

## YORK COVID CASES

Test Date	cases	Low	High	Outlier	Comment	Range	Limit	Outliers	Notes	Comments / CAP
20-Dec	326	OK	OK							
21-Dec	192	OK	OK							
22-Dec	218	OK	OK			26	OK			
23-Dec	190	OK	OK			28	OK			
24-Dec	263	OK	OK				Failed	134	dropped	first vaccine pfizer Dec 14
25-Dec	213	OK	OK				Failed	73	increased	
26-Dec	262	OK	OK				Failed	50	dropped	Christmas Day C: Vaccine A: N/A P: N/A
27-Dec	207	OK	OK				Failed	49	increased	Boxing day
28-Dec	158	OK	OK				Failed	55	increased	C: Christmas A: shut down P: vaccine
29-Dec	142	OK	OK				Failed	49	dropped	C: Vaccine A: N/A P: N/A
30-Dec	408	OK	OK			16	OK			
31-Dec	418	OK	OK				Failed	266	increased	C: Christmas A: shut down P: vaccine
1-Jan	300	OK	OK			10	OK			New Years Eve
2-Jan	395	OK	OK				Failed	118	increased	New Years Day - C: Christmas A: shut down P: Vaccine
3-Jan	308	OK	OK				Failed	95	increased	C: Christmas A: shut down P: vaccine
4-Jan	389	OK	OK				Failed	87	dropped	C: Vaccine A: N/A P: N/A
5-Jan	213	OK	OK				Failed	81	increased	C: Christmas A: shut down P: vaccine
6-Jan	349	OK	OK				Failed	176	dropped	C: Vaccine A: N/A P: N/A
7-Jan	457	OK	OK				Failed	136	increased	C: New Years Eve/Day A: shut down P: vaccine
8-Jan	427	OK	OK				Failed	108	increased	C: New Years Eve/Day A: shut down P: vaccine
9-Jan	303	OK	OK			30	OK			
10-Jan	357	OK	OK				Failed	124	dropped	C: Vaccine A: N/A P: N/A
11-Jan	241	OK	OK				Failed	54	increased	C: New Years Eve/Day A: shut down P: vaccine
12-Jan	249	OK	OK				Failed	116	increased	C: New Years Eve/Day A: shut down P: vaccine
13-Jan	219	OK	OK			8	OK			
14-Jan	357	OK	OK			30	OK			
15-Jan	250	OK	OK				Failed	138	increased	C: New Years Eve/Day A: shut down P: vaccine
16-Jan	283	OK	OK				Failed	107	dropped	C: Vaccine A: N/A P: N/A
17-Jan	246	OK	OK			33	OK			
18-Jan	151	OK	OK			37	OK			
19-Jan	235	OK	OK				Failed	95	dropped	C: Vaccine A: N/A P: N/A
20-Jan	226	OK	OK				Failed	84	increased	C: New Years Eve/Day A: shut down P: vaccine
21-Jan	245	OK	OK			9	OK			
22-Jan	228	OK	OK			19	OK			
23-Jan	220	OK	OK			17	OK			
24-Jan	215	OK	OK			8	OK			
25-Jan	157	OK	OK			5	OK			
26-Jan	144	OK	OK				Failed	58	dropped	C: Vaccine A: N/A P: N/A
27-Jan	171	OK	OK			13	OK			
28-Jan	228	OK	OK			27	OK			
29-Jan	170	OK	OK				Failed	57	increased	
30-Jan	178	OK	OK				Failed	58	dropped	C: Vaccine A: N/A P: N/A
31-Jan	168	OK	OK			8	OK			
						10	OK			

