

# Covid-19 Modelling Results, as at 26 April 2020

## CANADA

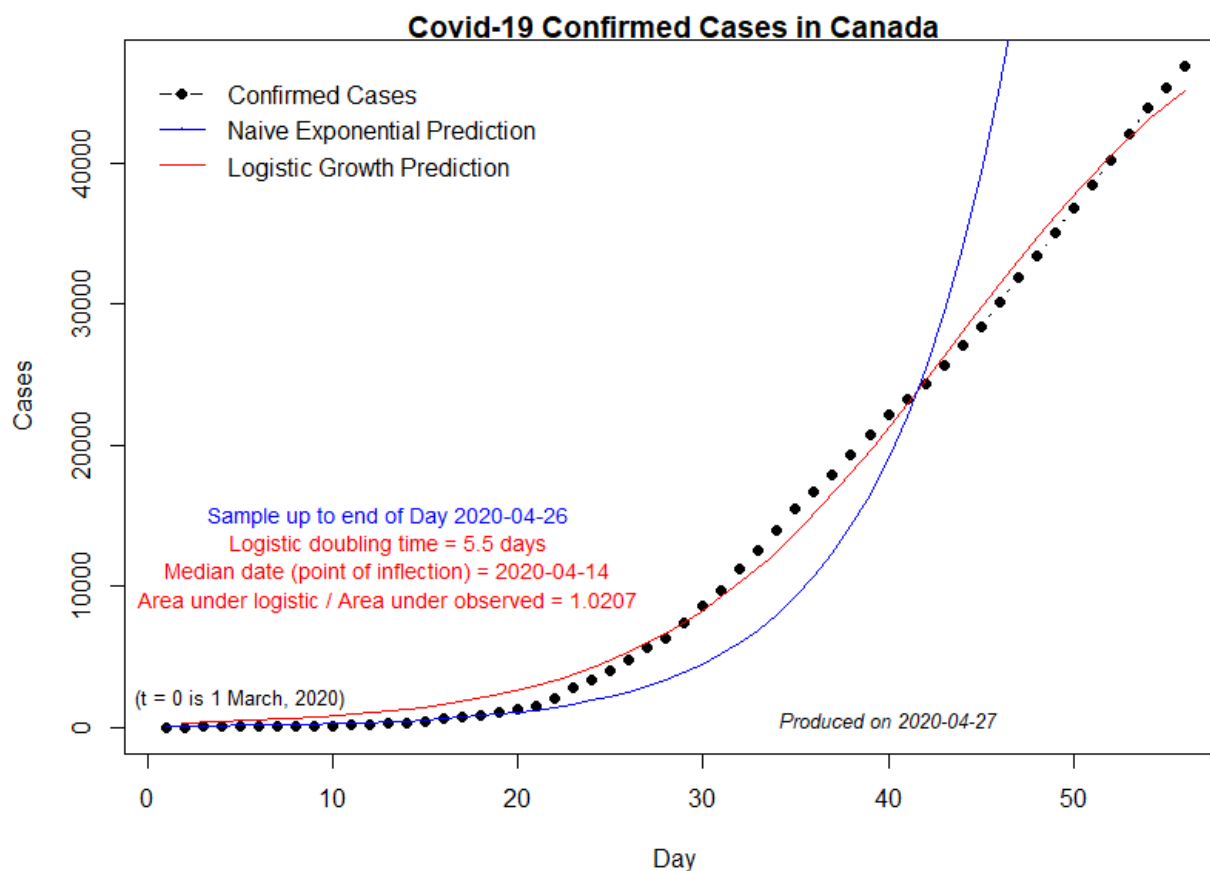
### 1. Total Confirmed Cases

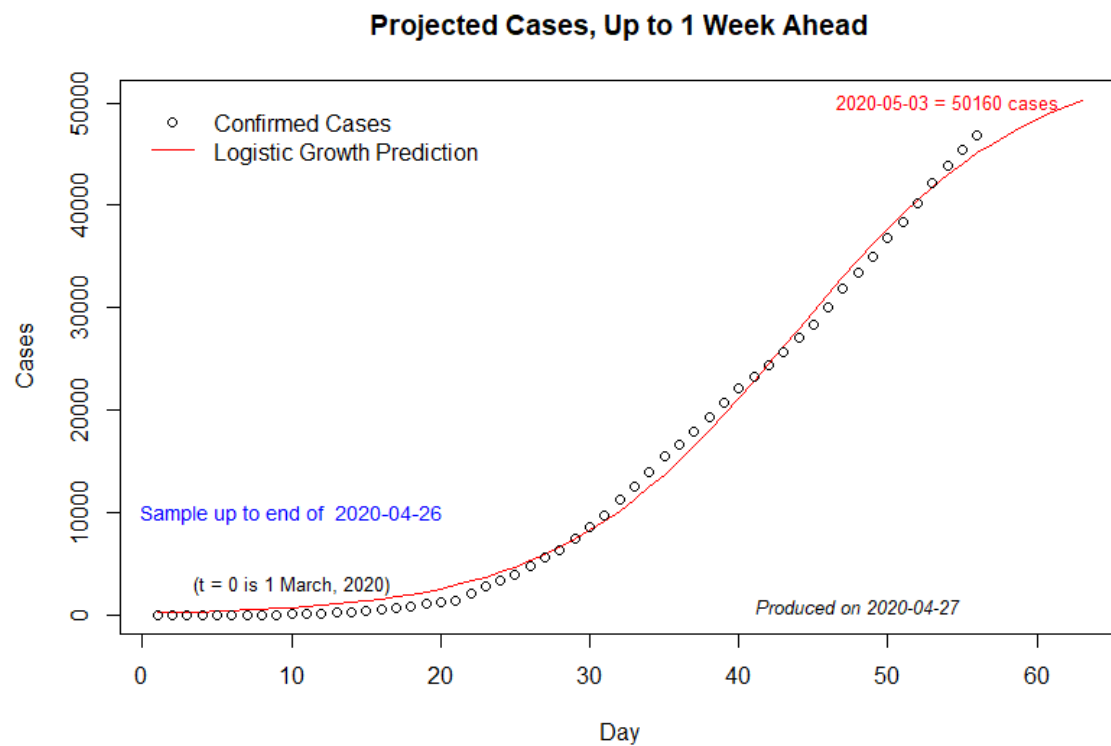
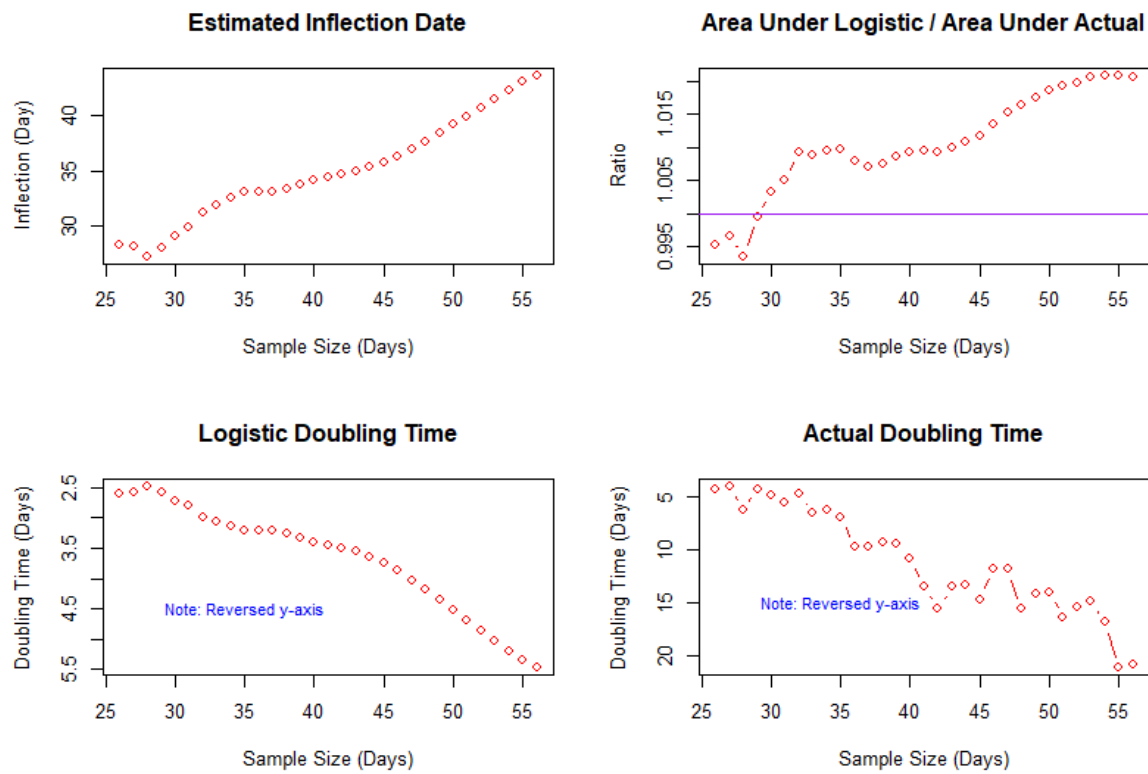
My R code for Covid-19 modelling is at

[https://raw.githubusercontent.com/DaveGiles1949/r-code/master/Canadian\\_Covid-19\\_Cases.R](https://raw.githubusercontent.com/DaveGiles1949/r-code/master/Canadian_Covid-19_Cases.R)

The code will automatically download the latest data from my github account.

The chart below shows results based on *data from 2 March to 26 April inclusive*.





**Table 1: Projected Covid-19 Cases in Canada**  
**(Projections are in Blue; Actual Values are in Brackets)**

**Sample end (projection made): 20 April**

<i>21 Apr</i>	<i>22 Apr</i>	<i>23 Apr</i>	<i>24 Apr</i>	<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>
35811	36536	37181	37753	38258	38702	39091
[38422]	[40190]	[42110]	[43888]	[45354]	[46895]	

**Sample end (projection made): 21 April**

<i>22 Apr</i>	<i>23 Apr</i>	<i>24 Apr</i>	<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>
37447	38196	38867	39464	39994	40463	40877
[40190]	[42110]	[43888]	[45354]	[46895]		

**Sample end (projection made): 22 April**

<i>23 Apr</i>	<i>24 Apr</i>	<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>
39135	39911	40609	41234	41791	42287	42727
[42110]	[43888]	[45354]	[46895]			

**Sample end (projection made): 23 April**

<i>24 Apr</i>	<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>	<i>30 Apr</i>
40911	41720	42452	43110	43701	44229	44699
[43888]	[45354]	[46895]				

**Sample end (projection made): 24 April**

<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>	<i>30 Apr</i>	<i>1 May</i>
42704	43543	44306	44996	45617	46176	4667
[45354]	[46895]					

**Sample end (projection made): 25 April**

<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>	<i>30 Apr</i>	<i>1 May</i>	<i>2 May</i>
44398	45253	46032	46739	47378	47954	48472
[46895]						

