

Exploratory Data Analysis of crimes in Canada

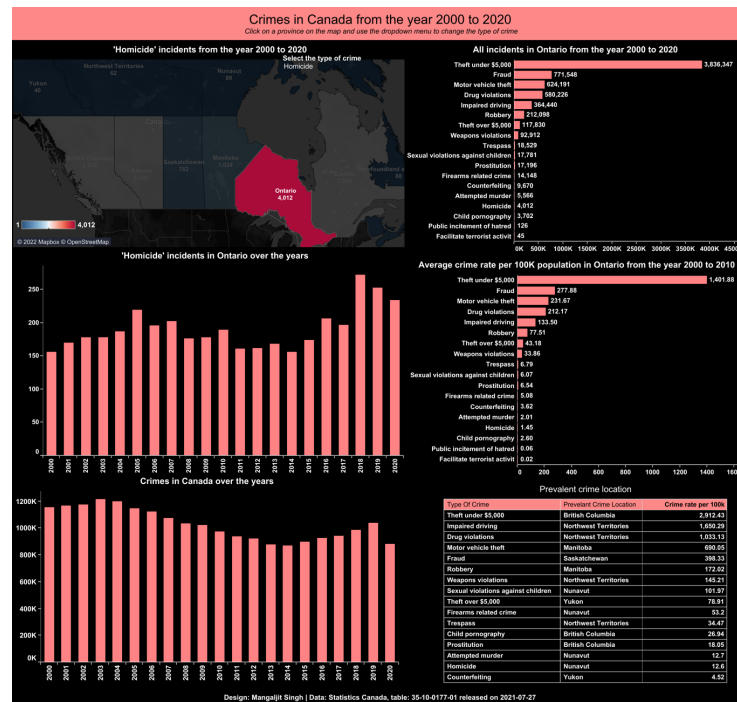
From the year 2000 to 2020



Data source : Statistics Canada, table: 35-10-0177-01, released on 2021-07-27

Introduction

- In this project, the exploratory data analysis is performed on the incident-based crime data for Canada available at Statistics Canada (table: 35-10-0177-01, released on 2021-07-27).
- For the analysis, pandas, seaborn and matplotlib library available with open-source Python programming were utilized.
- Data analysis also involved cleaning the data to bring it into a useful format facilitating the data analysis.
- A tableau dashboard was also prepared, and the dashboard is available on the following link.
https://public.tableau.com/views/CrimesinCanadafrom2000-2020/Dashboard?:language=en-US&:display_count=n&:origin=viz_share_link
- A snapshot of the tableau dashboard is shown below.



All the python codes are available at the link below:
[Mangaljit/Crimes_in_Canada_2000_2020 \(github.com\)](https://github.com/Mangaljit/Crimes_in_Canada_2000_2020)

Important findings of the data analysis.

- Theft under \$5000, motor vehicle theft, fraud, drug violations and impaired driving were the top 5 crimes in Canada over the year 2000 to 2020.
- Northwest Territories, Yukon, Nunavut, Saskatchewan and British Columbia were the top 5 provinces with the highest crime rate (crimes per 100k population).
- Ontario, Quebec, British Columbia, Alberta and Saskatchewan were the top 5 provinces with the highest number of crimes over the year 2000 to 2020.
- British Columbia has the highest crime rate for crimes related to theft under \$5000, child pornography and prostitution.
- Northwest Territories is the province with the highest crime rate for impaired driving, drug violations, weapon violations, trespassing and public incitement of hatred.
- Manitoba is the province with the highest crime rate for motor vehicle theft and robbery.
- Nunavut is the province with the highest crime rate for Sexual violations against children, Firearms related crime, Attempted murder and homicide.
- Yukon is the province with the highest crime rate for crimes related to Theft over \$5000 and Counterfeiting.
- Ontario, Quebec and British Columbia were the top 3 provinces with highest number drug violations crime.
- Among all the provinces, Ontario was the top province with the highest number of crimes related to Theft under \$5,000, Fraud, Motor vehicle theft, Drug violations, Impaired driving, Robbery, Theft over \$5,000, weapon violations, sexual violations against children, prostitution, firearm related crimes, counterfeiting, attempted murder and homicide.

Important findings of the data analysis.

- British Columbia was the top province with the highest number of trespass and child pornography related crimes.
- Quebec was the top province with the highest number of crimes related of sexual violations against children and Public incitement of hatred.
- Impaired driving, Fraud, Sexual violations against children, weapon violations and Child pornography were the top 5 crimes with a positive growth in crime rate from the year 2000 to 2020.
- Theft under \$5,000, Motor vehicle theft and Drug violations were the top 3 crimes with a negative growth in crime rate from the year 2000 to 2020.

A quick look at the data set

Year	Location	Crime	Incidents	Crime rate
2000	Alberta	Attempted murder	35	1.16
2000	Alberta	Counterfeiting	137	4.56
2000	Alberta	Drug violations	6979	232.25
2000	Alberta	Firearms related crime	203	6.76
2000	Alberta	Fraud	11800	392.69
...
2020	Yukon	Sexual violations against children	27	64.21
2020	Yukon	Theft over \$5,000	29	68.96
2020	Yukon	Theft under \$5,000	782	1859.6
2020	Yukon	Trespass	8	19.02
2020	Yukon	Weapons violations	62	147.44

- The dataset contains a total of 4663 rows.

Category of crimes in the data set

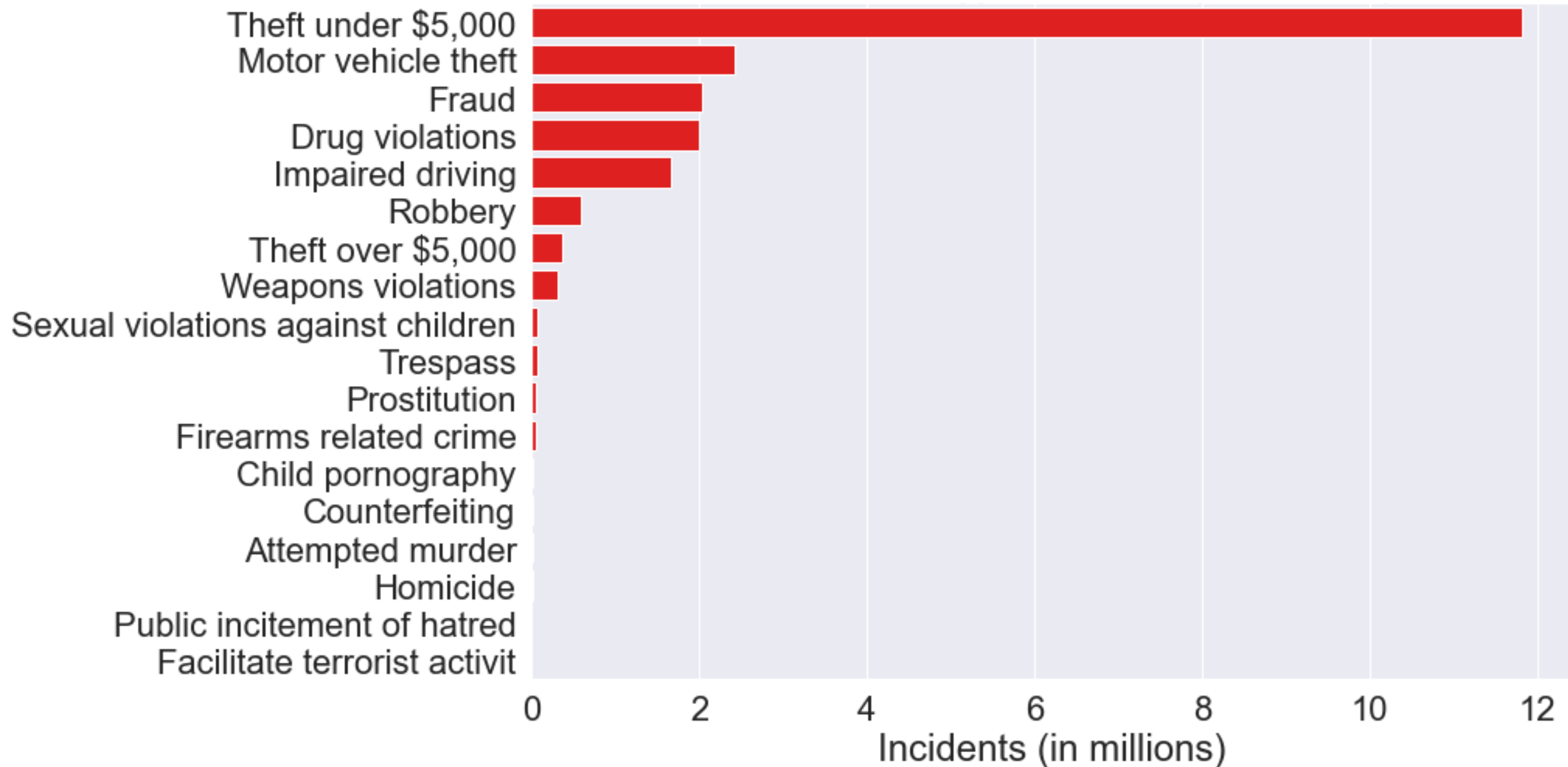
- There are a total of 18 unique category of crimes in the data set.

