Covid-19 Modelling Results, as at 28 April 2020

CANADA

1. **Total Cases**

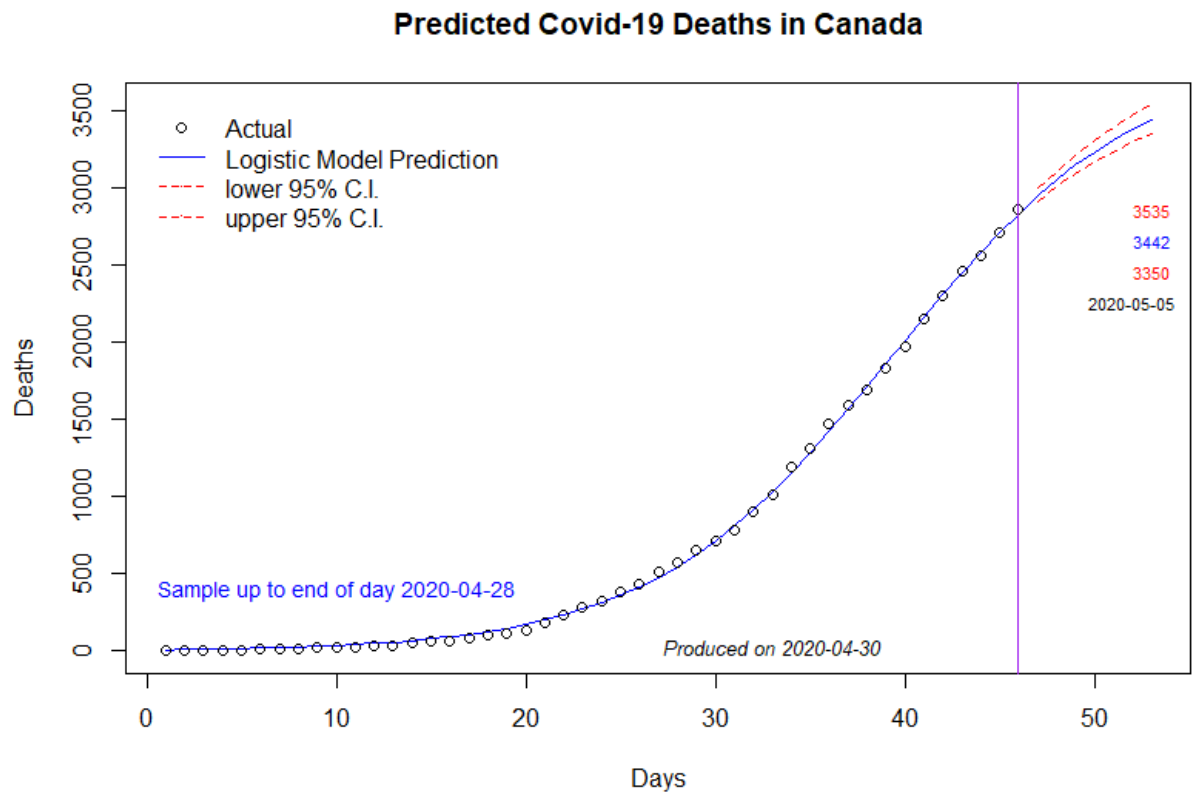## Predicted