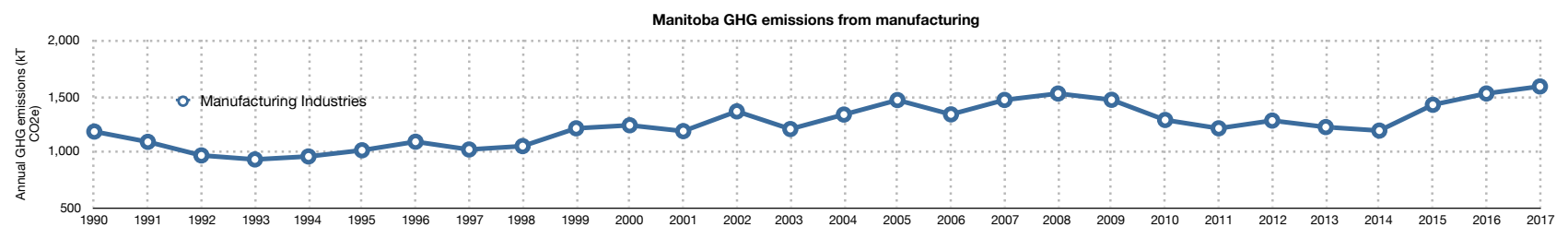
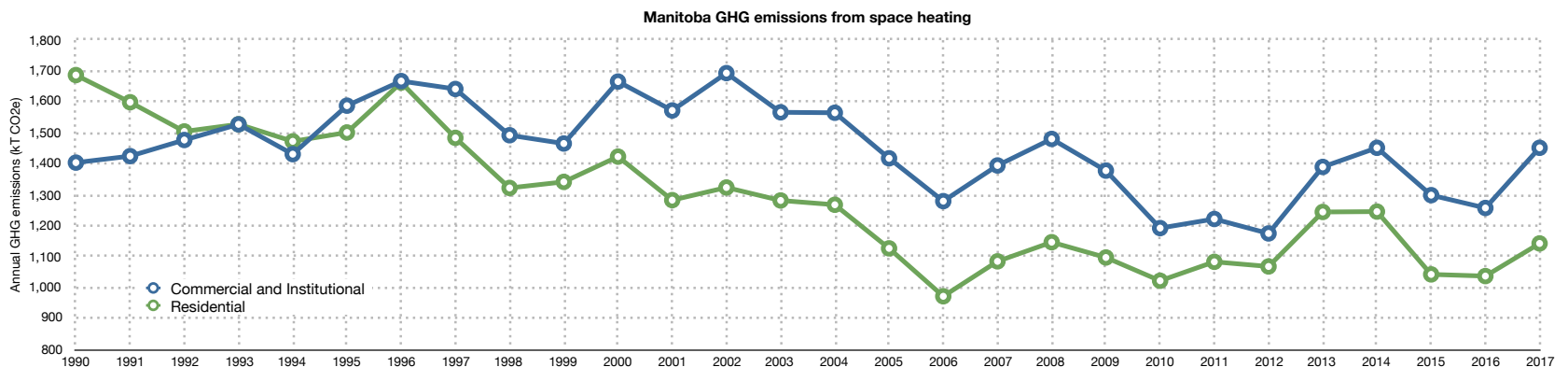
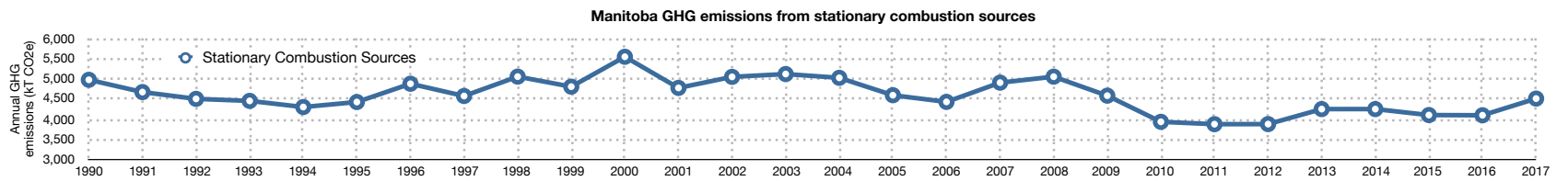


