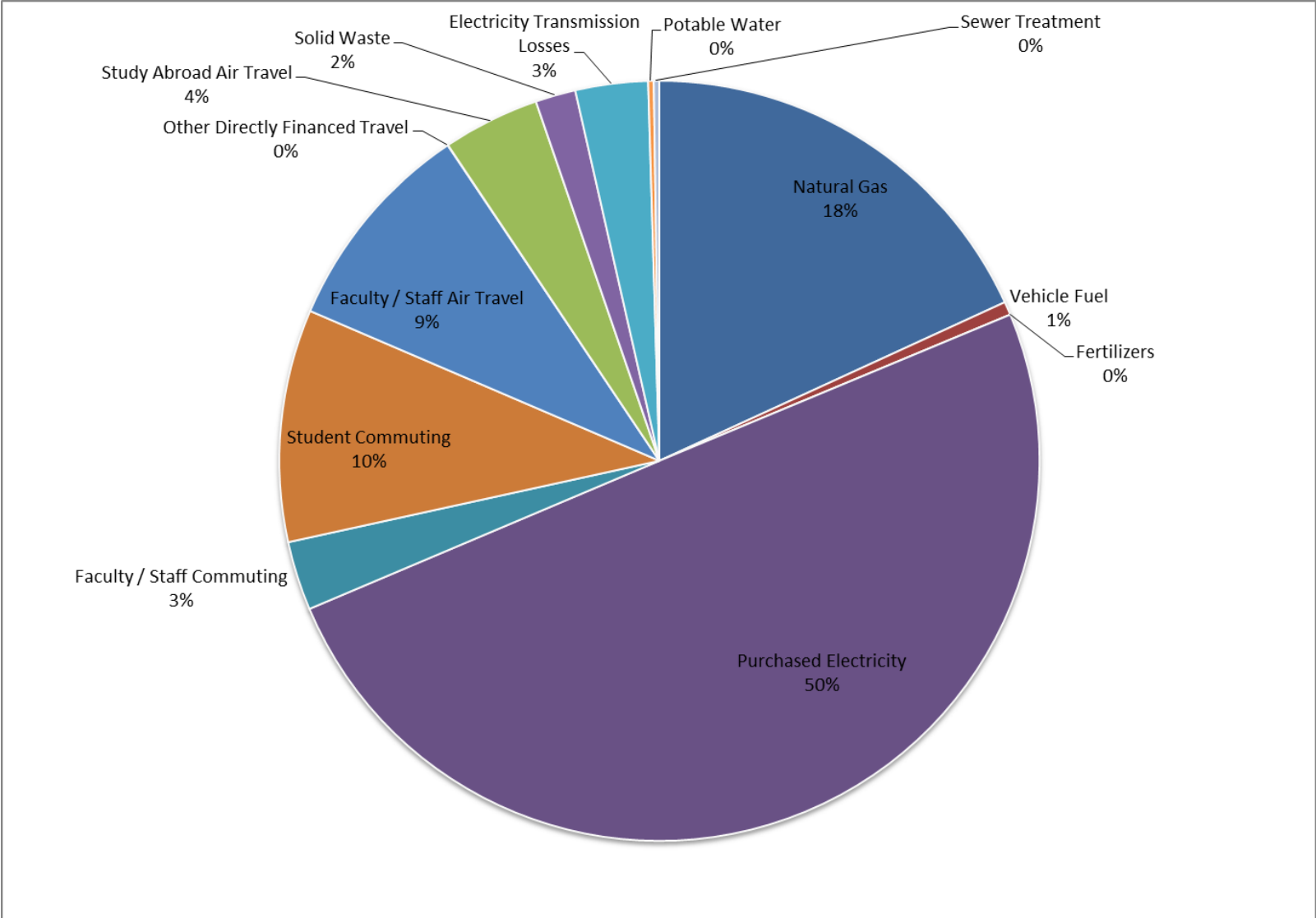
