

## PEEL COVID CASES

Test Date	cases	Low	High	Outliers	Comments	Range	Limit	Outliers	notes	Comments / CAP
20-Dec	468	OK	OK							
21-Dec	480	OK	OK			12	OK			first vaccine Pfizer dec 14
22-Dec	504	OK	OK			24	OK			
23-Dec	448	OK	OK			56	OK			Moderna approved; Province shut down
24-Dec	502	OK	OK			54	OK			
25-Dec	385	OK	OK				Fail	117	dropped	Christmas day C: Vaccine A: N/A P: N/A
26-Dec	344	OK	OK			41	OK			
27-Dec	331	OK	OK			13	OK			
28-Dec	475	OK	OK				Fail	144	increase	C: Christmas A: shut down P: vaccine
29-Dec	496	OK	OK			21	OK			
30-Dec	441	OK	OK			55	OK			
31-Dec	431	OK	OK			10	OK			new years eve
1-Jan	480	OK	OK			49	OK			new years day
2-Jan	713	OK	OK				Fail	233	increase	C: Christmas A: shut down P: vaccine
3-Jan	346	OK	OK				Fail	367	dropped	C: Vaccine A: N/A P: N/A
4-Jan	581	OK	OK				Fail	235	increase	C: Christmas A: shut down P: vaccine
5-Jan	614	OK	OK			33	OK			
6-Jan	523	OK	OK				Fail	91	dropped	C: Vaccine A: N/A P: N/A
7-Jan	568	OK	OK			45	OK			
8-Jan	691	OK	OK				Fail	123	increase	C: New Years Day A: shut down P: vaccine
9-Jan	548	OK	OK				Fail	143	dropped	C: Vaccine A: N/A P: N/A
10-Jan	641	OK	OK				Fail	93	increase	C: New Years Day A: shut down P: vaccine
11-Jan	531	OK	OK				Fail	110	dropped	C: Vaccine A: N/A P: N/A
12-Jan	545	OK	OK			14	OK			
13-Jan	536	OK	OK			9	OK			
14-Jan	572	OK	OK			36	OK			
15-Jan	618	OK	OK			46	OK			
16-Jan	639	OK	OK			21	OK			
17-Jan	585	OK	OK			54	OK			
18-Jan	507	OK	OK				Fail	78	dropped	C: Vaccine A: N/A P: N/A
19-Jan	346	OK	OK				Fail	161	dropped	C: Vaccine A: N/A P: N/A
20-Jan	473	OK	OK				Fail	127	increase	
21-Jan	412	OK	OK			61	OK			
22-Jan	542	OK	OK				Fail	130	increase	
23-Jan	422	OK	OK				Fail	120	dropped	C: Vaccine A: N/A P: N/A
24-Jan	404	OK	OK			18	OK			
25-Jan	365	OK	OK			39	OK			
26-Jan	320	OK	OK			45	OK			
27-Jan	342	OK	OK			22	OK			
28-Jan	331	OK	OK			11	OK			

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29-Jan	295	OK	OK			36	OK			
30-Jan	379	OK	OK				Fail	84	increase	
31-Jan	206	OK	OK				Fail	173	dropped	C: Vaccine A: N/A P: N/A
1-Feb	330	OK	OK				Fail	124	increase	
2-Feb	334	OK	OK	4		4	OK			
3-Feb	199	OK	OK				Fail	135	dropped	C: Vaccine A: N/A P: N/A
4-Feb	265	OK	OK	66		66	OK			
5-Feb	317	OK	OK	52		52	OK			
6-Feb	288	OK	OK	29		29	OK			
7-Feb	261	OK	OK	27		27	OK			
8-Feb	256	OK	OK	5		5	OK			
9-Feb	250	OK	OK	6		6	OK			
10-Feb	196	OK	OK	54		54	OK			
11-Feb	258	OK	OK	62		62	OK			
12-Feb	210	OK	OK	48		48	OK			
13-Feb	253	OK	OK	43		43	OK			
14-Feb	209	OK	OK	44		44	OK			
15-Feb	201	OK	OK	8		8	OK			family day long weekend
16-Feb	154	OK	OK	47		47	OK			
17-Feb	170	OK	OK	16		16	OK			
18-Feb	142	OK	OK	28		28	OK			
19-Feb	264	OK	OK	Fail		Fail	122	increase		C: Family Day A: Shut down P: Vaccine
20-Feb	228	OK	OK	36		36	OK			
21-Feb	156	OK	OK	Fail		Fail	72	Dropped		C: Vaccine A: N/A P: N/A
22-Feb	215	OK	OK	59		59	OK			
23-Feb	186	OK	OK	29		29	OK			
24-Feb	186	OK	OK	0		0	OK			
25-Feb	204	OK	OK	18		18	OK			
26-Feb	274	OK	OK	70		70	Fail			Astra Zenica vaccine approved
27-Feb	220	OK	OK	54		54	OK			
28-Feb	201	OK	OK	19		19	OK			
1-Mar	182	OK	OK	19		19	OK			
2-Mar	223	OK	OK	41		41	OK			
3-Mar	92	OK	OK	Fail		Fail	131	Dropped		C: Vaccine A: N/A P: N/A
4-Mar	64	OK	OK	28		28	OK			
5-Mar	167	OK	OK	Fail		Fail	103	increase		
6-Mar	173	OK	OK	6		6	OK			
7-Mar	192	OK	OK	19		19	OK			
8-Mar	322	OK	OK	Fail		Fail	130	dropped		C: Vaccine A: N/A P: N/A
9-Mar	235	OK	OK	Fail		Fail	87	dropped		C: Vaccine A: N/A P: N/A
10-Mar	244	OK	OK	9		9	OK			