Crime
Attempted murder
Counterfeiting
Drug violations
Firearms related crime
Fraud
Homicide
Impaired driving
Motor vehicle theft
Prostitution
Robbery
Sexual violations against children
Theft over \$5,000
Theft under \$5,000
Trespass
Weapons violations
Facilitate terrorist activit
Public incitement of hatred
Child pornography

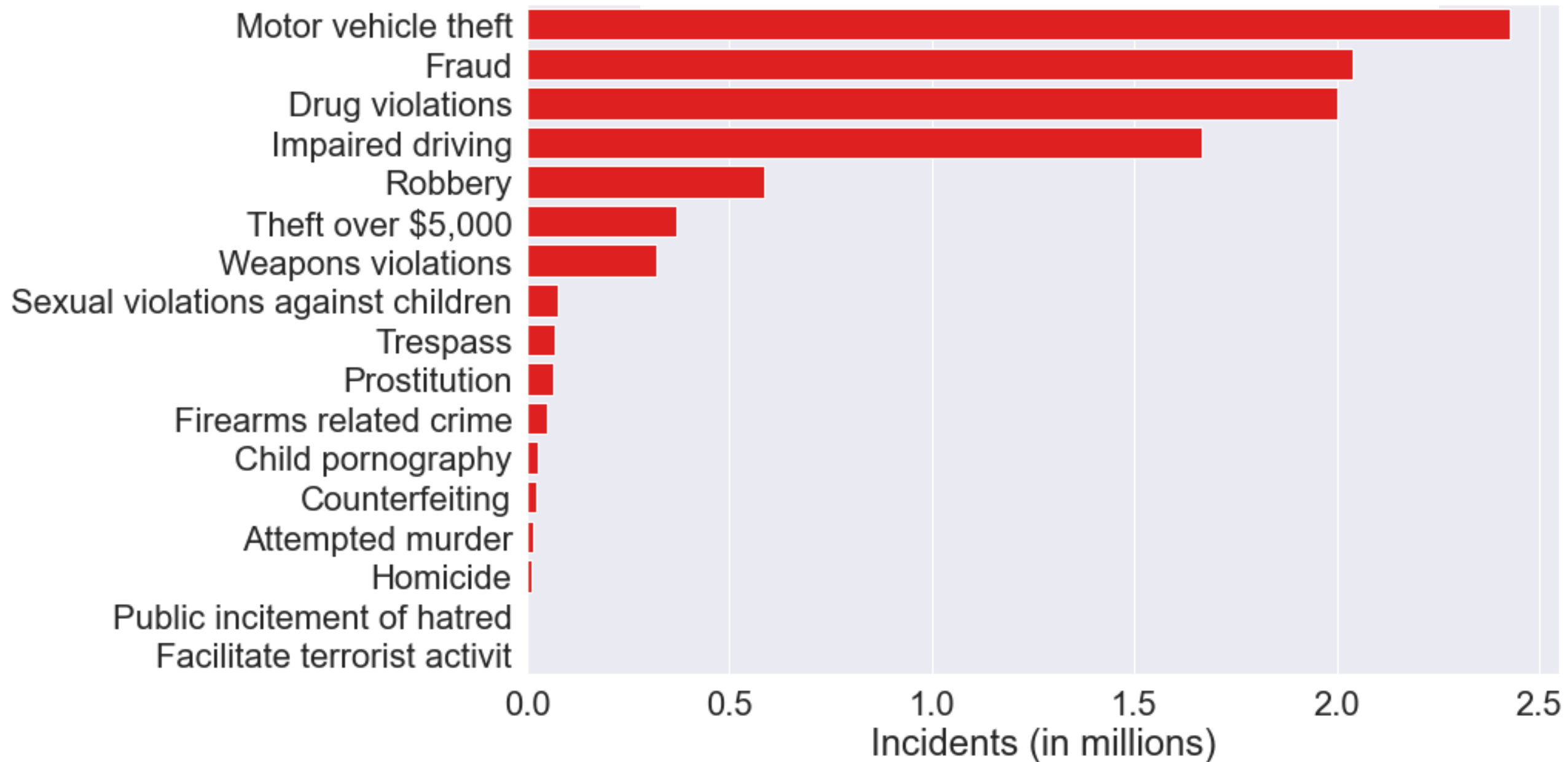
Category wise total number of crimes in Canada (2000 to 2020)

Crime	Incidents
Theft under \$5,000	11808215
Motor vehicle theft	2426849
Fraud	2039657
Drug violations	2003269
Impaired driving	1666504
Robbery	584867
Theft over \$5,000	367422
Weapons violations	318966
Sexual violations against children	75836
Trespass	68410
Prostitution	62989
Firearms related crime	47437
Child pornography	26238
Counterfeiting	24386
Attempted murder	15730
Homicide	12641
Public incitement of hatred	755
Facilitate terrorist activities	102

Category wise total number of crimes in Canada (2000-2020)



Category wise total number of crimes in Canada (2000-2020)



Category wise crime rate per 100k population in Canada (2000-2020)

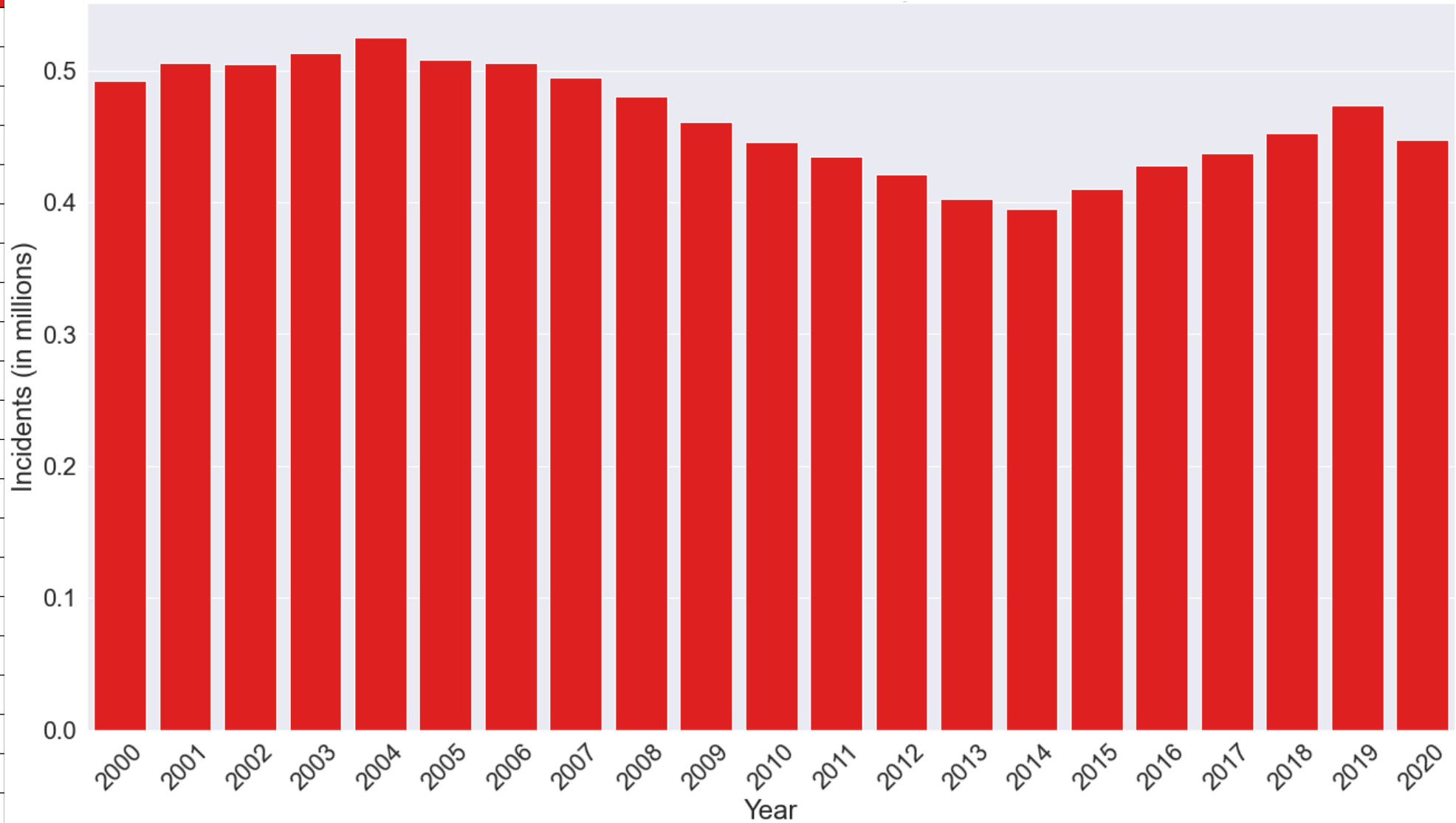
Crime	Crime rate
Theft under \$5,000	1849.00
Impaired driving	521.52
Drug violations	390.48
Motor vehicle theft	383.44
Fraud	300.7
Weapons violations	70.02
Robbery	68.77
Theft over \$5,000	50.11
Sexual violations against children	22.03
Trespass	16.95
Firearms related crime	14.76
Child pornography	7.49
Prostitution	7.39
Counterfeiting	3.46
Homicide	3.37
Attempted murder	3.06
Public incitement of hatred	0.17
Facilitate terrorist activities	0.02

Category wise crime rate per 100k population in Canada (2000-2020)