Manitoba GHG emissions

Stationary combustion sources

	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
Manitoba TOTAL	18,296	17,903	18,190	18,212	18,666	19,447	20,240	19,904	20,426	20,173	20,688	19,311	19,846	20,359	20,638	20,122	20,303	20,792	20,562	19,342	19,098	18,858	20,179	20,901	20,794	20,620	20,980	21,668
Stationary Combustion Sources	4,977	4,673	4,504	4,454	4,302	4,426	4,879	4,575	5,056	4,806	5,547	4,776	5,049	5,119	5,026	4,595	4,429	4,906	5,054	4,583	3,935	3,877	3,879	4,251	4,251	4,103	4,098	4,511
Public Electricity and Heat Production	518	385	388	299	312	198	305	273	1,012	606	1,072	552	460	815	613	358	420	495	444	202	91	123	112	120	127	124	70	70
Petroleum Refining Industries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mining	79	80	62	28	8	13	11	12	20	19	22	44	26	88	104	96	283	310	302	253	162	91	95	107	91	78	59	97
Manufacturing Industries	1,182	1,090	968	931	958	1,014	1,091	1,021	1,051	1,212	1,239	1,186	1,364	1,205	1,336	1,466	1,337	1,467	1,525	1,468	1,287	1,212	1,281	1,223	1,191	1,424	1,525	1,589
Construction	63	46	51	38	41	34	32	45	85	76	62	61	69	79	83	86	92	103	99	76	106	113	108	123	111	104	122	120
Commercial and Institutional	1,404	1,425	1,477	1,527	1,431	1,588	1,667	1,642	1,492	1,465	1,665	1,572	1,693	1,566	1,565	1,418	1,279	1,395	1,480	1,378	1,192	1,222	1,175	1,390	1,452	1,299	1,257	1,452
Residential	1,686	1,599	1,505	1,528	1,473	1,501	1,662	1,484	1,322	1,342	1,423	1,283	1,323	1,282	1,268	1,127	972	1,085	1,147	1,098	1,022	1,084	1,069	1,245	1,246	1,043	1,038	1,143
Agriculture and Forestry	43	47	52	101	77	77	110	98	72	87	64	77	113	83	56	43	43	51	56	108	74	33	37	43	34	32	26	41
Stationary Combustion vs 1990	0.0%	-6.1%	-9.5%	-10.5%	-13.6%	-11.1%	-2.0%	-8.1%	1.6%	-3.4%	11.5%	-4.0%	1.5%	2.9%	1.0%	-7.7%	-11.0%	-1.4%	1.6%	-7.9%	-20.9%	-22.1%	-22.1%	-14.6%	-14.6%	-17.6%	-17.7%	-9.4%
Residential vs 1990	0.0%	-5.2%	-10.8%	-9.4%	-12.7%	-11.0%	-1.4%	-12.0%	-21.6%	-20.4%	-15.6%	-23.9%	-21.5%	-24.0%	-24.8%	-33.2%	-42.3%	-35.7%	-32.0%	-34.9%	-39.4%	-35.7%	-36.6%	-26.2%	-26.1%	-38.2%	-38.5%	-32.2%
Commercial & Institutional vs 1990	0.0%	1.5%	5.2%	8.8%	1.9%	13.1%	18.8%	16.9%	6.3%	4.4%	18.6%	12.0%	20.6%	11.6%	11.5%	1.0%	-8.9%	-0.7%	5.5%	-1.8%	-15.1%	-13.0%	-16.3%	-1.0%	3.4%	-7.5%	-10.4%	3.4%
Manufacturing Industries vs 1990	0.0%	-7.8%	-18.2%	-21.2%	-19.0%	-14.2%	-7.7%	-13.7%	-11.1%	2.5%	4.8%	0.3%	15.4%	1.9%	13.0%	24.0%	13.1%	24.1%	29.0%	24.2%	8.8%	2.5%	8.4%	3.4%	0.7%	20.4%	29.0%	34.4%



Data source: Environment Canada, Canada's Greenhouse Gas Inventory, <http://www.ec.gc.ca/ges-ghg>
 Chart by: Climate Change Connection, <http://climatechangeconnection.org>