

TORONTO COVID CASES four sigma

Test Date	Cases	Low	High	Outliers	Comments	Range	Limit	Outliers	notes	Comments / CAP
12/20/2020	486	OK	OK							first vaccine dec 14 - pfizer
12/21/2020	611	OK	OK				OK	125	increase	
12/22/2020	636	OK	OK			25	OK			
12/23/2020	629	OK	OK			7	OK			Moderna vaccine approved
12/24/2020	646	OK	OK			17	OK			
12/25/2020	616	OK	OK			30	OK			Christmas day
12/26/2020	541	OK	OK			75	OK			
12/27/2020	572	OK	OK			31	OK			
12/28/2020	412	OK	OK				Failed	160	dropped	C: Vaccine A: N/A P: N/A
12/29/2020	895	OK	OK				Failed	483	increase	C: Christmas Day A: Shut down P: vaccine
12/30/2020	998	OK	OK			103	OK			
12/31/2020	888	OK	OK			110	OK			
1/1/2021	499	OK	OK				Failed	389	increase	New Years Day C: Vaccine A: N/A P: N/A
1/2/2021	700	OK	OK				Failed	201	increase	C: Christmas Day A: Shut down P: vaccine
1/3/2021	786	OK	OK			86	OK			
1/4/2021	917	OK	OK				Failed	131	increase	New Years Day C: Vaccine A: N/A P: N/A
1/5/2021	778	OK	OK				Failed	139	dropped	C: Vaccine A: N/A P: N/A
1/6/2021	805	OK	OK			27	OK			
1/7/2021	891	OK	OK			86	OK			
1/8/2021	1382	OK	OK				Failed	491	increase	C: New Years Day A: Shut down P: vaccine
1/9/2021	1070	OK	OK				Failed	312	dropped	C: Vaccine A: N/A P: N/A
1/10/2021	1160	OK	OK			90	OK			
1/11/2021	931	OK	OK				Failed	229	dropped	C: Vaccine A: N/A P: N/A
1/12/2021	837	OK	OK			94	OK			
1/13/2021	738	OK	OK			99	OK			
1/14/2021	968	OK	OK				Failed	230	increase	C: New Years Day A: Shut down P: vaccine
1/15/2021	800	OK	OK				Failed	168	dropped	
1/16/2021	903	OK	OK			103	OK			
1/17/2021	1035	OK	OK				Failed	132	increase	
1/18/2021	815	OK	OK				Failed	220	dropped	C: Vaccine A: N/A P: N/A
1/19/2021	550	OK	OK				Failed	265	dropped	C: Vaccine A: N/A P: N/A
1/20/2021	925	OK	OK				Failed	375	increase	C: Count A: Wear mask P: Vaccine; * prev. 102 cases
1/21/2021	897	OK	OK			28	OK			
1/22/2021	779	OK	OK				OK	118	dropped	C: Vaccine A: N/A P: N/A
1/23/2021	708	OK	OK			71	OK			
1/24/2021	785	OK	OK			77	OK			
1/25/2021	727	OK	OK			58	OK			
1/26/2021	677	OK	OK			50	OK			
1/27/2021	450	OK	OK				Failed	227	dropped	C: Vaccine A: N/A P: N/A
1/28/2021	700	OK	OK				Failed	250	increase	C: Count A: Wear mask P: Vaccine; * prev. 300 cases
1/29/2021	595	OK	OK			105	OK			

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1/30/2021	713	OK	OK				OK	118	increase	
1/31/2021	726	OK	OK			13	OK			
2/1/2021	886	OK	OK				Failed	160	increased	C: count issuesA: N/A P: N/A
2/2/2021	-119	OK	OK				Failed	1005	dropped	C: Vaccine A: N/A P: N/A+
2/3/2021	444	OK	OK				Failed	563	increase	C: count issuesA: N/A P: N/A
2/4/2021	584	OK	OK				Failed	140	increase	C: Vaccine A: N/A P: N/A
2/5/2021	667	OK	OK			83	OK			
2/6/2021	455	OK	OK				Failed	212	dropped	C: Vaccine A: N/A P: N/A
2/7/2021	517	OK	OK			62	OK			
2/8/2021	421	OK	OK			96	OK			
2/9/2021	343	OK	OK			78	OK			
2/10/2021	393	OK	OK			50	OK			
2/11/2021	112	OK	OK				Failed	281	increase	C: Alpha A: Wear mask P: vaccine
2/12/2021	361	OK	OK				Failed	249	increase	C: Alpha A: Wear mask P: vaccine
2/13/2021	433	OK	OK			72	OK			
2/14/2021	122	OK	OK				Failed	311	dropped	C: Vaccine A: N/A P: N/A
2/15/2021	251	OK	OK				Failed	129	increase	C: Family Day A: Shut down P: vaccine
2/16/2021	320	OK	OK			69	OK			
2/17/2021	257	OK	OK			63	OK			
2/18/2021	372	OK	OK			115	OK			
2/19/2021	376	OK	OK			4	OK			
2/20/2021	331	OK	OK			45	OK			
2/21/2021	344	OK	OK			13	OK			
2/22/2021	325	OK	OK			19	OK			
2/23/2021	343	OK	OK			18	OK			
2/24/2021	363	OK	OK			20	OK			
2/25/2021	339	OK	OK			24	OK			
2/26/2021	362	OK	OK			23	OK			Astra Zeneca approved
2/27/2021	331	OK	OK			31	OK			
2/28/2021	259	OK	OK			72	OK			
3/1/2021	280	OK	OK			21	OK			
3/2/2021	253	OK	OK			27	OK			
3/3/2021	249	OK	OK			4	OK			
3/4/2021	298	OK	OK			49	OK			
3/5/2021	337	OK	OK			39	OK			
3/6/2021	284	OK	OK			53	OK			
3/7/2021	329	OK	OK			45	OK			
3/8/2021	568	OK	OK				Failed	239	increase	C: Alpha A: N/A P: vaccine
3/9/2021	343	OK	OK				Failed	225	dropped	C: Vaccine A: N/A P: N/A
3/10/2021	428	OK	OK			85	OK			
3/11/2021	293	OK	OK				Failed	135	dropped	
3/12/2021	371	OK	OK			78	OK			