Covid-19 Cases in Canada
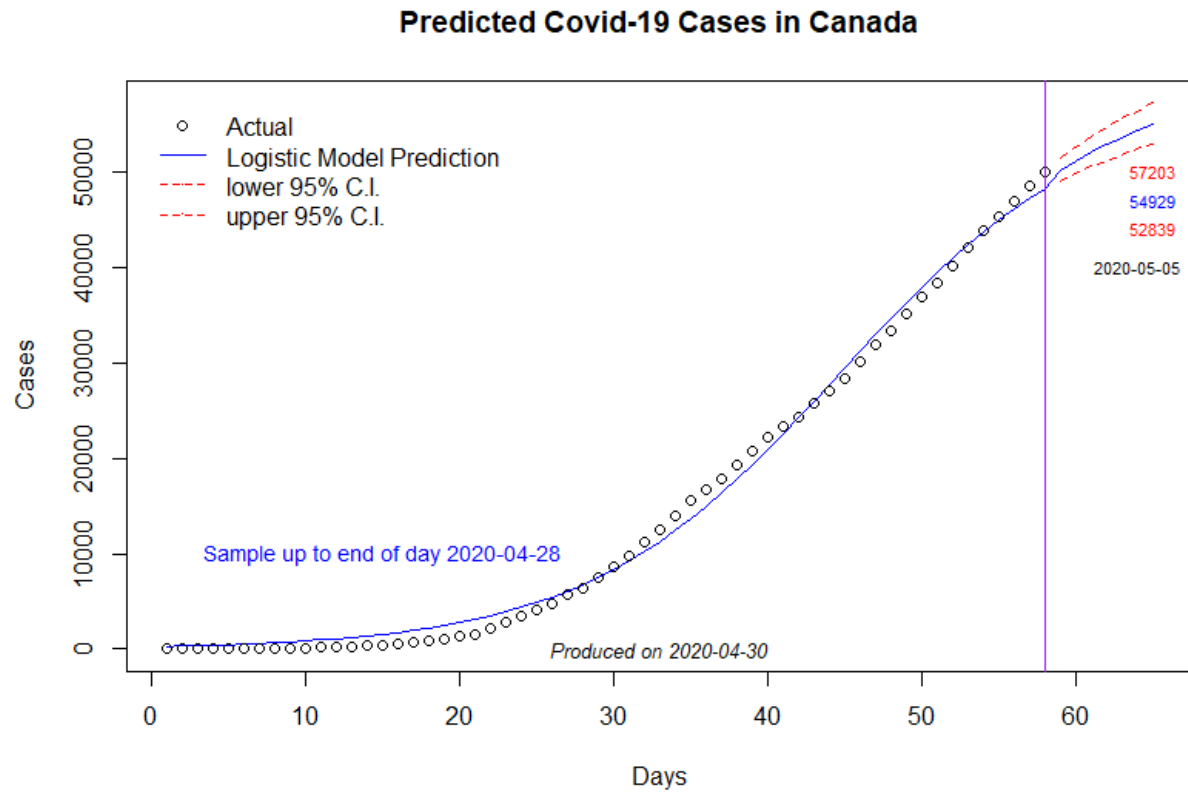
Table 1: Projected Covid-19 Cases in Canada

