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Canada

Government of Canada's Greenhouse Gas Emissions Inventory

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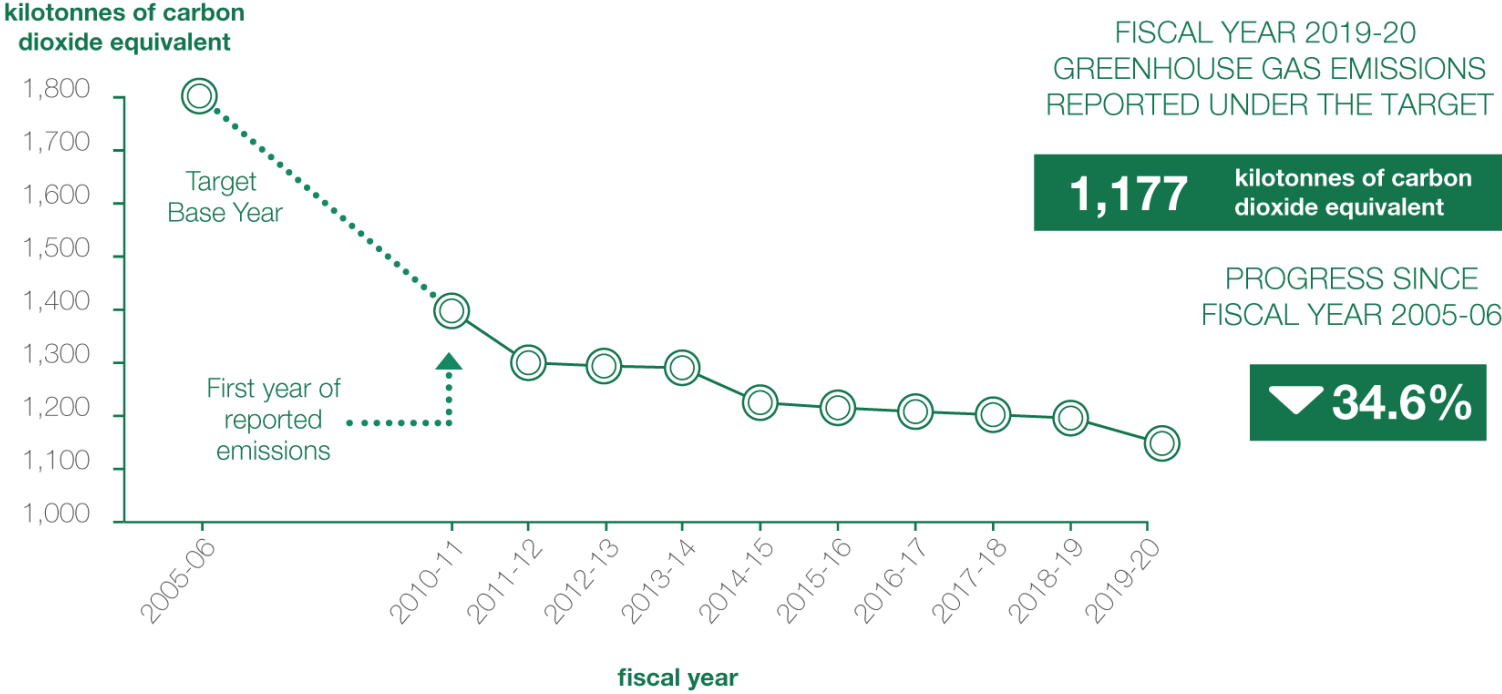
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Aussi offert en français sous le titre : Inventaire des émissions de gaz à effet de serre du gouvernement
du Canada

Inventory of federal greenhouse gas emissions fiscal year 2019 to 2020

The Government of Canada is committed to delivering a low-carbon, clean growth economy and reducing greenhouse gas emissions. We are sharing the emissions we currently track from our operations. Going forward we are committed to sharing a more comprehensive footprint.