**Sample end (projection made): 26 April**

*27 Apr*  
46035

*28 Apr*  
46896

*29 Apr*  
47683

*30 Apr*  
48398

*1 May*  
49046

*2 May*  
49632

*3 May*  
50160

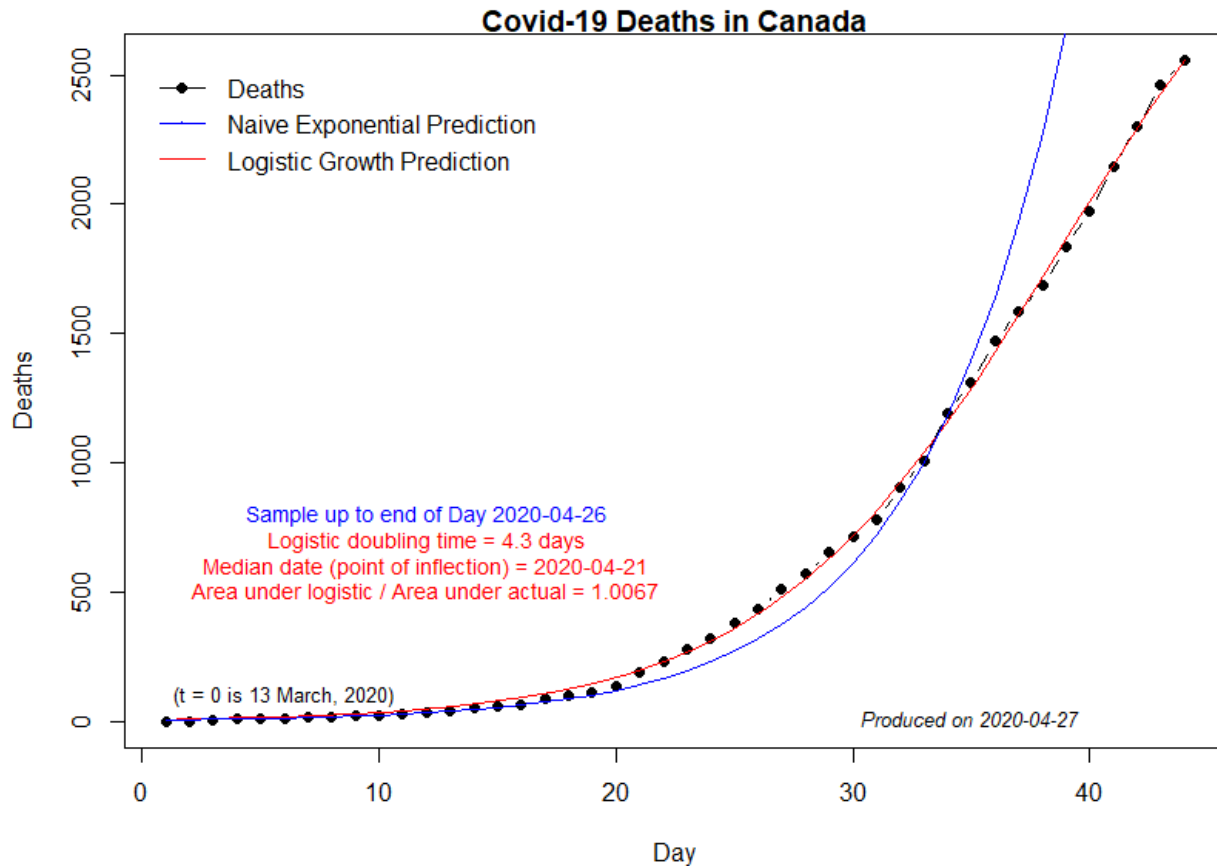
## 2. Total Number of Deaths

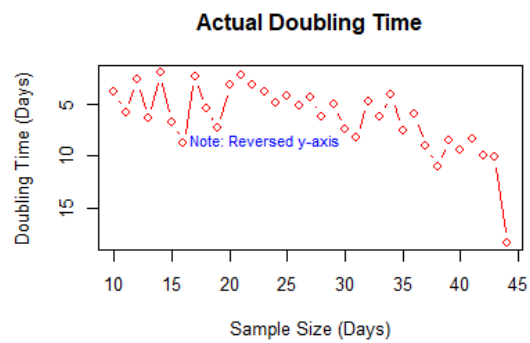
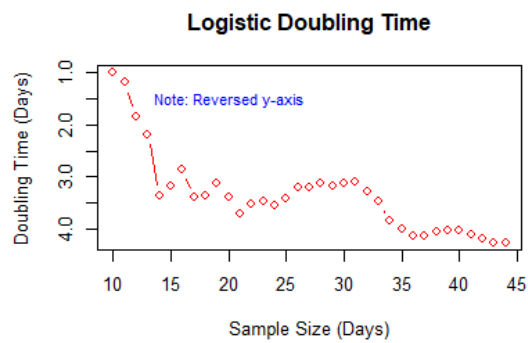
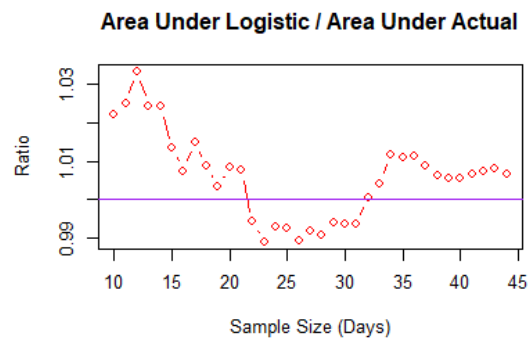
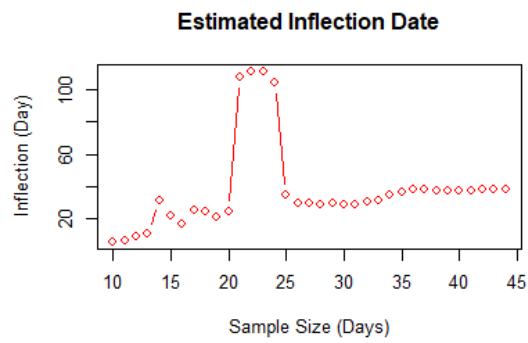
My R code for Covid-19 modelling is at