(95% Prediction Intervals are in Red; Actual Values are in Brackets)

Sample end (projection made): 28 April

29 Apr	*30 Apr*	*1 May*	*2 May*	*3 May*	*4 May*	*5 May*
49082	49786	50604	51204	51718	52495	52839
50203 [51597]	**51163**	**52043**	**52889**	**53612**	**54327**	**54929**
51508	52654	53635	54742	55686	56316	57203

Sample end (projection made): 29 April

30 Apr	*1 May*	*2 May*	*3 May*	*4 May*	*5 May*	*6 May*

<u>Note</u>: Prediction intervals are based on 1,000 bootstrap replications. The point predictions are the mean of the bootstrap sample for each day, *so these differ from the simple extrapolation from the estimated Logistic curve.*

2. Total Number of Deaths

Predicted Covid-19 Deaths in Canada

Table 2: Projected Covid-19 Deaths in Canada

(95% Prediction Intervals are in Red; Actual Values are in Brackets)

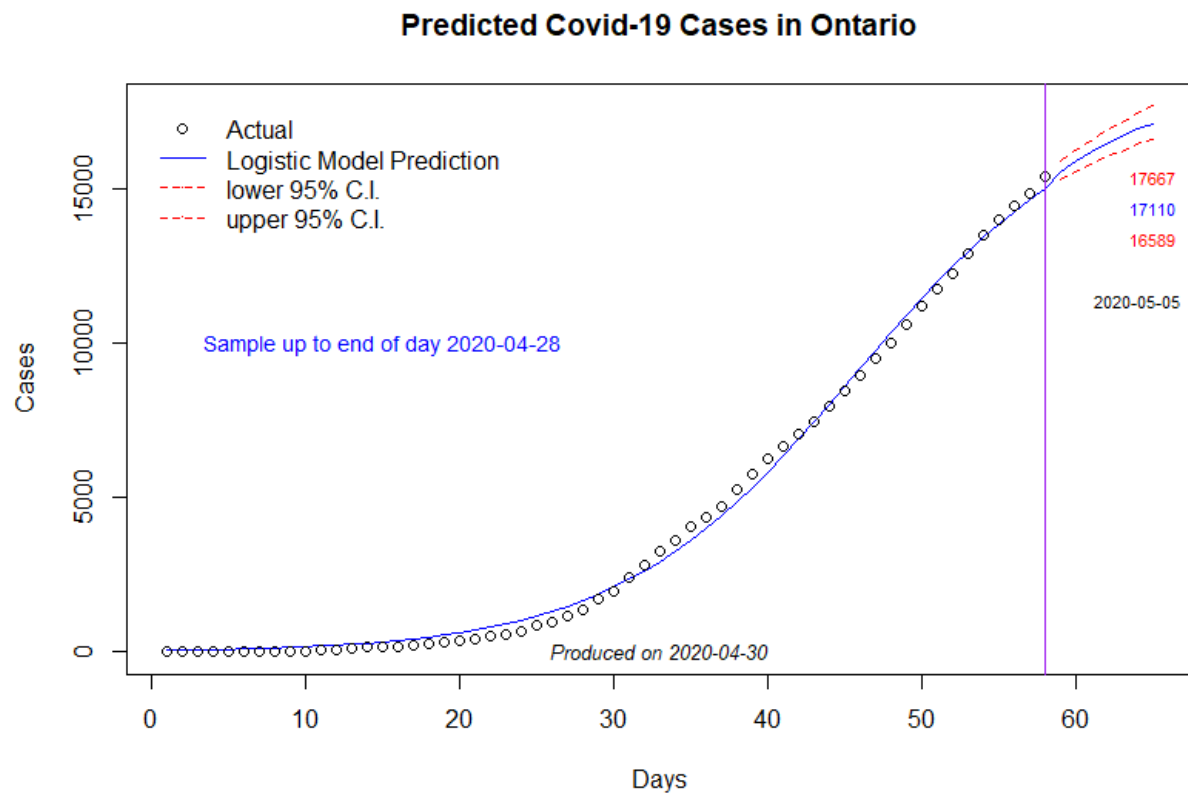**Sample end (projection made): 28 April**

29 Apr	30 Apr	1 May	2 May	3 May	4 May	5 May
2907	3007	3093	3172	3232	3299	3350
2950 [2996]	3054	3150	3233	3308	3380	3442
2995	3104	3207	3305	3387	3466	3535

