

ONTARIO CASES four sigma

Test Date	cases	Low	High	Outliers	Comments	Range	Limit	Outliers	Notes	Comments / CAP
Dec 20/2020	2316	OK	OK							Dec 14 first vaccination - pfizer
Dec 21/2020	2123	OK	OK			193	OK			
Dec 22/2020	2202	OK	OK			79	OK			
Dec 23/2020	2408	OK	OK			206	OK			Moderna vaccine approved; shut down
Dec 24/2020	2447	OK	OK			39	OK			
Dec 25/2020	2159	OK	OK			288	OK			Christmas Day
Dec 26/2020	2143	OK	OK			16	OK			Boxing Day holiday
Dec 27/2020	2005	OK	OK			138	OK			
Dec 28/2020	1939	OK	OK			66	OK			
Dec 29/2020	2553	OK	OK				Failed	614	increased	C: Christmas A: Shut down P: Vaccine
Dec 30/2020	2923	OK	OK				Failed	370	increased	C: Christmas A: Shut down P: Vaccine
Dec 31/2020	3328	OK	OK				Failed	405	increased	new years eve : Christmas A: Shut down P: Vaccine
Jan 01/2021	2476	OK	OK				Failed	852	dropped	new years day C: Christmas A: Shut down P: Vaccine
Jan 02/2021	3363	OK	OK				Failed	887	increased	C: Christmas A: shut down P: vaccine
Jan 03/2021	2964	OK	OK				Failed	399	dropped	C: Vaccine A: N/A P: N/A
Jan 04/2021	3270	OK	OK			306	OK			C: Christmas A: Shut down P: Vaccine
Jan 05/2021	3128	OK	OK			142	OK			
Jan 06/2021	3266	OK	OK			138	OK			
Jan 07/2021	3519	OK	OK			253	OK			
Jan 08/2021	4249	OK	OK				Failed	730	increased	C: New Years A: shut down P: vaccine
Jan 09/2021	3443	OK	OK				Failed	806	dropped	C: Vaccine A: N/A P: N/A
Jan 10/2021	3945	OK	OK				Failed	502	dropped	C: New Years A: shut down P: vaccine
Jan 11/2021	3338	OK	OK				Failed	607	dropped	C: Vaccine A: N/A P: N/A
Jan 12/2021	2903	OK	OK				Failed	435	dropped	C: Vaccine A: N/A P: N/A
Jan 13/2021	2961	OK	OK			58	OK			
Jan 14/2021	3326	OK	OK				Failed	365	increased	C: New Years A: shut down P: vaccine
Jan 15/2021	2998	OK	OK			328	OK			C: Vaccine A: N/A P: N/A
Jan 16/2021	3056	OK	OK			58	OK			Ron's Birthday
Jan 17/2021	3422	OK	OK				Failed	366	increased	C: New Years A: shut down P: vaccine
Jan 18/2021	2578	OK	OK				Failed	844	increased	C: New Years A: shut down P: vaccine
Jan 19/2021	1913	OK	OK				Failed	665	dropped	C: Vaccine A: N/A P: N/A
Jan 20/2021	2655	OK	OK				Failed	742	increased	C: New Years A: shut down P: vaccine
Jan 21/2021	2632	OK	OK			23	OK			
Jan 22/2021	2662	OK	OK			30	OK			
Jan 23/2021	2359	OK	OK			303	OK			C: New Years A: shut down P: vaccine
Jan 24/2021	2417	OK	OK			58	OK			
Jan 25/2021	1958	OK	OK				Failed	459	dropped	C: Vaccine A: N/A P: N/A
Jan 26/2021	1740	OK	OK			218	OK			
Jan 27/2021	1670	OK	OK			70	OK			
Jan 28/2021	2093	OK	OK				Failed	423	dropped	C: Alpha A: N/A P: vaccine
Jan 29/2021	1838	OK	OK			255	OK			
Jan 30/2021	2063	OK	OK			225	OK			
Jan 31/2021	1848	OK	OK			215	OK			
Feb 01/2021	1969	OK	OK			121	OK			
Feb 02/2021	745	OK	OK				Failed	1224	dropped	C: Vaccine A: N/A P: N/A
Feb 03/2021	1172	OK	OK				Failed	427	dropped	C: Alpha A: N/A P: vaccine
Feb 04/2021	1563	OK	OK				Failed	391	dropped	C: Alpha A: N/A P: vaccine