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1-Feb	128	OK	OK			40	OK			
2-Feb	124	OK	OK			4	OK			
3-Feb	110	OK	OK			14	OK			
4-Feb	132	OK	OK			22	OK			
5-Feb	125	OK	OK			7	OK			
6-Feb	131	OK	OK			6	OK			
7-Feb	121	OK	OK			10	OK			
8-Feb	130	OK	OK			9	OK			
9-Feb	128	OK	OK			2	OK			
10-Feb	125	OK	OK			3	OK			
11-Feb	116	OK	OK			9	OK			
12-Feb	122	OK	OK			6	OK			
13-Feb	116	OK	OK			6	OK			
14-Feb	171	OK	OK				Failed	55	increased	
15-Feb	93	OK	OK				Failed	78	dropped	Family Day - Long weekend C: Vaccine A: N/A P: N/A
16-Feb	118	OK	OK			25	OK			
17-Feb	131	OK	OK			13	OK			
18-Feb	122	OK	OK			9	OK			
19-Feb	108	OK	OK			14	OK			
20-Feb	132	OK	OK			24	OK			
21-Feb	122	OK	OK			10	OK			
22-Feb	87	OK	OK			35	OK			
23-Feb	89	OK	OK			2	OK			
24-Feb	94	OK	OK			5	OK			
25-Feb	106	OK	OK			12	OK			
26-Feb	104	OK	OK			2	OK			
27-Feb	119	OK	OK			15	OK			
28-Feb	86	OK	OK			33	OK			
1-Mar	47	OK	OK			39	OK			
2-Mar	99	OK	OK				Failed	52	increased	C: Family Day A: shut down P: vaccine
3-Mar	92	OK	OK			7	OK			
4-Mar	171	OK	OK				Failed	79	increased	C: Family Day A: shut down P: vaccine
5-Mar	129	OK	OK				OK	42	dropped	C: Vaccine A: N/A P: N/A
6-Mar	82	OK	OK				Failed	47	dropped	C: Vaccine A: N/A P: N/A
7-Mar	116	OK	OK			34	OK			
8-Mar	119	OK	OK			3	OK			
9-Mar	105	OK	OK			14	OK			
10-Mar	149	OK	OK				Failed	44	increased	
11-Mar	79	OK	OK				Failed	70	dropped	C: Vaccine A: N/A P: N/A
12-Mar	111	OK	OK			32	OK			
13-Mar	168	OK	OK				Failed	57	increased	
14-Mar	163	OK	OK			5	OK			
15-Mar	147	OK	OK			16	OK			
16-Mar	101	OK	OK				Failed	46	dropped	C: Vaccine A: N/A P: N/A

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17-Mar	107	OK	OK			6	OK			
18-Mar	176	OK	OK				Failed	69	increased	
19-Mar	174	OK	OK			2	OK			
20-Mar	157	OK	OK			17	OK			
21-Mar	177	OK	OK			20	OK			
22-Mar	155	OK	OK			22	OK			
23-Mar	161	OK	OK			6	OK			
24-Mar	143	OK	OK			18	OK			
25-Mar	244	OK	OK				Failed	101	increased	
26-Mar	254	OK	OK			10	OK			
27-Mar	263	OK	OK			9	OK			
28-Mar	278	OK	OK			15	OK			
29-Mar	277	OK	OK			1	OK			
30-Mar	229	OK	OK				Failed	48	dropped	C: Vaccine A: N/A P: N/A
31-Mar	222	OK	OK			7	OK			
1-Apr	311	OK	OK				Failed	89	increase	shut down starts
2-Apr	273	OK	OK			38	OK			Good Friday long weekend
3-Apr	348	OK	OK				Failed	75	increase	C: Easter A: shut down P: vaccine
4-Apr	310	OK	OK			38	OK			Easter Sunday
5-Apr	391	OK	OK				Failed	81	increase	C: Easter A: shut down P: vaccine
6-Apr	320	OK	OK				Failed	71	dropped	C: Vaccine A: N/A P: N/A
7-Apr	342	OK	OK			22	OK			
8-Apr	386	OK	OK				Failed	44	increased	C: Easter A: shut down P: vaccine
9-Apr		OK	Failed	532	increased		Failed	146	increase	C: Easter A: shut down P: vaccine
10-Apr	442	OK	OK				Failed	90	dropped	C: Vaccine A: N/A P: N/A
11-Apr	444	OK	OK			2	OK			shut down extended
12-Apr		OK	Failed	564	increased		Failed	120	increase	C: Easter A: shut down P: vaccine
13-Apr		OK	Failed	519			Failed	45	dropped	C: Vaccine A: N/A P: N/A
14-Apr		OK	Failed	476	dropped		Failed	43	dropped	C: Vaccine A: N/A P: N/A
15-Apr		OK	Failed	526	increased		Failed	50	increase	C: Easter A: shut down P: vaccine
16-Apr		OK	Failed	491	dropped	35	OK			Start of Ramadan - month long
17-Apr	430	OK	OK				Failed	61	dropped	C: Vaccine A: N/A P: N/A
18-Apr		OK	Failed	483	increased		Failed	53	increased	C: Ramadan A: shut down P: vaccine
19-Apr		OK	Failed	577	apex		Failed	94	increased	C: Easter Dinner Ramadam A: Shut down P: Vaccine
20-Apr	406	OK	OK				Failed	171	dropped	vaccine 40+ C:Vaccine A:N/A P:N/A
21-Apr	386	OK	OK			20	OK			
22-Apr	436	OK	OK				Failed	50	increased	C: Ramadan A: shut down P: vaccine
23-Apr	412	OK	OK			24	OK			
24-Apr	406	OK	OK			6	OK			section order 22
25-Apr	406	OK	OK			0	OK			
26-Apr	391	OK	OK			15	OK			C: Vaccine A: N/A P: N/A
27-Apr	452	OK	OK				Failed	61	dropped	C: Vaccine A: N/A P: N/A
28-Apr	290	OK	OK				Failed	162	dropped	C: Vaccine A: N/A P: N/A
29-Apr	392	OK	OK				Failed	102	increased	C: Ramadan A: shut down P: vaccine