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3/13/2021	388	OK	OK			17	OK			
3/14/2021	545	OK	OK				Failed	157	increase	C: Vaccine A: N/A P: N/A
3/15/2021	366	OK	OK				Failed	179	dropped	C: Vaccine A: N/A P: N/A
3/16/2021	313	OK	OK			53	OK			
3/17/2021	542	OK	OK				Failed	229	increase	C: Alpha A: Wear mask P: vaccine
3/18/2021	404	OK	OK				Failed	138	dropped	C: Vaccine A: N/A P: N/A
3/19/2021	478	OK	OK			74	OK			
3/20/2021	593	OK	OK			115	OK			C: Vaccine A: N/A P: N/A
3/21/2021	495	OK	OK			98	OK			
3/22/2021	500	OK	OK			5	OK			
3/23/2021	465	OK	OK			35	OK			
3/24/2021	459	OK	OK			6	OK			
3/25/2021	1016	OK	OK				Failed	557	increase	C: Alpha A: Wear mask P: vaccine
3/26/2021	682	OK	OK				Failed	334	dropped	C: Vaccine A: N/A P: N/A
3/27/2021	814	OK	OK				Failed	132	dropped	C: Vaccine A: N/A P: N/A
3/28/2021	780	OK	OK			34	OK			
3/29/2021	618	OK	OK				Failed	162	dropped	C: Vaccine A: N/A P: N/A
3/30/2021	727	OK	OK			109	OK			C: Alpha A: N/A P: vaccine
3/31/2021	785	OK	OK			58	OK			
4/1/2021	743	OK	OK			42	OK			shut down starts
4/2/2021	1052	OK	OK				Failed	309	increase	Good friday
4/3/2021	954	OK	OK			98	OK			
4/4/2021	847	OK	OK			107	OK			Easter Sunday C:
4/5/2021	906	OK	OK			59	OK			
4/6/2021	955	OK	OK			49	OK			
4/7/2021	1095	OK	OK				Failed	140	increase	C: Easter Weekend A: shut down P: vaccine
4/8/2021	933	OK	OK				Failed	162	dropped	C: Vaccine A: N/A P: N/A
4/9/2021	1218	OK	OK				Failed	285	dropped	C: Vaccine A: N/A P: N/A
4/10/2021	973	OK	OK				Failed	245	increase	C: Easter Weekend A: shut down P: vaccine
4/11/2021	1353	OK	OK				Failed	380	increase	shut down extended
4/12/2021	1282	OK	OK			71	OK			2021 ramadan starts;
4/13/2021	1016	OK	OK				Failed	266	dropped	C: Vaccine A: N/A P: N/A
4/14/2021	1254	OK	OK				Failed	238	increase	C: Easter Weekend A: shut down P: vaccine
4/15/2021	1188	OK	OK			66	OK			
4/16/2021	1469	OK	OK		apex		Failed	281	increase	C: Easter Dinner Ramadam A: Shut down P: Vaccine
4/17/2021	1162	OK	OK				Failed	307	dropped	C: Vaccine A: N/A P: N/A
4/18/2021	1392	OK	OK				Failed	230	increase	C: Ramadan/Easter A: shut down P: vaccine
4/19/2021	1299	OK	OK			93	OK			
4/20/2021	1074	OK	OK				Failed	225	dropped	vaccine 40+ C: Vaccine A: N/A P: N/A
4/21/2021	1249	OK	OK		Covid turns endemic		Failed	175	increase	C: Ramadan/Easter A: shut down P: vaccine
4/22/2021	1131	OK	OK			118	OK			
4/23/2021	1257	OK	OK				Failed	126		

