

## ONTARIO CASES

Test Date	cases	Low	High	Outliers	Comments	Range	Limit	Outliers	Notes	Comments / CAP
12/20/2020	2316	OK	OK							Dec 14 first vaccination - pfizer
12/21/2020	2123	OK	OK			193	OK			
12/22/2020	2202	OK	OK			79	OK			
12/23/2020	2408	OK	OK			206	OK			Moderna vaccine approved; shut down
12/24/2020	2447	OK	OK			39	OK			
12/25/2020	2159	OK	OK			288	OK			Christmas Day
12/26/2020	2143	OK	OK			16	OK			Boxing Day holiday
12/27/2020	2005	OK	OK			138	OK			
12/28/2020	1939	OK	OK			66	OK			
12/29/2020	2553	OK	OK				Failed	614	increased	C: Christmas A: Shut down P: Vaccine
12/30/2020	2923	OK	OK				Failed	370	increased	C: Christmas A: Shut down P: Vaccine
12/31/2020	3328	OK	OK				Failed	405	increased	new years eve : Christmas A: Shut down P: Vaccine
1/1/2021	2476	OK	OK				Failed	852	dropped	new years day C: Christmas A: Shut down P: Vaccine
1/2/2021	3363	OK	OK				Failed	887	increased	C: Christmas A: shut down P: vaccine
1/3/2021	2964	OK	OK				Failed	399	dropped	C: Vaccine A: N/A P: N/A
1/4/2021	3270	OK	OK			306	OK			C: Christmas A: Shut down P: Vaccine
1/5/2021	3128	OK	OK			142	OK			
1/6/2021	3266	OK	OK			138	OK			
1/7/2021	3519	OK	OK			253	OK			
1/8/2021	4249	OK	OK				Failed	730	increased	C: New Years A: shut down P: vaccine
1/9/2021	3443	OK	OK				Failed	806	dropped	C: Vaccine A: N/A P: N/A
1/10/2021	3945	OK	OK				Failed	502	dropped	C: New Years A: shut down P: vaccine
1/11/2021	3338	OK	OK				Failed	607	dropped	C: Vaccine A: N/A P: N/A
1/12/2021	2903	OK	OK				Failed	435	dropped	C: Vaccine A: N/A P: N/A
1/13/2021	2961	OK	OK			58	OK			
1/14/2021	3326	OK	OK				Failed	365	increased	C: New Years A: shut down P: vaccine
1/15/2021	2998	OK	OK			328	OK			C: Vaccine A: N/A P: N/A
1/16/2021	3056	OK	OK			58	OK			Ron's Birthday
1/17/2021	3422	OK	OK				Failed	366	increased	C: New Years A: shut down P: vaccine
1/18/2021	2578	OK	OK				Failed	844	increased	C: New Years A: shut down P: vaccine
1/19/2021	1913	OK	OK				Failed	665	dropped	C: Vaccine A: N/A P: N/A
1/20/2021	2655	OK	OK				Failed	742	increased	C: New Years A: shut down P: vaccine
1/21/2021	2632	OK	OK			23	OK			
1/22/2021	2662	OK	OK			30	OK			
1/23/2021	2359	OK	OK			303	OK			C: New Years A: shut down P: vaccine
1/24/2021	2417	OK	OK			58	OK			
1/25/2021	1958	OK	OK				Failed	459	dropped	C: Vaccine A: N/A P: N/A
1/26/2021	1740	OK	OK			218	OK			
1/27/2021	1670	OK	OK			70	OK			
1/28/2021	2093	OK	OK				Failed	423	dropped	C: Alpha A: N/A P: vaccine
1/29/2021	1838	OK	OK			255	OK			
1/30/2021	2063	OK	OK			225	OK			
1/31/2021	1848	OK	OK			215	OK			
2/1/2021	1969	OK	OK			121	OK			
2/2/2021	745	OK	OK				Failed	1224	dropped	C: Vaccine A: N/A P: N/A
2/3/2021	1172	OK	OK				Failed	427	dropped	C: Alpha A: N/A P: vaccine