Sample end (projection made): 29 April

30 Apr	1 May	2 May	3 May	4 May	5 May	6 May

Note: Prediction intervals are based on 1,000 bootstrap replications. The point predictions are the mean of the bootstrap sample for each day, *so these differ from the simple extrapolation from the estimated Logistic curve.*
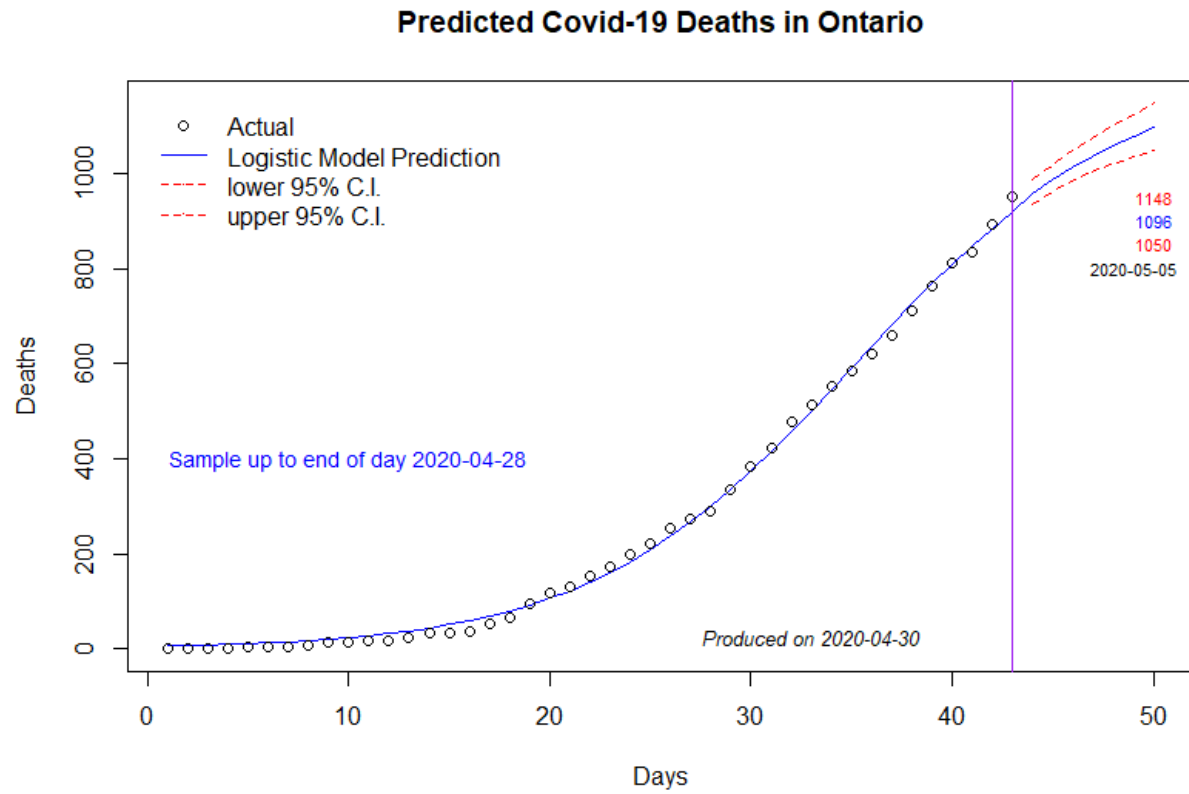
ONTARIO

1. Total Cases

Predicted Covid-19 Cases in Ontario

Table 3: Projected Covid-19 Cases in Ontario

(95% Prediction Intervals are in Red; Actual Values are in Brackets)

Sample end (projection made): 28 April

29 Apr	30 Apr	1 May	2 May	3 May	4 May	5 May
15273	15542	15798	16022	16212	16432	16589
15565 [15728]	15881	16171	16443	16688	16913	17110
15881	16227	16550	16900	17161	17450	17667

Sample end (projection made): 29 April

30 Apr	1 May	2 May	3 May	4 May	5 May	6 May

Note: Prediction intervals are based on 1,000 bootstrap replications. The point predictions are the mean of the bootstrap sample for each day, *so these differ from the simple extrapolation from the estimated Logistic curve.*

2. Total Number of Deaths

Predicted Covid-19 Deaths in Ontario

Table 4: Projected Covid-19 Deaths in Ontario

(95% Prediction Intervals are in Red; Actual Values are in Brackets)

Sample end (projection made): 28 April

29 Apr	*30 Apr*	*1 May*	*2 May*	*3 May*	*4 May*	*5 May*
934	960	983	1003	1020	1036	1050
958 [996]	**987**	**1014**	**1037**	**1059**	**1078**	**1096**
986	1017	1048	1074	1101	1124	1148

Sample end (projection made): 29 April

30 Apr	*1 May*	*2 May*	*3 May*	*4 May*	*5 May*	*6 May*

Note: Prediction intervals are based on 1,000 bootstrap replications. The point predictions are the mean of the bootstrap sample for each day, *so these differ from the simple extrapolation from the estimated Logistic curve.*