean Energy in the form of Renewable Energy Credits (REC’s) that Loyola purchases,
- Carbon sequestered by campus trees (Lake Shore, Retreat and Ecology, and Cuneo Campuses) and
- Loyola’s On-Site Composting Program (Lake Shore and Retreat and Ecology Campuses)








Loyola University Chicago's  
FY2015 Carbon Footprint of

**62,103**

metric tons of net carbon  
dioxide equivalents

is equal to...

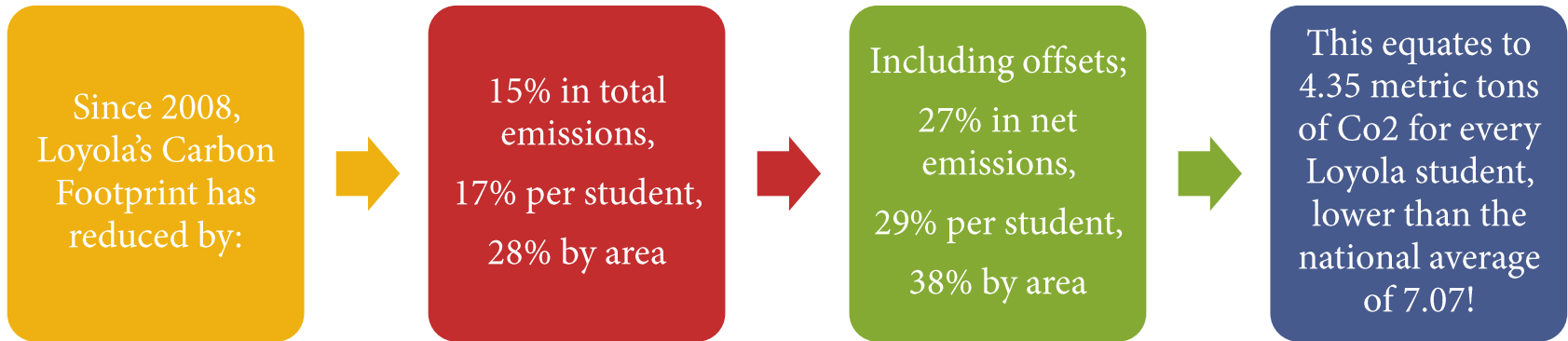
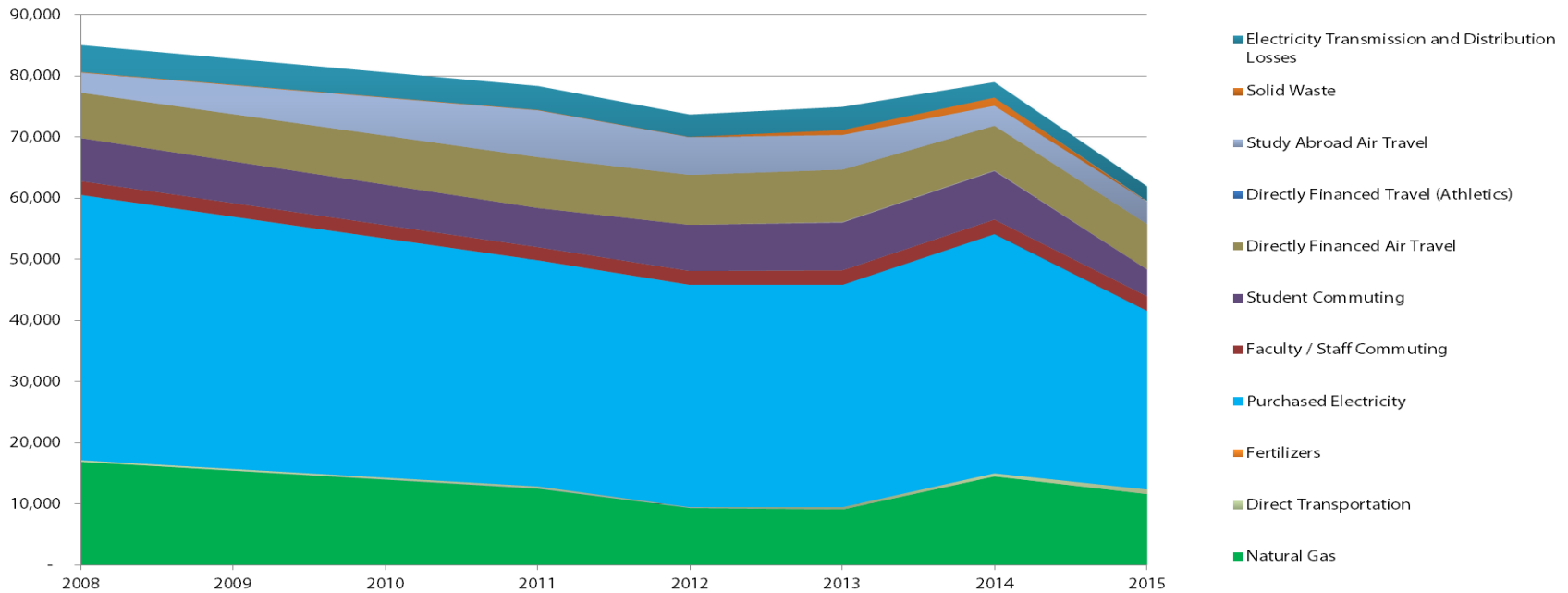
Did you know?

-  • 144,426 barrels of oil
-  • 86,988,072 gallons of gasoline consumed
-  • 331 railcars of coal
-  • 6,505 homes' annual energy use
-  • the carbon sequestered by 1,552,575 tree seedlings  
grown for 10 years

Source: US EPA, Greenhouse Gas Equivalencies Calculator



# Net Emissions Reductions



*NOTE: These reductions have been achieved despite adding new facilities and campuses to the inventory scope since 2008*

# What you can do...

Top 5 things you can do to reduce your carbon footprint:

1. Turn off lights and electronics when not in use
2. Don't heat or cool spaces that aren't being used
3. Use natural daylight and fresh air when you can
4. Go local, especially where you work and what you eat
5. Choose lower carbon modes of transportation

(Biking and Walking are better than Train,

Train is better than Bus,

Bus is better than Car,

Car is better than Plane)





Sustainability at Loyola is driven by our Jesuit tradition of social justice, our service to humanity, and our role as an institution of higher education.

It is embodied in an educational experience for our students and activities that seek to meet the needs of the present generation without compromising the ability of future generations to meet their own needs.

We are committed to an inclusive process considering social, economic and environmental impacts and exemplified in a transformative education for our students.

**To learn more visit [luc.edu/SustainLoyola](http://luc.edu/SustainLoyola)**

This report is produced by the Institute of Environmental Sustainability



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