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4/24/2021	1191	OK	OK			66	OK			section order 22
4/25/2021	1136	OK	OK			55	OK			
4/26/2021	1015	OK	OK				OK	121	dropped	
4/27/2021	1044	OK	OK			29	OK			
4/28/2021	961	OK	OK			83	OK			
4/29/2021	1172	OK	OK				Failed	211	increase	C:Ramadon/Easter A: shut down P: vaccine
4/30/2021	1331	OK	OK				Failed	159	increase	C:Ramadon/Easter A: shut down P: vaccine
5/1/2021	1050	OK	OK				Failed	281	dropped	C: Vaccine A: N/A P: N/A
5/2/2021	1198	OK	OK				Failed	148	increase	C:Ramadon/Easter A: shut down P: vaccine
5/3/2021	985	OK	OK				Failed	213	dropped	C: Vaccine A: N/A P: N/A
5/4/2021	931	OK	OK			54	OK			
5/5/2021	924	OK	OK			7	OK			
5/6/2021	958	OK	OK			34	OK			
5/7/2021	876	OK	OK			82	OK			
5/8/2021	684	OK	OK				Failed	192	dropped	C: Vaccine A: N/A P: N/A
5/9/2021	903	OK	OK				Failed	219	increased	C:Ramadon/Easter A: shut down P: vaccine
5/10/2021	807	OK	OK			96	OK			
5/11/2021	685	OK	OK				OK	122	dropped	C: Vaccine A: N/A P: N/A
5/12/2021	712	OK	OK			27	OK			2021 ramadan ends
5/13/2021	774	OK	OK			62	OK			
5/14/2021	691	OK	OK			83	OK			
5/15/2021	689	OK	OK			2	OK			
5/16/2021	633	OK	OK			56	OK			36 hour vaccine clinic peel
5/17/2021	566	OK	OK			67	OK			
5/18/2021	472	OK	OK			94	OK			
5/19/2021	524	OK	OK			52	OK			
5/20/2021	607	OK	OK			83	OK			shut down extended to June 2nd
5/21/2021	469	OK	OK				Failed	138	increased	outdoor reopening May 22nd
5/22/2021	416	OK	OK			53	OK			
5/23/2021	455	OK	OK			39	OK			
5/24/2021	387	OK	OK			68	OK			Victoria Day Long weekend
5/25/2021	325	OK	OK			62	OK			
5/26/2021	257	OK	OK			68	OK			
5/27/2021	316	OK	OK			59	OK			
5/28/2021	269	OK	OK			47	OK			
5/29/2021	228	OK	OK			41	OK			
5/30/2021	237	OK	OK			9	OK			
5/31/2021	226	OK	OK			11	OK			
6/1/2021	207	OK	OK			19	OK			
6/2/2021	173	OK	OK			34	OK			
6/3/2021	225	OK	OK			52	OK			
6/4/2021	214	OK	OK			11	OK			

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6/5/2021	181	OK	OK			33	OK		
6/6/2021	115	OK	OK			66	OK		
6/7/2021	114	OK	OK			1	OK		
6/8/2021	182	OK	OK			68	OK		
6/9/2021	97	OK	OK			85	OK		
6/10/2021	114	OK	OK			17	OK		
6/11/2021	109	OK	OK			5	OK		stage 1 reopening
6/12/2021	89	OK	OK			20	OK		
6/13/2021	102	OK	OK			13	OK		
6/14/2021	110	OK	OK			8	OK		Delta variant detected
6/15/2021	60	OK	OK			50	OK		
6/16/2021	54	OK	OK			6	OK		
6/17/2021	67	OK	OK			13	OK		
6/18/2021	50	OK	OK			17	OK		
6/19/2021	58	OK	OK			8	OK		
6/20/2021	45	OK	OK			13	OK		
6/21/2021	47	OK	OK			2	OK		*80 cases from prev mos
6/22/2021	123	OK	OK			76	OK		
6/23/2021	57	OK	OK			66	OK		
6/24/2021	35	OK	OK			22	OK		
6/25/2021	36	OK	OK			1	OK		
6/26/2021	64	OK	OK			28	OK		
6/27/2021	42	OK	OK			22	OK		
6/28/2021	37	OK	OK			5	OK		
6/29/2021	130	OK	OK			93	OK		prev. 90 cases
6/30/2021	17	OK	OK			113	OK		Stage 2 starts
7/1/2021	41	OK	OK			24	OK		Canada day
7/2/2021	23	OK	OK			18	OK		
7/3/2021	20	OK	OK			3	OK		
7/4/2021	42	OK	OK			22	OK		
7/5/2021	27	OK	OK			15	OK		
7/6/2021	112	OK	OK			85	OK		80 cases prev period
7/7/2021	35	OK	OK			77	OK		
7/8/2021	18	OK	OK			17	OK		
7/9/2021	22	OK	OK			4	OK		
7/10/2021	23	OK	OK			1	OK		
7/11/2021	28	OK	OK			5	OK		
7/12/2021	10	OK	OK			18	OK		
7/13/2021	43	OK	OK			33	OK		
7/14/2021	28	OK	OK			15	OK		
7/15/2021	20	OK	OK			8	OK		
7/16/2021	23	OK	OK			3	OK		stage 3 starts; Ontario partial opening

