

Covid-19 Modelling Results, as at 21 April 2020

CANADA

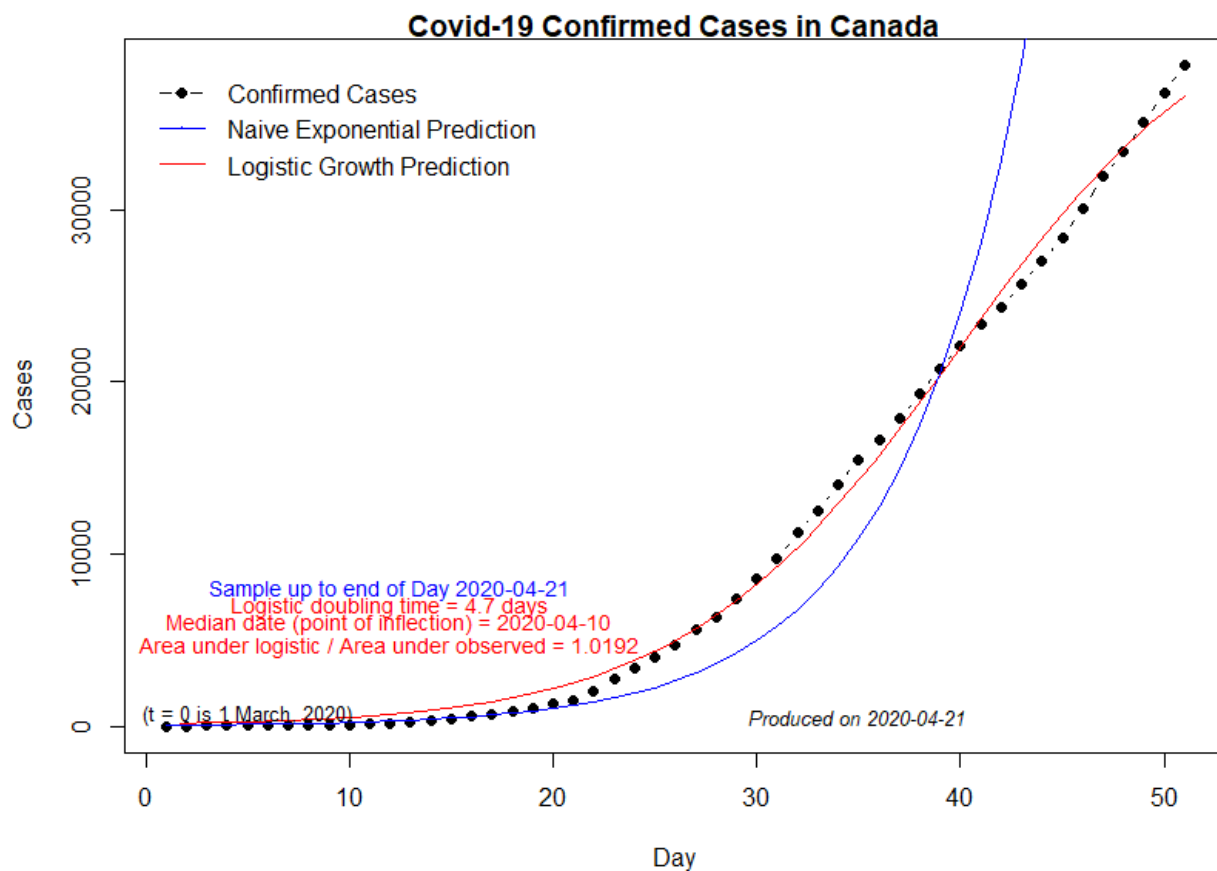
1. Total Confirmed Cases

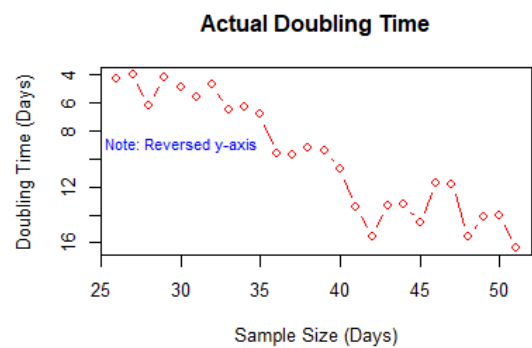
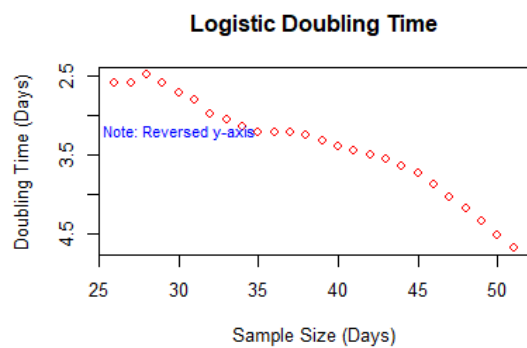
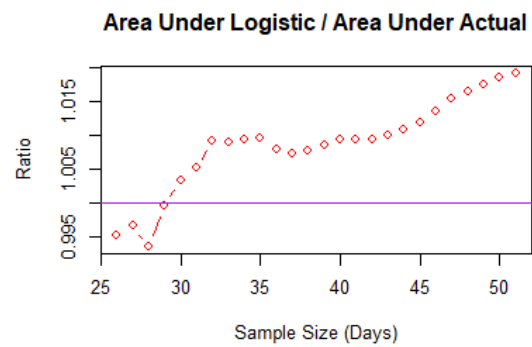
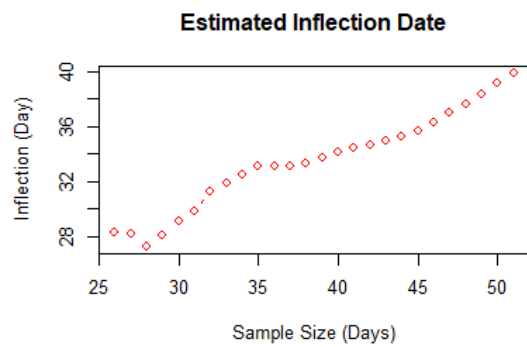
My R code for Covid-19 modelling is at