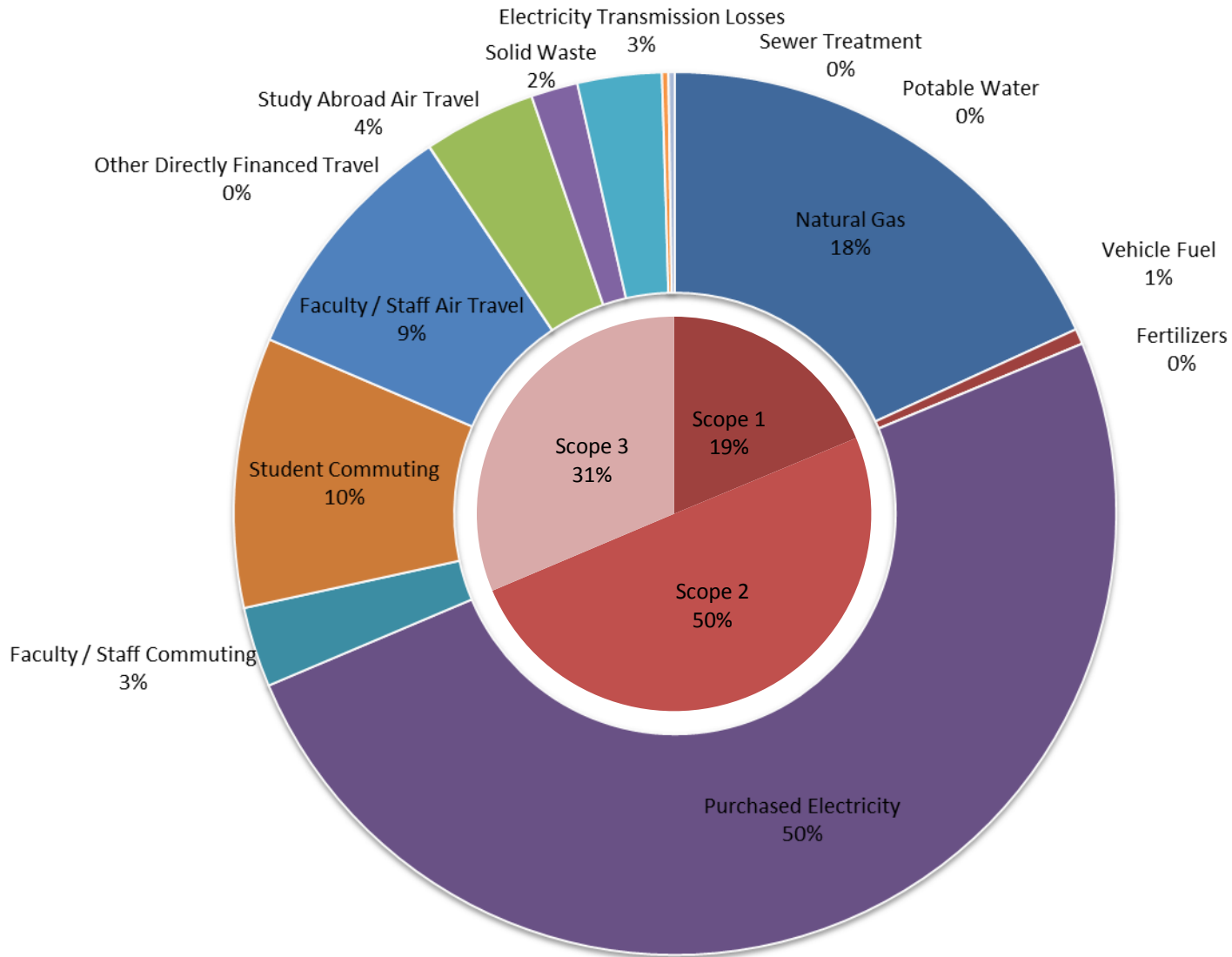