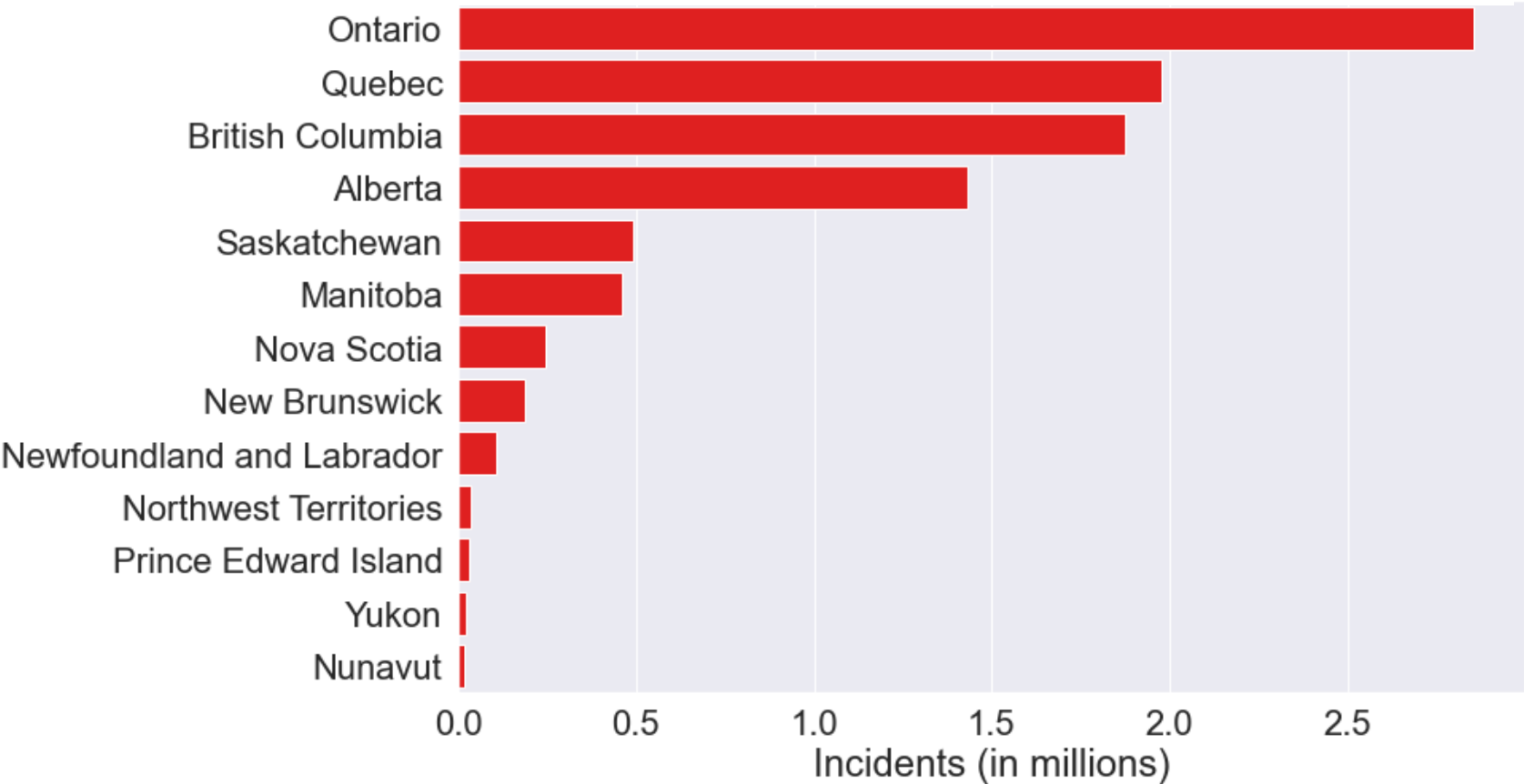
Total crimes in Canada over the years

Year	Incidents
2000	492644
2001	505836
2002	505004
2003	513320
2004	524985
2005	508032
2006	505660
2007	494455
2008	480347
2009	461086
2010	445842
2011	435098
2012	420928
2013	402833
2014	395324
2015	410648
2016	428178
2017	437490
2018	452924
2019	474016
2020	447408



Total number of crimes in provinces (2000-2020)

Location	Incidents
Ontario	2854020
Quebec	1978474
British Columbia	1875612
Alberta	1433195
Saskatchewan	491842
Manitoba	458827
Nova Scotia	246516
New Brunswick	188103
Newfoundland and Labrador	105239
Northwest Territories	36650
Prince Edward Island	33120
Yukon	21650
Nunavut	18810



Average crime rate per 100k population in provinces (2000-2020)

Location	Crime rate
Northwest Territories	248.82
Yukon	181.96
Nunavut	167.43
Saskatchewan	136.83
British Columbia	124.58
Alberta	114.2
Manitoba	110.44
Nova Scotia	77.34
Quebec	74.68
New Brunswick	73.56
Prince Edward Island	68.54
Ontario	64.78
Newfoundland and Labrador	59.83

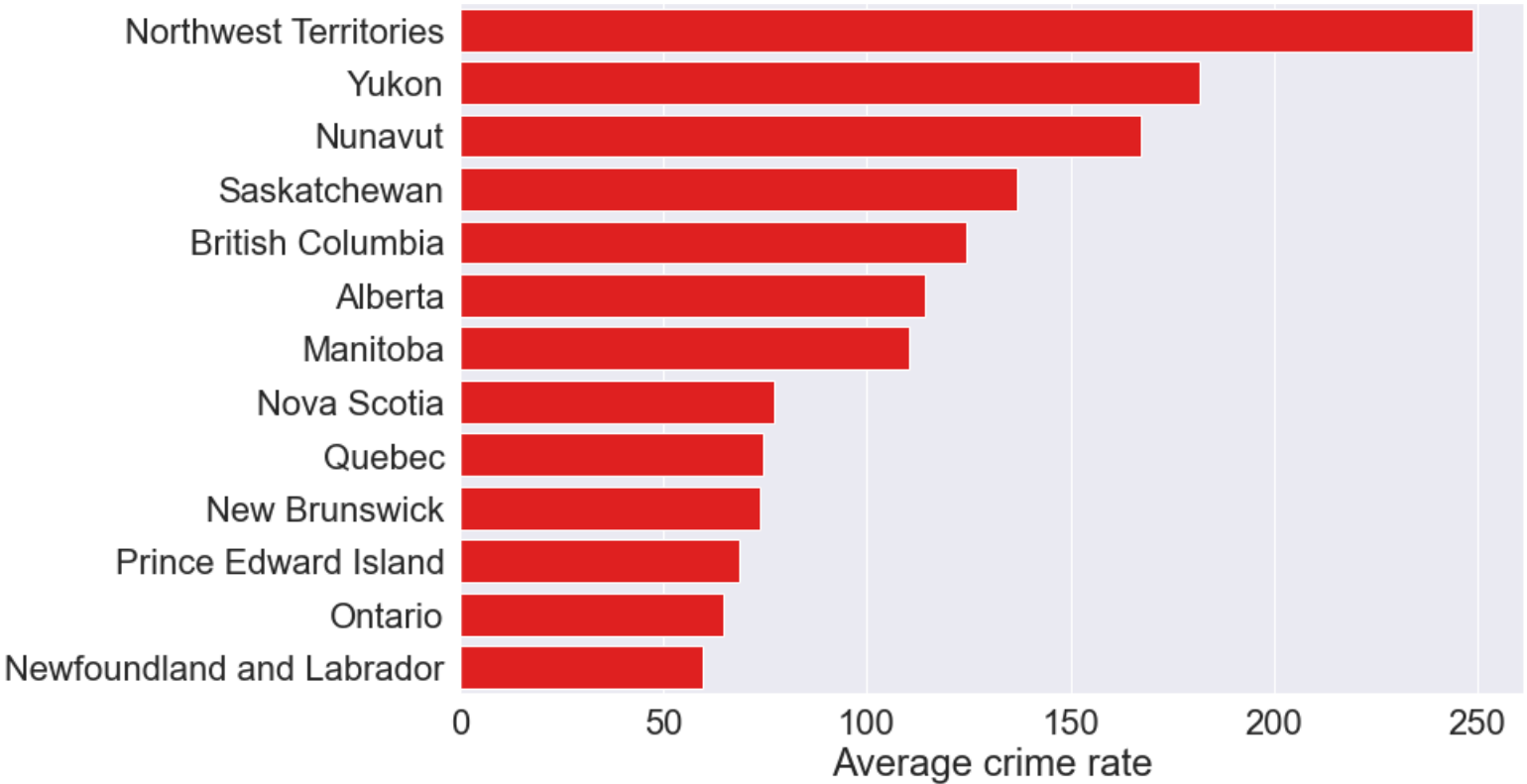
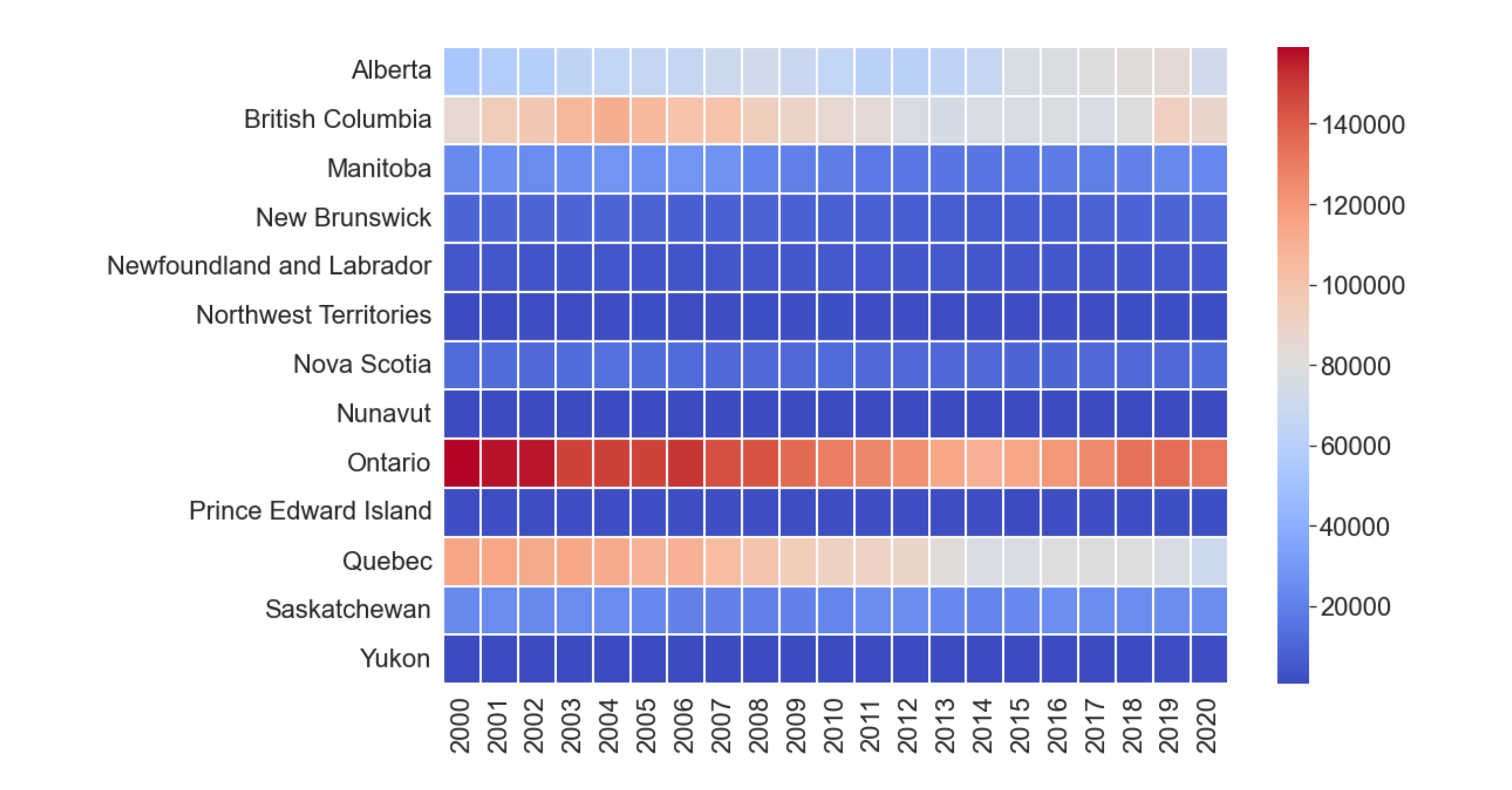
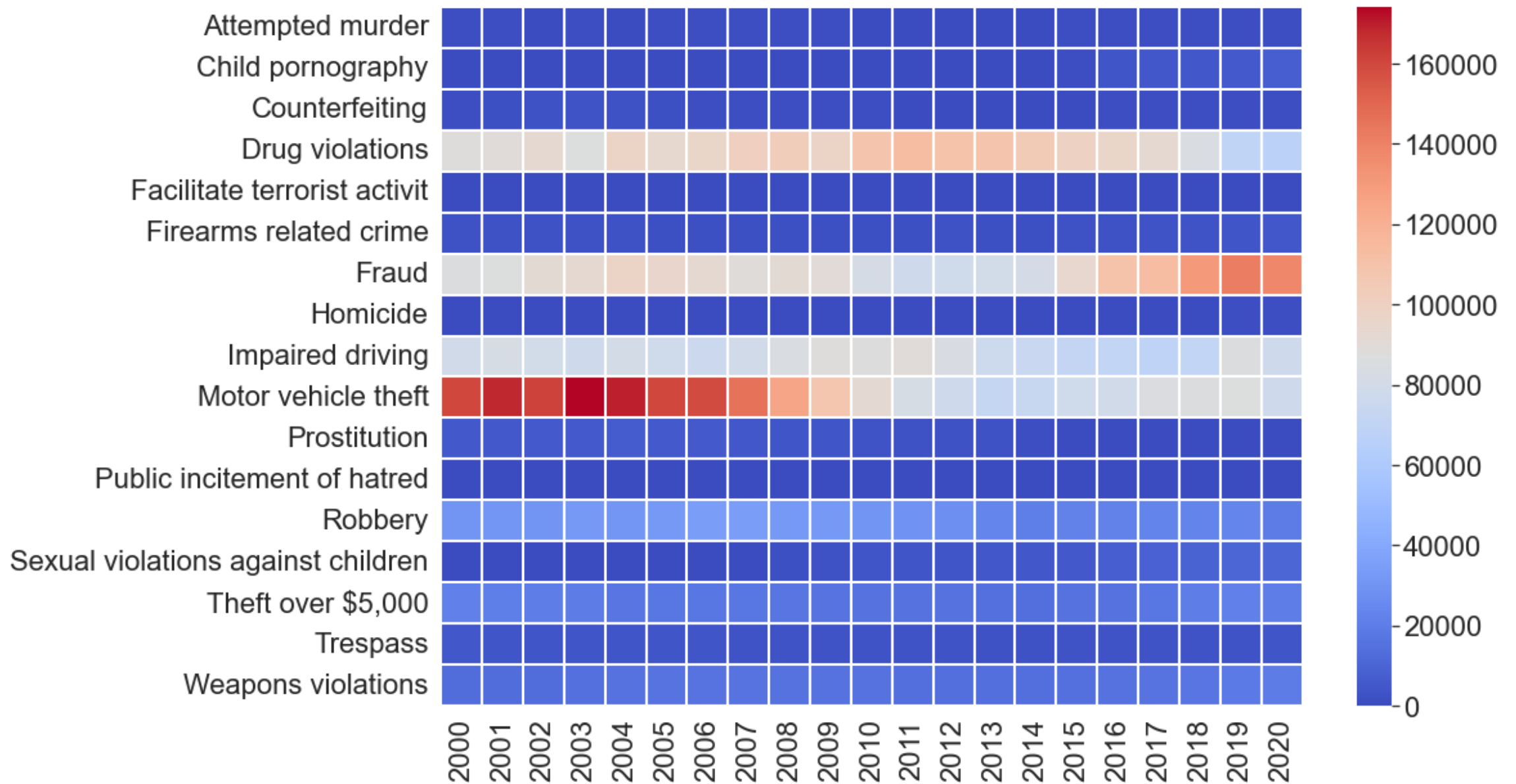