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7/17/2021	37	OK	OK			14	OK		
7/18/2021	22	OK	OK			15	OK		
7/19/2021	18	OK	OK			4	OK		
7/20/2021	34	OK	OK			16	OK		
7/21/2021	26	OK	OK			8	OK		
7/22/2021	18	OK	OK			8	OK		
7/23/2021	43	OK	OK			25	OK		
7/24/2021	44	OK	OK			1	OK		
7/25/2021	48	OK	OK			4	OK		
7/26/2021	22	OK	OK			26	OK		
7/27/2021	37	OK	OK			15	OK		
7/28/2021	25	OK	OK			12	OK		
7/29/2021	38	OK	OK			13	OK		
7/30/2021	62	OK	OK			24	OK		
7/31/2021	53	OK	OK			9	OK		
8/1/2021	40	OK	OK			13	OK		
8/2/2021	43	OK	OK			3	OK		
8/3/2021	45	OK	OK			2	OK		civic day long weekend
8/4/2021	26	OK	OK			19	OK		
8/5/2021	44	OK	OK			18	OK		
8/6/2021	80	OK	OK			36	OK		
8/7/2021	94	OK	OK			14	OK		
8/8/2021	109	OK	OK			15	OK		
8/9/2021	90	OK	OK			19	OK		
8/10/2021	96	OK	OK			6	OK		
8/11/2021	72	OK	OK			24	OK		
8/12/2021	105	OK	OK			33	OK		
8/13/2021	129	OK	OK			24	OK		
8/14/2021	153	OK	OK			24	OK		
8/15/2021	116	OK	OK			37	OK		
8/16/2021	128	OK	OK			12	OK		
8/17/2021	85	OK	OK			43	OK		
8/18/2021	108	OK	OK			23	OK		
8/19/2021	116	OK	OK			8	OK		
8/20/2021	136	OK	OK			20	OK		
8/21/2021	130	OK	OK			6	OK		
8/22/2021	170	OK	OK			40	OK		
8/23/2021	124	OK	OK			46	OK		
8/24/2021	129	OK	OK			5	OK		
8/25/2021	151	OK	OK			22	OK		
8/26/2021	144	OK	OK			7	OK		
8/27/2021	185	OK	OK			41	OK		

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8/28/2021	168	OK	OK			17	OK		
8/29/2021	141	OK	OK			27	OK		
8/30/2021	121	OK	OK			20	OK		
8/31/2021	120	OK	OK			1	OK		
9/1/2021	158	OK	OK			38	OK		
9/2/2021	175	OK	OK			17	OK		
9/3/2021	175	OK	OK			0	OK		
9/4/2021	181	OK	OK			6	OK		
9/5/2021	156	OK	OK			25	OK		
9/6/2021	114	OK	OK			42	OK		Labour day holiday long weekend
9/7/2021	116	OK	OK			2	OK		
9/8/2021	149	OK	OK			33	OK		
9/9/2021	159	OK	OK			10	OK		
9/10/2021	166	OK	OK			7	OK		
9/11/2021	170	OK	OK		run failure increased	4	OK		C: Delta A: Wear mask P: vaccine
9/12/2021	147	OK	OK			23	OK		
9/13/2021	114	OK	OK			33	OK		
9/14/2021	116	OK	OK			2	OK		
9/15/2021	141	OK	OK			25	OK		
9/16/2021	162	OK	OK			21	OK		
9/17/2021	166	OK	OK			4	OK		
9/18/2021	152	OK	OK			14	OK		
9/19/2021	139	OK	OK			13	OK		
9/20/2021	126	OK	OK			13	OK		
9/21/2021	104	OK	OK			22	OK		
9/22/2021	93	OK	OK			11	OK		
9/23/2021	136	OK	OK			43	OK		Vaccine certificate required
9/24/2021	144	OK	OK			8	OK		
9/25/2021	113	OK	OK			31	OK		
9/26/2021	109	OK	OK			4	OK		
9/27/2021	117	OK	OK			8	OK		
9/28/2021	138	OK	OK			21	OK		
9/29/2021	107	OK	OK			31	OK		
9/30/2021	94	OK	OK			13	OK		
10/1/2021	110	OK	OK			16	OK		
10/2/2021	150	OK	OK			40	OK		
10/3/2021	110	OK	OK			40	OK		
10/4/2021	85	OK	OK			25	OK		
10/5/2021	108	OK	OK			23	OK		
10/6/2021	84	OK	OK			24	OK		
10/7/2021	119	OK	OK			35	OK		
10/8/2021	104	OK	OK			15	OK		