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30-Apr	267	OK	OK				Failed	125	dropped	C: Ramadan A: shut down P: vaccine
1-May	286	OK	OK			19	OK			
2-May	306	OK	OK			20	OK			
3-May	356	OK	OK				Failed	50	increase	C: Ramadan A: shut down P: vaccine
4-May	275	OK	OK				Failed	81	increase	C: Ramadan A: shut down P: vaccine
5-May	254	OK	OK			21	OK			
6-May	291	OK	OK			37	OK			
7-May	300	OK	OK			9	OK			
8-May	285	OK	OK			15	OK			
9-May	335	OK	OK				Failed	50	dropped	C: Vaccine A: N/A P: N/A
10-May	294	OK	OK			41	OK			
11-May	231	OK	OK				Failed	63	dropped	C: Vaccine A: N/A P: N/A
12-May	157	OK	OK				Failed	74	dropped	C: Vaccine A: N/A P: N/A
13-May	258	OK	OK				Failed	101	increased	C: Ramadan A: shut down P: vaccine
14-May	224	OK	OK			34	OK			
15-May	252	OK	OK			28	OK			
16-May	172	OK	OK				Failed	80	dropped	C: End of Ramadan A: shut down P: vaccine
17-May	215	OK	OK				Failed	43	increased	C: Ramadan A: shut down P: vaccine
18-May	116	OK	OK				Failed	99	dropped	C: Vaccine A: N/A P: N/A
19-May	94	OK	OK			22	OK			
20-May	181	OK	OK				Failed	87	increased	shut down ends C:Ramadam A: N/A P: Vaccine
21-May	165	OK	OK			16	OK			
22-May	140	OK	OK			25	OK			
23-May	173	OK	OK			33	OK			
24-May	97	OK	OK				Failed	76	dropped	Victoria Day Weekend long weekend; C:Vaccine A:N/A P:N/A
25-May	77	OK	OK			20	OK			
26-May	101	OK	OK			24	OK			
27-May	75	OK	OK			26	OK			
28-May	56	OK	OK			19	OK			
29-May	82	OK	OK			26	OK			
30-May	80	OK	OK			2	OK			
31-May	85	OK	OK			5	OK			
1-Jun	52	OK	OK			33	OK			
2-Jun	69	OK	OK			17	OK			
3-Jun	28	OK	OK			41	OK			
4-Jun	31	OK	OK			3	OK			
5-Jun	48	OK	OK			17	OK			
6-Jun	47	OK	OK			1	OK			
7-Jun	34	OK	OK			13	OK			
8-Jun	0	OK	OK			34	OK			
9-Jun	26	OK	OK			26	OK			
10-Jun	32	OK	OK			6	OK			
11-Jun	28	OK	OK			4	OK			stage 1 of reopening
12-Jun	37	OK	OK			9	OK			