Table summarizing total crimes in provinces (2000-2020)																					
Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
location																					
Alberta	53348	58203	59368	64024	65149	65878	66555	69544	72185	68545	65097	60939	60669	63327	66732	76072	77883	80305	82387	84662	72323
British Columbia	85668	93837	97428	107110	111384	106342	100722	100470	93154	89780	86327	84263	77200	75281	76568	76492	78026	76538	78895	92605	87522
Manitoba	24085	26016	24395	25116	28116	26167	28216	26872	21213	20229	18937	17607	16954	16094	15670	16560	18421	19582	21073	24031	23473
New Brunswick	10459	10461	10179	10033	10472	9083	8045	8246	8794	8482	8575	8099	7952	7432	6807	7371	7297	8952	9865	10273	11226
Newfoundland and Labrador	4595	4525	4178	4043	4583	4261	3864	4515	4771	5135	6222	5850	5498	5636	5115	4847	5194	5092	5141	6187	5987
Northwest Territories	1014	1238	1444	1661	1771	1905	1716	1754	2054	1760	2066	1848	1759	1462	1504	1625	1598	1884	1904	2395	2288
Nova Scotia	12275	12152	11676	12181	13734	12507	12234	11505	11686	11543	12062	11785	11230	11143	11260	10444	10482	11635	11685	11447	11850
Nunavut	697	806	765	863	847	809	811	848	866	942	958	910	1108	952	751	794	857	901	925	1169	1231
Ontario	159184	157110	156118	147681	148428	147744	150726	144147	142752	136146	129811	126554	123010	113746	110155	114190	120462	125151	133374	135122	132409
Prince Edward Island	1577	1631	1726	1742	1649	1480	1397	1340	1288	1477	1639	1760	1620	1441	1296	1191	1635	1348	1690	2157	2036
Quebec	115050	114270	112916	113461	113287	108679	109985	103780	99801	95209	90918	90226	88041	81820	76820	76896	79422	80294	79717	77345	70537
Saskatchewan	23724	24648	23630	24367	24661	22438	20726	20510	20808	20887	22271	24450	24984	23506	21547	23118	25920	24711	25133	24978	24825
Yukon	968	939	1181	1038	904	739	663	924	975	951	959	807	903	993	1099	1048	981	1097	1135	1645	1701



Heatmap of total category wise crimes in Canada (2000-2020)



Heatmap of category wise crimes in different provinces (2000-2020)