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Feb 05/2021	1670	OK	OK			107	OK			
Feb 06/2021	1388	OK	OK			282	OK			
Feb 07/2021	1489	OK	OK			101	OK			
Feb 08/2021	1265	OK	OK			224	OK			
Feb 09/2021	1022	OK	OK			243	OK			
Feb 10/2021	1072	OK	OK			50	OK			
Feb 11/2021	1100	OK	OK			28	OK			
Feb 12/2021	1076	OK	OK			24	OK			
Feb 13/2021	1300	OK	OK			224	OK			
Feb 14/2021	981	OK	OK			319	OK			C: Vaccine A: N/A P: N/A
Feb 15/2021	961	OK	OK			20	OK			family day long weekend
Feb 16/2021	904	OK	OK			57	OK			
Feb 17/2021	847	OK	OK			57	OK			
Feb 18/2021	1038	OK	OK			191	OK			
Feb 19/2021	1150	OK	OK			112	OK			
Feb 20/2021	1228	OK	OK			78	OK			
Feb 21/2021	1087	OK	OK			141	OK			
Feb 22/2021	1058	OK	OK			29	OK			
Feb 23/2021	975	OK	OK			83	OK			
Feb 24/2021	1054	OK	OK			79	OK			
Feb 25/2021	1138	OK	OK			84	OK			
Feb 26/2021	1258	OK	OK			120	OK			Astra Zeneca vaccine approved
Feb 27/2021	1185	OK	OK			73	OK			
Feb 28/2021	1062	OK	OK			123	OK			
Mar 01/2021	1023	OK	OK			39	OK			
Mar 02/2021	996	OK	OK			27	OK			
Mar 03/2021	958	OK	OK			38	OK			
Mar 04/2021	994	OK	OK			36	OK			
Mar 05/2021	1250	OK	OK			256	OK			
Mar 06/2021	990	OK	OK			260	OK			
Mar 07/2021	1255	OK	OK			265	OK			
Mar 08/2021	1631	OK	OK				Failed	376	increased	C: Alpha A: N/A P: vaccine
Mar 09/2021	1185	OK	OK				Failed	446	dropped	C: Vaccine A: N/A P: N/A
Mar 10/2021	1316	OK	OK			131	OK			
Mar 11/2021	1092	OK	OK			224	OK			
Mar 12/2021	1371	OK	OK			279	OK			
Mar 13/2021	1468	OK	OK			97	OK			
Mar 14/2021	1747	OK	OK			279	OK			
Mar 15/2021	1268	OK	OK				Failed	479	dropped	C: Vaccine A: N/A P: N/A
Mar 16/2021	1074	OK	OK			194	OK			
Mar 17/2021	1508	OK	OK				Failed	434	dropped	C: Alpha A: Wear mask P: vaccine
Mar 18/2021	1553	OK	OK			45	OK			
Mar 19/2021	1745	OK	OK			192	OK			
Mar 20/2021	1829	OK	OK			84	OK			
Mar 21/2021	1791	OK	OK			38	OK			
Mar 22/2021	1699	OK	OK			92	OK			
Mar 23/2021	1546	OK	OK			153	OK			
Mar 24/2021	1571	OK	OK			25	OK			

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Mar 25/2021	2380	OK	OK				Failed	809	increase	C: Alpha A: Wear mask P: vaccine
Mar 26/2021	2169	OK	OK			211	OK			
Mar 27/2021	2453	OK	OK			284	OK			
Mar 28/2021	2448	OK	OK			5	OK			
Mar 29/2021	2094	OK	OK				OK	354	dropped	C: Vaccine A: N/A P: N/A
Mar 30/2021	2366	OK	OK			272	OK			
Mar 31/2021	2333	OK	OK			33	OK			
Apr 01/2021	2557	OK	OK			224	OK			
Apr 02/2021	3089	OK	OK				Failed	532	increase	Provincial Shut down Good friday long week end
Apr 03/2021	3009	OK	OK			80	OK			
Apr 04/2021	3041	OK	OK			32	OK			Easter Sunday long weekend
Apr 05/2021	2938	OK	OK			103	OK			
Apr 06/2021	3065	OK	OK			127	OK			
Apr 07/2021	3215	OK	OK			150	OK			
Apr 08/2021	3295	OK	OK			80	OK			
Apr 09/2021	4227	OK	OK				Failed	932	increase	C: Easter A: Shut down P: vaccine
Apr 10/2021	3813	OK	OK				Failed	414	dropped	Provincial shutdown Extended
Apr 11/2021	4456	OK	OK				Failed	643	dropped	Ramadam starts - month long C:Vaccine A: NA P:NA
Apr 12/2021	4401	OK	OK			55	OK			
Apr 13/2021	3670	OK	OK				Failed	731	dropped	C: Vaccine A: N/A P: N/A
Apr 14/2021	4156	OK	OK				Failed	486	dropped	C: Vaccine A: N/A P: N/A
Apr 15/2021	4736	OK	OK				Failed	580	increase	C: Easter A: Shut down P: vaccine
Apr 16/2021	4812	OK	OK	Apex		76	OK			C: Easter Dinner Ramadam A: Shut down P: Vaccine
Apr 17/2021	4362	OK	OK				Failed	450	dropped	C: Vaccine A: N/A P: N/A
Apr 18/2021	4250	OK	OK			112	OK			
Apr 19/2021	4447	OK	OK			197	OK			
Apr 20/2021	3469	OK	OK				Failed	978	increase	vaccine 40+ C: Ramadam/Easter A: Shut down P:Vaccine
Apr 21/2021	4212	OK	OK				Failed	743	increase	C:Ramadan/Easter A: shut down P: vaccine
Apr 22/2021	3683	OK	OK				Failed	529	increase	C:Ramadan/Easter A: shut down P: vaccine
Apr 23/2021	4505	OK	OK				Failed	822	dropped	C: Vaccine A: N/A P: N/A
Apr 24/2021	4094	OK	OK				Failed	411	dropped	C: Vaccine A: N/A P: N/A
Apr 25/2021	3947	OK	OK			147	OK			
Apr 26/2021	3510	OK	OK			437	Failed	dropped	dropped	C:Ramadan/Easter A: shut down P: vaccine
Apr 27/2021	3265	OK	OK			245	OK			
Apr 28/2021	3480	OK	OK			215	OK			
Apr 29/2021	3871	OK	OK				Failed	391	increase	
Apr 30/2021	3887	OK	OK			16	OK			
May 01/2021	3369	OK	OK				Failed	518	dropped	C: Vaccine A: N/A P: N/A
May 02/2021	3732	OK	OK				Failed	363	increase	C:Ramadan/Easter A: shut down P: vaccine
May 03/2021	3436	OK	OK			296	OK			C: Vaccine A: N/A P: N/A
May 04/2021	2791	OK	OK				Failed	645	increase	C:Ramadan/Easter A: shut down P: vaccine
May 05/2021	2941	OK	OK			150	OK			
May 06/2021	3887	OK	OK				Failed	946	increase	C:Ramadan/Easter A: shut down P: vaccine
May 07/2021	3166	OK	OK				Failed	721	dropped	C: Vaccine A: N/A P: N/A
May 08/2021	2864	OK	OK			302	OK			C:Ramadan/Easter A: shut down P: vaccine
May 09/2021	3216	OK	OK				OK	352	dropped	C: Vaccine A: N/A P: N/A
May 10/2021	2761	OK	OK				Failed	455	dropped	Ramadam ends - month long; C:Vaccine N/A P: N/A
May 11/2021	2073	OK	OK				Failed	688	increase	C: Ramadam A: shut down P: vaccine