2/4/2021	1563	OK	OK				Failed	391	dropped	C: Alpha A: N/A P: vaccine

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Test Date	cases	Low	High	Outliers	Comments	Range	Limit	Outliers	Notes	Comments / CAP
2/5/2021	1670	OK	OK			107	OK			
2/6/2021	1388	OK	OK			282	OK			
2/7/2021	1489	OK	OK			101	OK			
2/8/2021	1265	OK	OK			224	OK			
2/9/2021	1022	OK	OK			243	OK			
2/10/2021	1072	OK	OK			50	OK			
2/11/2021	1100	OK	OK			28	OK			
2/12/2021	1076	OK	OK			24	OK			
2/13/2021	1300	OK	OK			224	OK			
2/14/2021	981	OK	OK			319	OK			C: Vaccine A: N/A P: N/A
2/15/2021	961	OK	OK			20	OK			family day long weekend
2/16/2021	904	OK	OK			57	OK			
2/17/2021	847	OK	OK			57	OK			
2/18/2021	1038	OK	OK			191	OK			
2/19/2021	1150	OK	OK			112	OK			
2/20/2021	1228	OK	OK			78	OK			
2/21/2021	1087	OK	OK			141	OK			
2/22/2021	1058	OK	OK			29	OK			
2/23/2021	975	OK	OK			83	OK			
2/24/2021	1054	OK	OK			79	OK			
2/25/2021	1138	OK	OK			84	OK			
2/26/2021	1258	OK	OK			120	OK			Astra Zeneca vaccine approved
2/27/2021	1185	OK	OK			73	OK			
2/28/2021	1062	OK	OK			123	OK			
3/1/2021	1023	OK	OK			39	OK			
3/2/2021	996	OK	OK			27	OK			
3/3/2021	958	OK	OK			38	OK			
3/4/2021	994	OK	OK			36	OK			
3/5/2021	1250	OK	OK			256	OK			
3/6/2021	990	OK	OK			260	OK			
3/7/2021	1255	OK	OK			265	OK			
3/8/2021	1631	OK	OK				Failed	376	increased	C: Alpha A: N/A P: vaccine
3/9/2021	1185	OK	OK				Failed	446	dropped	C: Vaccine A: N/A P: N/A
3/10/2021	1316	OK	OK			131	OK			
3/11/2021	1092	OK	OK			224	OK			
3/12/2021	1371	OK	OK			279	OK			
3/13/2021	1468	OK	OK			97	OK			
3/14/2021	1747	OK	OK			279	OK			
3/15/2021	1268	OK	OK				Failed	479	dropped	C: Vaccine A: N/A P: N/A
3/16/2021	1074	OK	OK			194	OK			
3/17/2021	1508	OK	OK				Failed	434	dropped	C: Alpha A: Wear mask P: vaccine
3/18/2021	1553	OK	OK			45	OK			
3/19/2021	1745	OK	OK			192	OK			
3/20/2021	1829	OK	OK			84	OK			
3/21/2021	1791	OK	OK			38	OK			
3/22/2021	1699	OK	OK			92	OK			
3/23/2021	1546	OK	OK			153	OK			
3/24/2021	1571	OK	OK			25	OK			

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3/25/2021	2380	OK	OK				Failed	809	increase	C: Alpha A: Wear mask P: vaccine
3/26/2021	2169	OK	OK			211	OK			
3/27/2021	2453	OK	OK			284	OK			
3/28/2021	2448	OK	OK			5	OK			
3/29/2021	2094	OK	OK				Failed	354	dropped	C: Vaccine A: N/A P: N/A
3/30/2021	2366	OK	OK			272	OK			
3/31/2021	2333	OK	OK			33	OK			
4/1/2021	2557	OK	OK			224	OK			
4/2/2021	3089	OK	OK				Failed	532	increase	Provincial Shut down Good friday long week end
4/3/2021	3009	OK	OK			80	OK			
4/4/2021	3041	OK	OK			32	OK			Easter Sunday long weekend
4/5/2021	2938	OK	OK			103	OK			
4/6/2021	3065	OK	OK			127	OK			
4/7/2021	3215	OK	OK			150	OK			
4/8/2021	3295	OK	OK			80	OK			