Figure 1. Greenhouse gas emissions reported from real property and administrative fleet operations



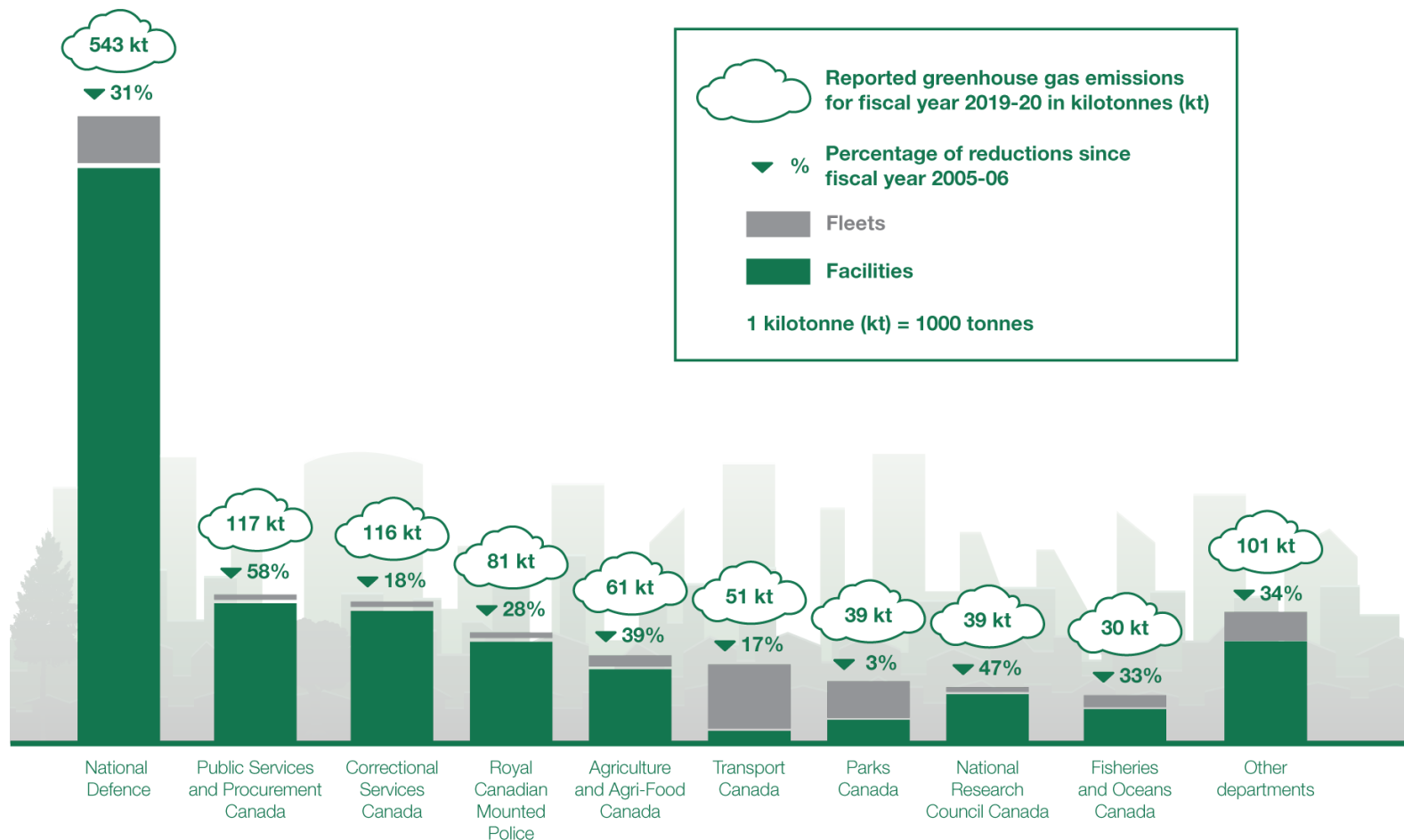
▼ Figure 1. Greenhouse gas emissions reported from real property and administrative fleet operations - Text version

Total federal greenhouse gas (GHG) emissions (in kilotonnes of carbon dioxide equivalent) from real property and administrative fleet operations reported under the target in fiscal year between 2005 to 2006 and 2019 to 2020. In fiscal year 2019 to 2020 the federal government reported 1,177 kilotonnes of carbon dioxide equivalent, which represents a 34.6% reduction since fiscal year 2005 to 2006.