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May 12/2021	2320	OK	OK			247	OK			2021 ramadan ends
May 13/2021	2759	OK	OK				Failed	439	dropped	C: Ramadam A: shut down P: vaccine
May 14/2021	2362	OK	OK				Failed	397	dropped	C: Vaccine A: N/A P: N/A
May 15/2021	2584	OK	OK			222	OK			
May 16/2021	2199	OK	OK				Failed	385	dropped	36 hour vaccine clinic Brampton
May 17/2021	2170	OK	OK			29	OK			
May 18/2021	1616	OK	OK				Failed	554	dropped	C: Vaccine A: N/A P: N/A
May 19/2021	1588	OK	OK			28	OK			Ramadan ends
May 20/2021	2400	OK	OK				Failed	812	increase	C:Ramadam A:shutdown P:vaccine
May 21/2021	1890	OK	OK				Failed	510	dropped	outdoor reopening May 22nd; C: Vaccine A: NA P: NA
May 22/2021	1794	OK	OK			96	OK			
May 23/2021	1691	OK	OK			103	OK			
May 24/2021	1446	OK	OK			245	OK			Victoria Day long weekend
May 25/2021	1039	OK	OK				Failed	407	dropped	C: Vaccine A: N/A P: N/A
May 26/2021	1095	OK	OK			56	OK			
May 27/2021	1135	OK	OK			40	OK			
May 28/2021	1273	OK	OK			138	OK			
May 29/2021	1057	OK	OK			216	OK			
May 30/2021	1033	OK	OK			24	OK			
May 31/2021	916	OK	OK			117	OK			
Jun 01/2021	699	OK	OK			217	OK			
Jun 02/2021	733	OK	OK			34	OK			
Jun 03/2021	870	OK	OK			137	OK			
Jun 04/2021	914	OK	OK			44	OK			
Jun 05/2021	744	OK	OK			170	OK			
Jun 06/2021	663	OK	OK			81	OK			
Jun 07/2021	525	OK	OK			138	OK			
Jun 08/2021	469	OK	OK			56	OK			
Jun 09/2021	411	OK	OK			58	OK			
Jun 10/2021	590	OK	OK			179	OK			
Jun 11/2021	574	OK	OK			16	OK			stage 1 reopening
Jun 12/2021	502	OK	OK			72	OK			
Jun 13/2021	530	OK	OK			28	OK			
Jun 14/2021	447	OK	OK			83	OK			Delta variant detected
Jun 15/2021	296	OK	OK			151	OK			
Jun 16/2021	384	OK	OK			88	OK			
Jun 17/2021	370	OK	OK			14	OK			
Jun 18/2021	345	OK	OK			25	OK			
Jun 19/2021	355	OK	OK			10	OK			
Jun 20/2021	318	OK	OK			37	OK			
Jun 21/2021	270	OK	OK			48	OK			
Jun 22/2021	296	OK	OK			26	OK			
Jun 23/2021	255	OK	OK			41	OK			
Jun 24/2021	296	OK	OK			41	OK			
Jun 25/2021	256	OK	OK			40	OK			
Jun 26/2021	346	OK	OK			90	OK			
Jun 27/2021	287	OK	OK			59	OK			
Jun 28/2021	210	OK	OK			77	OK			