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11-Mar	199	OK	OK			45	OK			
12-Mar	225	OK	OK			26	OK			
13-Mar	225	OK	OK			0	OK			
14-Mar	352	OK	OK				Fail	127	increase	
15-Mar	220	OK	OK				Fail	132	dropped	C: Vaccine A: N/A P: N/A
16-Mar	199	OK	OK			21	OK			
17-Mar	253	OK	OK			54	OK			
18-Mar	294	OK	OK			41	OK			
19-Mar	344	OK	OK			50	OK			
20-Mar	287	OK	OK			57	OK			
21-Mar	350	OK	OK			63	OK			
22-Mar	318	OK	OK			32	OK			
23-Mar	329	OK	OK			11	OK			
24-Mar	309	OK	OK			20	OK			
25-Mar	294	OK	OK			15	OK			
26-Mar	397	OK	OK				Fail	103	dropped	C: Vaccine A: N/A P: N/A
27-Mar	411	OK	OK			14	OK			
28-Mar	356	OK	OK			55	OK			
29-Mar	368	OK	OK			12	OK			
30-Mar	434	OK	OK			66	OK			
31-Mar	433	OK	OK			1	OK			
1-Apr	484	OK	OK			51	OK			shut down starts
2-Apr	539	OK	OK			55	OK			Good Friday - long weekend
3-Apr	434	OK	OK				Fail	105	Dropped	Long weekend C: Vaccine A: N/A P: N/A
4-Apr	644	OK	OK				Fail	210	increase	Easter Sunday
5-Apr	533	OK	OK				Fail	111	Dropped	C: Vaccine A: N/A P: N/A
6-Apr	561	OK	OK			28	OK			
7-Apr	596	OK	OK			35	OK			
8-Apr	647	OK	OK			51	OK			
9-Apr	762	OK	OK				Fail	115	increase	C: Easter Dinner A: Shut down P: Vaccine
10-Apr	669	OK	OK				Fail	93	dropped	C: Vaccine A: N/A P: N/A
11-Apr	860	OK	OK				Fail	191	dropped	shut down extended C: Vaccine A: N/A P: N/A
12-Apr	772	OK	OK				Fail	88	dropped	2021 ramadan starts; C: Vaccine A: N/A P: N/A
13-Apr	613	OK	OK				Fail	159	dropped	C: Vaccine A: N/A P: N/A
14-Apr	593	OK	OK			20	OK			
15-Apr		OK	Fail	983	increase		Fail	390	increase	C: Ramadan A: shut down P: vaccine
16-Apr	851	OK	OK				Fail	132	Dropped	C: Vaccine A: N/A P: N/A
17-Apr	936	OK	OK				Fail	85	increase	C: Ramadan A: shut down P: vaccine
18-Apr	714	OK	OK				Fail	222	dropped	
19-Apr	926	OK	OK				Fail	212	increase	C: Ramadan A: shut down P: vaccine
20-Apr	775	OK	OK				Fail	151	dropped	vaccine 40+