https://raw.githubusercontent.com/DaveGiles1949/r-code/master/Canadian_Covid-19_Cases.R

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

The chart below shows results based on *data from 2 March to 21 April inclusive*.





Projected Cases, Up to 1 Week Ahead

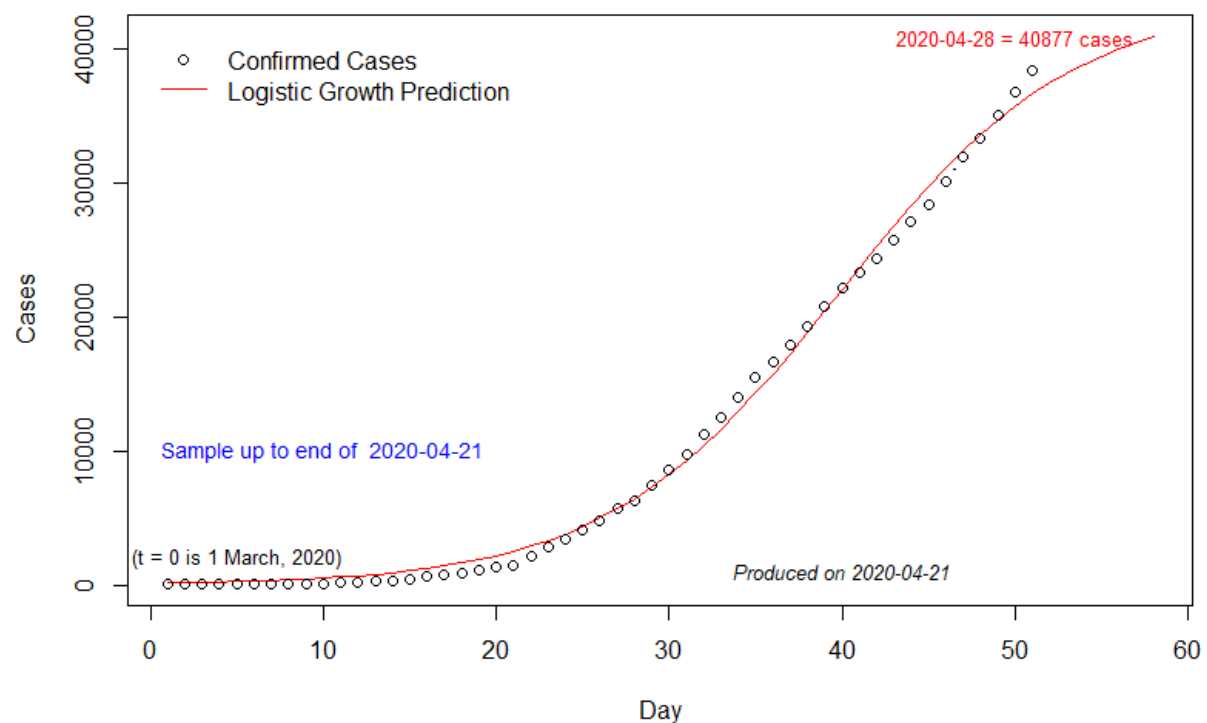


Table 1: Projected Covid-19 Cases in Canada
(Projections are in Blue; Actual Values are in Brackets)

Sample end (projection made): 20 April						
<i>21 Apr</i>	<i>22 Apr</i>	<i>22 Apr</i>	<i>23 Apr</i>	<i>24 Apr</i>	<i>25 Apr</i>	<i>26 Apr</i>
35811 [38422]	36536	37181	37753	38258	38702	39091
Sample end (projection made): 21 April						
<i>22 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>
37447	38196	38867	39464	39994	40463	40877