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Test Date	cases	Low	High	Outliers	Comments	Range	Limit	Outliers	Notes	Comments / CAP
Jun 29/2021	299	OK	OK			89	OK			90 cases in TO prev period
Jun 30/2021	184	OK	OK			115	OK			Stage 2 starts
Jul 01/2021	284	OK	OK			100	OK			Canada Day long weekend
Jul 02/2021	200	OK	OK			84	OK			
Jul 03/2021	209	OK	OK			9	OK			
Jul 04/2021	213	OK	OK			4	OK			
Jul 05/2021	170	OK	OK			43	OK			
Jul 06/2021	244	OK	OK			74	OK			80 cases prev period
Jul 07/2021	194	OK	OK			50	OK			
Jul 08/2021	210	OK	OK			16	OK			
Jul 09/2021	183	OK	OK			27	OK			
Jul 10/2021	179	OK	OK			4	OK			
Jul 11/2021	166	OK	OK			13	OK			
Jul 12/2021	114	OK	OK			52	OK			
Jul 13/2021	146	OK	OK			32	OK			
Jul 14/2021	153	OK	OK			7	OK			
Jul 15/2021	143	OK	OK			10	OK			
Jul 16/2021	159	OK	OK			16	OK			stage 3 starts; Ontario partial opening
Jul 17/2021	176	OK	OK			17	OK			
Jul 18/2021	177	OK	OK			1	OK			
Jul 19/2021	130	OK	OK			47	OK			
Jul 20/2021	127	OK	OK			3	OK			
Jul 21/2021	135	OK	OK			8	OK			
Jul 22/2021	185	OK	OK			50	OK			
Jul 23/2021	192	OK	OK			7	OK			
Jul 24/2021	170	OK	OK			22	OK			
Jul 25/2021	172	OK	OK		run failure increase	2	OK			C: Delta A: Wear mask P: vaccine
Jul 26/2021	113	OK	OK			59	OK			
Jul 27/2021	129	OK	OK			16	OK			
Jul 28/2021	158	OK	OK			29	OK			
Jul 29/2021	218	OK	OK			60	OK			
Jul 30/2021	226	OK	OK			8	OK			
Jul 31/2021	258	OK	OK		run failure increase	32	OK			C: Delta A: Wear mask P: vaccine
Aug 01/2021	218	OK	OK			40	OK			
Aug 02/2021	168	OK	OK			50	OK			civic day holiday long weekend
Aug 03/2021	164	OK	OK			4	OK			
Aug 04/2021	139	OK	OK			25	OK			
Aug 05/2021	213	OK	OK			74	OK			
Aug 06/2021	340	OK	OK			127	OK			
Aug 07/2021	378	OK	OK			38	OK			
Aug 08/2021	423	OK	OK			45	OK			
Aug 09/2021	325	OK	OK			98	OK			
Aug 10/2021	321	OK	OK			4	OK			
Aug 11/2021	324	OK	OK			3	OK			
Aug 12/2021	513	OK	OK			189	OK			
Aug 13/2021	510	OK	OK			3	OK			
Aug 14/2021	578	OK	OK			68	OK			
Aug 15/2021	511	OK	OK			67	OK			

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Aug 16/2021	526	OK	OK			15	OK			
Aug 17/2021	348	OK	OK			178	OK			
Aug 18/2021	485	OK	OK			137	OK			
Aug 19/2021	531	OK	OK			46	OK			
Aug 20/2021	650	OK	OK			119	OK			
Aug 21/2021	689	OK	OK			39	OK			
Aug 22/2021	722	OK	OK		run failure increase	33	OK			C: Delta A: Wear mask P: vaccine
Aug 23/2021	639	OK	OK			83	OK			
Aug 24/2021	486	OK	OK			153	OK			
Aug 25/2021	660	OK	OK			174	OK			
Aug 26/2021	678	OK	OK			18	OK			
Aug 27/2021	781	OK	OK			103	OK			
Aug 28/2021	835	OK	OK			54	OK			
Aug 29/2021	740	OK	OK			95	OK			
Aug 30/2021	694	OK	OK			46	OK			
Aug 31/2021	525	OK	OK			169	OK			
Sep 01/2021	656	OK	OK			131	OK			
Sep 02/2021	865	OK	OK			209	OK			
Sep 03/2021	807	OK	OK			58	OK			
Sep 04/2021	944	OK	OK			137	OK			
Sep 05/2021	811	OK	OK			133	OK			
Sep 06/2021	581	OK	OK			230	OK			Labour day holiday long weekend
Sep 07/2021	564	OK	OK			17	OK			
Sep 08/2021	554	OK	OK			10	OK			
Sep 09/2021	798	OK	OK			244	OK			
Sep 10/2021	848	OK	OK			50	OK			
Sep 11/2021	857	OK	OK			9	OK			
Sep 12/2021	784	OK	OK			73	OK			
Sep 13/2021	600	OK	OK			184	OK			
Sep 14/2021	577	OK	OK			23	OK			
Sep 15/2021	593	OK	OK			16	OK			
Sep 16/2021	864	OK	OK			271	OK			
Sep 17/2021	795	OK	OK			69	OK			
Sep 18/2021	821	OK	OK			26	OK			
Sep 19/2021	715	OK	OK			106	OK			
Sep 20/2021	610	OK	OK			105	OK			
Sep 21/2021	574	OK	OK			36	OK			
Sep 22/2021	463	OK	OK			111	OK			Vaccine certificate required
Sep 23/2021	677	OK	OK			214	OK			
Sep 24/2021	727	OK	OK			50	OK			
Sep 25/2021	640	OK	OK			87	OK			
Sep 26/2021	653	OK	OK			13	OK			
Sep 27/2021	613	OK	OK			40	OK			
Sep 28/2021	466	OK	OK			147	OK			
Sep 29/2021	495	OK	OK			29	OK			
Sep 30/2021	647	OK	OK			152	OK			
Oct 01/2021	668	OK	OK			21	OK			
Oct 02/2021	704	OK	OK			36	OK			