4/9/2021	4227	OK	OK				Failed	932	increase	C: Easter A: Shut down P: vaccine
4/10/2021	3813	OK	OK				Failed	414	dropped	Provincial shutdown Extended
4/11/2021	4456	OK	OK				Failed	643	dropped	Ramadam starts - month long C:Vaccine A: NA P:NA
4/12/2021	4401	OK	OK			55	OK			
4/13/2021	3670	OK	OK				Failed	731	dropped	C: Vaccine A: N/A P: N/A
4/14/2021	4156	OK	OK				Failed	486	dropped	C: Vaccine A: N/A P: N/A
4/15/2021	4736	OK	OK				Failed	580	increase	C: Easter A: Shut down P: vaccine
4/16/2021	4812	OK	OK		Apex	76	OK			C: Easter Dinner Ramadam A: Shut down P: Vaccine
4/17/2021	4362	OK	OK				Failed	450	dropped	C: Vaccine A: N/A P: N/A
4/18/2021	4250	OK	OK			112	OK			
4/19/2021	4447	OK	OK			197	OK			
4/20/2021	3469	OK	OK				Failed	978	increase	vaccine 40+ C: Ramadam/Easter A: Shut down P:Vaccine
4/21/2021	4212	OK	OK				Failed	743	increase	C:Ramadon/Easter A: shut down P: vaccine
4/22/2021	3683	OK	OK				Failed	529	increase	C:Ramadon/Easter A: shut down P: vaccine
4/23/2021	4505	OK	OK				Failed	822	dropped	C: Vaccine A: N/A P: N/A
4/24/2021	4094	OK	OK				Failed	411	dropped	C: Vaccine A: N/A P: N/A
4/25/2021	3947	OK	OK			147	OK			
4/26/2021	3510	OK	OK			437	Failed	dropped	dropped	C:Ramadon/Easter A: shut down P: vaccine
4/27/2021	3265	OK	OK			245	OK			
4/28/2021	3480	OK	OK			215	OK			
4/29/2021	3871	OK	OK				Failed	391	increase	
4/30/2021	3887	OK	OK			16	OK			
5/1/2021	3369	OK	OK				Failed	518	dropped	C: Vaccine A: N/A P: N/A
5/2/2021	3732	OK	OK				Failed	363	increase	C:Ramadon/Easter A: shut down P: vaccine
5/3/2021	3436	OK	OK			296	OK			C: Vaccine A: N/A P: N/A
5/4/2021	2791	OK	OK				Failed	645	increase	C:Ramadon/Easter A: shut down P: vaccine
5/5/2021	2941	OK	OK			150	OK			
5/6/2021	3887	OK	OK				Failed	946	increase	C:Ramadon/Easter A: shut down P: vaccine
5/7/2021	3166	OK	OK				Failed	721	dropped	C: Vaccine A: N/A P: N/A
5/8/2021	2864	OK	OK			302	OK			C:Ramadon/Easter A: shut down P: vaccine
5/9/2021	3216	OK	OK				Failed	352	dropped	C: Vaccine A: N/A P: N/A
5/10/2021	2761	OK	OK				Failed	455	dropped	Ramadam ends - month long; C:Vaccine N/A P: N/A
5/11/2021	2073	OK	OK				Failed	688	increase	C: Ramadam A: shut down P: vaccine

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5/12/2021	2320	OK	OK			247	OK			2021 ramadan ends
5/13/2021	2759	OK	OK				Failed	439	dropped	C: Ramadam A: shut down P: vaccine
5/14/2021	2362	OK	OK				Failed	397	dropped	C: Vaccine A: N/A P: N/A
5/15/2021	2584	OK	OK			222	OK			
5/16/2021	2199	OK	OK				Failed	385	dropped	36 hour vaccine clinic Brampton
5/17/2021	2170	OK	OK			29	OK			
5/18/2021	1616	OK	OK				Failed	554	dropped	C: Vaccine A: N/A P: N/A
5/19/2021	1588	OK	OK			28	OK			Ramadan ends