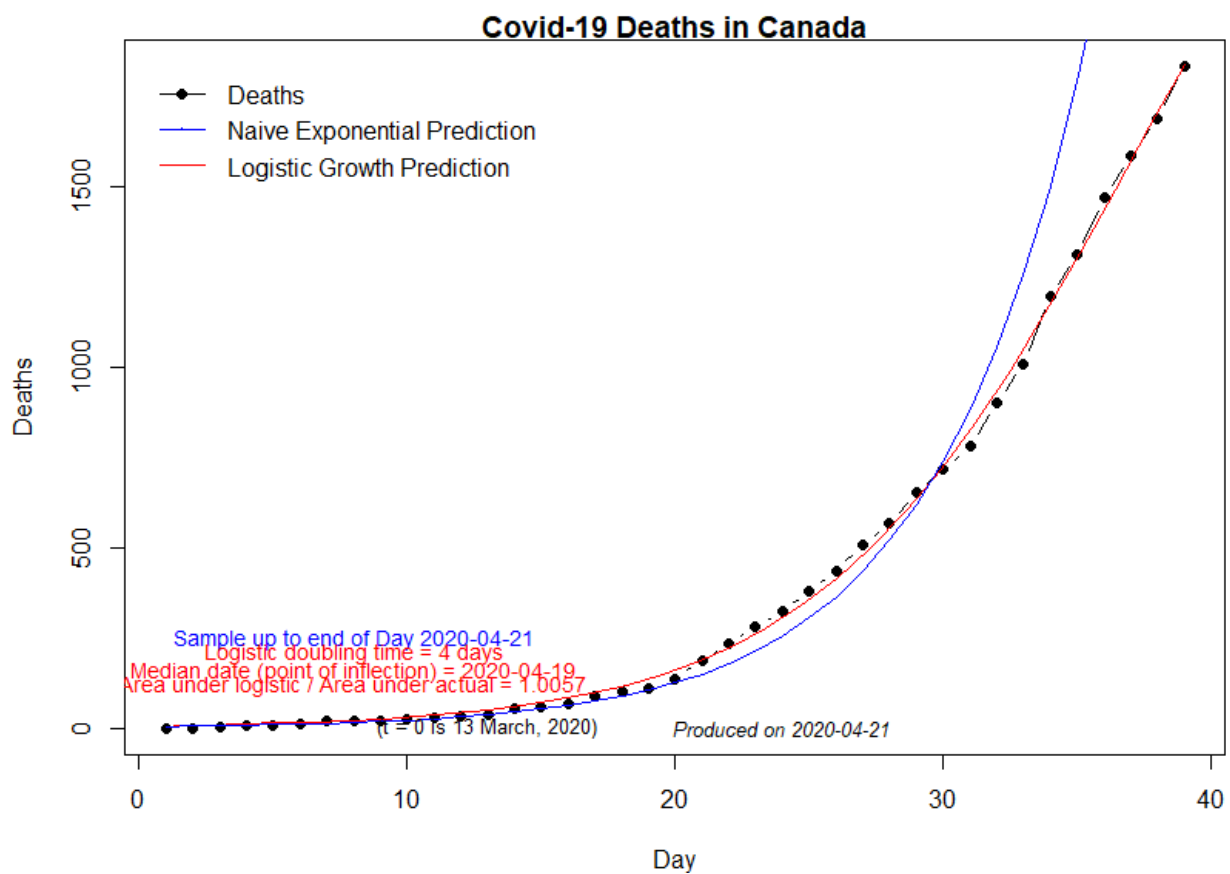
2. Total Number of Deaths

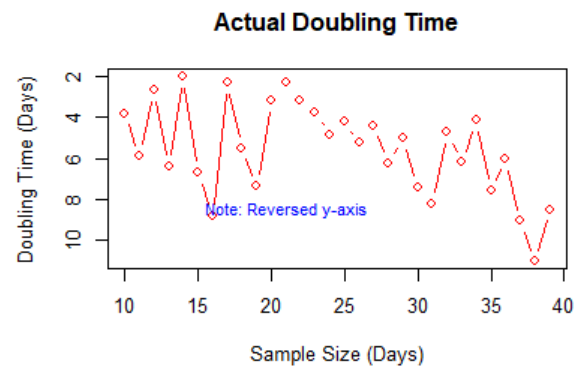
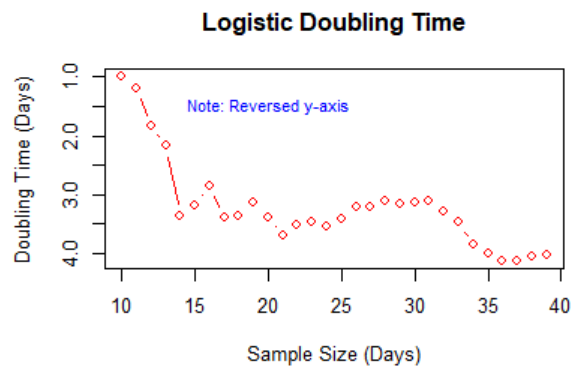
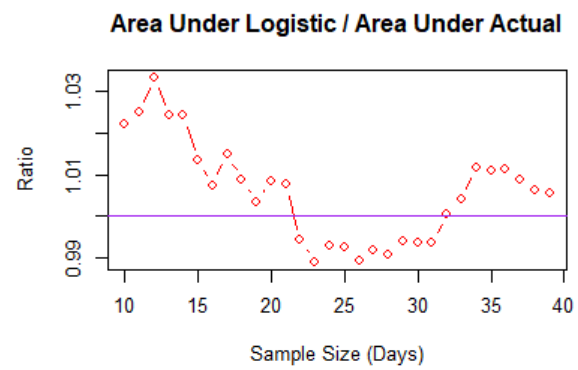
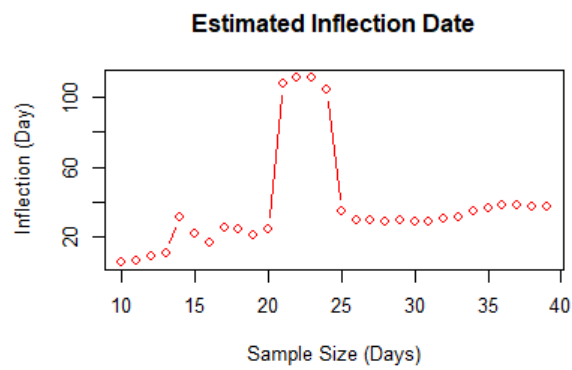
My R code for Covid-19 modelling is at