Facilities generated 90% of federal greenhouse gas emissions from real property and administrative fleet operations in the 2019 to 2020 fiscal year

Fleets	Facilities
10%	90%

Figure 2. Reported federal greenhouse gas emissions from real property and administrative fleet operations in fiscal year 2019 to 2020 and reductions since 2005



▼ Figure 2. Reported federal greenhouse gas emissions from real property and administrative fleet operations in fiscal year 2019 to 2020 and reductions since 2005 - Text version

Total federal GHG emissions (in kilotonnes of carbon dioxide equivalent) from real property and administrative fleet operations reported under the target in fiscal year 2019 to 2020, by federal organization. GHG emissions are separated by facilities or fleet. The percentage reduction since fiscal year 2005 to 2006 is also shown for each federal organization.

The following table provides an overview of results:

Federal organization	Emissions from facilities for fiscal year 2019 to 2020 (kt CO2 eq)	Emissions from fleets for fiscal year 2019 to 2020 (kt CO2 eq)	Total emissions for fiscal year 2019 to 2020 (kt CO2 eq)	Percentage change compared with fiscal year 2005 to 2006
National	515.4	27.4	542.8	-31%

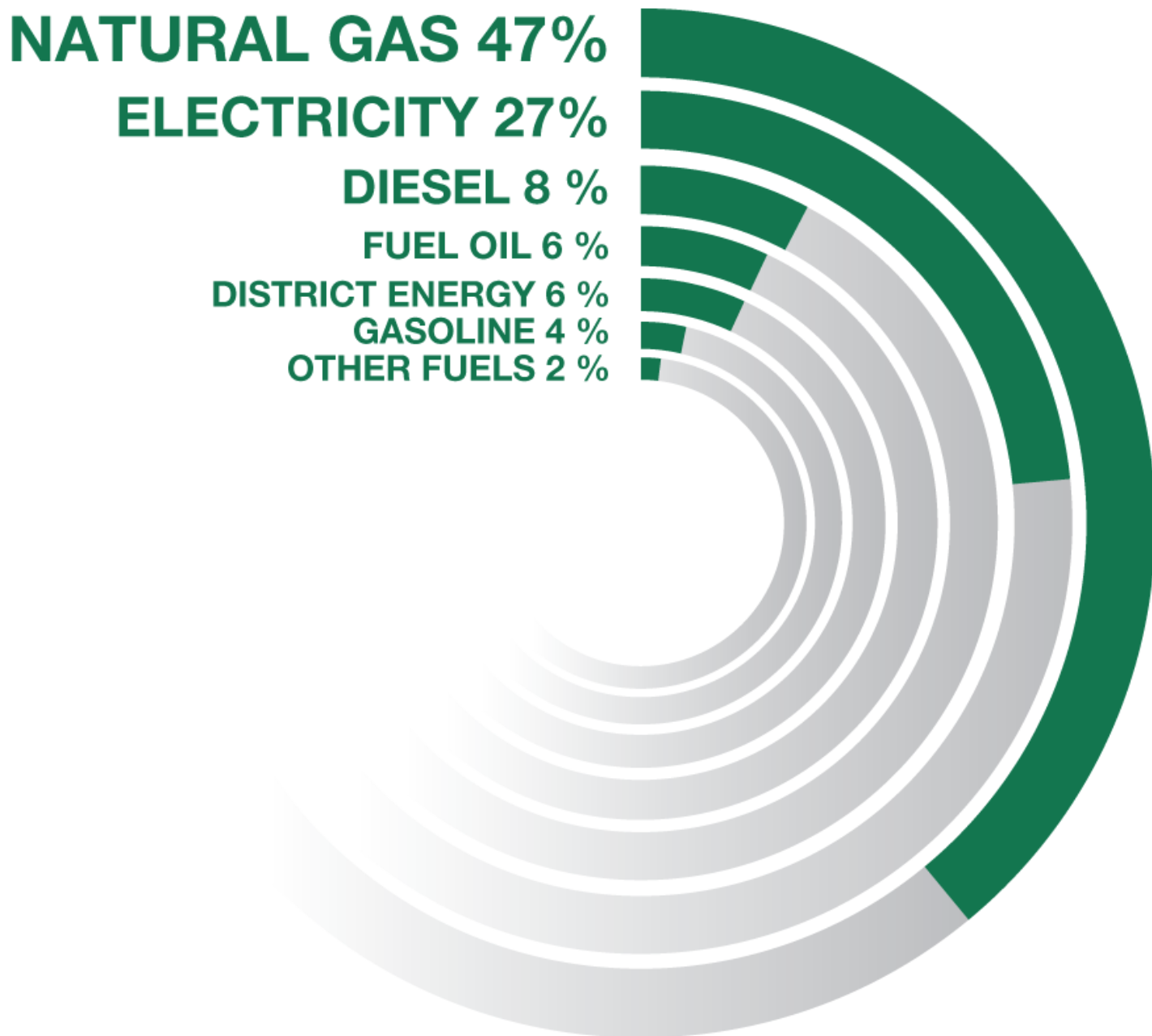
Defence				
Public Services and Procurement Canada	116.1	0.8	116.8	-58%
Correctional Service Canada	113.0	3.1	116.1	-18%
Royal Canadian Mounted Police	78.8	2.4	81.2	-28%
Agriculture and Agri-Food Canada	56.5	4.2	60.7	-39%
Transport Canada	5.0	46.1	51.1	-17%
National Research Council Canada	37.7	1.1	38.8	-47%
Parks Canada	24.5	14.4	38.9	-3%
Fisheries and Oceans Canada	22.3	7.2	29.5	-33%
Canadian Food Inspection Agency	17.8	3.6	21.4	-35%
Natural Resources Canada	19.2	0.8	20.0	-42%