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13-Jun	14	OK	OK			23	OK			
14-Jun	11	OK	OK			3	OK			
15-Jun	15	OK	OK			4	OK			
16-Jun	14	OK	OK			1	OK			
17-Jun	27	OK	OK			13	OK			
18-Jun	22	OK	OK			5	OK			
19-Jun	18	OK	OK			4	OK			
20-Jun	13	OK	OK			5	OK			
21-Jun	22	OK	OK			9	OK			
22-Jun	37	OK	OK			15	OK			
23-Jun	10	OK	OK			27	OK			
24-Jun	14	OK	OK			4	OK			
25-Jun	6	OK	OK			8	OK			
26-Jun	6	OK	OK			0	OK			
27-Jun	12	OK	OK			6	OK			
28-Jun	8	OK	OK			4	OK			
29-Jun	4	OK	OK			4	OK			
30-Jun	5	OK	OK			1	OK			Stage 2 - of reopening
1-Jul	10	OK	OK			5	OK			
2-Jul	9	OK	OK			1	OK			Canada day long weekend
3-Jul	4	OK	OK			5	OK			
4-Jul	4	OK	OK			0	OK			
5-Jul	7	OK	OK			3	OK			
6-Jul	13	OK	OK			6	OK			
7-Jul	3	OK	OK			10	OK			
8-Jul	4	OK	OK			1	OK			
9-Jul	7	OK	OK			3	OK			
10-Jul	8	OK	OK			1	OK			
11-Jul	8	OK	OK			0	OK			
12-Jul	4	OK	OK			4	OK			
13-Jul	1	OK	OK			3	OK			
14-Jul	5	OK	OK			4	OK			
15-Jul	5	OK	OK			0	OK			
16-Jul	0	OK	OK			5	OK			stage 3 starts; Ontario partial opening
17-Jul	11	OK	OK			11	OK			
18-Jul	5	OK	OK			6	OK			
19-Jul	8	OK	OK			3	OK			
20-Jul	14	OK	OK			6	OK			
21-Jul	3	OK	OK			11	OK			
22-Jul	11	OK	OK			8	OK			
23-Jul	18	OK	OK			7	OK			
24-Jul	4	OK	OK			14	OK			
25-Jul	9	OK	OK			5	OK			
26-Jul	8	OK	OK			1	OK			

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27-Jul	6	OK	OK			2	OK			
28-Jul	19	OK	OK			13	OK			
29-Jul	10	OK	OK			9	OK			
30-Jul	13	OK	OK			3	OK			
31-Jul	33	OK	OK			20	OK			
1-Aug	23	OK	OK			10	OK			
2-Aug	16	OK	OK			7	OK			civic day long weekend
3-Aug	23	OK	OK			7	OK			
4-Aug	15	OK	OK			8	OK			
5-Aug	18	OK	OK			3	OK			
6-Aug	41	OK	OK			23	OK			
7-Aug	38	OK	OK			3	OK			
8-Aug	57	OK	OK			19	OK			
9-Aug	29	OK	OK			28	OK			
10-Aug	30	OK	OK			1	OK			
11-Aug	31	OK	OK			1	OK			
12-Aug	70	OK	OK			39	OK			
13-Aug	33	OK	OK			37	OK			
14-Aug	64	OK	OK			31	OK			
15-Aug	64	OK	OK			0	OK			
16-Aug	66	OK	OK			2	OK			
17-Aug	32	OK	OK			34	OK			
18-Aug	22	OK	OK			10	OK			
19-Aug	62	OK	OK			40	OK			
20-Aug	63	OK	OK			1	OK			
21-Aug	86	OK	OK			23	OK			
22-Aug	70	OK	OK			16	OK			
23-Aug	91	OK	OK			21	OK			
24-Aug	45	OK	OK				Failed	46	dropped	C: Vaccine A: N/A P: N/A
25-Aug	93	OK	OK				Failed	48	increased	
26-Aug	97	OK	OK			4	OK			
27-Aug	93	OK	OK			4	OK			
28-Aug	102	OK	OK			9	OK			
29-Aug	63	OK	OK			39	OK			
30-Aug	98	OK	OK			35	OK			
31-Aug	30	OK	OK				Failed	68	dropped	C: Vaccine A: N/A P: N/A
1-Sep	76	OK	OK				Failed	46	increased	
2-Sep	91	OK	OK			15	OK			
3-Sep	85	OK	OK			6	OK			
4-Sep	112	OK	OK			27	OK			
5-Sep	59	OK	OK				Failed	53	dropped	C: Vaccine A: N/A P: N/A
6-Sep	61	OK	OK			2	OK			Labour day holiday long weekend
7-Sep	64	OK	OK			3	OK			
8-Sep	41	OK	OK			23	OK			