https://raw.githubusercontent.com/DaveGiles1949/r-code/master/Canadian_Covid-19_Deaths.R

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

The chart below shows results based on *data from 14 March to 21 April inclusive*.





Projected Deaths, Up to 1 Week Ahead

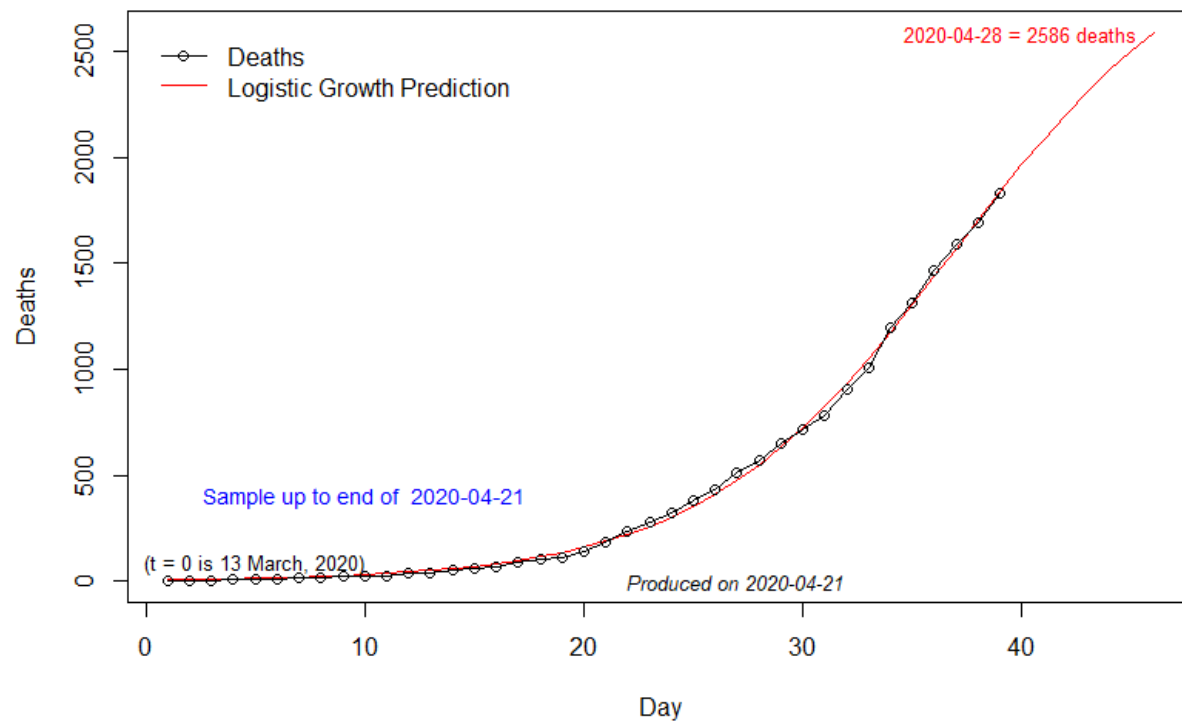


Table 2: Projected Covid-19 Deaths in Canada
(Projections are in Red; Actual Values are in Brackets)

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 [1834]	1972	2097	2215	2325	2427	2520