Environment and Climate Change Canada	10.7	3.2	13.9	-35%
Canada Border Services Agency	7.2	4.3	11.5	-10%
Health Canada	10.9	0.4	11.3	-50%
Public Health Agency of Canada	6.9	0	6.9	-4%
Public Safety Canada	3.9	0	3.9	-45%
Library and Archives Canada	2.6	0	2.6	-12%
Crown-Indigenous Relations and Northern Affairs Canada	2.2	0.1	2.3	29%
Indigenous Services Canada	0	2.0	2.0	-10%
Innovation, Science and Economic Development Canada	0.7	0.9	1.6	-50%
Canadian	1.2	0	1.2	-46%

Space Agency				
Shared Services Canada	0.3	0.7	1.0	N/A
Canadian Forces Morale and Welfare Services	0.67	0	0.67	-73%
Employment and Social Development Canada	0	0.3	0.3	-79%
Canada Revenue Agency	0	0.2	0.2	-48%
National Battlefields Commission	0.16	0	0.16	-18%
Immigration, Refugees and Citizenship Canada	0	0.04	0.04	-58%
Total	1,054	123	1,177	-34.6%

Sources of greenhouse gas emissions from real property and administrative fleet operations in the 2019 to 2020 fiscal year

Figure 3. Sources of greenhouse gas emissions from real property and administrative fleet operations reported in the 2019 to 2020 fiscal year

