



Department of Environmental Protection

New Jersey Statewide Greenhouse Gas Emissions Inventory Update: 2018 Estimates (2019 Edition)

Table 1. Estimated NJ Greenhouse Gas Emissions, 2016-2018 (100-year GWP)

Values are in million metric tons CO₂e.

SECTOR	1990	2006	2016	2017	2018
ENERGY					
Commercial	10.7	9.2	10.9	9.0	9.4
Industrial	19.8	16.3	7.5	6.8	7.2
Residential	15.2	13.7	14.6	14.5	15.2
Transportation					
On-Road Gasoline*	28.9	34.0	31.2	30.8	29.4
Distillate*	5.6	7.8	8.2	8.0	7.9
Jet Fuel	1.0	1.0	1.0	1.0	1.0
Residual Fuel	1.0	0.8	2.0	2.2	2.0
Other	0.4	0.3	0.4	0.4	0.3
Electricity					
In-State Electric	12.4	18.5	20.6	17.2	17.4
Imported Electric	14.1	11.7	0.0	0.0	0.0
MSW Incineration	n/a	0.8	0.8	0.8	0.7



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NON-ENERGY					
Halogenated Gases (excl. SF ₆)**	0.0	2.3	4.6	4.8	5.0
SF ₆	1.0	0.3	0.1	0.1	0.1
Agriculture	0.6	0.5	0.3	0.4	0.4
Natural Gas Transmission & Distribution	2.5	2.6	2.6	2.5	2.5
Landfills					
In-State	11.7	3.5	3.2	3.1	3.1
Out-of-State	2.6	1.0	1.5	1.6	1.6
Industrial	1.1	0.2	0.2	0.2	0.2
POTWs***	0.2	0.2	0.4	0.4	0.4
Released through Land Clearing	0.6	1.8	1.0	1.0	1.0
Other Industrial and Non-Fuel Related	0.3	0.1	0.3	0.3	0.3
TOTAL GROSS EMISSIONS	129.6	126.6	111.4	105.1	105.1
Sequestered	-4.0	-6.0	-8.1	-8.1	-8.1
TOTAL NET EMISSIONS	125.6	120.6	103.3	97.0	97.0

This is an archived document. To find the most recent edition of the Greenhouse Gas Inventory visit, www.state.nj.us/dep/aqes/oce-ghgei.html



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Notes:

*Incorporates results of USEPA Motor Vehicles Emissions Simulator (MOVES) model which takes into account vehicle miles traveled (VMT).

**Adjusted using U.S. Climate Alliance (USCA) halogenated/fluorinated gas emission estimation methodology.

***POTW--publicly owned treatment works

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