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

ONTARIO

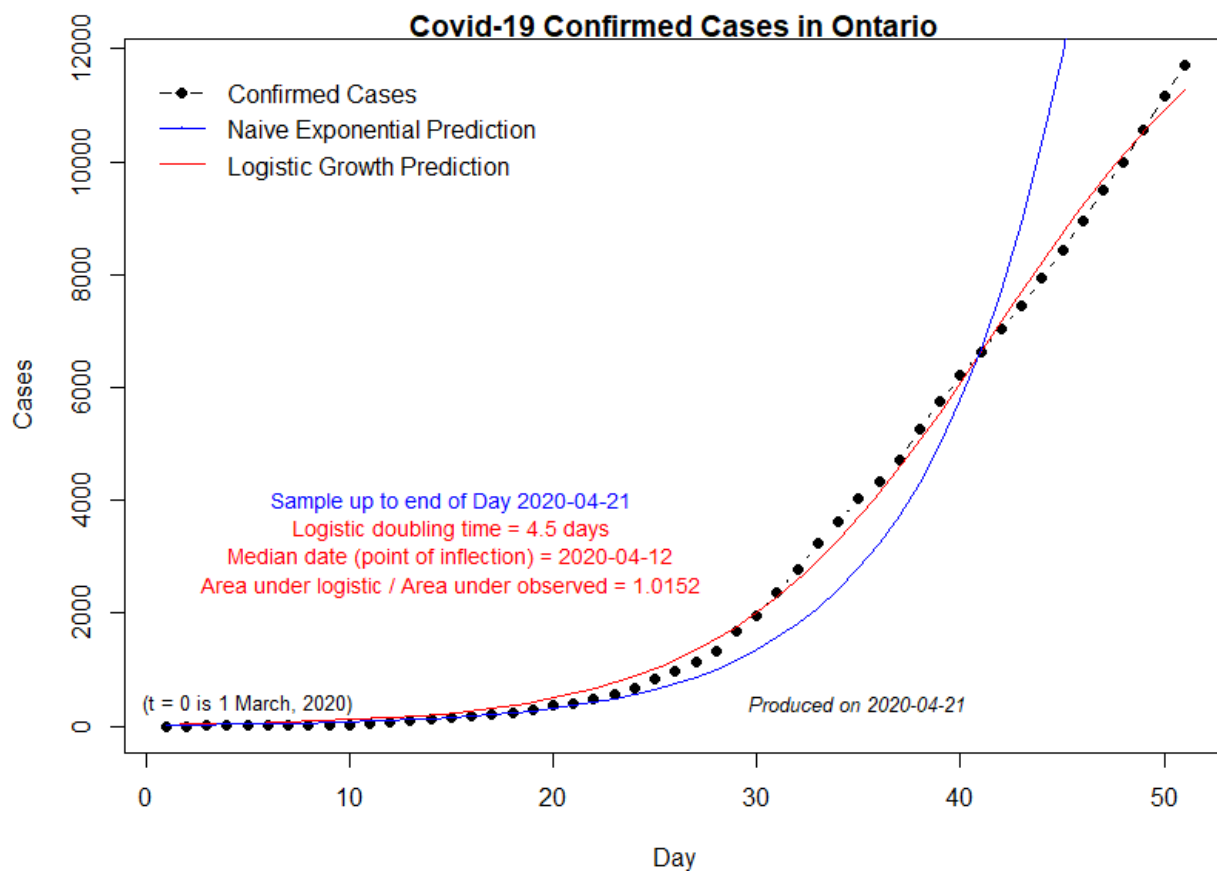
1. Total Confirmed Cases

My R code for Covid-19 modelling is at

https://raw.githubusercontent.com/DaveGiles1949/r-code/master/Ontario_Covid-19_Cases.R

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

The chart below shows results based on *data from 2 March to 21 April inclusive*.



