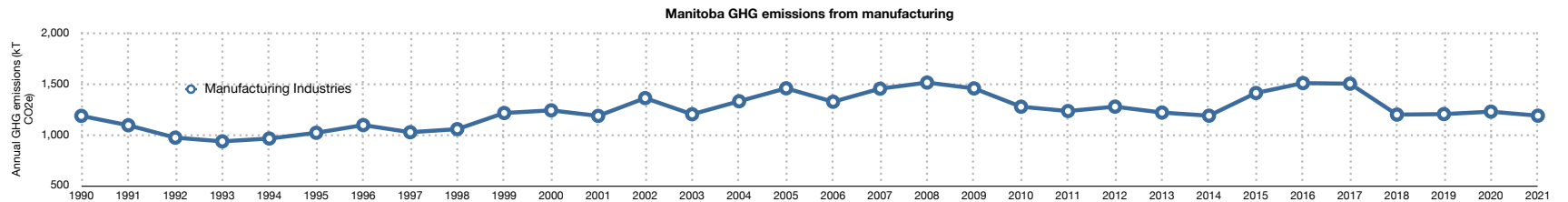
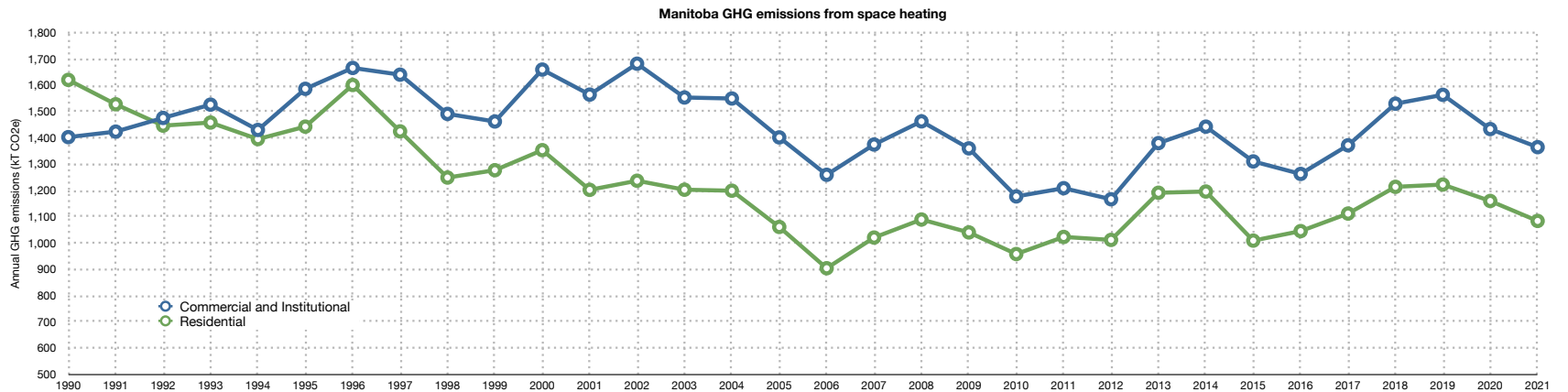
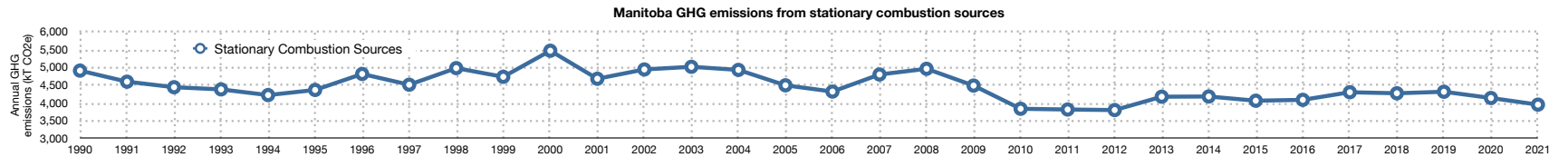