5/20/2021	2400	OK	OK				Failed	812	increase	C:Ramadam A:shutdown P:vaccine
5/21/2021	1890	OK	OK				Failed	510	dropped	outdoor reopening May 22nd; C: Vaccine A: NA P: NA
5/22/2021	1794	OK	OK			96	OK			
5/23/2021	1691	OK	OK			103	OK			
5/24/2021	1446	OK	OK			245	OK			Victoria Day long weekend
5/25/2021	1039	OK	OK				Failed	407	dropped	C: Vaccine A: N/A P: N/A
5/26/2021	1095	OK	OK			56	OK			
5/27/2021	1135	OK	OK			40	OK			
5/28/2021	1273	OK	OK			138	OK			
5/29/2021	1057	OK	OK			216	OK			
5/30/2021	1033	OK	OK			24	OK			
5/31/2021	916	OK	OK			117	OK			
6/1/2021	699	OK	OK			217	OK			
6/2/2021	733	OK	OK			34	OK			
6/3/2021	870	OK	OK			137	OK			
6/4/2021	914	OK	OK			44	OK			
6/5/2021	744	OK	OK			170	OK			
6/6/2021	663	OK	OK			81	OK			
6/7/2021	525	OK	OK			138	OK			
6/8/2021	469	OK	OK			56	OK			
6/9/2021	411	OK	OK			58	OK			
6/10/2021	590	OK	OK			179	OK			
6/11/2021	574	OK	OK			16	OK			stage 1 reopening
6/12/2021	502	OK	OK			72	OK			
6/13/2021	530	OK	OK			28	OK			
6/14/2021	447	OK	OK			83	OK			Delta variant detected
6/15/2021	296	OK	OK			151	OK			
6/16/2021	384	OK	OK			88	OK			
6/17/2021	370	OK	OK			14	OK			
6/18/2021	345	OK	OK			25	OK			
6/19/2021	355	OK	OK			10	OK			
6/20/2021	318	OK	OK			37	OK			
6/21/2021	270	OK	OK			48	OK			
6/22/2021	296	OK	OK			26	OK			
6/23/2021	255	OK	OK			41	OK			
6/24/2021	296	OK	OK			41	OK			
6/25/2021	256	OK	OK			40	OK			
6/26/2021	346	OK	OK			90	OK			
6/27/2021	287	OK	OK			59	OK			
6/28/2021	210	OK	OK			77	OK			

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Test Date	cases	Low	High	Outliers	Comments	Range	Limit	Outliers	Notes	Comments / CAP
6/29/2021	299	OK	OK			89	OK			90 cases in TO prev period
6/30/2021	184	OK	OK			115	OK			Stage 2 starts
7/1/2021	284	OK	OK			100	OK			Canada Day long weekend
7/2/2021	200	OK	OK			84	OK			
7/3/2021	209	OK	OK			9	OK			
7/4/2021	213	OK	OK			4	OK			
7/5/2021	170	OK	OK			43	OK			
7/6/2021	244	OK	OK			74	OK			80 cases prev period
7/7/2021	194	OK	OK			50	OK			
7/8/2021	210	OK	OK			16	OK			
7/9/2021	183	OK	OK			27	OK			
7/10/2021	179	OK	OK			4	OK			
7/11/2021	166	OK	OK			13	OK			
7/12/2021	114	OK	OK			52	OK			
7/13/2021	146	OK	OK			32	OK			
7/14/2021	153	OK	OK			7	OK			
7/15/2021	143	OK	OK			10	OK			
7/16/2021	159	OK	OK			16	OK			stage 3 starts; Ontario partial opening
7/17/2021	176	OK	OK			17	OK			
7/18/2021	177	OK	OK			1	OK			
7/19/2021	130	OK	OK			47	OK			
7/20/2021	127	OK	OK			3	OK			
7/21/2021	135	OK	OK			8	OK			
7/22/2021	185	OK	OK			50	OK			
7/23/2021	192	OK	OK			7	OK			
7/24/2021	170	OK	OK			22	OK			
7/25/2021	172	OK	OK		run failure increase	2	OK			C: Delta A: Wear mask P: vaccine
7/26/2021	113	OK	OK			59	OK			
7/27/2021	129	OK	OK			16	OK			
7/28/2021	158	OK	OK			29	OK			