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21-Apr	771	OK	OK			4	OK			
22-Apr	507	OK	OK				Fail	264	increase	C: Ramadon A: shut down P: vaccine
23-Apr		OK	Fail	1232	apex		Fail	725	increase	C: Easter Dinner Ramadam A: Shut down P: Vaccine
24-Apr		OK	Fail	1014	dropped		Fail	218	dropped	C: Vaccine A: N/A P: N/A
25-Apr	901	OK	OK				Fail	113	dropped	C: Vaccine A: N/A P: N/A
26-Apr	909	OK	OK			8	OK			
27-Apr	673	OK	OK				Fail	236	dropped	C: Vaccine A: N/A P: N/A
28-Apr	589	OK	OK				Fail	84	dropped	C: Vaccine A: N/A P: N/A
29-Apr	901	OK	OK				Fail	312	increase	C: Ramadon A: shut down P: vaccine
30-Apr	871	OK	OK			30	OK			
1-May	819	OK	OK			52	OK			
2-May	797	OK	OK			22	OK			
3-May	714	OK	OK				Fail	83	dropped	vaccine 18+ hot zones; C:Vaccine A:N/A P:N/A
4-May	653	OK	OK			61	OK			
5-May	565	OK	OK				Fail	88	dropped	C: Vaccine A: N/A P: N/A
6-May	900	OK	OK				Fail	335	increase	C: Ramadon A: shut down P: vaccine
7-May	817	OK	OK				Fail	83	dropped	C: Vaccine A: N/A P: N/A
8-May	803	OK	OK			14	OK			
9-May	752	OK	OK			51	OK			
10-May	707	OK	OK			45	OK			
11-May	389	OK	OK				Fail	318	dropped	C: Vaccine A: N/A P: N/A
12-May	452	OK	OK			63	OK			2021 ramadan ends
13-May	602	OK	OK				Fail	150	increase	C: Ramadon A: shut down P: vaccine
14-May	563	OK	OK			39	OK			
15-May	584	OK	OK			21	OK			
16-May	547	OK	OK			37	OK			36 hour vaccine clinic peel
17-May	556	OK	OK			9	OK			
18-May	336	OK	OK				Fail	220	dropped	C: Vaccine A: N/A P: N/A
19-May	335	OK	OK			1	OK			
20-May	528	OK	OK				Fail	193	increase	C: Ramadam A: shut down P: vaccine
21-May	468	OK	OK			60	OK			outdoor reopening May 22nd
22-May	355	OK	OK				Fail	113	dropped	C: Vaccine A: N/A P: N/A
23-May	326	OK	OK			29	OK			
24-May	393	OK	OK			67	OK			Victoria Day - Long weekend
25-May	231	OK	OK				Fail	162	dropped	C: Vaccine A: N/A P: N/A
26-May	215	OK	OK			16	OK			
27-May	271	OK	OK			56	OK			
28-May	268	OK	OK			3	OK			
29-May	178	OK	OK				Fail	90	dropped	C: Vaccine A: N/A P: N/A
30-May	214	OK	OK			36	OK			
31-May	165	OK	OK			49	OK			

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1-Jun	144	OK	OK			21	OK			
2-Jun	134	OK	OK			10	OK			
3-Jun	167	OK	OK			33	OK			
4-Jun	169	OK	OK			2	OK			
5-Jun	123	OK	OK			46	OK			
6-Jun	112	OK	OK			11	OK			
7-Jun	95	OK	OK			17	OK			
8-Jun	76	OK	OK			19	OK			
9-Jun	72	OK	OK			4	OK			
10-Jun	130	OK	OK			58	OK			
11-Jun	84	OK	OK			46	OK			stage 1 reopening
12-Jun	71	OK	OK			13	OK			
13-Jun	81	OK	OK			10	OK			
14-Jun	61	OK	OK			20	OK			
15-Jun	62	OK	OK			1	OK			
16-Jun	60	OK	OK			2	OK			
17-Jun	47	OK	OK			13	OK			
18-Jun	50	OK	OK			3	OK			
19-Jun	45	OK	OK			5	OK			
20-Jun	49	OK	OK			4	OK			
21-Jun	42	OK	OK			7	OK			
22-Jun	20	OK	OK			22	OK			
23-Jun	25	OK	OK			5	OK			
24-Jun	20	OK	OK			5	OK			
25-Jun	38	OK	OK			18	OK			
26-Jun	34	OK	OK			4	OK			
27-Jun	26	OK	OK			8	OK			
28-Jun	15	OK	OK			11	OK			
29-Jun	20	OK	OK			5	OK			
30-Jun	16	OK	OK			4	OK			Stage 2 starts
1-Jul	26	OK	OK			10	OK			Canada Day long week end
2-Jul	15	OK	OK			11	OK			
3-Jul	12	OK	OK			3	OK			
4-Jul	17	OK	OK			5	OK			
5-Jul	8	OK	OK			9	OK			
6-Jul	26	OK	OK			18	OK			
7-Jul	26	OK	OK			0	OK			
8-Jul	23	OK	OK			3	OK			
9-Jul	24	OK	OK			1	OK			
10-Jul	21	OK	OK			3	OK			
11-Jul	18	OK	OK			3	OK			

