

## MIT Greenhouse Gas Emissions

	BY CATEGORY	Unit	2014	2015	2016	2017	2018	
All Inventory Emissions	MIT Owned Buildings	MTCO2e	204,177	191,768	187,848	186,780	192,982	
	Fleet Vehicles	MTCO2e	1,150	1,151	1,007	1,094	1,026	
	Fugitive Process Gases	MTCO2e	4,000	4,000	3,423	5,655	5,055	
	Leased Buildings	MTCO2e	4,101	4,101	5,759	4,865	4,937	
	<b>BY TYPE</b>							
	MIT Owned Buildings: Fuels	MTCO2e	161,579	151,665	134,913	120,635	142,838	
	Fleet Vehicles	MTCO2e	1,150	1,151	1,007	1,094	1,026	
	Fugitive Process Gases	MTCO2e	4,000	4,000	3,423	5,655	5,055	
	Buildings: Purchased Electricity	MTCO2e	38,765	36,494	48,086	60,249	45,675	
	T&D Losses from Purchased Electricity	MTCO2e	3,834	3,609	4,848	5,895	4,469	
	Leased Buildings	MTCO2e	4,101	4,101	5,759	4,865	4,937	
	<b>BY SCOPE</b>							
	Scope 1: Direct Emissions	MTCO2e	166,729	156,816	139,344	127,384	148,918	
Scope 2: Indirect Emissions	MTCO2e	38,765	36,494	48,086	60,249	45,675		
Scope 3: Indirect Emissions	MTCO2e	7,935	7,710	10,608	10,760	9,406		
<b>Total Gross Campus Emissions</b>		<b>MTCO2e</b>	<b>213,428</b>	<b>201,020</b>	<b>198,038</b>	<b>198,394</b>	<b>204,000</b>	
<b>Solar Farm Off-set (purchase + T&amp;D loss)</b>		<b>MTCO2e</b>				<b>(19,308)</b>	<b>(33,040)</b>	
<b>Total Net Campus Emissions with Solar Offset</b>		<b>MTCO2e</b>				<b>179,086</b>	<b>170,960</b>	

## Space

	BY CATEGORY	Unit	2014	2015	2016	2017	2018
Gross Square Footage	MIT Owned Buildings	GSF	12,149,907	12,093,381	12,199,671	12,394,103	12,396,148
	MIT Leased Buildings	GSF	451,064	451,064	515,732	515,856	470,464

The MIT GHG Inventory is managed by the MIT Office of Sustainability and updated annually

**Data sources:** MIT SAP purchase detail via MIT DataPool, Department of Facilities and Office of Sustainability

**Reporting periods:** Fiscal year (July-June), and billing period

*\*Building (all years), fleet (2018), and fugitive emissions (2018) data are based on fiscal year, other years are calendar. Leased building data is calendar year.*



Office of Sustainability

[sustainability.mit.edu/ghginventory](https://sustainability.mit.edu/ghginventory)