7/29/2021	218	OK	OK			60	OK			
7/30/2021	226	OK	OK			8	OK			
7/31/2021	258	OK	OK		run failure increase	32	OK			C: Delta A: Wear mask P: vaccine
8/1/2021	218	OK	OK			40	OK			
8/2/2021	168	OK	OK			50	OK			civic day holiday long weekend
8/3/2021	164	OK	OK			4	OK			
8/4/2021	139	OK	OK			25	OK			
8/5/2021	213	OK	OK			74	OK			
8/6/2021	340	OK	OK			127	OK			
8/7/2021	378	OK	OK			38	OK			
8/8/2021	423	OK	OK			45	OK			
8/9/2021	325	OK	OK			98	OK			
8/10/2021	321	OK	OK			4	OK			
8/11/2021	324	OK	OK			3	OK			
8/12/2021	513	OK	OK			189	OK			
8/13/2021	510	OK	OK			3	OK			
8/14/2021	578	OK	OK			68	OK			
8/15/2021	511	OK	OK			67	OK			

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8/16/2021	526	OK	OK			15	OK			
8/17/2021	348	OK	OK			178	OK			
8/18/2021	485	OK	OK			137	OK			
8/19/2021	531	OK	OK			46	OK			
8/20/2021	650	OK	OK			119	OK			
8/21/2021	689	OK	OK			39	OK			
8/22/2021	722	OK	OK		run failure increase	33	OK			C: Delta A: Wear mask P: vaccine
8/23/2021	639	OK	OK			83	OK			
8/24/2021	486	OK	OK			153	OK			
8/25/2021	660	OK	OK			174	OK			
8/26/2021	678	OK	OK			18	OK			
8/27/2021	781	OK	OK			103	OK			
8/28/2021	835	OK	OK			54	OK			
8/29/2021	740	OK	OK			95	OK			
8/30/2021	694	OK	OK			46	OK			
8/31/2021	525	OK	OK			169	OK			
9/1/2021	656	OK	OK			131	OK			
9/2/2021	865	OK	OK			209	OK			
9/3/2021	807	OK	OK			58	OK			
9/4/2021	944	OK	OK			137	OK			
9/5/2021	811	OK	OK			133	OK			
9/6/2021	581	OK	OK			230	OK			Labour day holiday long weekend
9/7/2021	564	OK	OK			17	OK			
9/8/2021	554	OK	OK			10	OK			
9/9/2021	798	OK	OK			244	OK			
9/10/2021	848	OK	OK			50	OK			
9/11/2021	857	OK	OK			9	OK			
9/12/2021	784	OK	OK			73	OK			
9/13/2021	600	OK	OK			184	OK			
9/14/2021	577	OK	OK			23	OK			
9/15/2021	593	OK	OK			16	OK			
9/16/2021	864	OK	OK			271	OK			
9/17/2021	795	OK	OK			69	OK			
9/18/2021	821	OK	OK			26	OK			
9/19/2021	715	OK	OK			106	OK			
9/20/2021	610	OK	OK			105	OK			
9/21/2021	574	OK	OK			36	OK			
9/22/2021	463	OK	OK			111	OK			Vaccine certificate required
9/23/2021	677	OK	OK			214	OK			
9/24/2021	727	OK	OK			50	OK			
9/25/2021	640	OK	OK			87	OK			
9/26/2021	653	OK	OK			13	OK			
9/27/2021	613	OK	OK			40	OK			
9/28/2021	466	OK	OK			147	OK			
9/29/2021	495	OK	OK			29	OK			
9/30/2021	647	OK	OK			152	OK			
10/1/2021	668	OK	OK			21	OK			
10/2/2021	704	OK	OK			36	OK			

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10/3/2021	580	OK	OK			124	OK			
10/4/2021	511	OK	OK			69	OK			
10/5/2021	429	OK	OK			82	OK			
10/6/2021	476	OK	OK			47	OK			
10/7/2021	587	OK	OK			111	OK			
10/8/2021	573	OK	OK			14	OK			
10/9/2021	654	OK	OK			81	OK			
10/10/2021	535	OK	OK			119	OK			
10/11/2021	458	OK	OK			77	OK			Thanksgiving day holiday long weekend