[https://raw.githubusercontent.com/DaveGiles1949/r-code/master/Canadian\\_Covid-19\\_Deaths.R](https://raw.githubusercontent.com/DaveGiles1949/r-code/master/Canadian_Covid-19_Deaths.R)

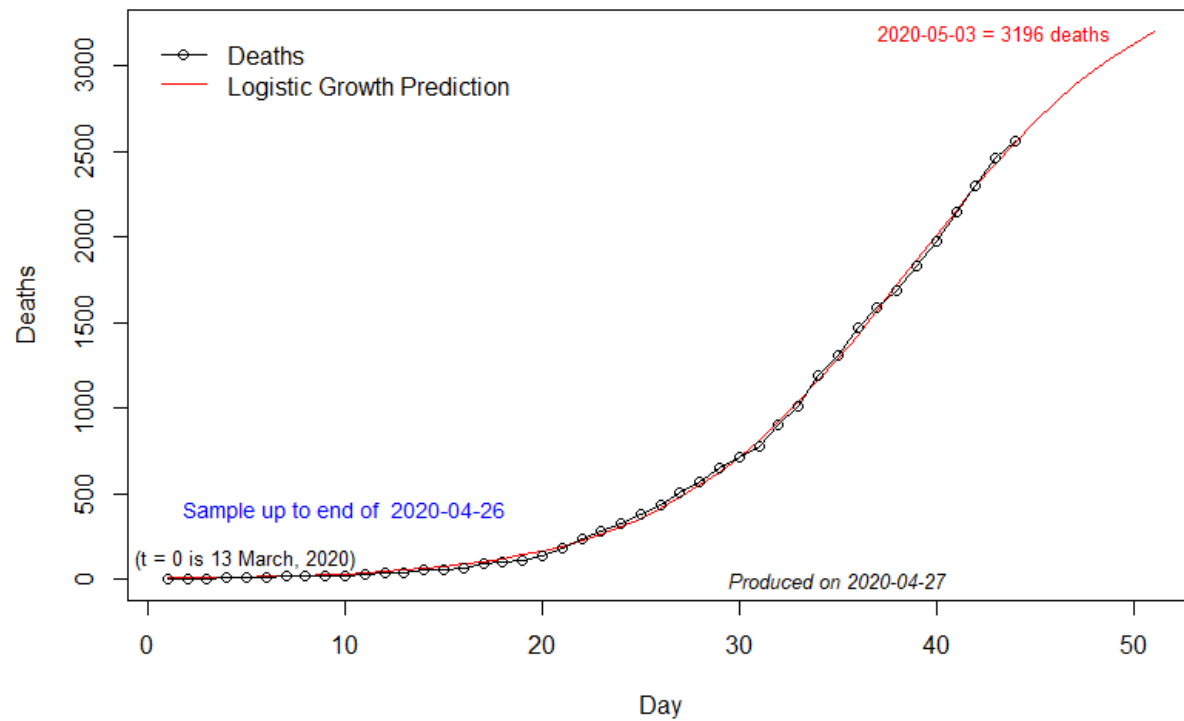
The code will automatically download the latest data from my github account.

The chart below shows results based on *data from 14 March to 26 April inclusive*.





## Projected Deaths, Up to 1 Week Ahead



**Table 2: Projected Covid-19 Deaths in Canada**  
**(Projections are in Red; Actual Values are in Brackets)**

**Sample end (projection made): 20 April**

<i>21 Apr</i>	<i>22 Apr</i>	<i>23 Apr</i>	<i>24 Apr</i>	<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>
1842	1972	2097	2215	2325	2427	2520
[1834]	[1974]	[2146]	[2302]	[2465]	[2560]	

**Sample end (projection made): 21 April**

<i>22 Apr</i>	<i>23 Apr</i>	<i>24 Apr</i>	<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>
1966	2089	2205	2313	2413	2504	2586
[1974]	[2146]	[2302]	[2465]	[2560]		

**Sample end (projection made): 22 April**

<i>23 Apr</i>	<i>24 Apr</i>	<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>
2094	2211	2321	2422	2514	2597	2672
[2146]	[2302]	[2465]	[2560]			

**Sample end (projection made): 23 April**

<i>24 Apr</i>	<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>	<i>30 Apr</i>
2243	2361	2470	2570	2662	2745	2818
[2302]	[2465]	[2560]				

**Sample end (projection made): 24 April**

<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>	<i>30 Apr</i>	<i>1 May</i>
2395	2513	2622	2721	2812	2894	2967
[2465]	[2560]					

**Sample end (projection made): 25 April**

<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>	<i>30 Apr</i>	<i>1 May</i>	<i>2 May</i>
2552	2670	2779	2878	2969	3050	3123
[2560]						

**Sample end (projection made): 26 April**

<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>	<i>30 Apr</i>	<i>1 May</i>	<i>2 May</i>	<i>3 May</i>
2673	2783	2884	2975	3057	3131	3196