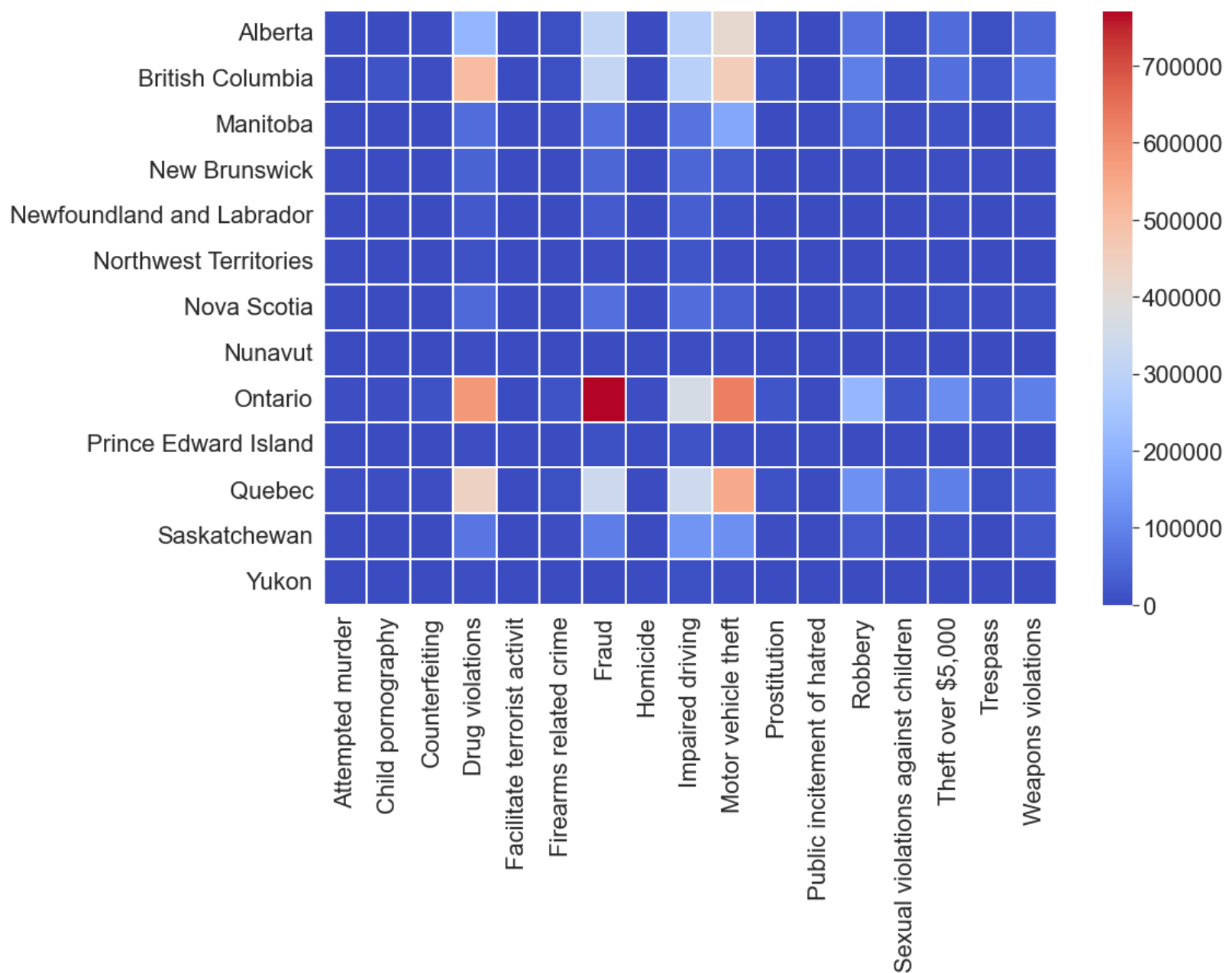
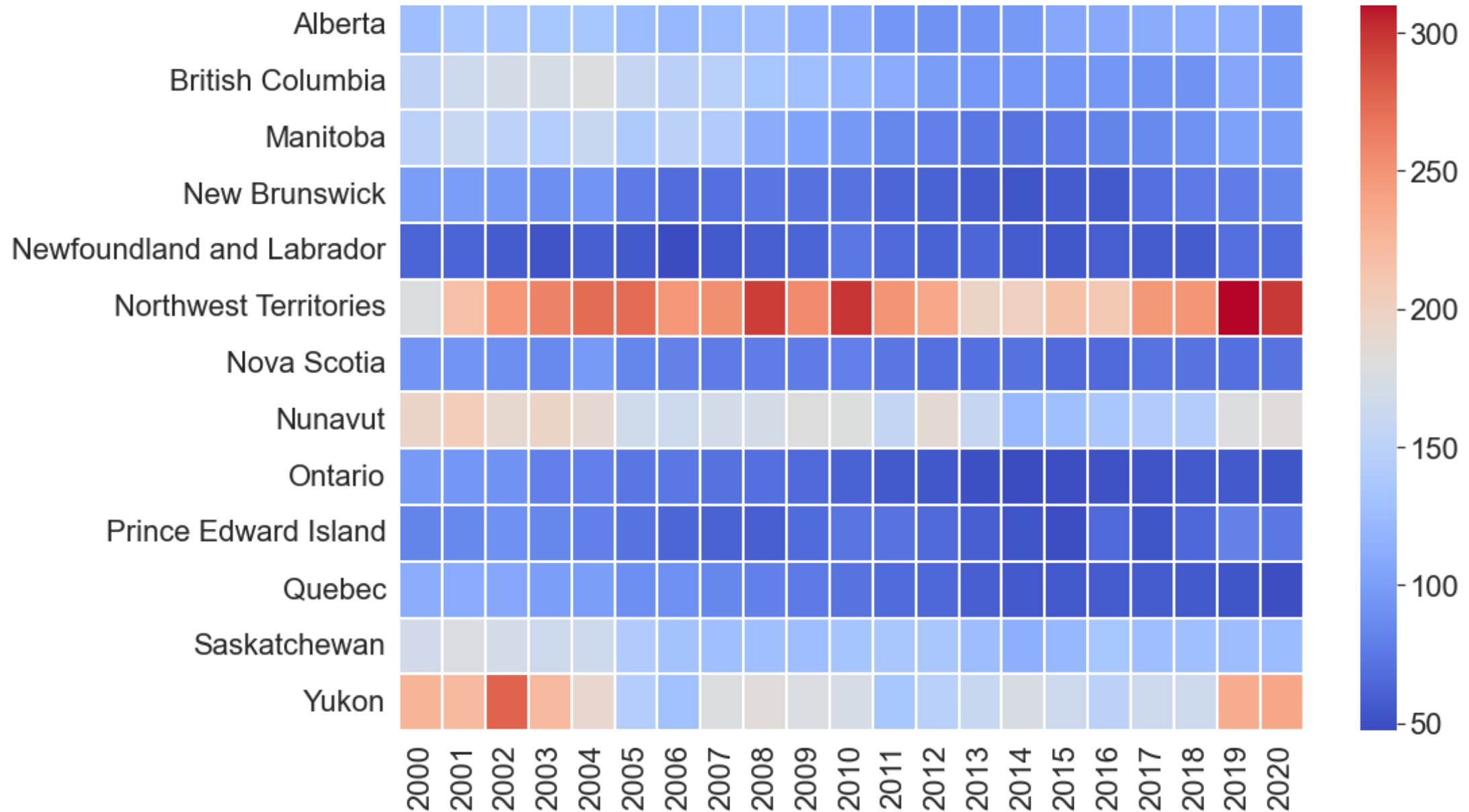


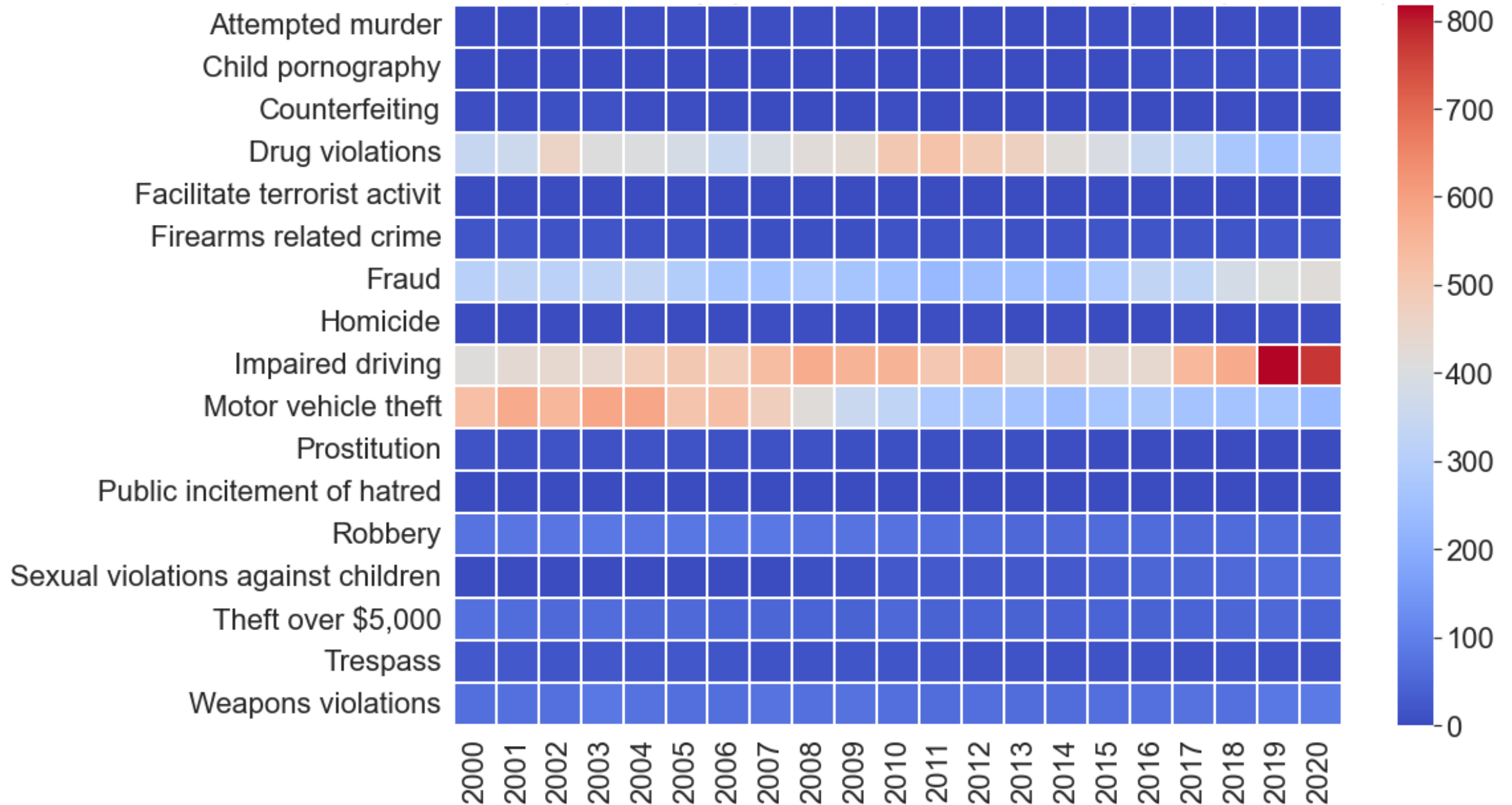
Table summarizing average crime rate per 100k population in provinces (2000-2020)

Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Location																					
Alberta	126.81	135.95	135.55	134.08	134.07	123.94	121.58	123.69	125.47	116.44	109	94.61	92.11	93.57	96.12	107.97	109.18	111.38	112.75	114.18	96.21
British Columbia	151.49	164.43	169.81	173.22	178.71	158.37	148.41	146.34	133.86	127.22	120.81	110.1	99.44	95.64	95.68	94.2	94.45	91.33	92.62	107	100.01
Manitoba	149.94	161.39	150.66	143.87	159.72	138.8	149	141.21	110.69	104.61	96.94	83.95	79.79	74.86	72.07	75.38	82.46	86.3	91.63	103.22	100.11
New Brunswick	99.54	99.66	97.03	89.26	93.16	75.9	67.44	69.14	73.59	70.69	71.17	63.04	61.68	57.63	52.76	57.14	56.23	68.69	75.33	77.79	84.5
Newfoundland and Labrador	62.16	61.92	57.44	51.98	59.05	55.23	47.3	55.44	58.29	62.11	74.5	65.55	61.44	62.89	56.97	53.99	57.71	56.7	57.54	69.52	67.46
Northwest Territories	178.84	216.5	247.55	260.18	272.67	274.34	248.39	252.74	296.14	254.93	298.36	249.88	237.06	196.33	201.6	216.08	210.53	246.87	248.99	312.88	298.02
Nova Scotia	93.89	93.09	89.2	86.62	97.47	83.34	81.53	76.9	78.04	76.9	80.02	73.42	70.01	69.7	70.57	65.6	65.4	72.04	71.72	69.44	71.18
Nunavut	194.97	204.63	189.61	196.23	189.14	166.72	164.51	168.82	169.71	180.6	179.52	156.56	187.98	158.47	122.81	128	136.34	141.16	142.65	178.08	184.01
Ontario	97.3	94.33	92.23	80.42	79.86	73.7	74.4	70.58	69.26	65.47	61.77	56.14	54.04	49.52	47.58	49	51.07	52.32	54.83	54.65	52.86
Prince Edward Island	82.53	85.25	90.07	84.63	79.85	71.47	63.33	60.81	58.01	65.98	72.3	71.91	65.93	58.83	52.84	48.47	65.44	52.72	64.81	80.68	75.03
Quebec	111.7	110.35	108.39	101.04	100.22	89.59	90.07	84.32	80.37	75.87	71.66	66.3	64.25	59.34	55.44	55.33	56.79	56.89	55.81	53.52	48.39
Saskatchewan	168.15	176.02	169.33	163.02	164.83	141.14	130.54	127.93	127.83	126.16	132.39	134.92	135.61	125.73	113.88	121.31	134.22	126.36	127.26	125.33	123.89
Yukon	227.29	222.42	277.87	223.49	191.49	144.77	128.41	177.38	184.17	176.2	173.25	134.06	146.6	159.94	174.08	163.56	149.7	162.67	164.39	233.3	237.94

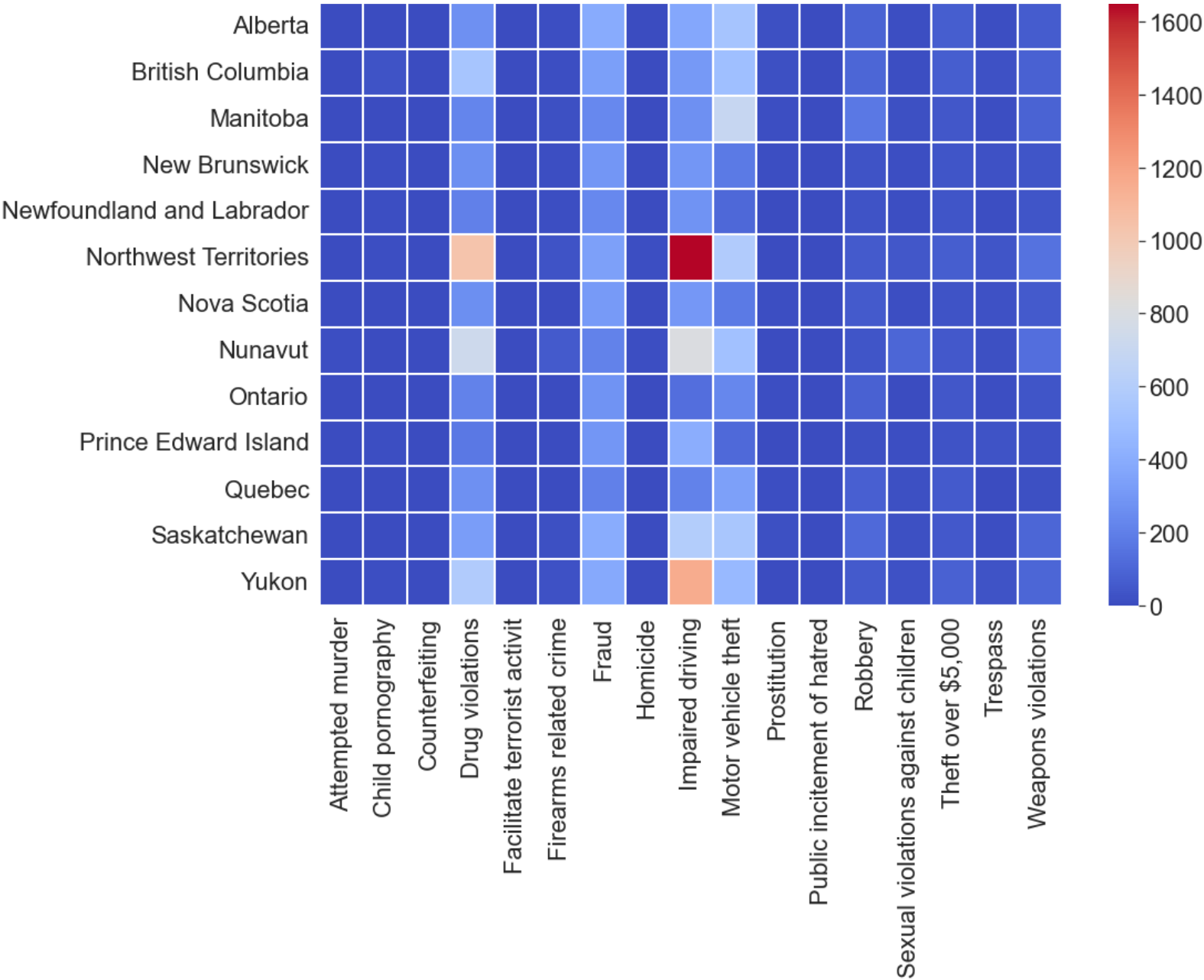
Heatmap of average crimes rate per 100k population in provinces over the years



Heatmap of category wise average crimes rate per 100k population in Canada over the years



Heatmap of average crimes rate in different categories per 100k population (2000-2020)



Category wise prevalent crime location (2000-2020)

Crime	Prevalent crime location	Incidents
Theft under \$5,000	Ontario	3836347
Fraud	Ontario	771548
Motor vehicle theft	Ontario	624191
Drug violations	Ontario	580226
Impaired driving	Ontario	364440
Robbery	Ontario	212098
Theft over \$5,000	Ontario	117830
Weapons violations	Ontario	92912
Sexual violations against children	Quebec	22652
Trespass	British Columbia	20790
Prostitution	Ontario	17196
Firearms related crime	Ontario	14148
Child pornography	British Columbia	13508
Counterfeiting	Ontario	9670
Attempted murder	Ontario	5566
Homicide	Ontario	4012
Public incitement of hatred	Quebec	319
Facilitate terrorist activit	Ontario	45

Crime	Prevalent crime location	Crime rate
Theft under \$5,000	British Columbia	2912.43
Impaired driving	Northwest Territories	1650.29
Drug violations	Northwest Territories	1033.13
Motor vehicle theft	Manitoba	690.05
Fraud	Saskatchewan	398.33
Robbery	Manitoba	172.02
Weapons violations	Northwest Territories	145.21
Sexual violations against children	Nunavut	101.97
Theft over \$5,000	Yukon	78.91
Firearms related crime	Nunavut	53.2
Trespass	Northwest Territories	34.47
Child pornography	British Columbia	26.94
Prostitution	British Columbia	18.05
Attempted murder	Nunavut	12.7
Homicide	Nunavut	12.6
Counterfeiting	Yukon	4.52
Public incitement of hatred	Northwest Territories	0.56
Facilitate terrorist activities	Yukon	0.15

Province wise most prevalent crime category (2000-2020)

Location	Most prevalent crime	Incidents
Ontario	Theft under \$5,000	3836347
British Columbia	Theft under \$5,000	2714237
Quebec	Theft under \$5,000	1847647
Alberta	Theft under \$5,000	1676906
Manitoba	Theft under \$5,000	497927
Saskatchewan	Theft under \$5,000	479929
Nova Scotia	Theft under \$5,000	319470
New Brunswick	Theft under \$5,000	204377
Newfoundland and Labrador	Theft under \$5,000	127024
Prince Edward Island	Theft under \$5,000	53925
Northwest Territories	Theft under \$5,000	21251
Yukon	Theft under \$5,000	20183
Nunavut	Theft under \$5,000	8992

Location	Crime	Crime rate
British Columbia	Theft under \$5,000	2912.43
Yukon	Theft under \$5,000	2790.01
Northwest Territories	Theft under \$5,000	2336.22
Saskatchewan	Theft under \$5,000	2170.65
Alberta	Theft under \$5,000	2168.55
Manitoba	Theft under \$5,000	1929.74
Prince Edward Island	Theft under \$5,000	1808.33
Nova Scotia	Theft under \$5,000	1615.47
Ontario	Theft under \$5,000	1401.88
Nunavut	Theft under \$5,000	1326.45
New Brunswick	Theft under \$5,000	1288.81
Newfoundland and Labrador	Theft under \$5,000	1160.34
Quebec	Theft under \$5,000	1128.17

Province wise most prevalent crime category (2000-2020)

‘Theft under \$5,000’ crime is ignored because of its high prevalence in all the provinces.

