

Shown: 2025 & 2030: Min/max of unconditional and conditional targets

2020 baseyear (dotted), with (orange) and without (blue) LULUCF. 2030 BY once with wildfires (61Mt) removed, once 2x to account for insects (blue).

# NDC Factsheet

Paris Agreement ratified on: 05/10/2016

## Canada

Per-Capita Emissions in 2030 rel. 2010 (excl. LULUCF):

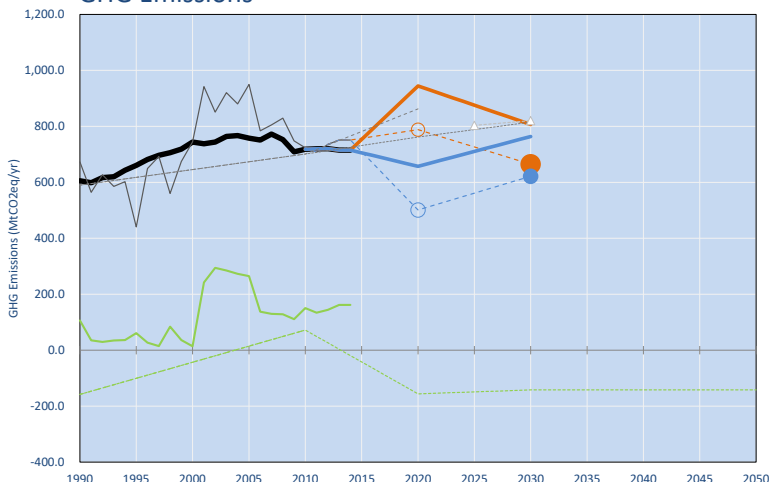
**-8%**

Cancun 2020	NDC 2025	NDC 2030	2010 World Rank	2025 World Rank	2030 World Rank
-17% rel. 2005		-30% -30% rel.2005	1.6% #11	1.4% #11	1.4% #13
Share of World Emissions excl. LULUCF (Rank):			21t #12	20.3t #10	19.4t #12
Per-Capita Emissions (tCO2eq/cap)					

NDC: Canada intends to achieve an economy-wide target to reduce its greenhouse gas emissions by 30% below 2005 levels by 2030. (GWP AR4)

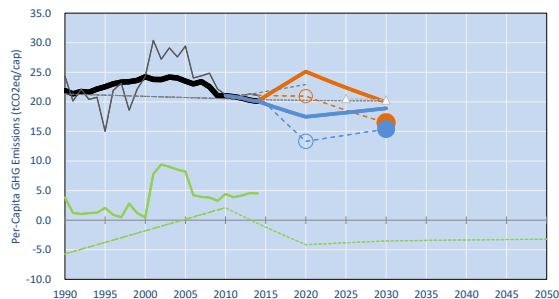
NDC Submitted: 15/05/2015

### GHG Emissions

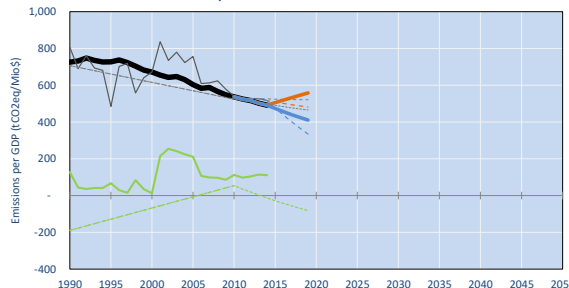


- Reference Total GHG excl. LULUCF
- Historical Covered Emissions, incl. LULUCF, if covered.
- LOW INDC Covered Emissions, incl. LULUCF if covered
- LOW INDC Covered + Non-Covered Emissions, excl. LULUCF
- HIGH INDC Covered Emissions, incl. LULUCF
- HIGH INDC Covered + Non-Covered Emissions, excl. LULUCF
- NM Total excl. LULUCF Projections
- WM Total excl. LULUCF Projections
- NM LULUCF Projections
- Regional/Gas-specific BAU
- Not-covered GHG excl. LULUCF (Region Projection)
- Reference LULUCF Emissions
- LOW INDC Levels
- LOW INDC Covered Emissions, excl. LULUCF
- HIGH INDC Levels
- HIGH INDC Covered Emissions, excl. LULUCF
- LOW Cancun Pledges
- WM LULUCF Projections

### Per-Capita Emissions



### GHG Emissions per GDP



### 2010 Total GHG Emissions excl. LULUCF

By Gas:	By Sector:
CO2: 77.6%	Cat. 1 Energy: 81.5%
CH4: 16.4%	Cat. 2, 3, 6 & 7: 10.3%
N2O: 5.9%	Cat. 4. Agriculture: 8.1%
F-gases: 0.1%	F-gases: 0.1%

### GHG Emissions

	1990	2000	2005	2010	2020		2025		2030	
(MtCO2eq/yr in GWP AR5)					low	high	low	high	low	high
Assumed LULUCF Accounting Credits (-)/Debits (+)					-	28				
NDC covered LULUCF Emissions	67	0	192	5	156	156	149	149	142	142
NDC covered Emissions excl. LULUCF	606	744	758	718	944	657	876	710	807	764
Total GHG excl. LULUCF	606	744	758	718	944	657	876	710	807	764
Total GHG incl. LULUCF	712	758	1,023	869	788	501	727	561	665	622