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Oct 03/2021	580	OK	OK			124	OK			
Oct 04/2021	511	OK	OK			69	OK			
Oct 05/2021	429	OK	OK			82	OK			
Oct 06/2021	476	OK	OK			47	OK			
Oct 07/2021	587	OK	OK			111	OK			
Oct 08/2021	573	OK	OK			14	OK			
Oct 09/2021	654	OK	OK			81	OK			
Oct 10/2021	535	OK	OK			119	OK			
Oct 11/2021	458	OK	OK			77	OK			Thanksgiving day holiday long weekend
Oct 12/2021	390	OK	OK			68	OK			
Oct 13/2021	306	OK	OK		run failure dropped	84	OK			C: Vaccine A: N/A P: N/A
Oct 14/2021	417	OK	OK			111	OK			
Oct 15/2021	496	OK	OK			79	OK			
Oct 16/2021	486	OK	OK			10	OK			
Oct 17/2021	443	OK	OK			43	OK			
Oct 18/2021	373	OK	OK			70	OK			
Oct 19/2021	328	OK	OK			45	OK			
Oct 20/2021	304	OK	OK			24	OK			
Oct 21/2021	413	OK	OK			109	OK			
Oct 22/2021	492	OK	OK			79	OK			
Oct 23/2021	373	OK	OK			119	OK			
Oct 24/2021	370	OK	OK			3	OK			
Oct 25/2021	326	OK	OK			44	OK			Some restrictions lifted
Oct 26/2021	269	OK	OK			57	OK			
Oct 27/2021	321	OK	OK			52	OK			
Oct 28/2021	409	OK	OK			88	OK			
Oct 29/2021	419	OK	OK			10	OK			
Oct 30/2021	356	OK	OK			63	OK			Halloween weekend
Oct 31/2021	340	OK	OK			16	OK			
Nov 01/2021	422	OK	OK			82	OK			
Nov 02/2021	331	OK	OK			91	OK			
Nov 03/2021	378	OK	OK			47	OK			
Nov 04/2021	438	OK	OK			60	OK			
Nov 05/2021	563	OK	OK			125	OK			
Nov 06/2021	508	OK	OK			55	OK			
Nov 07/2021	636	OK	OK			128	OK			
Nov 08/2021	480	OK	OK			156	OK			
Nov 09/2021	441	OK	OK			39	OK			
Nov 10/2021	454	OK	OK			13	OK			
Nov 11/2021	642	OK	OK			188	OK			Rememberence day
Nov 12/2021	598	OK	OK			44	OK			
Nov 13/2021	661	OK	OK			63	OK			
Nov 14/2021	666	OK	OK			5	OK			
Nov 15/2021	552	OK	OK			114	OK			
Nov 16/2021	481	OK	OK			71	OK			
Nov 17/2021	512	OK	OK			31	OK			
Nov 18/2021	711	OK	OK			199	OK			
Nov 19/2021	793	OK	OK			82	OK			Diwali Night

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Nov 20/2021	728	OK	OK			65	OK			
Nov 21/2021	741	OK	OK			13	OK			
Nov 22/2021	627	OK	OK			114	OK			kids vaccines approved
Nov 23/2021	613	OK	OK			14	OK			
Nov 24/2021	591	OK	OK			22	OK			
Nov 25/2021	748	OK	OK			157	OK			US Thanks giving day holiday
Nov 26/2021	927	OK	OK			179	OK			Omicron variant detected
Nov 27/2021	854	OK	OK			73	OK			
Nov 28/2021	964	OK	OK			110	OK			Hanukkah - starts
Nov 29/2021	788	OK	OK			176	OK			
Nov 30/2021	687	OK	OK			101	OK			
Dec 01/2021	780	OK	OK			93	OK			
Dec 02/2021	959	OK	OK			179	OK			
Dec 03/2021	1031	OK	OK			72	OK			
Dec 04/2021	1053	OK	OK			22	OK			
Dec 05/2021	1184	OK	OK		run failure increase	131	OK			C: Omicron A: Wear mask P: Vaccine;
Dec 06/2021	887	OK	OK			297	OK			Hanukkah ends
Dec 07/2021	928	OK	OK			41	OK			
Dec 08/2021	1009	OK	OK			81	OK			
Dec 09/2021	1200	OK	OK			191	OK			
Dec 10/2021	1453	OK	OK			253	OK			
Dec 11/2021	1607	OK	OK		run failure increase	154	OK			C: Omicron A: Wear mask P: Vaccine;
Dec 12/2021	1476	OK	OK			131	OK			
Dec 13/2021	1536	OK	OK			60	OK			third dose 50+
Dec 14/2021	1429	OK	OK			107	OK			
Dec 15/2021	1808	OK	OK				Failed	379	dropped	C: Omicron A: Wear mask P: Vaccine;
Dec 16/2021	2421	OK	OK				Failed	613	increase	C: Omicron A: Wear mask P: Vaccine;
Dec 17/2021	3124	OK	OK				Failed	703	increase	C: Omicron A: Wear mask P: Vaccine;
Dec 18/2021	3301	OK	OK			177	OK			
Dec 19/2021	4177	OK	OK		run failure increase		Failed	876	increase	
Dec 20/2021	3784	OK	OK				Failed	393	dropped	C: Vaccine A: N/A P: N/A; third dose 18+
Dec 21/2021	3453	OK	OK			331	OK			
Dec 22/2021	4383	OK	OK				Failed	930	increase	C: Omicron A: Wear mask P: Vaccine;
Dec 23/2021	5790	OK	OK				Failed	1407	increase	C: Omicron A: Wear mask P: Vaccine;
Dec 24/2021	9571	OK	OK				Failed	3781	increase	C: Omicron A: Wear mask P: Vaccine;
Dec 25/2021	10412	OK	OK				Failed	841	increase	C: Omicron A: Wear mask P: Vaccine; Christmas Day
Dec 26/2021	9826	OK	OK				Failed	586	dropped	C: Vaccine A: N/A P: N/A; Boxing Day
Dec 27/2021	9418	OK	OK				Failed	408	dropped	C: Vaccine A: N/A P: N/A
Dec 28/2021	8825	OK	OK				Failed	593	dropped	C: Vaccine A: N/A P: N/A
Dec 29/2021	10436	OK	OK				Failed	1611	increase	C: Christmas A: N/A P: stay home
Dec 30/2021	13807	OK	Failed		1		Failed	3371	increase	C: Christmas A: N/A P: stay home
Dec 31/2021	16713	OK	Failed				Failed	2906	increase	C: Christmas A: N/A P: stay home; New year eve
Jan 01/2022	18445	OK	Failed		2nd apex		Failed	1732	increase	C: christmas day A: N/A P: stay home
Jan 02/2022	16714	OK	Failed				Failed	1731	dropped	C: Vaccine A: N/A P: N/A
Jan 03/2022	13578	OK	Failed				Failed	3136	dropped	C: Vaccine A: N/A P: N/A
Jan 04/2022	11352	OK	OK				Failed	2226	dropped	C: Vaccine A: N/A P: N/A
Jan 05/2022	11582	OK	OK			230	OK			21 Day Lockdown
Jan 06/2022	13339	OK	Failed				Failed	1757	increase	C: New year eve A: N/A P: stay home