# Loyola University Chicago Greenhouse Gas Emissions FY2014



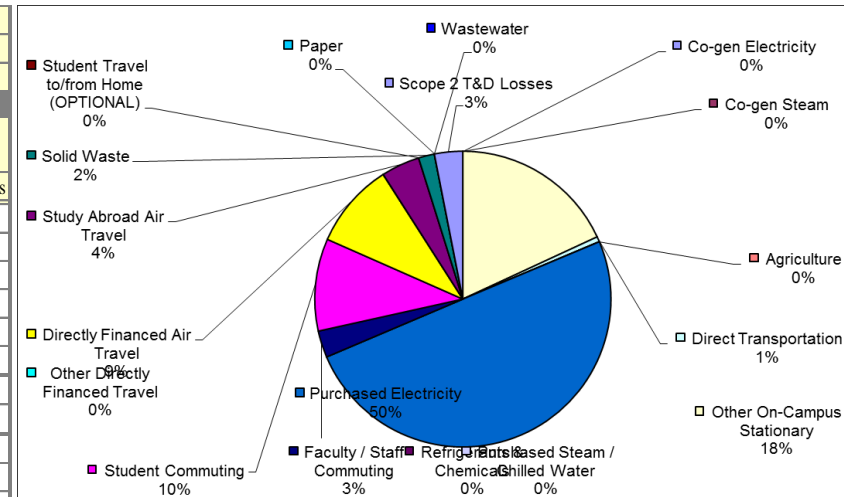


# Combined Emissions

	Lakeside Campuses	LUREC	Cuneo	Total
	eCO <sub>2</sub>	eCO <sub>2</sub>	eCO <sub>2</sub>	eCO <sub>2</sub>
Other On-Campus Stationary	14,234.1	210.7	133.6	14,578.4
Direct Transportation	445.2	8.1		453.3
Agriculture	2.5			2.5
Purchased Electricity	39,289.3	643.0	159.6	40,091.9
Faculty / Staff Commuting	2,301.1	57.4		2,358.5
Student Commuting	7,943.2			7,943.2
Directly Financed Air Travel	7,345.5			7,345.5
Other Directly Financed Travel	11.2			11.2
Study Abroad Air Travel	3,309.5			3,309.5
Solid Waste	1,369.1	6.6		1,375.7
Scope 2 T&D Losses	2,428.4	39.7	9.9	2,478.0
Potable Water	190.0			190.0
Sewer	189.0			189.0
Offsets - Additional	(12.7)	(29.6)	(22.0)	(64.3)
Offsets - Non-Additional	(848.4)			(848.4)
<i>Scope 1</i>	14,681.8	218.8	133.6	15,034.2
<i>Scope 2</i>	39,289.3	643.0	159.6	40,091.9
<i>Scope 3</i>	25,087.0	103.7	9.9	25,200.6
<b>All Scopes</b>	<b>79,058.0</b>	<b>965.5</b>	<b>303.1</b>	<b>80,326.6</b>
All Offsets	(861.1)	(29.6)	(22.0)	(912.7)
<b>Net Emissions:</b>	<b>78,196.9</b>	<b>935.9</b>	<b>281.1</b>	<b>79,413.9</b>