### Relative GHG Emissions

	1990	2000	2005	2010	2020		2025		2030	
Total excl. LULUCF					low	high	low	high	low	high
Relative 1990	100%	123%	125%	119%	156%	108%	145%	117%	133%	126%
Relative 2000	81%	100%	102%	97%	127%	88%	118%	95%	108%	103%
Relative 2005	80%	98%	100%	95%	125%	87%	116%	94%	106%	101%
Relative 2010	84%	104%	106%	100%	131%	91%	122%	99%	112%	106%

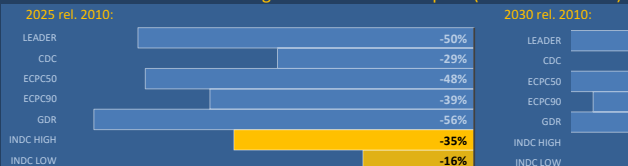
### Per-Capita Emissions

	1990	2000	2005	2010	2020		2025		2030	
Total excl. LULUCF					low	high	low	high	low	high
Population (Mio)	28	31	32	34	38	38	39	39	40	40
Per-Capita Emissions (tCO2eq/cap)	21.9	24.2	23.5	21.0	25.1	17.5	22.4	18.2	20.0	18.9
Relative 1990	100%	111%	107%	96%	115%	80%	102%	83%	91%	86%
Relative 2000	90%	100%	97%	87%	104%	72%	92%	75%	82%	78%
Relative 2005	93%	103%	100%	90%	107%	74%	95%	77%	85%	80%
Relative 2010	104%	115%	112%	100%	119%	83%	106%	86%	95%	90%

### Data Sources:

Cat1_CO2	PRIMAPHIST16	CatSA1_CO2	UNFCCC CRF + Nat. Comms.
Cat2367_CO2	PRIMAPHIST16	CatSA2_CO2	UNFCCC CRF + Nat. Comms.
Cat4_CO2	PRIMAPHIST16	CatSA1NonFCL_CO2	UNFCCC CRF + Nat. Comms.
Cat5_CO2	PRIMAPHIST16	CatSA1NonFCL_CO2	UNFCCC CRF + Nat. Comms.
Cat1_CH4	PRIMAPHIST16	CatSA1ForestFires	UNFCCC CRF + EDGAR(IPCC Database)
Cat2367_CH4	PRIMAPHIST16	CatSA1HWP_CO2	UNFCCC CRF + Nat. Comms.
Cat4_CH4	PRIMAPHIST16	CatSbSA_CO2	UNFCCC CRF + NATCOMMM.
Cat5_CH4	PRIMAPHIST16	CatSbSB_CO2	UNFCCC CRF + NATCOMMM.
Cat1_N2O	PRIMAPHIST16	CatSbSB_CO2	UNFCCC CRF + NATCOMMM.
Cat2367_N2O	PRIMAPHIST16	CatSbSB_CO2	UNFCCC CRF + NATCOMMM.
Cat4_N2O	PRIMAPHIST16	CatSbSB_CO2	UNFCCC CRF + NATCOMMM.
Cat5_N2O	PRIMAPHIST16	CatSbSB_CO2	UNFCCC CRF + NATCOMMM.
Cat0_HFCs	PRIMAPHIST16	PRO_WM_Cat5_G	UNFCCC Annex I Reports
Cat0_PFCs	PRIMAPHIST16		
Cat0_SF6	PRIMAPHIST16		
Population	UN 2015 Population Projections MEDIUM	Metric	GWP AR5
GDP	IMF WEO 2015, PPP adjusted GDP, constant 2009 prices...		
IPCC WG3 Scenario	IMAGE   AMPERE2-550-FullTech-HST		
PRIMAPHIST16 description:	www.pik-potsdam.de/primap-live/primap-hist/		
Gratefully acknowledged in particular:	PRIMAP, CATI, CDIAC, EDGAR, IPCC, IEA, UNEP GAP Team, AMPERE Team and comments on earlier versions, in particular by Giacomo Grassi. Errors and misjudgments are our own. Malte Meinshausen & Ryan Alexander		
This Factsheet is available at	www.climatecollege.unimelb.edu.au/indc-factsheets. Check out as well: www.climateactiontracker.org, www.mitigation-contributions.org, caft.wri.org, infographics.pbl.nl/indc-live, primap.org, www.unep.org/climatechange/pledgepipeline, and our twitter feed @ClimateCollege		
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### Various 'fair' contributions for a global 'least-cost' 2°C path (total incl. LULUCF):



### More info on www.mitigation-contributions.org

### "Fair" contributions for a global 'least-cost' 2°C track:

LEADER	Leader
CDC	Common-but-diff. per-cap. convergence
ECPC50	Eq. cum. Per-capita since 1990
ECPC90	Eq. cum. Per-capita since 1990
GDR	Greenhouse Development Rights
#N/A	No available data