

Covid-19 Modelling Results, as at 29 April 2020

CANADA

1. Total Cases

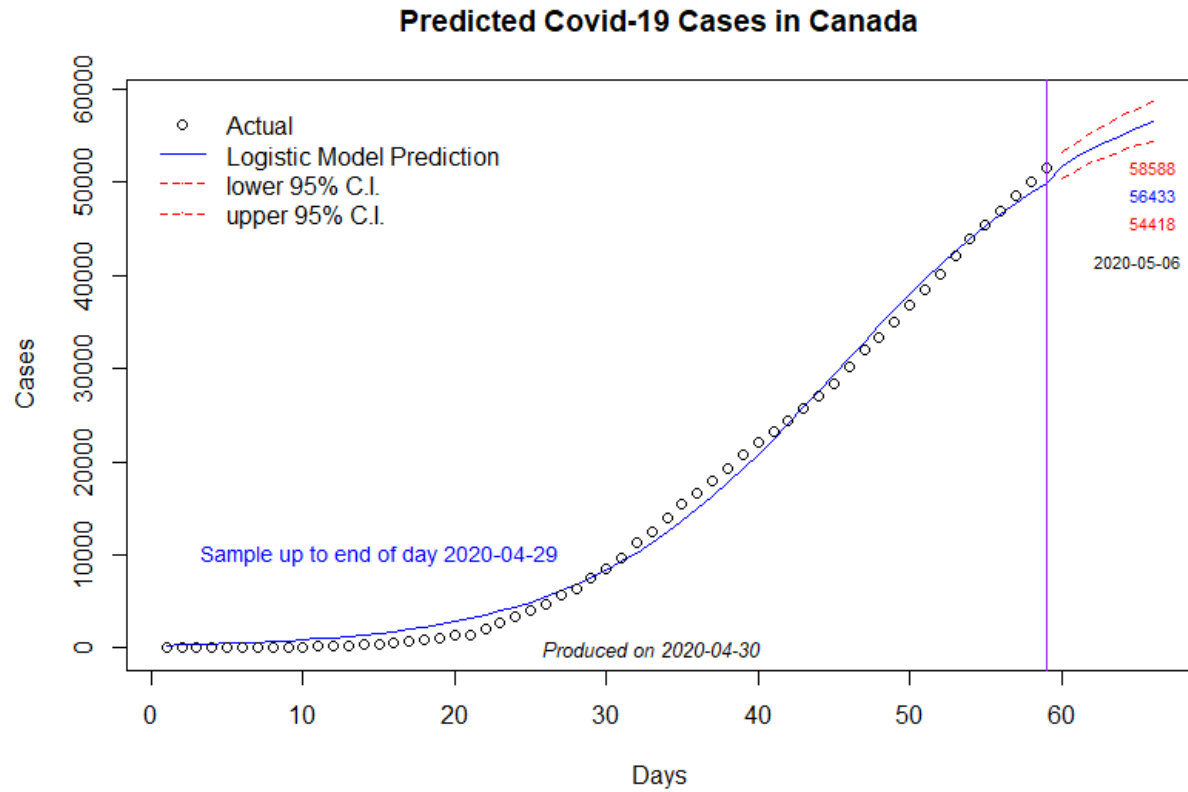


Table 1: Projected Covid-19 Cases in Canada
(95% Prediction Intervals are in Red; Actual Values are in Brackets)

Sample end (projection made): 28 April						
<i>29 Apr</i>	<i>30 Apr</i>	<i>1 May</i>	<i>2 May</i>	<i>3 May</i>	<i>4 May</i>	<i>5 May</i>
49082	49786	50604	51204	51718	52495	52839
50203	51163	52043	52889	53612	54327	54929
[51597]						
51508	52654	53635	54742	55686	56316	57203
Sample end (projection made): 29 April						
<i>30 Apr</i>	<i>1 May</i>	<i>2 May</i>	<i>3 May</i>	<i>4 May</i>	<i>5 May</i>	<i>6 May</i>
50433	51228	52120	52753	53385	54004	54418
51764	52655	53600	54392	55087	55827	56433
53162	54146	55316	56154	57128	57883	58588