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12-Jul	9	OK	OK			9	OK			
13-Jul	13	OK	OK			4	OK			
14-Jul	19	OK	OK			6	OK			
15-Jul	7	OK	OK			12	OK			
16-Jul	12	OK	OK			5	OK			stage 3 starts; Ontario partial opening
17-Jul	20	OK	OK			8	OK			
18-Jul	12	OK	OK			8	OK			
19-Jul	17	OK	OK			5	OK			
20-Jul	10	OK	OK			7	OK			
21-Jul	16	OK	OK			6	OK			
22-Jul	13	OK	OK			3	OK			
23-Jul	25	OK	OK			12	OK			
24-Jul	26	OK	OK			1	OK			
25-Jul	23	OK	OK			3	OK			
26-Jul	13	OK	OK			10	OK			
27-Jul	22	OK	OK			9	OK			
28-Jul	10	OK	OK			12	OK			
29-Jul	38	OK	OK			28	OK			
30-Jul	24	OK	OK			14	OK			
31-Jul	26	OK	OK			2	OK			
1-Aug	33	OK	OK			7	OK			
2-Aug	19	OK	OK			14	OK			civic day long weekend
3-Aug	22	OK	OK			3	OK			
4-Aug	18	OK	OK			4	OK			
5-Aug	31	OK	OK			13	OK			
6-Aug	36	OK	OK			5	OK			
7-Aug	38	OK	OK			2	OK			
8-Aug	51	OK	OK			13	OK			
9-Aug	47	OK	OK			4	OK			
10-Aug	31	OK	OK			16	OK			
11-Aug	30	OK	OK			1	OK			
12-Aug	64	OK	OK			34	OK			
13-Aug	61	OK	OK			3	OK			
14-Aug	67	OK	OK			6	OK			
15-Aug	69	OK	OK			2	OK			
16-Aug	83	OK	OK			14	OK			
17-Aug	45	OK	OK			38	OK			
18-Aug	59	OK	OK			14	OK			
19-Aug	63	OK	OK			4	OK			
20-Aug	113	OK	OK			50	OK			
21-Aug	94	OK	OK			19	OK			

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22-Aug	63	OK	OK			31	OK			
23-Aug	97	OK	OK			34	OK			
24-Aug	82	OK	OK			15	OK			
25-Aug	52	OK	OK			30	OK			
26-Aug	102	OK	OK			50	OK			
27-Aug	96	OK	OK			6	OK			
28-Aug	114	OK	OK			18	OK			
29-Aug	63	OK	OK			51	OK			
30-Aug	104	OK	OK			41	OK			
31-Aug	60	OK	OK			44	OK			
1-Sep	59	OK	OK			1	OK			
2-Sep	104	OK	OK			45	OK			
3-Sep	136	OK	OK			32	OK			
4-Sep	118	OK	OK			18	OK			
5-Sep	100	OK	OK			18	OK			
6-Sep	87	OK	OK			13	OK			Labour day holiday long weekend
7-Sep	52	OK	OK			35	OK			
8-Sep	46	OK	OK			6	OK			
9-Sep	73	OK	OK			27	OK			
10-Sep	117	OK	OK			44	OK			
11-Sep	100	OK	OK			17	OK			
12-Sep	67	OK	OK			33	OK			
13-Sep	84	OK	OK			17	OK			
14-Sep	67	OK	OK			17	OK			
15-Sep	61	OK	OK			6	OK			
16-Sep	122	OK	OK			61	OK			
17-Sep	77	OK	OK			45	OK			
18-Sep	114	OK	OK			37	OK			
19-Sep	59	OK	OK			55	OK			
20-Sep	100	OK	OK			41	OK			
21-Sep	80	OK	OK			20	OK			
22-Sep	41	OK	OK			39	OK			Vaccine certificate required
23-Sep	76	OK	OK			35	OK			
24-Sep	83	OK	OK			7	OK			
25-Sep	69	OK	OK			14	OK			
26-Sep	55	OK	OK			14	OK			
27-Sep	70	OK	OK			15	OK			
28-Sep	39	OK	OK			31	OK			
29-Sep	33	OK	OK			6	OK			
30-Sep	85	OK	OK			52	OK			
1-Oct	65	OK	OK			20	OK			