Location	Crime	Incidents
Ontario	Fraud	771548
Quebec	Motor vehicle theft	545783
British Columbia	Drug violations	503764
Alberta	Motor vehicle theft	413370
Manitoba	Motor vehicle theft	174680
Saskatchewan	Impaired driving	133380
Nova Scotia	Fraud	61647
New Brunswick	Fraud	47110
Newfoundland and Labrador	Impaired driving	30855
Northwest Territories	Impaired driving	15171
Prince Edward Island	Impaired driving	12230
Yukon	Impaired driving	8691
Nunavut	Impaired driving	5855

Location	Crime	Crime rate
Northwest Territories	Impaired driving	1650.29
Yukon	Impaired driving	1157.28
Nunavut	Impaired driving	807.04
Manitoba	Motor vehicle theft	690.05
Saskatchewan	Impaired driving	596.66
British Columbia	Drug violations	537.74
Alberta	Motor vehicle theft	533.35
Prince Edward Island	Impaired driving	405.39
Quebec	Motor vehicle theft	335.78
Nova Scotia	Fraud	310.55
New Brunswick	Fraud	295.83
Newfoundland and Labrador	Impaired driving	281.51
Ontario	Fraud	277.88

Canada

Crime	Total incidents (2000-2020)	Incidents in year 2000	Incidents in year 2020	Crime rate in 2000	Crime rate in 2020	Change in crime rate from the year 2000 to 2020
Impaired driving	1666504	79225	77603	412.78	773.78	361
Fraud	2039657	85791	138011	309.44	415.37	105.93
Sexual violations against children	75836	0	10388	0	66.27	66.27
Weapons violations	318966	13003	19485	63.93	86.78	22.85
Child pornography	26238	0	7215	0	21.54	21.54
Firearms related crime	47437	2236	4137	18.5	22.39	3.89
Attempted murder	15730	767	864	1.69	3.62	1.93
Homicide	12641	546	743	2.99	3.45	0.46
Public incitement of hatred	755	0	112	0	0.38	0.38
Facilitate terrorist activit	102	0	4	0	0	0
Counterfeiting	24386	1360	831	4.44	2.33	-2.11
Trespass	68410	4323	3427	25.41	14.62	-10.79
Prostitution	62989	5051	66	12.91	0.14	-12.77
Robbery	584867	30582	19268	73.88	51.77	-22.12
Theft over \$5,000	367422	21354	20272	68.94	46.2	-22.74
Drug violations	2003269	88091	66827	343.59	268.44	-75.15
Motor vehicle theft	2426849	160315	78155	526.3	236.24	-290.06
Theft under \$5,000	11808215	663040	434425	2354.01	1231.51	-1122.49

Alberta

Crime	Total incidents (2000-2020)	Incidents in year 2000	Incidents in year 2020	Crime rate in 2000	Crime rate in 2020	Change in crime rate from the year 2000 to 2020
Fraud	308383	11800	20240	392.69	457.72	65.03
Theft over \$5,000	55114	1847	4140	61.47	93.63	32.16
Sexual violations against children	8808	0	1356	0	30.67	30.67
Weapons violations	48644	1415	3164	47.09	71.55	24.46
Firearms related crime	7365	203	752	6.76	17.01	10.25
Child pornography	1744	0	252	0	5.7	5.7
Homicide	1992	59	139	1.96	3.14	1.18
Public incitement of hatred	83	0	14	0	0.32	0.32
Attempted murder	1121	35	56	1.16	1.27	0.11
Facilitate terrorist activit	19	0	0	0	0	0
Counterfeiting	3094	137	132	4.56	2.99	-1.57
Trespass	8286	415	502	13.81	11.35	-2.46
Prostitution	9425	778	9	25.89	0.2	-25.69
Robbery	68104	2862	2926	95.24	66.17	-29.07
Drug violations	209108	6979	7896	232.25	178.57	-53.68
Motor vehicle theft	413370	14916	19215	496.38	434.54	-61.84
Impaired driving	288535	11902	11530	396.08	260.75	-135.33
Theft under \$5,000	1676906	73879	81404	2458.58	1840.94	-617.64

British Columbia

Crime	Total incidents (2000-2020)	Incidents in year 2000	Incidents in year 2020	Crime rate in 2000	Crime rate in 2020	Change in crime rate from the year 2000 to 2020
Fraud	318395	11764	20947	291.25	406.92	115.67
Child pornography	13508	0	4185	0	81.3	81.3
Impaired driving	290239	9362	15776	231.78	306.47	74.69
Theft over \$5,000	62642	2252	5351	55.75	103.95	48.2
Sexual violations against children	11176	0	1374	0	26.69	26.69
Weapons violations	77279	2838	4637	70.26	90.08	19.82
Public incitement of hatred	125	0	24	0	0.47	0.47
Facilitate terrorist activit	22	0	2	0	0.04	0.04
Homicide	2022	85	98	2.1	1.9	-0.2
Attempted murder	2080	91	102	2.25	1.98	-0.27
Firearms related crime	6915	368	385	9.11	7.48	-1.63
Counterfeiting	3321	188	117	4.65	2.27	-2.38
Trespass	20790	1052	1007	26.04	19.56	-6.48
Prostitution	16041	974	14	24.11	0.27	-23.84
Robbery	90500	5500	2674	136.17	51.95	-84.22
Drug violations	503764	21924	20470	542.78	397.65	-145.13
Motor vehicle theft	456793	29270	10359	724.65	201.24	-523.41
Theft under \$5,000	2714237	158835	97700	3932.34	1897.93	-2034.41

Manitoba

Crime	Total incidents (2000-2020)	Incidents in year 2000	Incidents in year 2020	Crime rate in 2000	Crime rate in 2020	Change in crime rate from the year 2000 to 2020
Fraud	62379	2473	5610	215.54	406.74	191.2
Sexual violations against children	4180	0	704	0	51.04	51.04
Weapons violations	23388	895	1777	78	128.84	50.84
Impaired driving	70420	3431	4669	299.03	338.51	39.48
Child pornography	763	0	309	0	22.4	22.4
Firearms related crime	3852	160	280	13.94	20.3	6.36
Homicide	1024	30	62	2.61	4.5	1.89
Public incitement of hatred	21	0	5	0	0.36	0.36
Facilitate terrorist activit	2	0	0	0	0	0
Attempted murder	592	21	19	1.83	1.38	-0.45
Counterfeiting	609	45	20	3.92	1.45	-2.47
Drug violations	57667	2099	2466	182.94	178.79	-4.15
Theft over \$5,000	10310	497	467	43.32	33.86	-9.46
Robbery	44735	2090	2240	182.16	162.41	-19.75
Trespass	1807	265	41	23.1	2.97	-20.13
Prostitution	2398	273	2	23.79	0.15	-23.64
Motor vehicle theft	174680	11806	4802	1028.96	348.16	-680.8
Theft under \$5,000	497927	27163	22176	2367.41	1607.82	-759.59

New Brunswick

Crime	Total incidents (2000-2020)	Incidents in year 2000	Incidents in year 2020	Crime rate in 2000	Crime rate in 2020	Change in crime rate from the year 2000 to 2020
Fraud	47110	2598	3984	346.16	509.8	163.64
Child pornography	672	0	217	0	27.77	27.77
Sexual violations against children	1956	0	213	0	27.26	27.26
Weapons violations	5467	296	399	39.44	51.06	11.62
Firearms related crime	1211	69	95	9.19	12.16	2.97
Counterfeiting	597	26	41	3.46	5.25	1.79
Attempted murder	191	3	10	0.4	1.28	0.88
Homicide	197	10	14	1.33	1.79	0.46
Public incitement of hatred	12	0	0	0	0	0
Facilitate terrorist activit	1	0	0	0	0	0
Trespass	3763	189	155	25.18	19.83	-5.35
Prostitution	1157	44	1	5.86	0.13	-5.73
Robbery	4122	188	134	25.05	17.15	-7.9
Theft over \$5,000	5934	378	315	50.37	40.31	-10.06
Impaired driving	46477	2612	2618	348.03	335.01	-13.02
Motor vehicle theft	28309	1648	1501	219.58	192.07	-27.51
Drug violations	40927	2398	1529	319.51	195.66	-123.85
Theft under \$5,000	204377	11758	6646	1566.65	850.44	-716.21

Newfoundland and Labrador

Crime	Total incidents (2000-2020)	Incidents in year 2000	Incidents in year 2020	Crime rate in 2000	Crime rate in 2020	Change in crime rate from the year 2000 to 2020
Impaired driving	30855	1140	2268	215.89	434.4	218.51
Fraud	25645	1301	1478	246.38	283.09	36.71
Sexual violations against children	1283	0	148	0	28.35	28.35
Child pornography	408	0	105	0	20.11	20.11
Robbery	2946	57	127	10.79	24.32	13.53
Weapons violations	3794	133	199	25.19	38.12	12.93
Theft over \$5,000	3729	135	167	25.57	31.99	6.42
Firearms related crime	801	46	49	8.71	9.39	0.68
Facilitate terrorist activit	0	0	0	0	0	0
Public incitement of hatred	3	0	0	0	0	0
Homicide	88	6	4	1.14	0.77	-0.37
Prostitution	165	3	0	0.57	0	-0.57
Attempted murder	76	9	1	1.7	0.19	-1.51
Counterfeiting	136	9	0	1.7	0	-1.7
Drug violations	22321	990	910	187.48	174.3	-13.18
Trespass	1020	121	43	22.91	8.24	-14.67
Motor vehicle theft	11969	645	488	122.15	93.47	-28.68
Theft under \$5,000	127024	7218	3519	1366.93	674	-692.93

Northwest Territories

Crime	Total incidents (2000-2020)	Incidents in year 2000	Incidents in year 2020	Crime rate in 2000	Crime rate in 2020	Change in crime rate from the year 2000 to 2020
Impaired driving	15171	288	1320	711.13	2922.88	2211.75
Drug violations	9436	262	370	646.93	819.29	172.36
Fraud	3098	122	206	301.24	456.15	154.91
Sexual violations against children	397	0	51	0	112.93	112.93
Weapons violations	1326	45	72	111.11	159.43	48.32
Child pornography	38	0	17	0	37.64	37.64
Robbery	509	18	34	44.45	75.29	30.84
Firearms related crime	279	14	21	34.57	46.5	11.93
Homicide	62	1	6	2.47	13.29	10.82
Public incitement of hatred	4	0	1	0	2.21	2.21
Facilitate terrorist activit	0	0	0	0	0	0
Attempted murder	31	1	1	2.47	2.21	-0.26
Counterfeiting	39	1	1	2.47	2.21	-0.26
Prostitution	43	1	0	2.47	0	-2.47
Trespass	313	9	7	22.22	15.5	-6.72
Theft over \$5,000	606	42	21	103.71	46.5	-57.21
Motor vehicle theft	5298	210	160	518.53	354.29	-164.24
Theft under \$5,000	21251	1165	818	2876.61	1811.3	-1065.31