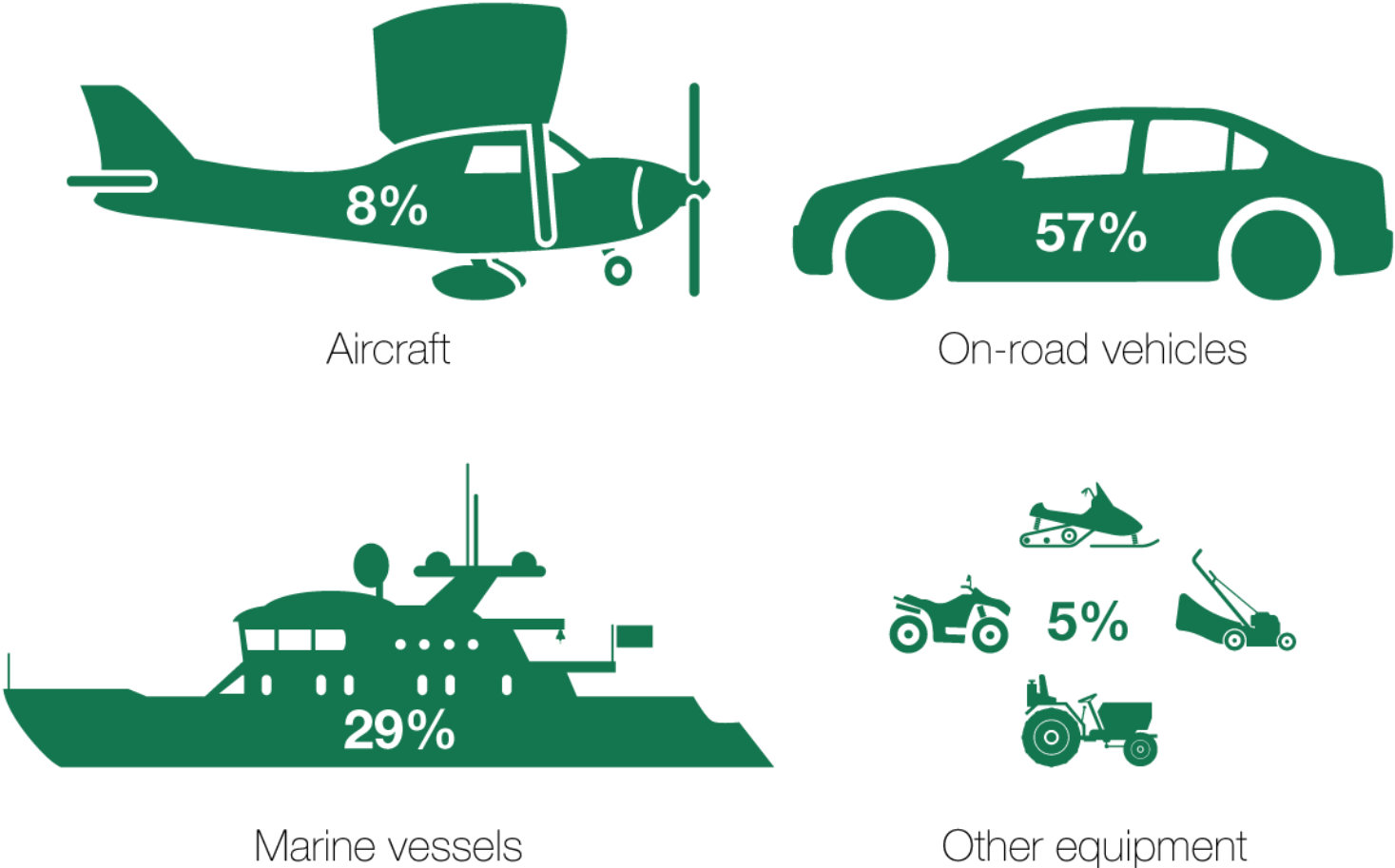


▼ Figure 3. Sources of greenhouse gas emissions from real property and administrative fleet operations reported in the 2019 to 2020 fiscal year

Sources of federal GHG emissions from real property and administrative fleet operations reported under the target in fiscal year 2019 to 2020, by energy category. From highest to lowest; natural gas (47%), electricity (27%), diesel (8%), fuel oil (6%), district energy (6%), gasoline (4%), and other fuels (2%).

Sources of greenhouse gas emissions from federal fleets under the target in the 2019 to 2020 fiscal year

Figure 4. Sources of greenhouse gas emissions from federal fleets reported in the 2019 to 2020 fiscal year