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

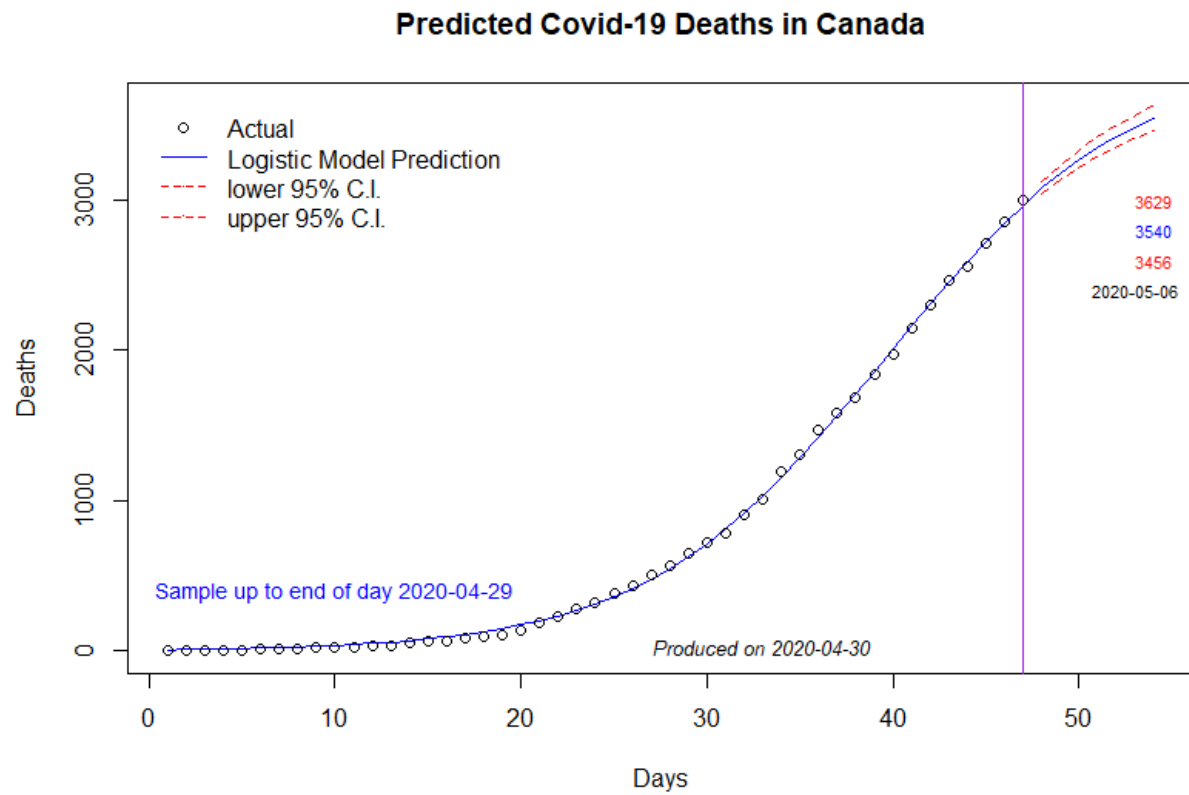


Table 2: Projected Covid-19 Deaths in Canada
(95% Prediction Intervals are in Red; Actual Values are in Brackets)

Sample end (projection made): 28 April						
<i>29 Apr</i>	<i>30 Apr</i>	<i>1 May</i>	<i>2 May</i>	<i>3 May</i>	<i>4 May</i>	<i>5 May</i>
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						
<i>30 Apr</i>	<i>1 May</i>	<i>2 May</i>	<i>3 May</i>	<i>4 May</i>	<i>5 May</i>	<i>6 May</i>
3037	3127	3209	3285	3349	3405	3456
3077	3176	3267	3345	3420	3483	3540
3121	3226	3325	3414	3490	3562	3629