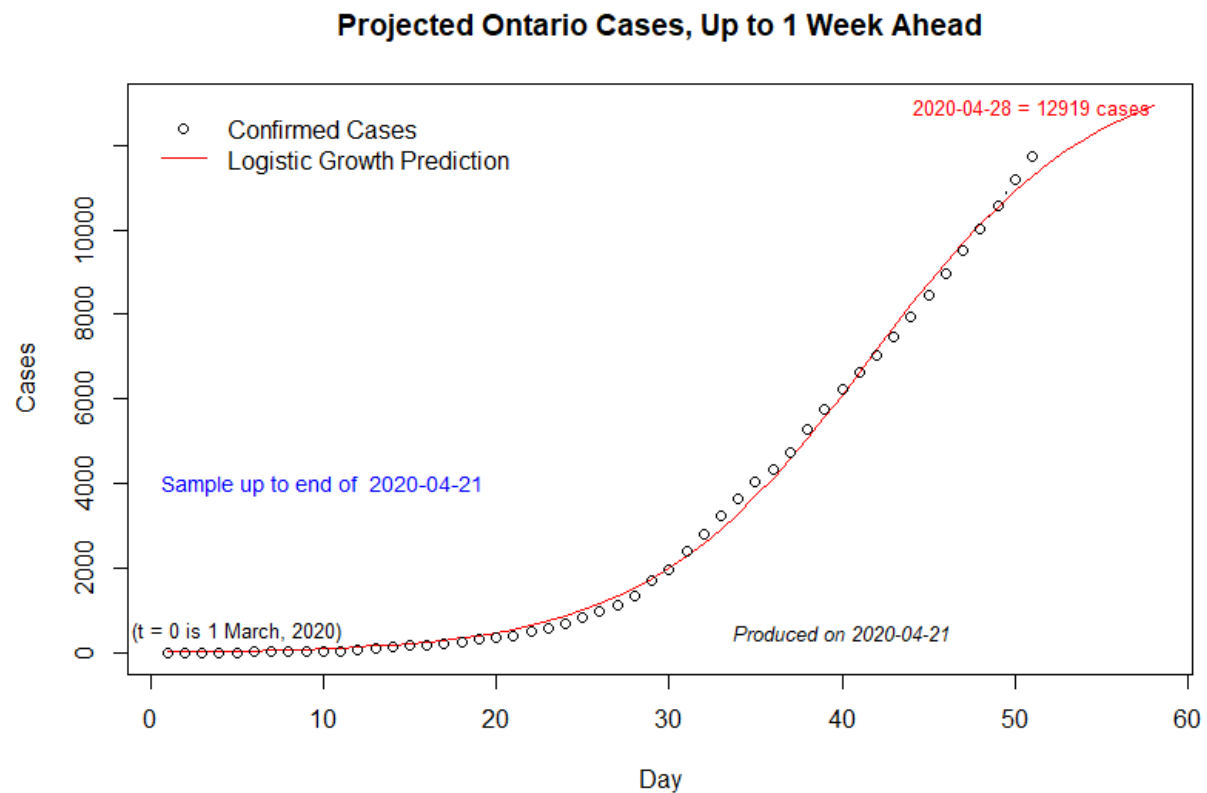
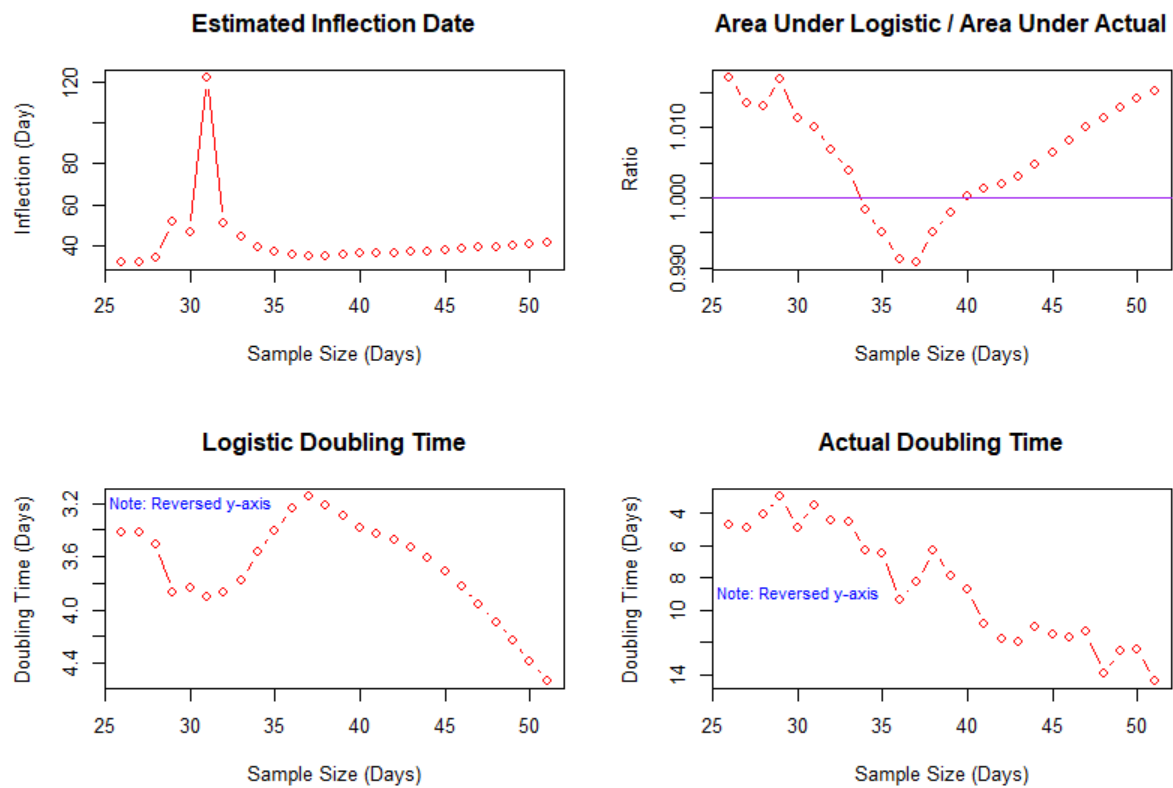


Table 3: Projected Covid-19 Cases in Ontario
(Projections are in Blue; Actual Values are in Brackets)

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>
11037 [11735]	11318	11569	11793	11991	12165	12318
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>
11591	11879	12139	12370	12576	12759	12919