10/12/2021	390	OK	OK			68	OK			
10/13/2021	306	OK	OK		run failure dropped	84	OK			C: Vaccine A: N/A P: N/A
10/14/2021	417	OK	OK			111	OK			
10/15/2021	496	OK	OK			79	OK			
10/16/2021	486	OK	OK			10	OK			
10/17/2021	443	OK	OK			43	OK			
10/18/2021	373	OK	OK			70	OK			
10/19/2021	328	OK	OK			45	OK			
10/20/2021	304	OK	OK			24	OK			
10/21/2021	413	OK	OK			109	OK			
10/22/2021	492	OK	OK			79	OK			
10/23/2021	373	OK	OK			119	OK			
10/24/2021	370	OK	OK			3	OK			
10/25/2021	326	OK	OK			44	OK			Some restrictions lifted
10/26/2021	269	OK	OK			57	OK			
10/27/2021	321	OK	OK			52	OK			
10/28/2021	409	OK	OK			88	OK			
10/29/2021	419	OK	OK			10	OK			
10/30/2021	356	OK	OK			63	OK			Halloween weekend
10/31/2021	340	OK	OK			16	OK			
11/1/2021	422	OK	OK			82	OK			
11/2/2021	331	OK	OK			91	OK			
11/3/2021	378	OK	OK			47	OK			
11/4/2021	438	OK	OK			60	OK			
11/5/2021	563	OK	OK			125	OK			
11/6/2021	508	OK	OK			55	OK			
11/7/2021	636	OK	OK			128	OK			
11/8/2021	480	OK	OK			156	OK			
11/9/2021	441	OK	OK			39	OK			
11/10/2021	454	OK	OK			13	OK			
11/11/2021	642	OK	OK			188	OK			Remembrance day
11/12/2021	598	OK	OK			44	OK			
11/13/2021	661	OK	OK			63	OK			
11/14/2021	666	OK	OK			5	OK			
11/15/2021	552	OK	OK			114	OK			
11/16/2021	481	OK	OK			71	OK			
11/17/2021	512	OK	OK			31	OK			
11/18/2021	711	OK	OK			199	OK			
11/19/2021	793	OK	OK			82	OK			Diwali Night

## ONTARIO CASES

Test Date	cases	Low	High	Outliers	Comments	Range	Limit	Outliers	Notes	Comments / CAP
11/20/2021	728	OK	OK			65	OK			
11/21/2021	741	OK	OK			13	OK			
11/22/2021	627	OK	OK			114	OK			kids vaccines approved
11/23/2021	613	OK	OK			14	OK			
11/24/2021	591	OK	OK			22	OK			
11/25/2021	748	OK	OK			157	OK			US Thanks giving day holiday
11/26/2021	927	OK	OK			179	OK			Omicron variant detected
11/27/2021	854	OK	OK			73	OK			
11/28/2021	964	OK	OK			110	OK			Hanukkah - starts
11/29/2021	788	OK	OK			176	OK			
11/30/2021	687	OK	OK			101	OK			
12/1/2021	780	OK	OK			93	OK			
12/2/2021	959	OK	OK			179	OK			
12/3/2021	1031	OK	OK			72	OK			
12/4/2021	1053	OK	OK			22	OK			
12/5/2021	1184	OK	OK		run failure increase	131	OK			C: Omicron A: Wear mask P: Vaccine;
12/6/2021	887	OK	OK			297	OK			Hanukkah ends
12/7/2021	928	OK	OK			41	OK			
12/8/2021	1009	OK	OK			81	OK			
12/9/2021	1200	OK	OK			191	OK			
12/10/2021	1453	OK	OK			253	OK			
12/11/2021	1607	OK	OK		run failure increase	154	OK			C: Omicron A: Wear mask P: Vaccine;
12/12/2021	1476	OK	OK			131	OK			
12/13/2021	1536	OK	OK			60	OK			third dose 50+
12/14/2021	1429	OK	OK			107	OK			
12/15/2021	1808	OK	OK				Failed	379	dropped	C: Omicron A: Wear mask P: Vaccine;
12/16/2021	2421	OK	OK				Failed	613	increase	C: Omicron A: Wear mask P: Vaccine;