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

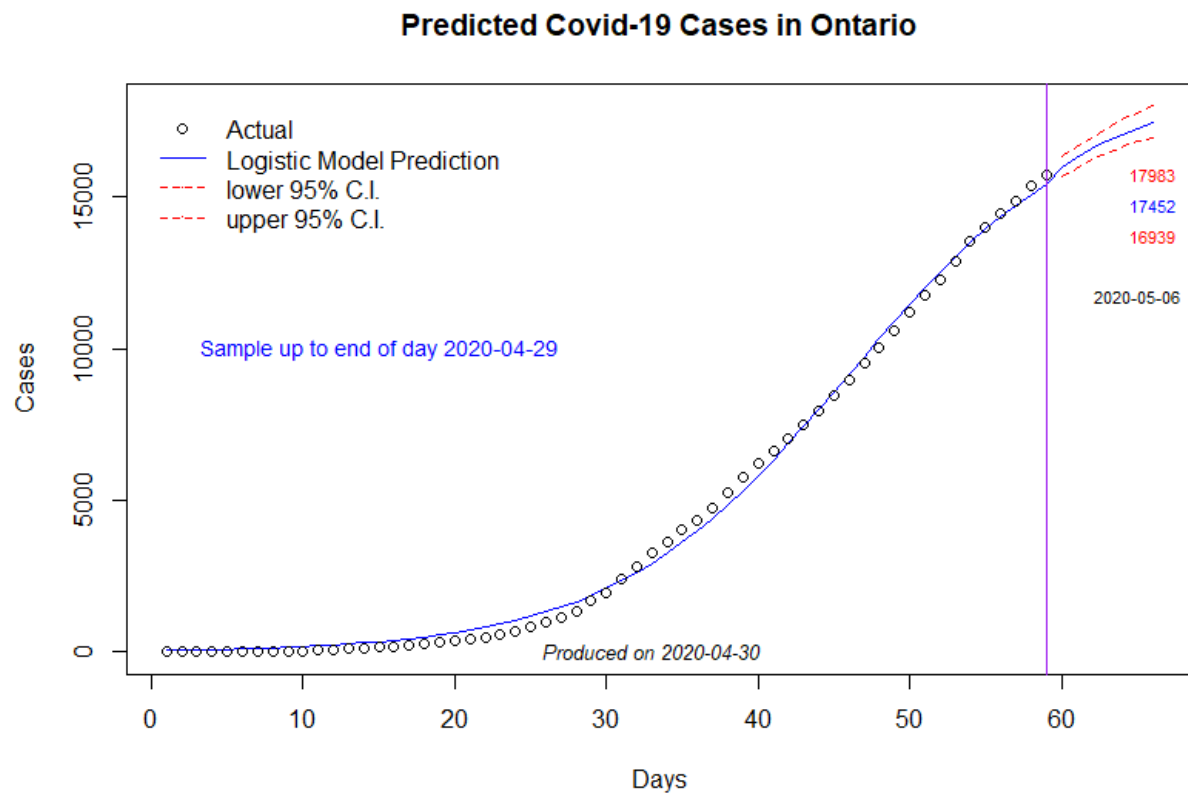


Table 3: Projected Covid-19 Cases in Ontario
(95% Prediction Intervals are in Red; Actual Values are in Brackets)

Sample end (projection made): 28 April						
<i>29 Apr</i>	<i>30 Apr</i>	<i>1 May</i>	<i>2 May</i>	<i>3 May</i>	<i>4 May</i>	<i>5 May</i>
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						
<i>30 Apr</i>	<i>1 May</i>	<i>2 May</i>	<i>3 May</i>	<i>4 May</i>	<i>5 May</i>	<i>6 May</i>
15658	15928	16214	16439	16624	16814	16939
15987	16275	16575	16819	17042	17265	17452
16318	16624	16947	17244	17520	17753	17983