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10/9/2021	123	OK	OK			19	OK		
10/10/2021	98	OK	OK			25	OK		
10/11/2021	92	OK	OK			6	OK		Thanksgiving day holiday long weekend
10/12/2021	66	OK	OK			26	OK		
10/13/2021	68	OK	OK			2	OK		
10/14/2021	69	OK	OK			1	OK		
10/15/2021	74	OK	OK			5	OK		
10/16/2021	88	OK	OK			14	OK		
10/17/2021	58	OK	OK			30	OK		
10/18/2021	62	OK	OK			4	OK		
10/19/2021	52	OK	OK			10	OK		
10/20/2021	46	OK	OK			6	OK		
10/21/2021	66	OK	OK			20	OK		
10/22/2021	64	OK	OK			2	OK		
10/23/2021	41	OK	OK			23	OK		
10/24/2021	47	OK	OK			6	OK		
10/25/2021	39	OK	OK			8	OK		Some restrictions lifted
10/26/2021	39	OK	OK			0	OK		
10/27/2021	66	OK	OK			27	OK		
10/28/2021	54	OK	OK			12	OK		
10/29/2021	63	OK	OK			9	OK		
10/30/2021	45	OK	OK			18	OK		
10/31/2021	58	OK	OK			13	OK		Halloween weekend
11/1/2021	61	OK	OK			3	OK		
11/2/2021	42	OK	OK			19	OK		
11/3/2021	64	OK	OK			22	OK		
11/4/2021	72	OK	OK			8	OK		
11/5/2021	44	OK	OK			28	OK		
11/6/2021	76	OK	OK			32	OK		
11/7/2021	60	OK	OK			16	OK		
11/8/2021	53	OK	OK			7	OK		
11/9/2021	55	OK	OK			2	OK		
11/10/2021	42	OK	OK			13	OK		Remembrance day
11/11/2021	74	OK	OK			32	OK		
11/12/2021	63	OK	OK			11	OK		
11/13/2021	86	OK	OK			23	OK		
11/14/2021	76	OK	OK			10	OK		
11/15/2021	85	OK	OK			9	OK		
11/16/2021	56	OK	OK			29	OK		
11/17/2021	54	OK	OK			2	OK		
11/18/2021	74	OK	OK			20	OK		
11/19/2021	115	OK	OK			41	OK		Diwali Night

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TORONTO COVID CASES four sigma

Test Date	Cases	Low	High	Outliers	Comments	Range	Limit	Outliers	notes	Comments / CAP
11/20/2021	89	OK	OK			26	OK			
11/21/2021	80	OK	OK			9	OK			
11/22/2021	92	OK	OK			12	OK			kids 5 -11 vaccine approved
11/23/2021	72	OK	OK			20	OK			
11/24/2021	74	OK	OK			2	OK			
11/25/2021	77	OK	OK			3	OK			US Thanksgiving Day
11/26/2021	129	OK	OK			52	OK			Omicron variant detected
11/27/2021	97	OK	OK			32	OK			
11/28/2021	129	OK	OK			32	OK			Hanukkah begins
11/29/2021	106	OK	OK			23	OK			
11/30/2021	94	OK	OK			12	OK			
12/1/2021	96	OK	OK			2	OK			
12/2/2021	118	OK	OK			22	OK			
12/3/2021	133	OK	OK			15	OK			
12/4/2021	139	OK	OK			6	OK			
12/5/2021	152	OK	OK		run failure increased	13	OK			C:Omicron A: wear mask P: Vaccine
12/6/2021	139	OK	OK			13	OK			Hanukkah ends
12/7/2021	163	OK	OK			24	OK			
12/8/2021	124	OK	OK			39	OK			
12/9/2021	206	OK	OK			82	OK			
12/10/2021	195	OK	OK			11	OK			
12/11/2021	247	OK	OK			52	OK			
12/12/2021	226	OK	OK			21	OK			
12/13/2021	255	OK	OK			29	OK			third dose 50+
12/14/2021	239	OK	OK			16	OK			
12/15/2021	343	OK	OK			104	OK			C:Omicron A: wear mask P: Vaccine
12/16/2021	505	OK	OK				Failed	162	increase	C:Omicron A: wear mask P: Vaccine
12/17/2021	759	OK	OK				Failed	254	increase	C:Omicron A: wear mask P: Vaccine
12/18/2021	851	OK	OK			92	OK			
12/19/2021	1039	OK	OK				Failed	188	increase	C:Omicron A: wear mask P: Vaccine
12/20/2021	1056	OK	OK		run failure increased	17	OK		increase	C:Omicron A: wear mask P: Vaccine; third dose 18+
12/21/2021	901	OK	OK				Failed	155	increase	C: Vaccine A: N/A P: N/A
12/22/2021	1284	OK	OK				Failed	383	increase	C:Omicron A: wear mask P: Vaccine
12/23/2021	1527	OK	OK				Failed	243	increase	C:Omicron A: wear mask P: Vaccine
12/24/2021	2456	OK	OK				Failed	929	increase	C:Omicron A: wear mask P: Vaccine
12/25/2021	2899	OK	Failed				Failed	443	increase	C:Omicron A: wear mask P: Vaccine; Christmas Day
12/26/2021	2768	OK	OK				Failed	131	dropped	C: Vaccine A: N/A P: N/A; Boxing Day
12/27/2021	2763	OK	OK			5	OK			C: Vaccine A: N/A P: N/A
12/28/2021	2797	OK	OK			34	OK			C:Omicron A: wear mask P: Vaccine
12/29/2021	2715	OK	OK			82	OK			C:Omicron A: wear mask P: Vaccine
12/30/2021	3478	OK	Failed				Failed	763	increase	C: Christmas A: N/A P: stay home
12/31/2021	3899	OK	Failed				Failed	421	increase	C: Christmas A: N/A P: stay home; New year eve