12/17/2021	3124	OK	OK				Failed	703	increase	C: Omicron A: Wear mask P: Vaccine;
12/18/2021	3301	OK	OK			177	OK			
12/19/2021	4177	OK	OK		run failure increase		Failed	876	increase	
12/20/2021	3784	OK	OK				Failed	393	dropped	C: Vaccine A: N/A P: N/A; third dose 18+
12/21/2021	3453	OK	OK			331	OK			
12/22/2021	4383	OK	OK				Failed	930	increase	C: Omicron A: Wear mask P: Vaccine;
12/23/2021		OK	Failed	5790	increase		Failed	1407	increase	C: Omicron A: Wear mask P: Vaccine;
12/24/2021		OK	Failed	9571	increase		Failed	3781	increase	C: Omicron A: Wear mask P: Vaccine;
12/25/2021		OK	Failed	10412	run failure increase		Failed	841	increase	C: Omicron A: Wear mask P: Vaccine; Christmas Day
12/26/2021		OK	Failed	9826	dropped		Failed	586	dropped	C: Vaccine A: N/A P: N/A; Boxing Day
12/27/2021		OK	Failed	9418	dropped		Failed	408	dropped	C: Vaccine A: N/A P: N/A
12/28/2021		OK	Failed	8825	dropped		Failed	593	dropped	C: Vaccine A: N/A P: N/A
12/29/2021		OK	Failed	10436	increase		Failed	1611	increase	C: Christmas A: N/A P: stay home
12/30/2021		OK	Failed	13807	increase		Failed	3371	increase	C: Christmas A: N/A P: stay home
12/31/2021		OK	Failed	16713	increase		Failed	2906	increase	C: Christmas A: N/A P: stay home; New year eve
1/1/2022		OK	Failed	18445	increase		Failed	1732	increase	C: Christmas A: N/A P: stay home
1/2/2022		OK	Failed	16714	dropped		Failed	1731	dropped	C: Vaccine A: N/A P: N/A
1/3/2022		OK	Failed	13578	dropped		Failed	3136	dropped	C: Vaccine A: N/A P: N/A
1/4/2022		OK	Failed	11352	dropped		Failed	2226	dropped	C: Vaccine A: N/A P: N/A
1/5/2022		OK	Failed	11582	increase	230	OK			21 Day Lockdown
1/6/2022		OK	Failed	13339	increase		Failed	1757	increase	C: New year eve A: N/A P: stay home



## ONTARIO CASES

Test Date	cases	Low	High	Outliers	Comments	Range	Limit	Outliers	Notes	Comments / CAP
1/7/2022		OK	Failed	11899	dropped		Failed	1440	dropped	C: Vaccine A: N/A P: N/A
1/8/2022		OK	Failed	13362	increase		Failed	1463	increase	C: New year eve A: N /A P: stay home
1/9/2022		OK	Failed	11959	dropped		Failed	1403	dropped	C: Vaccine A: N/A P: N/A
1/10/2022		OK	Failed	9706	dropped		Failed	2253	dropped	C: Vaccine A: N/A P: N/A
1/11/2022		OK	Failed	7951	dropped		Failed	1755	dropped	C: Vaccine A: N/A P: N/A
1/12/2022		OK	Failed	9783	increase		Failed	1832	increase	C: Omicron A: Wear mask P: Vaccine;
1/13/2022		OK	Failed	9909	increase	126	OK			C: Omicron A: Wear mask P: Vaccine;
1/14/2022		OK	Failed	10964	increase		Failed	1055	increase	C: Omicron A: Wear mask P: Vaccine;
1/15/2022		OK	Failed	10732	dropped	232	OK			C: Vaccine A: N/A P: N/A
1/16/2022		OK	Failed	10450	dropped	282	OK			C: Vaccine A: N/A P: N/A
1/17/2022		OK	Failed	8521	dropped		Failed	1929	dropped	C: Vaccine A: N/A P: N/A
