



**Historical GHG Emissions Summary  
Newfoundland and Labrador, 1990-2019 <sup>1</sup>**  
**(kt CO<sub>2</sub> equivalent)**

National Inventory Report (NIR) Greenhouse Gas Categories	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
<b>e. Industrial Wood Waste Landfills</b>	<b>58</b>	<b>60</b>	<b>62</b>	<b>63</b>	<b>65</b>	<b>66</b>	<b>67</b>	<b>67</b>	<b>68</b>	<b>66</b>	<b>65</b>	<b>64</b>	<b>62</b>	<b>61</b>	<b>59</b>	<b>58</b>	<b>57</b>	<b>55</b>	<b>54</b>	<b>52</b>	<b>51</b>	<b>49</b>	<b>48</b>	<b>47</b>	<b>45</b>	<b>44</b>	<b>43</b>	<b>41</b>	<b>40</b>	<b>39</b>	
<b>EMISSION RATIOS</b>																															
Emissions per capita (t GHG/population)	16.5	14.7	14.5	14.8	13.3	15.2	15.6	16.9	19.7	18.2	17.5	19.1	23.1	22.8	21.5	20.5	19.8	21.8	20.8	19.5	19.1	19.6	18.7	18.9	20.7	20.9	21.2	21.1	20.8	21.2	
Emissions intensity (t GHG/\$m real 2007 GDP) <sup>6</sup>	495	439	444	446	383	418	445	468	509	437	396	417	432	400	379	349	322	318	309	325	306	307	307	295	328	334	336	328	334	325	
Emissions relative to 1990 (% change) <sup>7</sup>		-10.9	-11.7	-10.1	-19.8	-9.6	-8.3	-2.5	11.4	1.4	-3.2	4.3	25.6	23.8	16.4	10.2	6.0	16.2	11.2	5.5	4.7	7.8	3.0	4.2	14.6	15.4	17.6	16.7	14.6	16.1	
Emissions relative to 2005 (% change) <sup>8</sup>	-9.2	-19.2	-19.9	-18.4	-27.2	-17.9	-16.8	-11.5	1.1	-7.9	-12.2	-5.3	14.0	12.4	5.7	0.0	-3.8	5.4	0.9	-4.3	-5.0	-2.2	-6.5	-5.4	4.0	4.7	6.7	5.9	4.0	5.4	
NL emissions as share of Canadian total (%)	1.6	1.4	1.4	1.4	1.2	1.3	1.3	1.3	1.5	1.4	1.3	1.4	1.7	1.6	1.5	1.4	1.4	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.5	1.5	
<b>LAND USE, LAND-USE CHANGE AND FORESTRY <sup>9</sup></b>	<b>4,248</b>	<b>3,243</b>	<b>2,546</b>	<b>2,740</b>	<b>1,957</b>	<b>1,705</b>	<b>1,213</b>	<b>888</b>	<b>997</b>	<b>634</b>	<b>605</b>	<b>160</b>	<b>17</b>	<b>259</b>	<b>97</b>	<b>43</b>	<b>-314</b>	<b>-460</b>	<b>106</b>	<b>42</b>	<b>-290</b>	<b>-691</b>	<b>-1,015</b>	<b>-472</b>	<b>-263</b>	<b>-276</b>	<b>-300</b>	<b>-493</b>	<b>-52</b>	<b>-264</b>	
Forest land	2,648	1,642	820	883	211	-200	-610	-1,002	-701	-1,041	-1,163	-1,358	-1,506	-1,043	-1,376	-1,467	-1,709	-1,921	-1,368	-1,465	-1,669	-1,970	-2,203	-1,751	-1,812	-1,833	-1,885	-1,992	-1,471	-1,603	
Cropland	17	17	18	19	20	20	21	21	21	21	22	22	24	25	26	27	28	27	28	28	28	28	29	28	26	26	25	25	24	24	
Wetlands	32	31	31	27	27	3	3	17	48	31	29	25	25	23	22	20	19	18	7	6	6	6	6	5	5	6	6	6	6	6	
Settlements	84	71	74	69	67	65	70	66	66	63	66	65	72	70	64	65	64	65	69	72	68	71	89	185	357	430	411	268	250	240	
Harvested Wood Products	1,467	1,482	1,604	1,742	1,633	1,817	1,729	1,786	1,563	1,559	1,651	1,406	1,403	1,185	1,362	1,398	1,284	1,351	1,370	1,401	1,276	1,174	1,064	1,062	1,160	1,094	1,144	1,199	1,139	1,070	

Source: Environment Canada

Emissions per capita and emissions intensity calculated using Statistics Canada population and GDP estimates.

Footnotes:

- Data may be subject to further revisions in subsequent years
- NIR total emissions exclude all GHGs from the Land Use, Land-use Change and Forestry sector.
- Emissions from ethanol and biodiesel are included in the Transport categories using gasoline and diesel respectively.
- Emissions from Ammonia Production, Nitric Acid Production and Petrochemical Production and Carbon Black categories are included in Non-Energy Products from Fuels and Solvent Use as CO<sub>2</sub> eq values within provincial/territorial tables.
- Emission estimates from consumption of PFCs and NF<sub>3</sub>, as well as emissions of SF<sub>6</sub> from semi-conductor manufacturing, are only available at the national level.  
HFC and PFC consumption began in 1995; HFC emissions occurring as a by-product of HCFC production (HCFC-22 exclusively) only occurred in Canada from 1990-1992 and PFC emissions prior to 1995 are the result of by-product CF<sub>4</sub> emissions from the use of NF<sub>3</sub>.
- Based on chained 2012 dollars.
- The province has endorsed the Forum of New England Governors and Eastern Canadian Premiers regional targets on a provincial basis: (i) 2010 level to return to the 1990 level; and (ii) 2020 level to be 10% below the 1990 level.
- The province has established a provincial target for 2030 equal to 30% below 2005 levels, which is the same as the federal target.
- Land use, land use change and forestry estimated on an IPCC basis including forestry, croplands, wetlands, settlements and harvested wood products. These data are not published in the provincial estimates section of the National Inventory Report.

- Indicates no emissions

x Indicates data has been suppressed to respect confidentiality