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TORONTO COVID CASES four sigma

Test Date	Cases	Low	High	Outliers	Comments	Range	Limit	Outliers	notes	Comments / CAP
1/1/2022	4721	OK	Failed		2nd apex increase		Failed	822	increase	C: Christmas A: N/A P: stay home
1/2/2022	3736	OK	Failed				Failed	985	dropped	C: Vaccine A: N/A P: N/A
1/3/2022	3006	OK	Failed				Failed	730	dropped	C: Vaccine A: N/A P: N/A
1/4/2022	2480	OK	OK				Failed	526	dropped	C: Vaccine A: N/A P: N/A
1/5/2022	2524	OK	OK			44	OK			21 Day Lockdown
1/6/2022	2645	OK	OK				OK	121	increase	C: New year eve A: N/A P: stay home
1/7/2022	2405	OK	OK				Failed	240	dropped	C: Vaccine A: N/A P: N/A
1/8/2022	2422	OK	OK			17	OK			C: New year eve A: N/A P: stay home
1/9/2022	2198	OK	OK				Failed	224	dropped	C: Vaccine A: N/A P: N/A
1/10/2022	1879	OK	OK				Failed	319	dropped	C: Vaccine A: N/A P: N/A
1/11/2022	1649	OK	OK				Failed	230	dropped	C: Vaccine A: N/A P: N/A
1/12/2022	1675	OK	OK			26	OK			C:Omicron A: wear mask P: Vaccine
1/13/2022	1895	OK	OK				Failed	220	increase	C:Omicron A: wear mask P: Vaccine
1/14/2022	1961	OK	OK			66	OK			C:Omicron A: wear mask P: Vaccine
1/15/2022	2045	OK	OK			84	OK			C:Omicron A: wear mask P: Vaccine
1/16/2022	1652	OK	OK				Failed	393	dropped	C: Vaccine A: N/A P: N/A
1/17/2022	1742	OK	OK			90	OK			C:Omicron A: wear mask P: Vaccine
1/18/2022	1628	OK	OK			114	OK			C: Vaccine A: N/A P: N/A
1/19/2022	949	OK	OK				Failed	679	dropped	C: Vaccine A: N/A P: N/A
1/20/2022	1373	OK	OK				Failed	424	increase	C:Omicron A: wear mask P: Vaccine
1/21/2022	1269	OK	OK			104	OK			
1/22/2022	1118	OK	OK				Failed	151	dropped	C: Vaccine A: N/A P: N/A
1/23/2022	1022	OK	OK			96	OK			
1/24/2022	886	OK	OK				Failed	136	dropped	C: Vaccine A: N/A P: N/A
1/25/2022	570	OK	OK				Failed	316	dropped	C: Vaccine A: N/A P: N/A
1/26/2022	891	OK	OK				Failed	321	increased	C:Omicron A: wear mask P: Vaccine
1/27/2022	1014	OK	OK				OK	123	increased	C:Omicron A: wear mask P: Vaccine
1/28/2022	845	OK	OK				Failed	169	dropped	C: Vaccine A: N/A P: N/A
1/29/2022	774	OK	OK			71	OK			
1/30/2022	721	OK	OK			53	OK			
1/31/2022	603	OK	OK			118	OK			C: Vaccine A: N/A P: N/A
2/1/2022	606	OK	OK			3	OK			
2/2/2022	716	OK	OK			110	OK			C:Omicron A: wear mask P: Vaccine
2/3/2022	673	OK	OK			43	OK			
2/4/2022	676	OK	OK			3	OK			
2/5/2022	494	OK	OK				Failed	182	dropped	C: Vaccine A: N/A P: N/A
2/6/2022	468	OK	OK			26	OK			
2/7/2022	370	OK	OK			98	OK			
2/8/2022	328	OK	OK			42	OK			
2/9/2022	482	OK	OK				Failed	154	increased	C:Omicron A: wear mask P: Vaccine
2/10/2022	555	OK	OK			73	OK			
2/11/2022	380	OK	OK				Failed	175	dropped	C: Vaccine A: N/A P: N/A