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

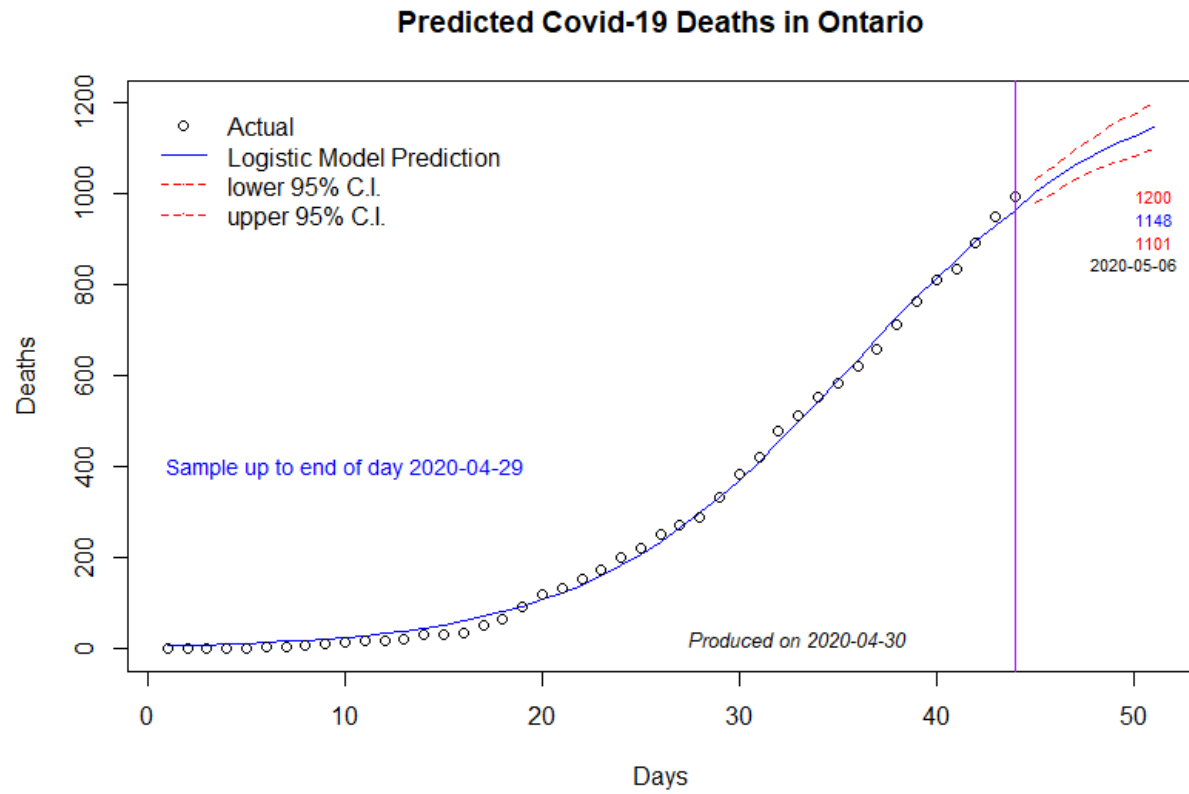


Table 4: Projected Covid-19 Deaths in Ontario
(95% Prediction Intervals are in Red; Actual Values are in Brackets)

Sample end (projection made): 28 April						
<i>29 Apr</i>	<i>30 Apr</i>	<i>1 May</i>	<i>2 May</i>	<i>3 May</i>	<i>4 May</i>	<i>5 May</i>
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						
<i>30 Apr</i>	<i>1 May</i>	<i>2 May</i>	<i>3 May</i>	<i>4 May</i>	<i>5 May</i>	<i>6 May</i>
980	1005	1033	1052	1069	1084	1101
1005	1035	1064	1087	1110	1128	1148
1031	1064	1097	1124	1158	1173	1200

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.*