



OFFICE OF THE PARLIAMENTARY BUDGET OFFICER  
BUREAU DU DIRECTEUR PARLEMENTAIRE DU BUDGET

24 December 2019

The Honourable Jonathan Wilkinson, Minister  
Environment and Climate Change Canada  
200 Sacré-Coeur Boulevard  
Gatineau, QC  
K1A 0H3

[ec.ministre-minister.ec@canada.ca](mailto:ec.ministre-minister.ec@canada.ca)

### Information Request IR0442

Dear Minister Wilkinson:

As you are likely aware, the Parliamentary Budget Officer (PBO) provides independent and non-partisan analysis to the Senate and to the House of Commons about matters related to the nation's finances and the economy, the estimates, certain other documents government documents and the cost of proposals. In carrying out my mandate, I often require information held by government departments and Crown corporations and I am entitled to free and timely access – subject to limited exceptions – to such information under section 79.4 of the *Parliament of Canada Act*.

I am currently undertaking an analysis pursuant to paragraph 79.2(1)(b) of the *Parliament of Canada Act*, which mandates the PBO to prepare reports on matters of particular significance relating to the nation's finances or economy that are listed in an annual work plan.

For this analysis, I am requesting the following information:

- In electronic format, the actual and projected CO<sub>2</sub>, N<sub>2</sub>O and CH<sub>4</sub> emissions for Canada (2011-2030) by 75 economic sectors. More specifically, I would like such emissions for the cases reported in, Canada's 4th Biennial Report to the United Nations Framework Convention on Climate Change to be published on January 1, 2020 for the sectors defined in attached Appendix A. In addition, I would like the projections of GDP and population used for those scenarios.

In order to provide the analysis to parliamentarians in a timely manner, I ask the information to be provided to my office no later than **15 January 2020**. If access to the requested information cannot be granted by that date, a response must be provided by you or your deputy minister as soon as possible.

Should you or your staff have any questions about this information request, the analyst responsible, Philip Bagnoli can be contacted directly at [Philip.Bagnoli@parl.gc.ca](mailto:Philip.Bagnoli@parl.gc.ca), 613-286-2687.

Attached is a reply form. It too should be filled out and returned by 15 January 2020, whether or not you provide access to the requested information. Should you refuse to provide access to the requested information, you or your deputy minister must provide a written justification for the refusal as required under section 79.41 of the *Parliament of Canada Act*.

The response letter will be posted on the PBO website and, therefore, it should not be marked "confidential". As well, the requested information should be attached separately. If this information is confidential, please clearly mark it as such, either on the electronic spreadsheet or the hard copy version.

Providing timely and effective analysis to the Senate and House of Commons and promoting greater budget transparency and accountability are the PBO's primary objectives. The degree to which this is possible depends, to a large extent, on free and timely access to quality information held by government departments. In doing so, you are assisting us in better serving the Senate, the House of Commons, and their members.

Yours sincerely,

A handwritten signature in blue ink, appearing to read "Yves Giroux".

Yves Giroux  
Parliamentary Budget Officer

c.c.: Antoine Brunelle-Côté, Privy Council Office, Assistant Secretary to the Cabinet,  
Liaison Secretariat for Macroeconomic Policy  
Christine Hogan, Deputy Minister, Environment and Climate Change Canada

Attachment: Annex A  
Reply form for IR0442



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## IR0442 Actual and Projected GHG Emissions: Appendix A

In electronic format, the actual and projected CO<sub>2</sub>, N<sub>2</sub>O and CH<sub>4</sub> emissions for Canada (2011-2030) by 75 economic sectors. More specifically, I would like such emissions for the main cases in Canada's 4th Biennial Report to the United Nations Framework Convention on Climate Change to be published on January 1, 2020. In addition, I would like the projections of GDP and population used for those scenarios.

### Appendix A

	Detailed Sectors		Detailed Sectors		Detailed Sectors
1	Single Family	26	CSS Oil Sands	51	Other Non-Metallic
2	Multi Family	27	Oil Sands Mining	52	Fabricated Metals
3	Other Residential	28	Oil Sands Upgraders	53	Machines
4	Wholesale Trade	29	Iron Ore Mining	54	Computers
5	Retail Trade	30	Non-Metal Mining	55	Electric Equipment
6	Warehousing and Storage	31	Other Metal Mining	56	Transport Equipment
7	Information and Cultural Industries	32	Pulp and Paper Mills	57	Other Manufacturing
8	Offices	33	Petrochemicals	58	Coal Mining
9	Educational Services	34	Industrial Gas	59	Construction
10	Health Care and Social Assistance	35	Other Chemicals	60	Forestry
11	Arts, Accommodation, Food, Other	36	Fertilizer	61	Solid Waste
12	Natural Gas Distribution	37	Cement	62	Waste Water
13	Oil Pipelines	38	Lime & Gypsum	63	Incineration
14	Natural Gas Pipelines	39	Iron & Steel	64	On Farm Fuel Use
15	LNG Production	40	Aluminum	65	Crop Production
16	Petroleum Products	41	Other Nonferrous Metal	66	Animal Production
17	Light Oil Mining	42	Food & Tobacco	67	Passenger
18	Heavy Oil Mining	43	Textiles	68	Freight
19	Frontier Oil Mining	44	Apparel	69	Air Passenger
20	Conventional Gas Production	45	Lumber	70	Air Freight
21	Unconventional Gas Production	46	Furniture	71	Foreign Passenger
22	Sweet Gas Processing	47	Printing	72	Foreign Freight
23	Sour Gas Processing	48	Rubber	73	Residential Off Road
24	Primary Oil Sands	49	Leather	74	Commercial Off Road
25	SAGD Oil Sands	50	Glass	75	Utility Electric Generation