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TORONTO COVID CASES four sigma

Test Date	Cases	Low	High	Outliers	Comments	Range	Limit	Outliers	notes	Comments / CAP
2/12/2022	471	OK	OK			91	OK			
2/13/2022	249	OK	OK				Failed	222	dropped	C: Vaccine A: N/A P: N/A
2/14/2022	335	OK	OK			86	OK			
2/15/2022	223	OK	OK			112	OK			C: Vaccine A: N/A P: N/A
2/16/2022	350	OK	OK				Failed	127	increased	C: Stealth Omicron A: wear mask P: Vaccine
2/17/2022	312	OK	OK			38	OK			clubs/bars reopening
2/18/2022	306	OK	OK			6	OK			
2/19/2022	366	OK	OK			60	OK			Varient BA.2 first detected Canada
2/20/2022	261	OK	OK			105	OK			
2/21/2022	223	OK	OK			38	OK			
2/22/2022	214	OK	OK			9	OK			
2/23/2022	224	OK	OK			10	OK			
2/24/2022	306	OK	OK			82	OK			
2/25/2022	357	OK	OK			51	OK			
2/26/2022	345	OK	OK			12	OK			
2/27/2022	273	OK	OK			72	OK			
2/28/2022	245	OK	OK			28	OK			
3/1/2022	223	OK	OK			22	OK			Limits removed - masks still on
3/2/2022	274	OK	OK			51	OK			
3/3/2022	324	OK	OK			50	OK			
3/4/2022	316	OK	OK			8	OK			
3/5/2022	368	OK	OK			52	OK			
3/6/2022	270	OK	OK			98	OK			
3/7/2022	187	OK	OK			83	OK			
3/8/2022	242	OK	OK			55	OK			
3/9/2022	295	OK	OK			53	OK			
3/10/2022	305	OK	OK			10	OK			
3/11/2022	304	OK	OK			1	OK			
3/12/2022	320	OK	OK			16	OK			
3/13/2022	324	OK	OK			4	OK			
3/14/2022	244	OK	OK			80	OK			
3/15/2022	235	OK	OK			9	OK			
3/16/2022	327	OK	OK			92	OK			
3/17/2022	363	OK	OK			36	OK			
3/18/2022	423	OK	OK			60	OK			
3/19/2022	378	OK	OK			45	OK			
3/20/2022	380	OK	OK			2	OK			
3/21/2022	264	OK	OK			116	OK			Restrictions removed (masks)
3/22/2022	322	OK	OK			58	OK			
3/23/2022	467	OK	OK				Failed	145	increased	C: Stealth Omicron sub variant A: Wear mask P: Vaccine;
3/24/2022	565	OK	OK			98	OK			
3/25/2022	510	OK	OK			55	OK			

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Test Date	Cases	Low	High	Outliers	Comments	Range	Limit	Outliers	notes	Comments / CAP
3/26/2022	555	OK	OK			45	OK			
3/27/2022	445	OK	OK			110	OK			
3/28/2022	402	OK	OK			43	OK			
3/29/2022	403	OK	OK			1	OK			
3/30/2022	734	OK	OK				Failed	331	increased	C: Stealth Omicron sub variant A: Wear mask P: Vaccine;
3/31/2022	760	OK	OK			26	OK			
4/1/2022	724	OK	OK			36	OK			Border restrictions removed; Ramadan starts
4/2/2022	741	OK	OK		run failure increased	17	OK			C: Ramadan Omicron sub variant A: Wear mask P: Vaccine;
4/3/2022	645	OK	OK			96	OK			
4/4/2022	590	OK	OK			55	OK			
4/5/2022	468	OK	OK				OK	122	dropped	C: Vaccine A: N/A P: N/A
4/6/2022	876	OK	OK				Failed	408	increased	C: Ramadan Omicron sub variant A: Wear mask P: Vaccine;
4/7/2022	875	OK	OK			1	OK			
4/8/2022	956	OK	OK			81	OK			
4/9/2022	891	OK	OK			65	OK			
4/10/2022	780	OK	OK			111	OK			
4/11/2022	509	OK	OK				Failed	271	dropped	C: Vaccine A: N/A P: N/A
4/12/2022	460	OK	OK			49	OK			
4/13/2022	892	OK	OK				Failed	432	increased	C: Ramadan Omicron sub variant A: Wear mask P: Vaccine;
4/14/2022	1044	OK	OK				Failed	152	increased	C: Ramadan Omicron sub variant A: Wear mask P: Vaccine;
4/15/2022	941	OK	OK			103	OK			Good Friday long weekend
4/16/2022	817	OK	OK				OK	124	dropped	C: Vaccine A: N/A P: N/A
4/17/2022	475	OK	OK				Failed	342	dropped	C: Vaccine A: N/A P: N/A
4/18/2022	443	OK	OK			32	OK			Easter Monday
4/19/2022	325	OK	OK			118	OK			C: Vaccine A: N/A P: N/A
4/20/2022	169	OK	OK		run failure dropped		Failed	156	dropped	C: Vaccine A: N/A P: N/A
4/21/2022	1035	OK	OK				Failed	866	increased	C: Easter; Omicron sub variant A: Wear mask P: Vaccine;
4/22/2022	997	OK	OK			38	OK			
4/23/2022	754	OK	OK				Failed	243	dropped	C: Vaccine A: N/A P: N/A
4/24/2022	758	OK	OK			4	OK			
4/25/2022	436	OK	OK				Failed	322	dropped	C: Vaccine A: N/A P: N/A
4/26/2022	294	OK	OK				Failed	142	dropped	C: Vaccine A: N/A P: N/A
4/27/2022	561	OK	OK				Failed	267	increased	C: Ramadan Omicron sub variant A: Wear mask P: Vaccine;
4/28/2022	806	OK	OK				Failed	245	increased	C: Ramadan Omicron sub variant A: Wear mask P: Vaccine;
4/29/2022	549	OK	OK				Failed	257	dropped	C: Vaccine A: N/A P: N/A
4/30/2022	551	OK	OK			2	OK			Ramadan Ends
5/1/2022	485	OK	OK			66	OK			
5/2/2022	304	OK	OK				Failed	181	dropped	C: Vaccine A: N/A P: N/A
5/3/2022	225	OK	OK			79	OK			
5/4/2022	466	OK	OK				Failed	241	increased	
5/5/2022	531	OK	OK			65	OK			
5/6/2022	554	OK	OK			23	OK			