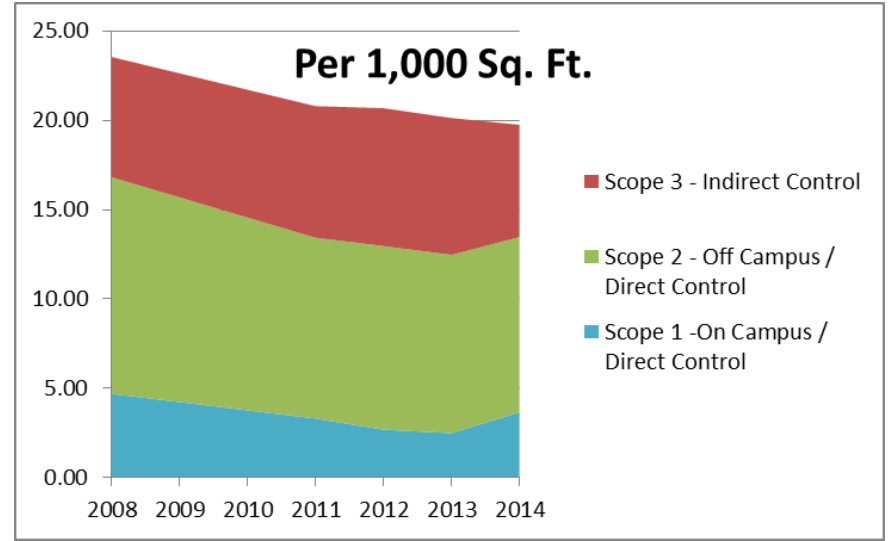
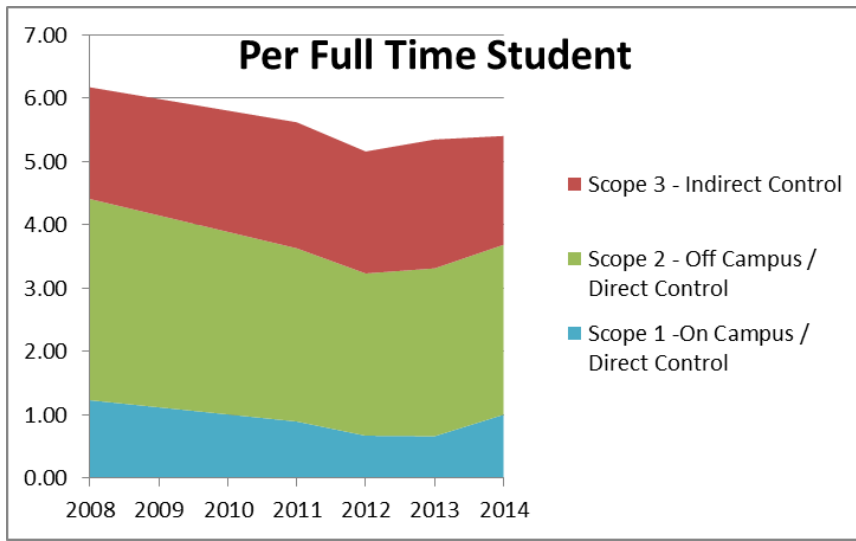
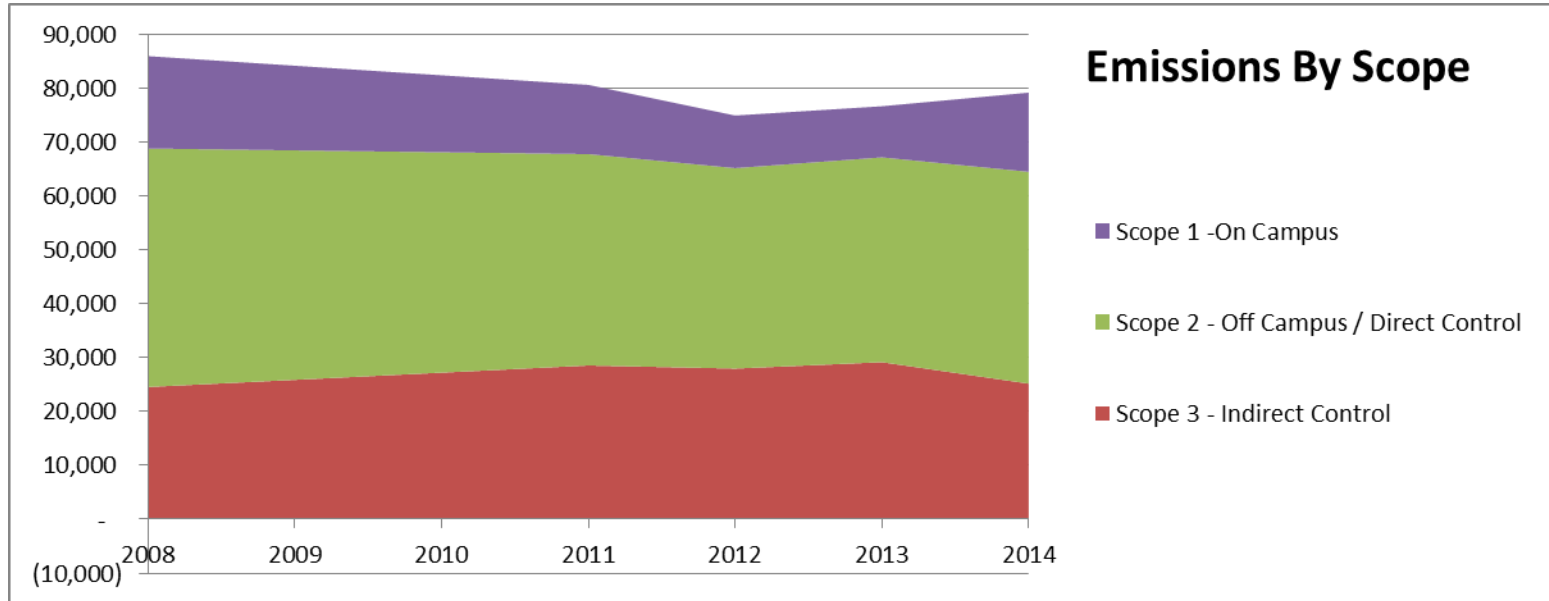
# Lakeside Campuses (Water Tower and Lake Shore)