## ONTARIO

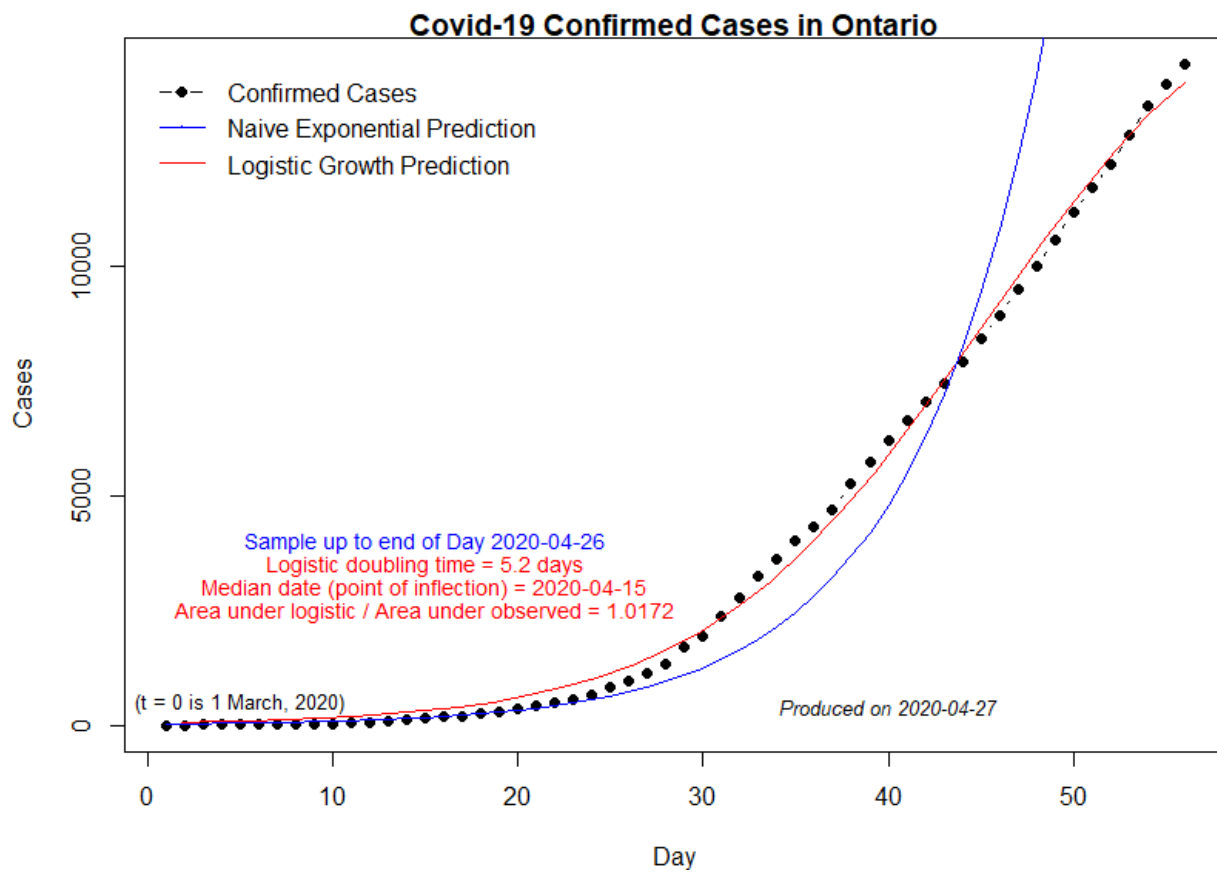
### 1. Total Confirmed Cases

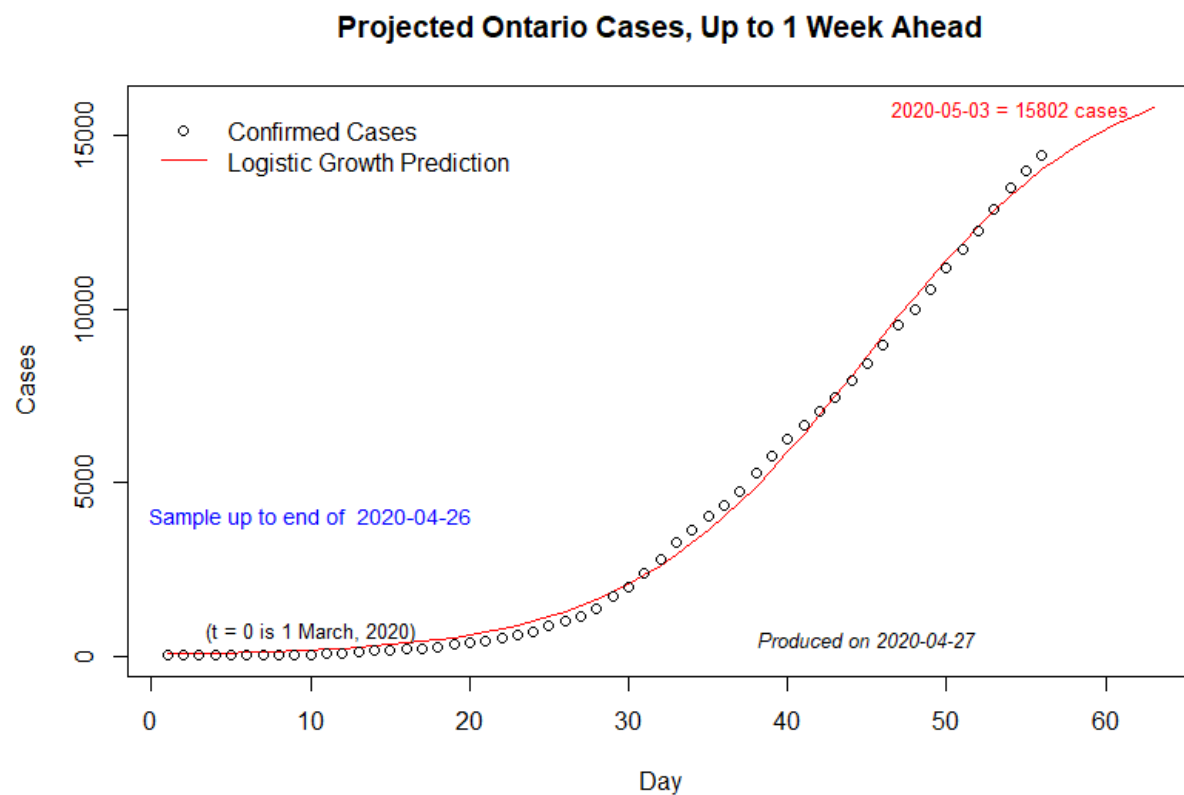
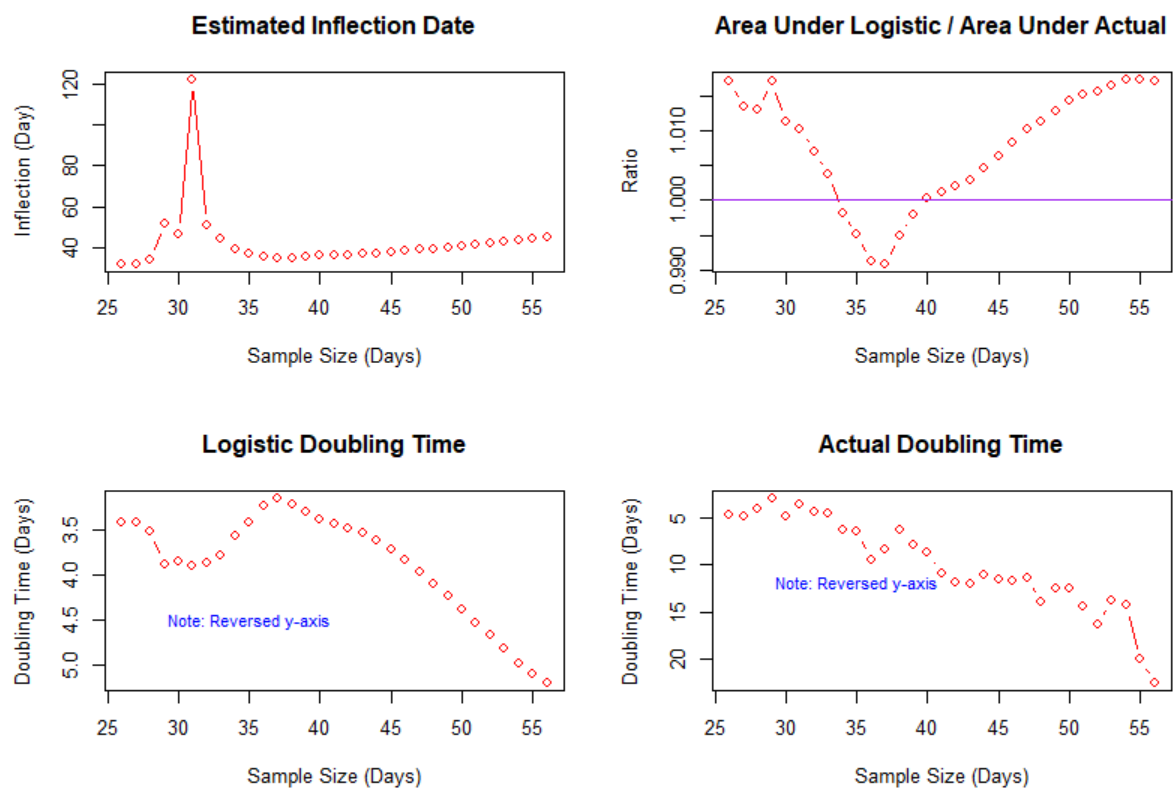
My R code for Covid-19 modelling is at

[https://raw.githubusercontent.com/DaveGiles1949/r-code/master/Ontario\\_Covid-19\\_Cases.R](https://raw.githubusercontent.com/DaveGiles1949/r-code/master/Ontario_Covid-19_Cases.R)

The code will automatically download the latest data from my github account.

The chart below shows results based on *data from 2 March to 26 April inclusive*.





**Table 3: Projected Covid-19 Cases in Ontario**  
**(Projections are in Blue; Actual Values are in Brackets)**

---

<b>Sample end (projection made): 20 April</b>						
<i>21 Apr</i>	<i>22 Apr</i>	<i>23 Apr</i>	<i>24 Apr</i>	<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>
11037	11318	11569	11793	11991	12165	12318
[11735]	[12245]	[12879]	[13519]	[13995]	[14432]	
<b>Sample end (projection made): 21 April</b>						
<i>22 Apr</i>	<i>23 Apr</i>	<i>24 Apr</i>	<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>
11591	11879	12139	12370	12576	12759	12919
[12245]	[12879]	[13519]	[13995]	[14432]		
<b>Sample end (projection made): 22 April</b>						
<i>23 Apr</i>	<i>24 Apr</i>	<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>
12127	12419	12682	12918	13129	13316	13481
[12879]	[13519]	[13995]	[14432]			
<b>Sample end (projection made): 23 April</b>						
<i>24 Apr</i>	<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>	<i>30 Apr</i>
12697	12995	13265	13509	13727	13921	14094
[13519]	[13995]	[14432]				
<b>Sample end (projection made): 24 April</b>						
<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>	<i>30 Apr</i>	<i>1 May</i>
13292	13600	13879	14132	14359	14563	14745
[13995]	[14432]					
<b>Sample end (projection made): 25 April</b>						
<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>	<i>30 Apr</i>	<i>1 May</i>	<i>2 May</i>
13845	14155	14437	14692	14922	15129	15315
[14432]						
<b>Sample end (projection made): 26 April</b>						
<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>	<i>30 Apr</i>	<i>1 May</i>	<i>2 May</i>	<i>3 May</i>
14351	14656	14934	15186	15413	15618	15802