Manitoba GHG emissions

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	2018	2019	2020	2021	
Manitoba TOTAL	18,042	17,711	18,036	18,102	18,632	19,300	20,007	19,849	20,373	20,179	20,678	19,413	20,113	20,458	20,665	20,297	20,668	21,012	20,976	19,398	19,017	18,970	20,504	21,028	20,952	20,692	20,930	21,404	22,177	21,925	21,167	20,702	
Stationary Combustion Sources	4,913	4,603	4,448	4,386	4,226	4,370	4,819	4,517	4,984	4,739	5,472	4,685	4,946	5,020	4,933	4,501	4,325	4,805	4,965	4,493	3,842	3,821	3,806	4,181	4,187	4,069	4,093	4,306	4,277	4,320	4,145	3,958	
Public Electricity and Heat Production	519	386	389	300	312	199	304	273	1,012	605	1,072	551	459	813	612	357	419	494	444	201	90	122	112	120	126	124	69	70	41	40	41	57	
Petroleum Refining Industries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oil and Gas Extraction	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	120	120	119	108	
Manufacturing Industries	1,183	1,090	968	931	959	1,016	1,092	1,021	1,052	1,211	1,237	1,182	1,358	1,198	1,327	1,454	1,322	1,451	1,511	1,453	1,273	1,230	1,273	1,215	1,184	1,408	1,506	1,500	1,195	1,200	1,224	1,185	
Construction	63	46	51	38	41	34	32	45	85	76	62	61	68	79	83	85	90	101	98	75	105	112	108	122	110	105	122	114	126	123	114	112	
Commercial and Institutional	1,404	1,425	1,477	1,527	1,431	1,588	1,667	1,642	1,492	1,463	1,661	1,566	1,683	1,555	1,551	1,403	1,261	1,376	1,464	1,361	1,178	1,210	1,167	1,381	1,444	1,311	1,264	1,373	1,531	1,565	1,434	1,366	
Residential	1,622	1,529	1,448	1,459	1,396	1,444	1,602	1,426	1,250	1,278	1,354	1,203	1,238	1,204	1,200	1,062	905	1,022	1,090	1,041	959	1,024	1,013	1,192	1,197	1,010	1,046	1,113	1,215	1,223	1,161	1,085	
Stationary Combustion vs 1990	0.0%	-6.3%	-9.5%	-10.7%	-14.0%	-11.0%	-1.9%	-8.1%	1.4%	-3.5%	11.4%	-4.6%	0.7%	2.2%	0.4%	-8.4%	-12.0%	-2.2%	1.1%	-8.5%	-21.8%	-22.2%	-22.5%	-14.9%	-14.8%	-17.2%	-16.7%	-12.4%	-12.9%	-12.1%	-15.6%	-19.4%	
Residential vs 1990	0.0%	-5.7%	-10.7%	-10.0%	-13.9%	-11.0%	-1.2%	-12.1%	-22.9%	-21.2%	-16.5%	-25.8%	-23.7%	-25.8%	-26.0%	-34.5%	-44.2%	-37.0%	-32.8%	-35.8%	-40.9%	-36.8%	-37.5%	-26.2%	-26.5%	-37.7%	-35.5%	-31.4%	-25.1%	-24.6%	-28.4%	-33.1%	
Commercial & Institutional vs 1990	0.0%	1.5%	5.2%	8.8%	1.9%	13.1%	18.8%	16.9%	6.3%	4.2%	18.3%	11.5%	19.9%	10.7%	10.5%	-0.1%	-10.2%	-2.0%	4.3%	-3.0%	-16.1%	-13.8%	-16.8%	-1.6%	2.8%	-6.6%	-10.0%	-2.2%	9.1%	11.5%	2.2%	-2.7%	
Manufacturing Industries vs 1990	0.0%	-7.8%	-18.2%	-21.2%	-18.9%	-14.1%	-7.7%	-13.6%	-11.1%	2.4%	4.6%	-0.0%	14.8%	1.3%	12.2%	23.0%	11.8%	22.7%	27.7%	22.9%	7.6%	4.0%	7.7%	2.7%	0.1%	19.1%	27.3%	26.8%	1.1%	1.5%	3.5%	0.2%	



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