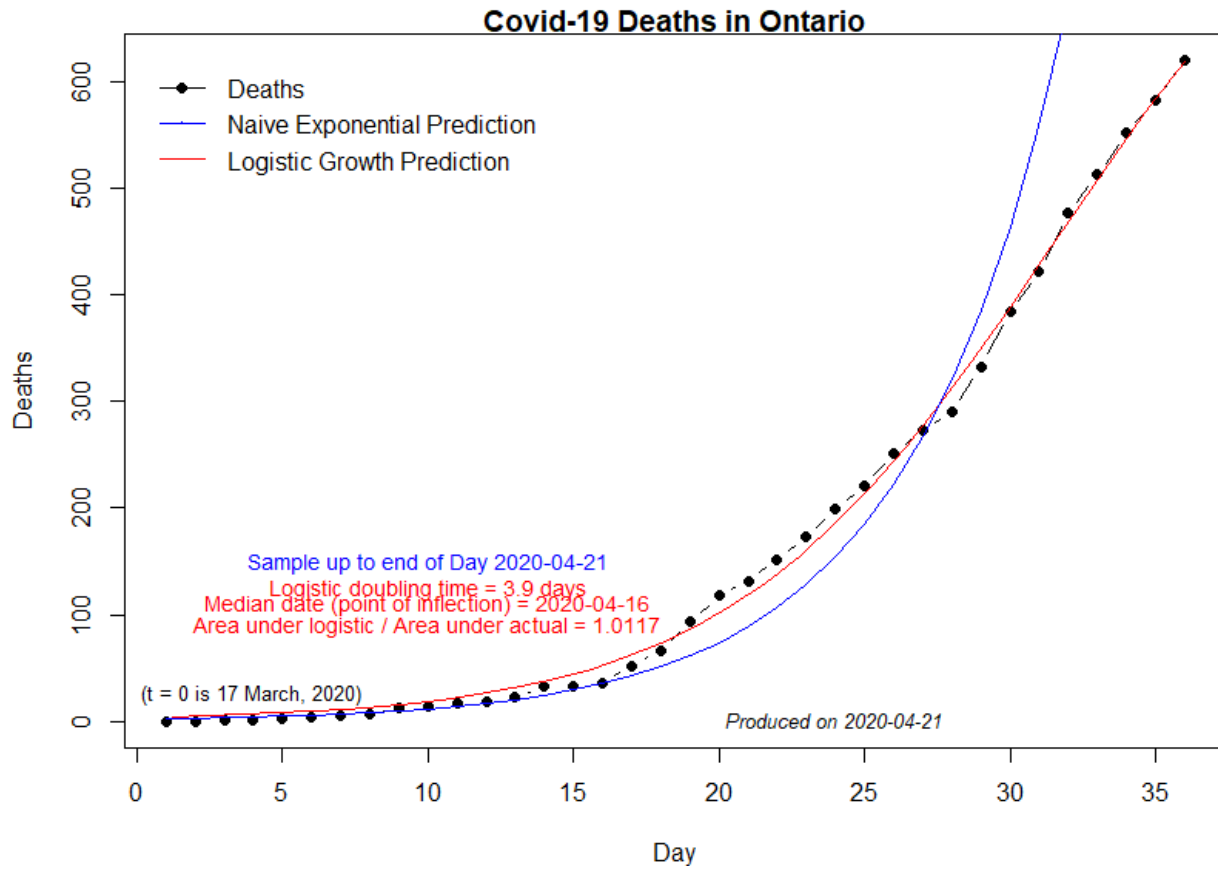
2. Total Number of Deaths

My R code for Covid-19 modelling is at

https://raw.githubusercontent.com/DaveGiles1949/r-code/master/Ontario_Covid-19_Deaths.R

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

The chart below shows results based on *data from 17 March to 21 April inclusive*.