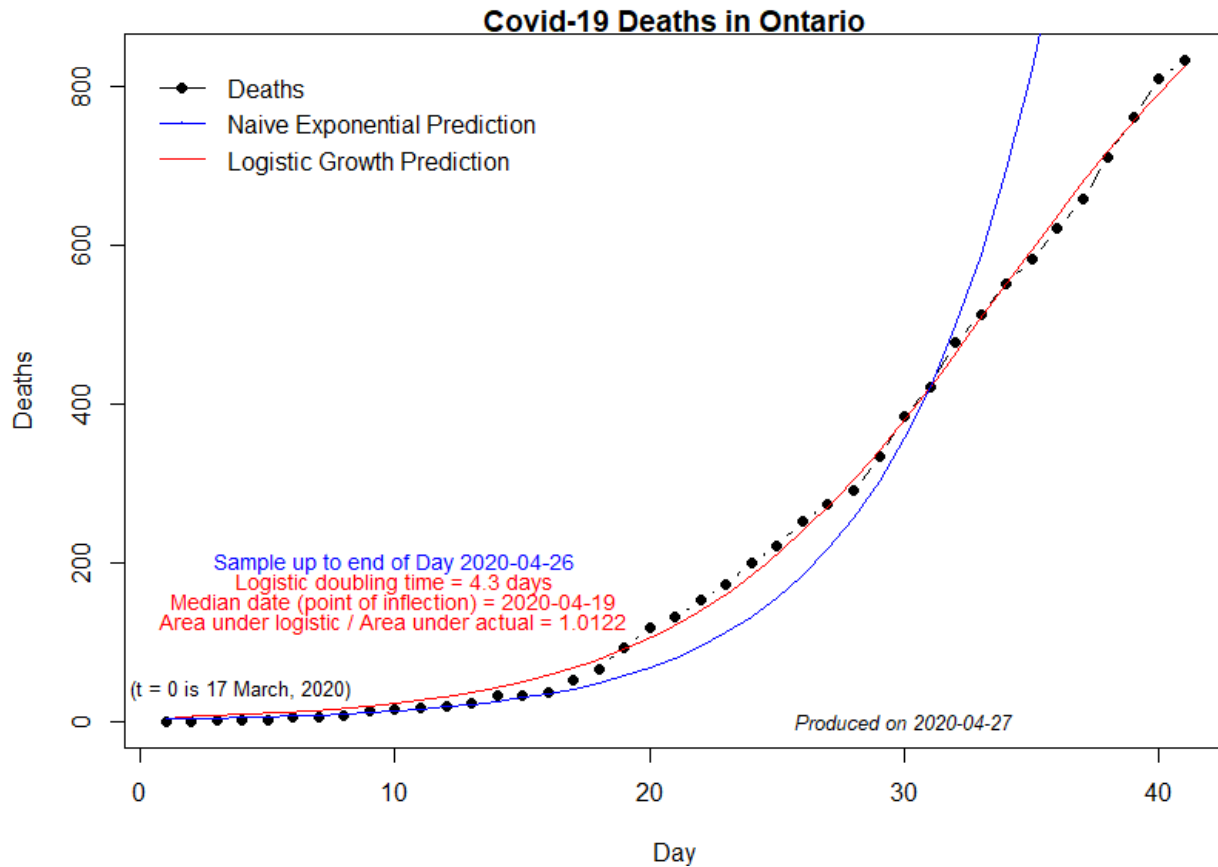
## 2. Total Number of Deaths

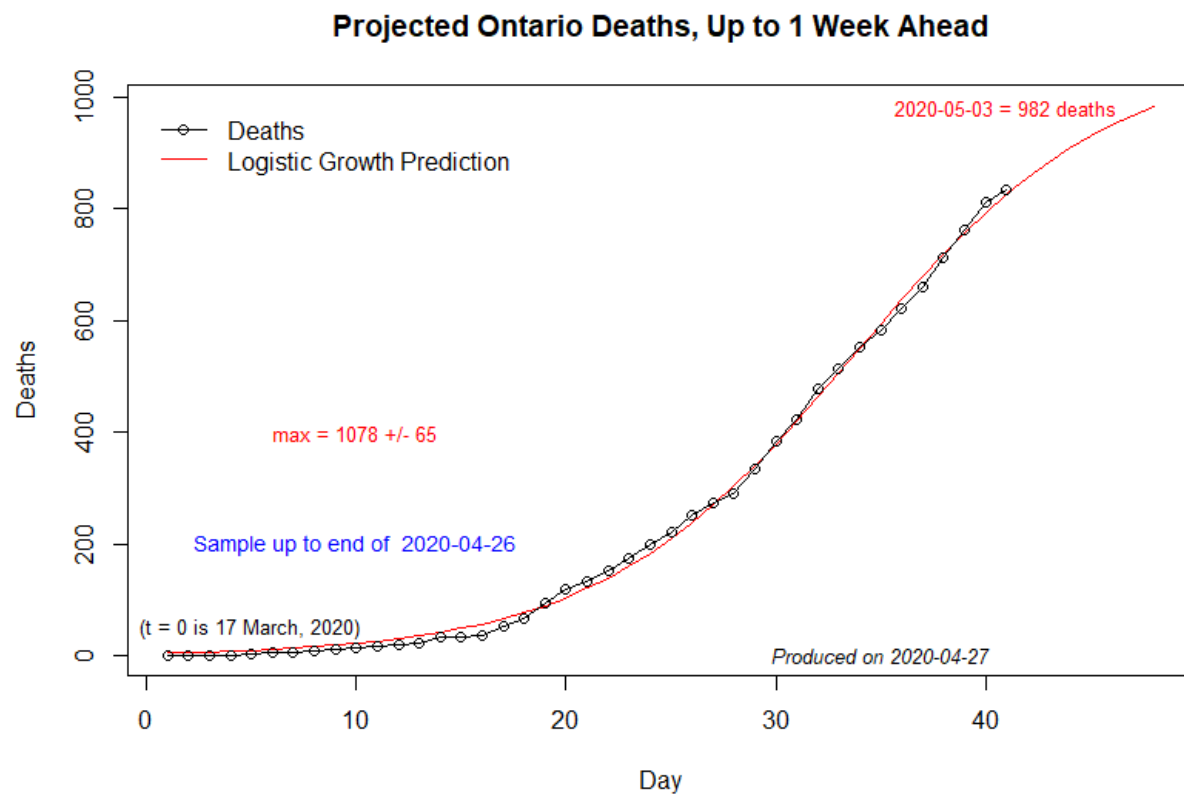
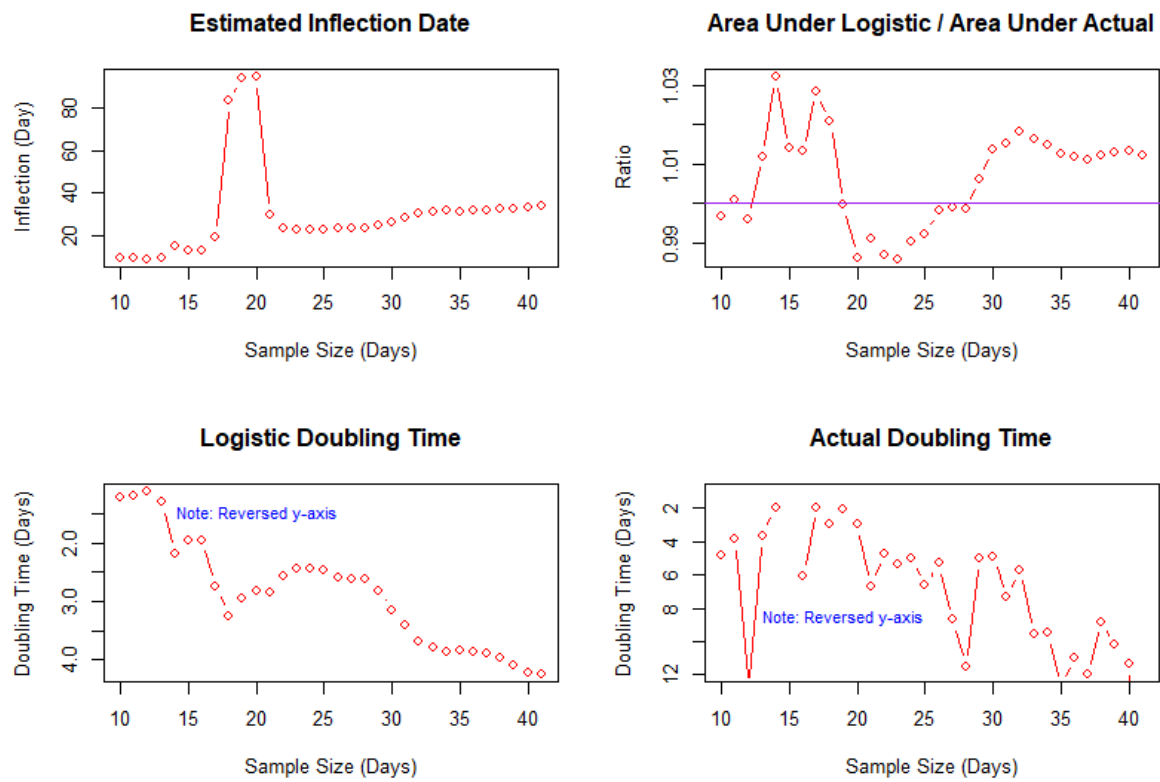
My R code for Covid-19 modelling is at

[https://raw.githubusercontent.com/DaveGiles1949/r-code/master/Ontario\\_Covid-19\\_Deaths.R](https://raw.githubusercontent.com/DaveGiles1949/r-code/master/Ontario_Covid-19_Deaths.R)

The code will automatically download the latest data from my github account.

The chart below shows results based on *data from 17 March to 26 April inclusive*.





**Table 4: Projected Covid-19 Deaths in Ontario**  
**(Projections are in Red; Actual Values are in Brackets)**

**Sample end (projection made): 20 April**

<i>21 Apr</i>	<i>22 Apr</i>	<i>23 Apr</i>	<i>24 Apr</i>	<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>
619	651	681	709	733	755	774
[622]	[659]	[713]	[763]	[811]	[835]	

**Sample end (projection made): 21 April**

<i>22 Apr</i>	<i>23 Apr</i>	<i>24 Apr</i>	<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>
653	683	711	735	758	777	794
[659]	[713]	[763]	[811]	[835]		

**Sample end (projection made): 22 April**

<i>23 Apr</i>	<i>24 Apr</i>	<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>
686	714	740	762	782	800	815
[713]	[763]	[811]	[835]			

**Sample end (projection made): 23 April**

<i>24 Apr</i>	<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>	<i>30 Apr</i>
728	756	781	804	824	841	857
[763]	[811]	[835]				

**Sample end (projection made): 24 April**

<i>25 Apr</i>	<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>	<i>30 Apr</i>	<i>1 May</i>
773	802	828	851	871	889	905
[811]	[835]					

**Sample end (projection made): 25 April**

<i>26 Apr</i>	<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>	<i>30 Apr</i>	<i>1 May</i>	<i>2 May</i>
820	849	875	899	920	938	955
[835]						

**Sample end (projection made): 26 April**

<i>27 Apr</i>	<i>28 Apr</i>	<i>29 Apr</i>	<i>30 Apr</i>	<i>1 May</i>	<i>2 May</i>	<i>3 May</i>
856	883	908	930	949	966	982