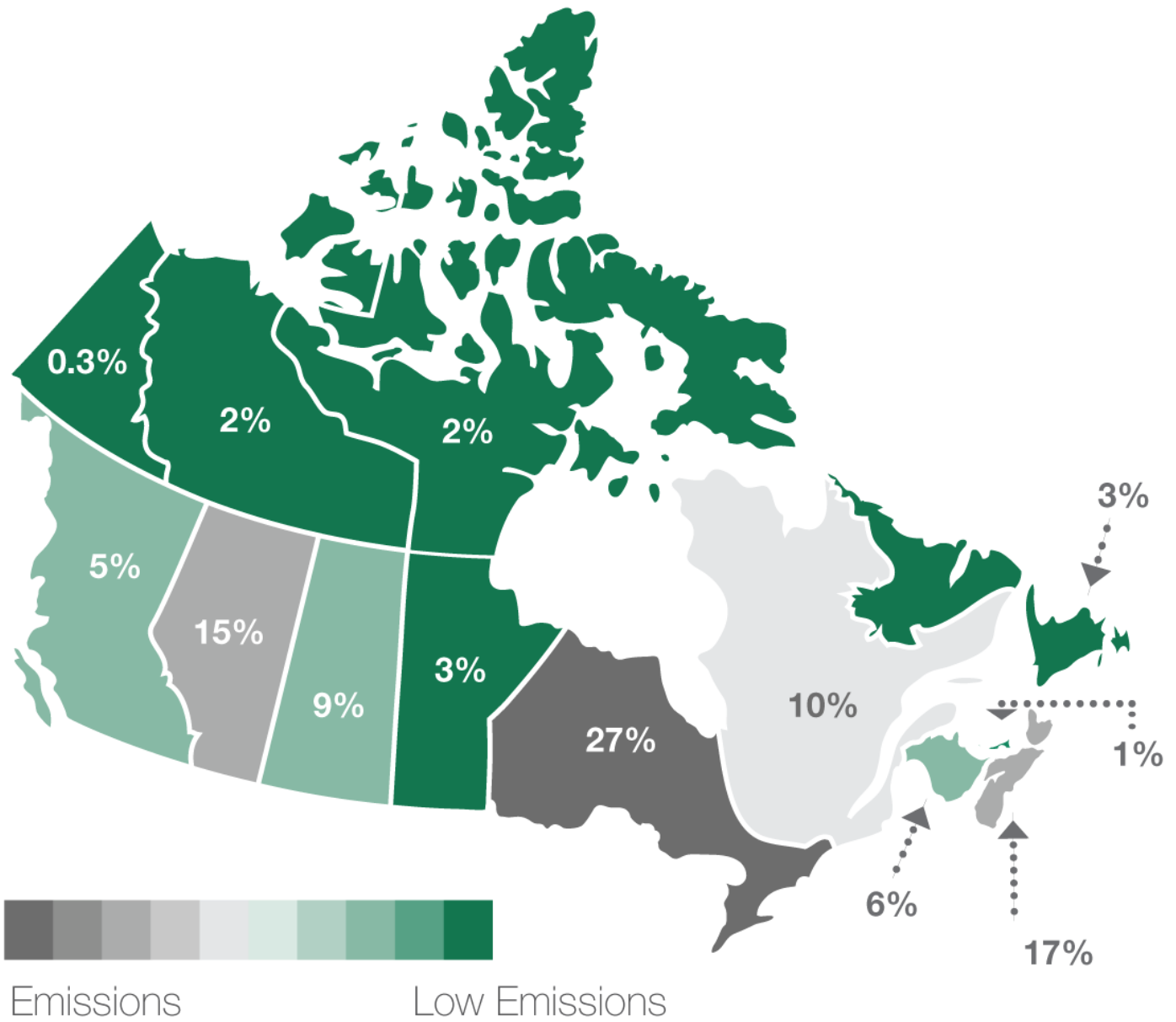


▼ Figure 4. Sources of greenhouse gas emissions from federal fleets reported in the 2019 to 2020 fiscal year - Text version

Sources of GHG emissions from the federal fleet reported under the target in fiscal year 2019 to 2020. From highest to lowest; on-road (57%), marine vessels (29%), aircraft (8%), and other equipment (5%).

Fiscal year 2019 to 2020 greenhouse gas emissions from federal facilities by province/territory

Figure 5. Fiscal year 2019 to 2020 greenhouse gas emissions from federal facilities by province/territory



▼ Figure 5. Fiscal year 2019 to 2020 greenhouse gas emissions from federal facilities by province/territory - Text version

A map of Canada displays the significance of GHG emissions from federal facilities in each province/territory, reported in fiscal year 2019 to 2020. These GHG emissions are a result of federal operations located in Ontario (27%), Nova Scotia (17%), Alberta (15%), Quebec (10%), Saskatchewan (9%), New Brunswick (6%), British Columbia (5%), Manitoba (3%), Newfoundland and Labrador (3%),

Northwest Territories (2%), Nunavut (2%), Prince Edward Island (1%), and Yukon (0.3%)

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