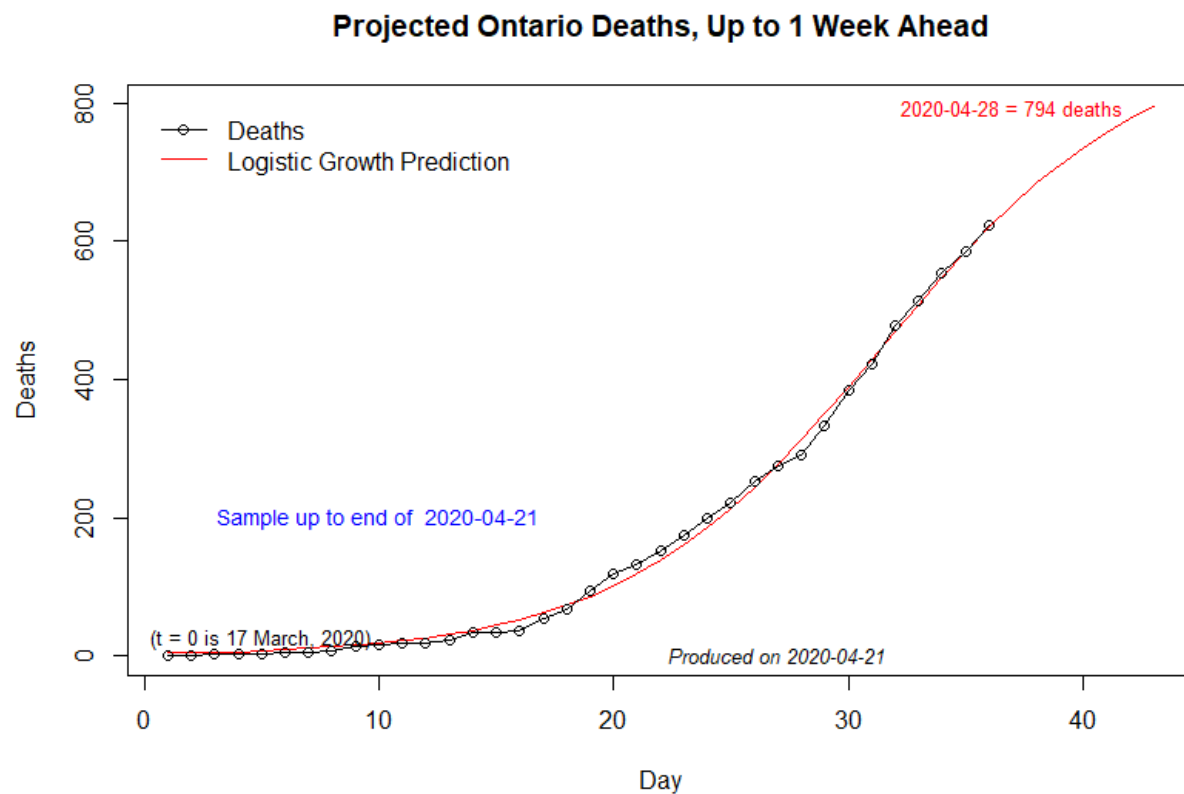
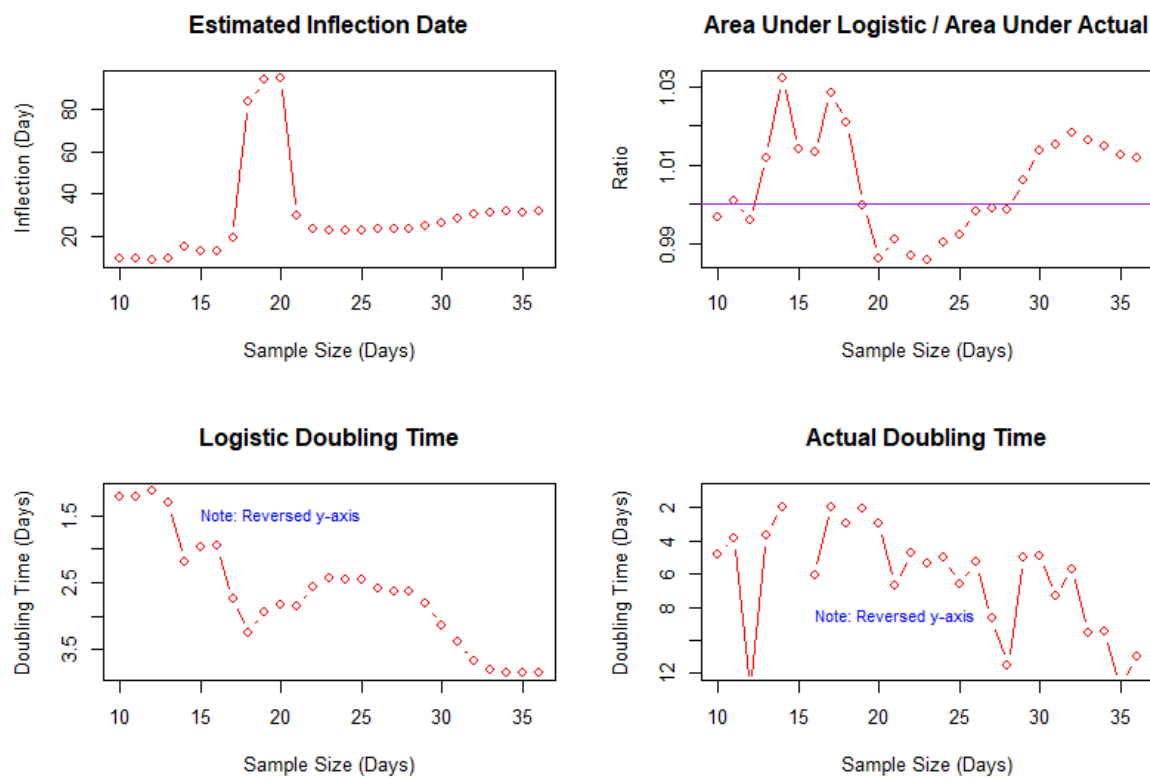


Table 4: Projected Covid-19 Deaths in Ontario
(Projections are in Red; Actual Values are in Brackets)

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 [622]	651	681	709	733	755	774

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