1/18/2022		OK	Failed	7086	dropped		Failed	1435	dropped	C: Vaccine A: N/A P: N/A
1/19/2022		OK	Failed	5744	dropped		Failed	1342	dropped	C: Vaccine A: N/A P: N/A
1/20/2022		OK	Failed	7757	increase		Failed	2013	increase	C: Omicron A: Wear mask P: Vaccine;
1/21/2022		OK	Failed	7165	dropped		Failed	592	dropped	C: Vaccine A: N/A P: N/A
1/22/2022		OK	Failed	6473	dropped		Failed	692	dropped	C: Vaccine A: N/A P: N/A
1/23/2022		OK	Failed	5883	dropped		Failed	590	dropped	C: Vaccine A: N/A P: N/A
1/24/2022	4790	OK	OK				Failed	1093	dropped	C: Vaccine A: N/A P: N/A
1/25/2022	3424	OK	OK		run failure dropped		Failed	1366	dropped	C: Vaccine A: N/A P: N/A
1/26/2022		OK	Failed	5369	increase		Failed	1945	increase	C: Omicron A: Wear mask P: Vaccine;
1/27/2022		OK	Failed	5852	increase		Failed	483	increase	C: Omicron A: Wear mask P: Vaccine;
1/28/2022		OK	Failed	5337	dropped		Failed	515	dropped	C: Vaccine A: N/A P: N/A
1/29/2022	4855	OK	OK				Failed	482	dropped	C: Vaccine A: N/A P: N/A
1/30/2022	3960	OK	OK				Failed	895	dropped	C: Vaccine A: N/A P: N/A
1/31/2022	3043	OK	OK				Failed	917	dropped	C: Vaccine A: N/A P: N/A
2/1/2022	2622	OK	OK		run failure dropped		Failed	421	dropped	C: Vaccine A: N/A P: N/A
2/2/2022	3909	OK	OK				Failed	1287	increase	C: Omicron A: Wear mask P: Vaccine;
2/3/2022	4098	OK	OK			189	OK			
2/4/2022	4047	OK	OK			51	OK			
2/5/2022	3204	OK	OK				Failed	843	dropped	C: Vaccine A: N/A P: N/A
2/6/2022	2887	OK	OK			317	OK			
2/7/2022	2088	OK	OK				Failed	799	dropped	C: Vaccine A: N/A P: N/A
2/8/2022	2098	OK	OK			10	OK			
2/9/2022	3162	OK	OK				Failed	1064	increase	C: Omicron A: Wear mask P: Vaccine;
2/10/2022	3201	OK	OK			39	OK			
2/11/2022	2907	OK	OK			294	OK			
2/12/2022	2944	OK	OK			37	OK			
2/13/2022	2265	OK	OK				Failed	679	dropped	C: Vaccine A: N/A P: N/A
2/14/2022	1765	OK	OK				Failed	500	dropped	C: Vaccine A: N/A P: N/A
2/15/2022	1593	OK	OK			172	OK			
2/16/2022		OK	OK			1593	Failed			
2/17/2022		OK	OK			0	OK			clubs/bars reopening
2/18/2022		OK	OK			0	OK			
2/19/2022		OK	OK			0	OK			
2/20/2022		OK	OK			0	OK			

## ONTARIO CASES

Test Date	cases	Low	High	Outliers	Comments	Range	Limit	Outliers	Notes	Comments / CAP
Sum	571394			351710		322		105		pop = 14.57 million
Mean	1472.66			10048.86		104.80		907.70		percent of population infected
Standard Deviation	1242.23			3345.63				673.00		3.92
Kurtosis	-0.28	normal		0.12	normal			4.92	not normal	
Skew	0.94	normal		0.62	normal			2.11	not normal	
CP	1.1									
CPK	0.6									
	Bin									
Upper Control Limit	5199.37									
	3957.13									
	2714.90									
	1472.66									
	230.43									
	-1011.80									
Lower Control Limit	-2254.04	flu not covid								