Nova Scotia

Crime	Total incidents (2000-2020)	Incidents in year 2000	Incidents in year 2020	Crime rate in 2000	Crime rate in 2020	Change in crime rate from the year 2000 to 2020
Fraud	61647	2988	4666	319.96	476.44	156.48
Impaired driving	59011	2458	3447	263.2	351.97	88.77
Sexual violations against children	2213	0	307	0	31.35	31.35
Child pornography	552	0	86	0	8.78	8.78
Attempted murder	686	16	47	1.71	4.8	3.09
Homicide	308	15	35	1.61	3.57	1.96
Firearms related crime	1227	70	78	7.5	7.96	0.46
Public incitement of hatred	30	0	3	0	0.31	0.31
Facilitate terrorist activit	0	0	0	0	0	0
Counterfeiting	481	19	10	2.03	1.02	-1.01
Trespass	3966	180	175	19.27	17.87	-1.4
Weapons violations	10872	428	424	45.83	43.29	-2.54
Theft over \$5,000	6128	338	279	36.19	28.49	-7.7
Prostitution	1348	161	8	17.24	0.82	-16.42
Robbery	10722	588	267	62.96	27.26	-35.7
Drug violations	51798	2147	1088	229.9	111.09	-118.81
Motor vehicle theft	35527	2867	930	307	94.96	-212.04
Theft under \$5,000	319470	18393	10099	1969.52	1031.19	-938.33

Nunavut

Crime	Total incidents (2000-2020)	Incidents in year 2000	Incidents in year 2020	Crime rate in 2000	Crime rate in 2020	Change in crime rate from the year 2000 to 2020
Impaired driving	5855	90	736	327.27	1870.25	1542.98
Sexual violations against children	791	0	143	0	363.38	363.38
Weapons violations	949	25	57	90.91	144.84	53.93
Attempted murder	90	0	7	0	17.79	17.79
Child pornography	7	0	2	0	5.08	5.08
Firearms related crime	381	15	23	54.55	58.45	3.9
Public incitement of hatred	0	0	0	0	0	0
Facilitate terrorist activit	0	0	0	0	0	0
Prostitution	19	0	0	0	0	0
Homicide	89	3	3	10.91	7.62	-3.29
Counterfeiting	27	2	0	7.27	0	-7.27
Trespass	99	6	5	21.82	12.71	-9.11
Robbery	261	13	11	47.27	27.95	-19.32
Fraud	1430	72	72	261.82	182.96	-78.86
Theft over \$5,000	343	39	10	141.82	25.41	-116.41
Motor vehicle theft	3464	198	103	720	261.73	-458.27
Drug violations	5005	234	59	850.91	149.93	-700.98
Theft under \$5,000	8992	446	244	1621.82	620.03	-1001.79

Ontario

Crime	Total incidents (2000-2020)	Incidents in year 2000	Incidents in year 2020	Crime rate in 2000	Crime rate in 2020	Change in crime rate from the year 2000 to 2020
Fraud	771548	30397	52714	260.13	357.77	97.64
Sexual violations against children	17781	0	2440	0	16.56	16.56
Child pornography	3702	0	583	0	3.96	3.96
Firearms related crime	14148	847	1348	7.25	9.15	1.9
Homicide	4012	156	234	1.34	1.59	0.25
Public incitement of hatred	126	0	19	0	0.13	0.13
Facilitate terrorist activit	45	0	2	0	0.01	0.01
Attempted murder	5566	266	323	2.28	2.19	-0.09
Counterfeiting	9670	648	376	5.55	2.55	-3
Trespass	18529	1316	1030	11.26	6.99	-4.27
Weapons violations	92912	5365	4929	45.91	33.45	-12.46
Prostitution	17196	1674	22	14.33	0.15	-14.18
Theft over \$5,000	117830	8699	6408	74.44	43.49	-30.95
Robbery	212098	9550	7117	81.73	48.3	-33.43
Impaired driving	364440	22842	15190	195.48	103.09	-92.39
Drug violations	580226	29226	15415	250.11	104.62	-145.49
Motor vehicle theft	624191	48198	24259	412.46	164.65	-247.81
Theft under \$5,000	3836347	210542	149846	1801.76	1017.01	-784.75

Prince Edward Island

Crime	Total incidents (2000-2020)	Incidents in year 2000	Incidents in year 2020	Crime rate in 2000	Crime rate in 2020	Change in crime rate from the year 2000 to 2020
Impaired driving	12230	560	856	410.3	536.26	125.96
Fraud	8790	393	641	287.94	401.57	113.63
Child pornography	140	0	47	0	29.44	29.44
Sexual violations against children	333	0	43	0	26.94	26.94
Trespass	869	27	70	19.78	43.85	24.07
Weapons violations	674	29	45	21.25	28.19	6.94
Public incitement of hatred	2	0	0	0	0	0
Facilitate terrorist activit	1	0	0	0	0	0
Firearms related crime	102	3	3	2.2	1.88	-0.32
Attempted murder	17	1	0	0.73	0	-0.73
Prostitution	20	2	0	1.47	0	-1.47
Homicide	21	3	1	2.2	0.63	-1.57
Robbery	426	15	8	10.99	5.01	-5.98
Counterfeiting	120	21	10	15.39	6.26	-9.13
Theft over \$5,000	825	66	24	48.36	15.04	-33.32
Drug violations	5181	236	180	172.91	112.76	-60.15
Motor vehicle theft	3369	221	108	161.92	67.66	-94.26
Theft under \$5,000	53925	2603	1452	1907.16	909.63	-997.53

Quebec

Crime	Total incidents (2000-2020)	Incidents in year 2000	Incidents in year 2020	Crime rate in 2000	Crime rate in 2020	Change in crime rate from the year 2000 to 2020
Sexual violations against children	22652	0	3030	0	35.34	35.34
Child pornography	4101	0	1339	0	15.62	15.62
Fraud	338666	17579	21395	238.94	249.52	10.58
Weapons violations	30520	909	1691	12.36	19.72	7.36
Firearms related crime	6925	280	560	3.81	6.53	2.72
Public incitement of hatred	319	0	38	0	0.44	0.44
Facilitate terrorist activit	7	0	0	0	0	0
Homicide	2004	150	87	2.04	1.01	-1.03
Attempted murder	4456	289	249	3.93	2.9	-1.03
Counterfeiting	5416	227	89	3.09	1.04	-2.05
Trespass	6155	407	278	5.53	3.24	-2.29
Prostitution	11836	865	10	11.76	0.12	-11.64
Theft over \$5,000	92071	6356	2607	86.39	30.4	-55.99
Robbery	125279	8646	2761	117.52	32.2	-85.32
Drug violations	441084	19144	13570	260.21	158.26	-101.95
Impaired driving	341200	17740	11328	241.13	132.11	-109.02
Motor vehicle theft	545783	42458	11505	577.11	134.18	-442.93
Theft under \$5,000	1847647	120085	43435	1632.25	506.56	-1125.69

Saskatchewan

Crime	Total incidents (2000-2020)	Incidents in year 2000	Incidents in year 2020	Crime rate in 2000	Crime rate in 2020	Change in crime rate from the year 2000 to 2020
Weapons violations	22417	568	2029	56.36	172.14	115.78
Fraud	89680	4168	5754	413.59	488.17	74.58
Sexual violations against children	4070	0	552	0	46.83	46.83
Firearms related crime	4047	140	522	13.89	44.29	30.4
Child pornography	575	0	66	0	5.6	5.6
Homicide	782	26	60	2.58	5.09	2.51
Public incitement of hatred	28	0	8	0	0.68	0.68
Attempted murder	797	35	46	3.47	3.9	0.43
Facilitate terrorist activit	4	0	0	0	0	0
Counterfeiting	844	37	34	3.67	2.88	-0.79
Drug violations	72463	2343	2584	232.49	219.23	-13.26
Trespass	2620	309	106	30.66	8.99	-21.67
Robbery	24765	1042	946	103.4	80.26	-23.14
Prostitution	3331	276	0	27.39	0	-27.39
Theft over \$5,000	11311	674	454	66.88	38.52	-28.36
Impaired driving	133380	6470	7080	642.01	600.67	-41.34
Motor vehicle theft	120728	7636	4584	757.71	388.91	-368.8
Theft under \$5,000	479929	29689	16304	2946.02	1383.24	-1562.78

Yukon

Crime	Total incidents (2000-2020)	Incidents in year 2000	Incidents in year 2020	Crime rate in 2000	Crime rate in 2020	Change in crime rate from the year 2000 to 2020
Impaired driving	8691	330	785	1084.78	1866.74	781.96
Drug violations	4289	109	290	358.31	689.62	331.31
Fraud	2886	136	304	447.06	722.91	275.85
Sexual violations against children	196	0	27	0	64.21	64.21
Child pornography	28	0	7	0	16.65	16.65
Robbery	400	13	23	42.73	54.69	11.96
Attempted murder	27	0	3	0	7.13	7.13
Counterfeiting	32	0	1	0	2.38	2.38
Facilitate terrorist activit	1	0	0	0	0	0
Prostitution	10	0	0	0	0	0
Public incitement of hatred	2	0	0	0	0	0
Homicide	40	2	0	6.57	0	-6.57
Firearms related crime	184	21	21	69.03	49.94	-19.09
Theft over \$5,000	579	31	29	101.9	68.96	-32.94
Weapons violations	724	57	62	187.37	147.44	-39.93
Trespass	193	27	8	88.75	19.02	-69.73
Motor vehicle theft	3368	242	141	795.5	335.3	-460.2
Theft under \$5,000	20183	1264	782	4155.02	1859.6	-2295.42

End of the presentation