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Test Date	cases	Low	High	Outliers	Comments	Range	Limit	Outliers	Notes	Comments / CAP
Jan 07/2022	11899	OK	OK				Failed	1440	dropped	C: Vaccine A: N/A P: N/A
Jan 08/2022	13362	OK	Failed				Failed	1463	increase	C: New year eve A: N /A P: stay home
Jan 09/2022	11959	OK	OK				Failed	1403	dropped	C: Vaccine A: N/A P: N/A
Jan 10/2022	9706	OK	OK				Failed	2253	dropped	C: Vaccine A: N/A P: N/A
Jan 11/2022	7951	OK	OK				Failed	1755	dropped	C: Vaccine A: N/A P: N/A
Jan 12/2022	9783	OK	OK				Failed	1832	increase	C: Omicron A: Wear mask P: Vaccine;
Jan 13/2022	9909	OK	OK			126	OK			C: Omicron A: Wear mask P: Vaccine;
Jan 14/2022	10964	OK	OK				Failed	1055	increase	C: Omicron A: Wear mask P: Vaccine;
Jan 15/2022	10732	OK	OK			232	OK			C: Vaccine A: N/A P: N/A
Jan 16/2022	10450	OK	OK			282	OK			C: Vaccine A: N/A P: N/A
Jan 17/2022	8521	OK	OK				Failed	1929	dropped	C: Vaccine A: N/A P: N/A
Jan 18/2022	7086	OK	OK				Failed	1435	dropped	C: Vaccine A: N/A P: N/A
Jan 19/2022	5744	OK	OK				Failed	1342	dropped	C: Vaccine A: N/A P: N/A
Jan 20/2022	7757	OK	OK				Failed	2013	increase	C: Omicron A: Wear mask P: Vaccine;
Jan 21/2022	7165	OK	OK				Failed	592	dropped	C: Vaccine A: N/A P: N/A
Jan 22/2022	6473	OK	OK				Failed	692	dropped	C: Vaccine A: N/A P: N/A
Jan 23/2022	5883	OK	OK				Failed	590	dropped	C: Vaccine A: N/A P: N/A
Jan 24/2022	4790	OK	OK				Failed	1093	dropped	C: Vaccine A: N/A P: N/A
Jan 25/2022	3424	OK	OK		run failure dropped		Failed	1366	dropped	C: Vaccine A: N/A P: N/A
Jan 26/2022	5369	OK	OK				Failed	1945	increase	C: Omicron A: Wear mask P: Vaccine;
Jan 27/2022	5852	OK	OK				Failed	483	increase	C: Omicron A: Wear mask P: Vaccine;
Jan 28/2022	5337	OK	OK				Failed	515	dropped	C: Vaccine A: N/A P: N/A
Jan 29/2022	4855	OK	OK				Failed	482	dropped	C: Vaccine A: N/A P: N/A
Jan 30/2022	3960	OK	OK				Failed	895	dropped	C: Vaccine A: N/A P: N/A
Jan 31/2022	3043	OK	OK				Failed	917	dropped	C: Vaccine A: N/A P: N/A
Feb 01/2022	2622	OK	OK		run failure dropped		Failed	421	dropped	C: Vaccine A: N/A P: N/A
Feb 02/2022	3909	OK	OK				Failed	1287	increase	C: Omicron A: Wear mask P: Vaccine;
Feb 03/2022	4098	OK	OK			189	OK			
Feb 04/2022	4047	OK	OK			51	OK			
Feb 05/2022	3204	OK	OK				Failed	843	dropped	C: Vaccine A: N/A P: N/A
Feb 06/2022	2887	OK	OK			317	OK			
Feb 07/2022	2088	OK	OK				Failed	799	dropped	C: Vaccine A: N/A P: N/A
Feb 08/2022	2098	OK	OK			10	OK			
Feb 09/2022	3162	OK	OK				Failed	1064	increase	C: Omicron A: Wear mask P: Vaccine;
Feb 10/2022	3201	OK	OK			39	OK			
Feb 11/2022	2907	OK	OK			294	OK			
Feb 12/2022	2944	OK	OK			37	OK			
Feb 13/2022	2265	OK	OK				Failed	679	dropped	C: Vaccine A: N/A P: N/A
Feb 14/2022	1765	OK	OK				Failed	500	dropped	C: Vaccine A: N/A P: N/A
Feb 15/2022	1593	OK	OK			172	OK			
Feb 16/2022	2532	OK	OK				Failed	939	increase	C: Stealth Omicron A: Wear mask P: Vaccine;
Feb 17/2022	2327	OK	OK			205	OK			clubs/bars reopening
Feb 18/2022	2337	OK	OK			10	OK			
Feb 19/2022	2244	OK	OK			93	OK			Varient BA.2 first detected Canada
Feb 20/2022	1966	OK	OK			278	OK			
Feb 21/2022	1335	OK	OK				Failed	631	dropped	C: Vaccine A: N/A P: N/A
Feb 22/2022	1282	OK	OK			53	OK			
Feb 23/2022	1425	OK	OK			143	OK			