MODULE	Summary					
WORKSHEET	Overview of Annual Emissions					
UNIVERSITY	Loyola University Chicago					
Select Year -->	2014	Energy Consumption	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	eCO <sub>2</sub>
		MMBtu	kg	kg	kg	Metric Tonnes
<b>Scope 1</b>	Co-gen Electricity	-	-	-	-	-
	Co-gen Steam	-	-	-	-	-
	Other On-Campus Stationary	267,725.0	14,194,781.9	1,268.8	25.4	14,234.1
	Direct Transportation	6,073.3	434,293.3	87.2	29.3	445.2
	Refrigerants & Chemicals	-	-	-	-	-
	Agriculture	-	-	-	8.3	2.5
<b>Scope 2</b>	Purchased Electricity	429,675.5	39,070,184.1	480.7	695.0	39,289.3
	Purchased Steam / Chilled Water	-	-	-	-	-
<b>Scope 3</b>	Faculty / Staff Commuting	29,246.6	2,268,315.2	228.6	90.8	2,301.1
	Student Commuting	101,438.7	7,829,169.9	799.2	315.5	7,943.2
	Directly Financed Air Travel	37,526.7	7,318,830.8	72.6	83.4	7,345.5
	Other Directly Financed Travel	150.4	11,120.9	0.6	0.3	11.2
	Study Abroad Air Travel	16,907.4	3,297,456.2	32.7	37.6	3,309.5
	Student Travel to/from Home (OPTIONAL)	-	-	-	-	-
	Solid Waste	-	-	54,764.6	-	1,369.1
	Wastewater	-	-	-	-	-
	Paper	-	-	-	-	-
	Scope 2 T&D Losses	26,557.3	2,414,843.5	29.7	43.0	2,428.4
<b>Offsets</b>	Additional					(12.7)
	Non-Additional					(848.4)
<b>Totals</b>	Scope 1	273,798.3	14,629,075.2	1,356.0	63.0	14,681.8
	Scope 2	429,675.5	39,070,184.1	480.7	695.0	39,289.3
	Scope 3	211,827.1	23,139,736.4	55,927.9	570.5	24,708.0
	All Scopes	915,300.9	76,838,995.8	57,764.7	1,328.6	78,679.0
	All Offsets					(861.1)
	<b>Net Emissions:</b>					<b>77,817.9</b>



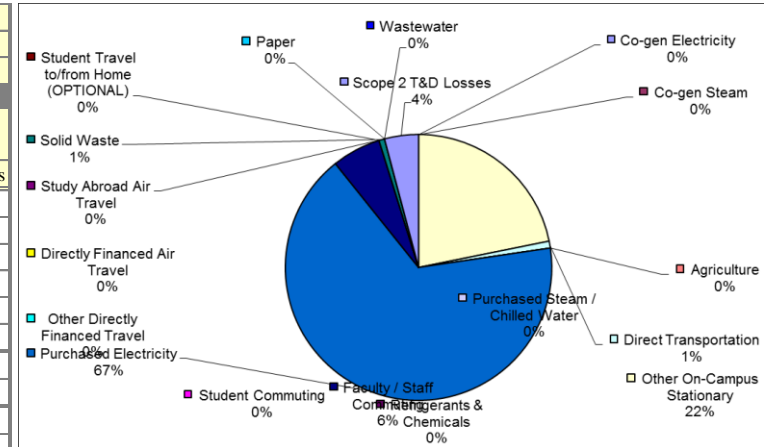
The majority of Loyola's emissions. Also tracked are emissions related to potable water (190 MT) and sewage treatment (189 MT) but not reflected on this slide.