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2-Oct	67	OK	OK			2	OK			
3-Oct	85	OK	OK			18	OK			
4-Oct	88	OK	OK			3	OK			
5-Oct	55	OK	OK			33	OK			
6-Oct	39	OK	OK			16	OK			
7-Oct	55	OK	OK			16	OK			
8-Oct	80	OK	OK			25	OK			
9-Oct	80	OK	OK			0	OK			
10-Oct	45	OK	OK			35	OK			
11-Oct	71	OK	OK			26	OK			Thanksgiving day holiday long weekend
12-Oct	62	OK	OK			9	OK			
13-Oct	18	OK	OK			44	OK			
14-Oct	43	OK	OK			25	OK			
15-Oct	60	OK	OK			17	OK			
16-Oct	60	OK	OK			0	OK			
17-Oct	80	OK	OK			20	OK			
18-Oct	71	OK	OK			9	OK			
19-Oct	60	OK	OK			11	OK			
20-Oct	13	OK	OK			47	OK			
21-Oct	54	OK	OK			41	OK			
22-Oct	59	OK	OK			5	OK			
23-Oct	45	OK	OK			14	OK			
24-Oct	42	OK	OK			3	OK			
25-Oct	33	OK	OK			9	OK			Some restrictions lifted
26-Oct	36	OK	OK			3	OK			
27-Oct	16	OK	OK		run fail dropped	20	OK		dropped	C: Vaccine A: N/A P: N/A
28-Oct	45	OK	OK			29	OK			
29-Oct	32	OK	OK			13	OK			
30-Oct	32	OK	OK			0	OK			
31-Oct	26	OK	OK			6	OK			Halloween weekend
1-Nov	47	OK	OK			21	OK			
2-Nov	36	OK	OK			11	OK			
3-Nov	13	OK	OK			23	OK			
4-Nov	26	OK	OK			13	OK			
5-Nov	44	OK	OK			18	OK			
6-Nov	46	OK	OK			2	OK			
7-Nov	41	OK	OK			5	OK			
8-Nov	39	OK	OK			2	OK			
9-Nov	15	OK	OK			24	OK			
10-Nov	33	OK	OK			18	OK			
11-Nov	61	OK	OK			28	OK			Rememberence day



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12-Nov	43	OK	OK			18	OK			
13-Nov	27	OK	OK			16	OK			
14-Nov	42	OK	OK			15	OK			
15-Nov	51	OK	OK			9	OK			
16-Nov	31	OK	OK			20	OK			
17-Nov	26	OK	OK			5	OK			
18-Nov	39	OK	OK			13	OK			
19-Nov	54	OK	OK			15	OK			Diwalil Night
20-Nov	45	OK	OK			9	OK			
21-Nov	43	OK	OK			2	OK			
22-Nov	53	OK	OK			10	OK			kids 5 -11 vaccine approved
23-Nov	35	OK	OK			18	OK			
24-Nov	43	OK	OK			8	OK			
25-Nov	48	OK	OK			5	OK			US Thanksgiving day
26-Nov	54	OK	OK			6	OK			new variant found
27-Nov	47	OK	OK			7	OK			
28-Nov	58	OK	OK			11	OK			
29-Nov	49	OK	OK			9	OK			
30-Nov		OK	OK			49	OK			
1-Dec		OK	OK			0	OK			
2-Dec		OK	OK			0	OK			
3-Dec		OK	OK			0	OK			
4-Dec		OK	OK			0	OK			
5-Dec		OK	OK			0	OK			
6-Dec		OK	OK			0	OK			
7-Dec		OK	OK			0	OK			
8-Dec		OK	OK			0	OK			
9-Dec		OK	OK			0	OK			
10-Dec		OK	OK			0	OK			
11-Dec		OK	OK			0	OK			
12-Dec		OK	OK			0	OK			
13-Dec		OK	OK			0	OK			

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Sum	79578					298		60		1.382 mil = pop
Mean	232.68					21.28		164.10		percent of population infected
Std Dev	240.72							105.16		5.76
Kurtosis	0.27	normal						13.11	not normal	
Skew	1.14	not normal						3.05	not normal	
CP	1.1									
CPK	0.6									
	Bin									
U C L	954.84									
	714.12									
	473.40									
	232.68									
	-8.04									
	-248.76									
L C L	-489.48	flu, not covid								