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Test Date	cases	Low	High	Outliers	Comments	Range	Limit	Outliers	Notes	Comments / CAP
Feb 24/2022	2404	OK	OK				Failed	979	increase	C: Stealth Omicron A: Wear mask P: Vaccine;
Feb 25/2022	2427	OK	OK			23	OK			
Feb 26/2022	2338	OK	OK			89	OK			
Feb 27/2022	2001	OK	OK				OK	337	dropped	C: Vaccine A: N/A P: N/A
Feb 28/2022	1315	OK	OK				Failed	686	dropped	C: Vaccine A: N/A P: N/A
Mar 01/2022	1176	OK	OK			139	OK			Limits removed - masks still on
Mar 02/2022	1959	OK	OK				Failed	783	increase	C: Stealth Omicron A: Wear mask P: Vaccine;
Mar 03/2022	2262	OK	OK			303	OK			
Mar 04/2022	2085	OK	OK			177	OK			
Mar 05/2022	1930	OK	OK			155	OK			
Mar 06/2022	1787	OK	OK			143	OK			
Mar 07/2022	1074	OK	OK				Failed	713	dropped	C: Vaccine A: N/A P: N/A
Mar 08/2022	1208	OK	OK			134	OK			
Mar 09/2022	1947	OK	OK				Failed	739	dropped	C: Vaccine A: N/A P: N/A
Mar 10/2022	2125	OK	OK			178	OK			
Mar 11/2022	2130	OK	OK			5	OK			
Mar 12/2022	2015	OK	OK			115	OK			
Mar 13/2022	1631	OK	OK				Failed	384	dropped	C: Vaccine A: N/A P: N/A
Mar 14/2022	1116	OK	OK				Failed	515	dropped	C: Vaccine A: N/A P: N/A
Mar 15/2022	1076	OK	OK			40	OK			
Mar 16/2022	2011	OK	OK				Failed	935	increase	C: Stealth Omicron sub variant A: Wear mask P: Vaccine;
Mar 17/2022	2398	OK	OK				Failed	387	increase	C: Stealth Omicron sub variant A: Wear mask P: Vaccine;
Mar 18/2022	2508	OK	OK			110	OK			
Mar 19/2022	2078	OK	OK				Failed	430	dropped	C: Vaccine A: N/A P: N/A
Mar 20/2022	1680	OK	OK				Failed	398	dropped	C: Vaccine A: N/A P: N/A
Mar 21/2022	1217	OK	OK				Failed	463	dropped	Restrictions removed (masks)
Mar 22/2022	1447	OK	OK			230	OK			
Mar 23/2022	2149	OK	OK				Failed	702	increase	mask no longer required
Mar 24/2022	2561	OK	OK				Failed	412	increase	mask no longer required
Mar 25/2022	2761	OK	OK			200	OK			
Mar 26/2022	2754	OK	OK			7	OK			
Mar 27/2022	2217	OK	OK				Failed	537	dropped	C: Vaccine A: N/A P: N/A
Mar 28/2022	1741	OK	OK				Failed	476	dropped	C: Vaccine A: N/A P: N/A
Mar 29/2022	1610	OK	OK			131	OK			
Mar 30/2022	2814	OK	OK				Failed	1204	increase	C: Stealth Omicron sub variant A: Wear mask P: Vaccine;
Mar 31/2022	3139	OK	OK			325	OK			
Apr 01/2022	3519	OK	OK				Failed	380	increase	Border restrictions removed
Apr 02/2022	3233	OK	OK			286	OK			
Apr 03/2022	3077	OK	OK			156	OK			
Apr 04/2022	2248	OK	OK				Failed	829	dropped	C: Vaccine A: N/A P: N/A
Apr 05/2022	1991	OK	OK			257	OK			
Apr 06/2022	3444	OK	OK				Failed	1453	increase	C: Ramadan Omicron sub variant A: Wear mask P: Vaccine;
Apr 07/2022	4224	OK	OK				Failed	780	increase	C: Ramadan Omicron sub variant A: Wear mask P: Vaccine;
Apr 08/2022	4295	OK	OK			71	OK			
Apr 09/2022	3797	OK	OK				Failed	498	dropped	C: Vaccine A: N/A P: N/A
Apr 10/2022	3481	OK	OK			316	OK			
Apr 11/2022	2401	OK	OK				Failed	1080	dropped	C: Vaccine A: N/A P: N/A
Apr 12/2022	2300	OK	OK			101	OK			