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9-Sep	72	OK	OK			31	OK			
10-Sep	77	OK	OK			5	OK			
11-Sep	77	OK	OK			0	OK			
12-Sep	65	OK	OK			12	OK			
13-Sep	67	OK	OK			2	OK			
14-Sep	46	OK	OK			21	OK			
15-Sep	39	OK	OK			7	OK			
16-Sep	78	OK	OK			39	OK			
17-Sep	71	OK	OK			7	OK			
18-Sep	80	OK	OK			9	OK			
19-Sep	68	OK	OK			12	OK			
20-Sep	71	OK	OK			3	OK			
21-Sep	44	OK	OK			27	OK			
22-Sep	30	OK	OK			14	OK			
23-Sep	73	OK	OK				Failed	43	increased	Vaccine certificate required
24-Sep	54	OK	OK			19	OK			
25-Sep	58	OK	OK			4	OK			
26-Sep	41	OK	OK			17	OK			
27-Sep	48	OK	OK			7	OK			
28-Sep	21	OK	OK			27	OK			
29-Sep	35	OK	OK			14	OK			
30-Sep	40	OK	OK			5	OK			
1-Oct	55	OK	OK			15	OK			
2-Oct	46	OK	OK			9	OK			
3-Oct	42	OK	OK			4	OK			
4-Oct	30	OK	OK			12	OK			
5-Oct	29	OK	OK			1	OK			
6-Oct	44	OK	OK			15	OK			
7-Oct	42	OK	OK			2	OK			
8-Oct	41	OK	OK			1	OK			
9-Oct	66	OK	OK			25	OK			
10-Oct	63	OK	OK			3	OK			
11-Oct	36	OK	OK			27	OK			Thanksgiving day holiday long weekend
12-Oct	65	OK	OK			29	OK			
13-Oct	29	OK	OK			36	OK			
14-Oct	18	OK	OK		run failure dropped	11	OK		dropped	C: Vaccine A: N/A P: N/A
15-Oct	28	OK	OK			10	OK			
16-Oct	35	OK	OK			7	OK			
17-Oct	32	OK	OK			3	OK			
18-Oct	18	OK	OK			14	OK			
19-Oct	20	OK	OK			2	OK			
20-Oct	22	OK	OK			2	OK			
21-Oct	29	OK	OK			7	OK			
22-Oct	33	OK	OK			4	OK			

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23-Oct	26	OK	OK			7	OK			
24-Oct	31	OK	OK			5	OK			
25-Oct	31	OK	OK			0	OK			Some restrictions lifted
26-Oct	13	OK	OK			18	OK			
27-Oct	33	OK	OK			20	OK			
28-Oct	25	OK	OK		run failure dropped	8	OK	dropped		C: Vaccine A: N/A P: N/A
29-Oct	30	OK	OK			5	OK			
30-Oct	24	OK	OK			6	OK			
31-Oct	22	OK	OK			2	OK			Halloween weekend
1-Nov	41	OK	OK			19	OK			
2-Nov	44	OK	OK			3	OK			
3-Nov	41	OK	OK			3	OK			
4-Nov	37	OK	OK			4	OK			
5-Nov	55	OK	OK			18	OK			
6-Nov	25	OK	OK			30	OK			
7-Nov	49	OK	OK			24	OK			
8-Nov	39	OK	OK			10	OK			
9-Nov	30	OK	OK			9	OK			
10-Nov	34	OK	OK			4	OK			
11-Nov	62	OK	OK			28	OK			
12-Nov	32	OK	OK			30	OK			Rememberence day
13-Nov	54	OK	OK			22	OK			
14-Nov	41	OK	OK			13	OK			
15-Nov	49	OK	OK			8	OK			
16-Nov	23	OK	OK			26	OK			
17-Nov	24	OK	OK			1	OK			
18-Nov	40	OK	OK			16	OK			
19-Nov	60	OK	OK			20	OK			Diwalil Night
20-Nov	31	OK	OK			29	OK			
21-Nov	26	OK	OK			5	OK			
22-Nov	38	OK	OK			12	OK			kids 5 -11 vaccine approved
23-Nov	47	OK	OK			9	OK			
24-Nov	48	OK	OK			1	OK			
25-Nov	43	OK	OK			5	OK			US Thanksgiving Day
26-Nov	52	OK	OK			9	OK			new variant found
27-Nov	48	OK	OK			4	OK			
28-Nov	60	OK	OK			12	OK			
29-Nov	48	OK	OK			12	OK			
30-Nov		OK	OK			48	Failed			
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			



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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	40257			8		284		74		pop = 1,200,262
Mean	119.46					12.90		81.04		percent of population infected
Standard Deviation	116.60					11.39		39.72		3.35
Kurtosis	0.47	normal						5.56	not normal	
Skew	1.20	not normal						1.93	not normal	
CP	1.1									
CPK	0.6									
	Bin									
Upper Control Limit	469.24									
	352.65									
	236.05									
	119.46									
	2.86									
	-113.73									
Lower Control Limit	-230.33	flu, not covid								