# Lakeside Campuses Only



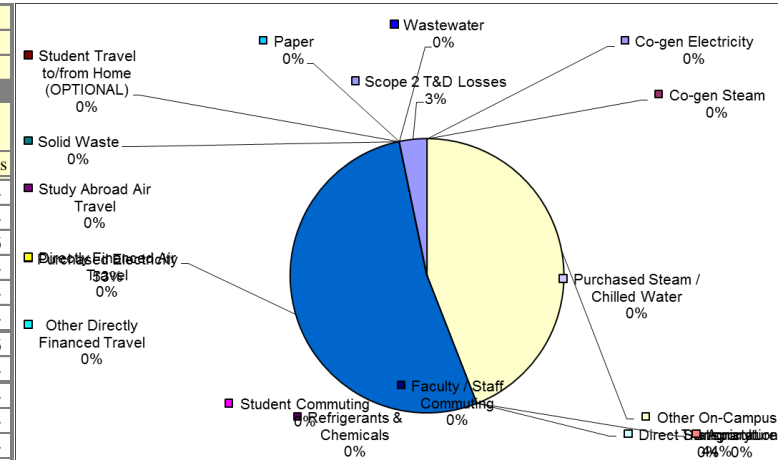
# Retreat and Ecology Campus

MODULE	Summary					
WORKSHEET	Overview of Annual Emissions					
UNIVERSITY	Loyola University Chicago -LUREC					
Select Year -->	2014	Energy Consumption	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	eCO <sub>2</sub>
		MMBtu	kg	kg	kg	Metric Tonnes
<b>Scope 1</b>	Co-gen Electricity	-	-	-	-	-
	Co-gen Steam	-	-	-	-	-
	Other On-Campus Stationary	3,963.2	210,126.7	18.8	0.4	210.7
	Direct Transportation	111.1	7,926.7	1.7	0.6	8.1
	Refrigerants & Chemicals	-	-	-	-	-
	Agriculture	-	-	-	-	-
<b>Scope 2</b>	Purchased Electricity	7,031.8	639,399.2	7.9	11.4	643.0
	Purchased Steam / Chilled Water	-	-	-	-	-
<b>Scope 3</b>	Faculty / Staff Commuting	783.5	55,905.9	11.8	3.9	57.4
	Student Commuting	-	-	-	-	-
	Directly Financed Air Travel	-	-	-	-	-
	Other Directly Financed Travel	-	-	-	-	-
	Study Abroad Air Travel	-	-	-	-	-
	Student Travel to/from Home (OPTIONAL)	-	-	-	-	-
	Solid Waste	-	-	262.1	-	6.6
	Wastewater	-	-	-	-	-
	Paper	-	-	-	-	-
	Scope 2 T&D Losses	434.6	39,519.9	0.5	0.7	39.7
<b>Offsets</b>	Additional					(29.6)
	Non-Additional					-
<b>Totals</b>	<b>Scope 1</b>	4,074.2	218,053.3	20.4	0.9	218.8
	<b>Scope 2</b>	7,031.8	639,399.2	7.9	11.4	643.0
	<b>Scope 3</b>	1,218.1	95,425.8	274.3	4.6	103.7
	All Scopes	12,324.2	952,878.3	302.6	16.9	965.5
	All Offsets					(29.6)
						<b>Net Emissions: 935.9</b>



# Cuneo Mansions & Gardens

MODULE	Summary					
WORKSHEET	Overview of Annual Emissions					
UNIVERSITY	Please enter university name on 'Introduction' sheet					
Select Year -->	2014	Energy Consumption	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	eCO <sub>2</sub>
		MMBtu	kg	kg	kg	Metric Tonnes
<b>Scope 1</b>	Co-gen Electricity	-	-	-	-	-
	Co-gen Steam	-	-	-	-	-
	Other On-Campus Stationary	2,513.0	133,239.3	11.9	0.2	133.6
	Direct Transportation	-	-	-	-	-
	Refrigerants & Chemicals	-	-	-	-	-
	Agriculture	-	-	-	-	-
<b>Scope 2</b>	Purchased Electricity	1,745.9	158,750.0	2.0	2.8	159.6
	Purchased Steam / Chilled Water	-	-	-	-	-
<b>Scope 3</b>	Faculty / Staff Commuting	-	-	-	-	-
	Student Commuting	-	-	-	-	-
	Directly Financed Air Travel	-	-	-	-	-
	Other Directly Financed Travel	-	-	-	-	-
	Study Abroad Air Travel	-	-	-	-	-
	Student Travel to/from Home (OPTIONAL)	-	-	-	-	-
	Solid Waste	-	-	-	-	-
	Wastewater	-	-	-	-	-
	Paper	-	-	-	-	-
	Scope 2 T&D Losses	107.9	9,812.0	0.1	0.2	9.9
<b>Offsets</b>	Additional					(22.0)
	Non-Additional					-
<b>Totals</b>	<b>Scope 1</b>	2,513.0	133,239.3	11.9	0.2	133.6
	<b>Scope 2</b>	1,745.9	158,750.0	2.0	2.8	159.6
	<b>Scope 3</b>	107.9	9,812.0	0.1	0.2	9.9
	All Scopes	4,366.8	301,801.2	14.0	3.2	303.1
	All Offsets					(22.0)
	<b>Net Emissions:</b>					<b>281.1</b>



# NOTES

- This report is intended as a more detailed understanding of the FY14 Greenhouse Gas Inventory showing the emissions of Cuneo and LUREC separately.
- Emissions inventory was conducted in the Spring of 2015 by Loyola students; Lauren Standal and Shayna Milstein under the guidance of Director of Sustainability Aaron Durnbaugh.
- FY14 Inventory included LUREC and Cuneo Mansions for the first time. Future inventories will incorporate the Health Sciences Campus as soon as tracking allows.