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Apr 13/2022	3833	OK	OK				Failed	1533	increase	C: Ramadan Omicron sub variant A: Wear mask P: Vaccine;
Apr 14/2022	4589	OK	OK				Failed	756	increase	C: Ramadan Omicron sub variant A: Wear mask P: Vaccine;
Apr 15/2022	4332	OK	OK			257	OK			Good Friday long weekend
Apr 16/2022	4201	OK	OK			131	OK			
Apr 17/2022	2450	OK	OK				Failed	1751	dropped	C: Vaccine A: N/A P: N/A
Apr 18/2022	2219	OK	OK			231	OK			Easter Monday
Apr 19/2022	1218	OK	OK				Failed	1001	dropped	C: Vaccine A: N/A P: N/A
Apr 20/2022	1073	OK	OK		run failure dropped	145	OK			
Apr 21/2022	5038	OK	OK		Covid turns endemic		Failed	3965	increase	C: Easter Omicron sub variant A: Wear mask P: Vaccine;
Apr 22/2022	4668	OK	OK			370	Failed			
Apr 23/2022	3820	OK	OK				Failed	848	dropped	C: Vaccine A: N/A P: N/A
Apr 24/2022	4098	OK	OK			278	OK			
Apr 25/2022	2028	OK	OK				Failed	2070	dropped	C: Vaccine A: N/A P: N/A
Apr 26/2022	1827	OK	OK			201	OK			
Apr 27/2022	3005	OK	OK				Failed	1178	increase	C: Ramadan Omicron sub variant A: Wear mask P: Vaccine;
Apr 28/2022	3560	OK	OK				Failed	555	increase	C: Ramadan Omicron sub variant A: Wear mask P: Vaccine;
Apr 29/2022	2760	OK	OK				Failed	800	dropped	C: Vaccine A: N/A P: N/A
Apr 30/2022	2799	OK	OK			39	OK			Ramadan ends
May 01/2022	2243	OK	OK				Failed	556	dropped	C: Vaccine A: N/A P: N/A
May 02/2022	1275	OK	OK				Failed	968	dropped	C: Vaccine A: N/A P: N/A
May 03/2022	1547	OK	OK			272	OK			
May 04/2022	2488	OK	OK				Failed	941	increase	
May 05/2022	2700	OK	OK			212	OK			
May 06/2022	2418	OK	OK			282	OK			
May 07/2022	2164	OK	OK			254	OK			
May 08/2022	1938	OK	OK			226	OK			
May 09/2022	1206	OK	OK				Failed	732	dropped	C: Vaccine A: N/A P: N/A
May 10/2022	1089	OK	OK		run failure dropped	117	OK			
May 11/2022	1995	OK	OK				Failed	906	increase	
May 12/2022	2160	OK	OK			165	OK			
May 13/2022	1969	OK	OK			191	OK			
May 14/2022	1575	OK	OK				Failed	394	dropped	
May 15/2022	1564	OK	OK			11	OK			
May 16/2022	1061	OK	OK				Failed	503	dropped	
May 17/2022	1028	OK	OK		run failure dropped	33	OK			
May 18/2022	1692	OK	OK				Failed	664	increase	
May 19/2022	1565	OK	OK			127	OK			
May 20/2022	1412	OK	OK			153	OK			
May 21/2022	1221	OK	OK			191	OK			
May 22/2022	1052	OK	OK			169	OK			
May 23/2022	668	OK	OK				Failed	384	dropped	Victoria Day long weekend
May 24/2022	619	OK	OK		run failure dropped	49	OK			
May 25/2022	775	OK	OK			156	OK			
May 26/2022	1217	OK	OK				Failed	442	increase	
May 27/2022	1096	OK	OK			121	OK			
May 28/2022	1144	OK	OK			48	OK			
May 29/2022	878	OK	OK			266	OK			
May 30/2022	547	OK	OK			331	OK			

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Test Date	cases	Low	High	Outliers	Comments	Range	Limit	Outliers	Notes	Comments / CAP
May 31/2022	590	OK	OK			43	OK			
Jun 01/2022	1030	OK	OK				Failed	440	increase	
Jun 02/2022	1038	OK	OK			8	OK			
Jun 03/2022	888	OK	OK			150	OK			
Jun 04/2022	901	OK	OK			13	OK			
Jun 05/2022	710	OK	OK			191	OK			
Jun 06/2022	468	OK	OK			242	OK			
Jun 07/2022	537	OK	OK			69	OK			
Jun 08/2022	1013	OK	OK				Failed	476	increase	
Jun 09/2022	907	OK	OK			106	OK			
Jun 10/2022	835	OK	OK			72	OK			
Jun 11/2022	825	OK	OK			10	OK			cp24 reporting
Jun 12/2022	370	OK	OK				Failed	455	dropped	cp24 reporting
Jun 13/2022	357	OK	OK			13	OK			MANDATES OVER GOVERNMENT NO LONGER RELEASING NUMBERS

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Test Date	cases	Low	High	Outliers	Comments	Range	Limit	Outliers	Notes	Comments / CAP
Sum	1159946					386		154		pop = 14.57 million
Mean	2144.08					110.28		878.55		percent of population infected
Standard Deviation	2534.47							647.70		7.96
Kurtosis	11.40	normal								
Skew	3.02	normal								
CP	1.1									
CPK	0.6									
	Bin									
Upper Control Limit	14816.45									
	12281.98									
	9747.50									
	7213.03									
	4678.55									
	2144.08									
	-390.40									
	-2924.87									
	-5459.35	flu not covid								
	-7993.82									

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