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Test Date	Cases	Low	High	Outliers	Comments	Range	Limit	Outliers	notes	Comments / CAP
5/7/2022	519	OK	OK			35	OK			
5/8/2022	423	OK	OK			96	OK			
5/9/2022	292	OK	OK				Failed	131	dropped	
5/10/2022	235	OK	OK			57	OK			
5/11/2022	522	OK	OK				Failed	287	increased	
5/12/2022	417	OK	OK			105	OK			
5/13/2022	431	OK	OK			14	OK			
5/14/2022	353	OK	OK			78	OK			
5/15/2022	351	OK	OK			2	OK			
5/16/2022	235	OK	OK		run failure dropped	116	OK			
5/17/2022	249	OK	OK			14	OK			
5/18/2022	409	OK	OK				Failed	160	increased	
5/19/2022	379	OK	OK			30	OK			
5/20/2022	317	OK	OK			62	OK			
5/21/2022	267	OK	OK			50	OK			
5/22/2022	286	OK	OK			19	OK			
5/23/2022	185	OK	OK			101	OK			Victoria Day long weekend
5/24/2022	187	OK	OK			2	OK			
5/25/2022	170	OK	OK			17	OK			
5/26/2022	342	OK	OK				Failed	172	increased	
5/27/2022	197	OK	OK				Failed	145	dropped	
5/28/2022	365	OK	OK				Failed	168	increased	
5/29/2022	212	OK	OK				Failed	153	dropped	
5/30/2022	151	OK	OK			61	OK			
5/31/2022	141	OK	OK			10	OK			
6/1/2022	300	OK	OK				Failed	159	increased	
6/2/2022	287	OK	OK			13	OK			
6/3/2022	198	OK	OK			89	OK			
6/4/2022	210	OK	OK			12	OK			
6/5/2022	198	OK	OK			12	OK			
6/6/2022	117	OK	OK			81	OK			
6/7/2022	112	OK	OK			5	OK			
6/8/2022	220	OK	OK			108	OK			
6/9/2022	227	OK	OK			7	OK			
6/10/2022	184	OK	OK			43	OK			
6/11/2022	210	OK	OK			26	OK			CP24 REPORTING
6/12/2022		OK	OK			210	Failed			
6/13/2022		OK	OK			0	OK			MANDATES OVER GOVERNMENT NO LONGER RELEASING NUMBE

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Test Date	Cases	Low	High	Outliers	Comments	Range	Limit	Outliers	notes	Comments / CAP
Sum	271380					414		126		2.93 mil = pop
Mean	503.49					38.42		271.08		percent of population infected
Standard Deviation	595.96					33.68		183.01		9.26
Kurtosis	11.30	not normal						5.35	not normal	
Skew	2.85	not normal						2.26	not normal	
CP	1.1									
CPK	0.6									
	Bin									
Upper Control Limit	3483.27									
	2887.31									
	2291.36									
	1695.40									
	1099.44									
	503.49									
	-92.47									
	-688.42	flu, not covid								
	-1284.38									
Lower Control Limit	-1880.34									

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