

Grasping Reality with Both Hands

The weblog of Brad DeLong. Comments (mostly) welcome, or email me at delong@hey.com with "delong-weblog" as the subject.
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Coronavirus: My Personal Guess as of 2020-07-31

The epidemiologists, the public health specialists, and the data collectors produce lots of tables and graphs about coronavirus prevalent in the United States, but somehow nobody produces the graphs and tables that I really want to see: estimates not of confirmed cases but of true cases. The United States's massive failure of testing and surveillance makes all such estimates nearly impossible to produce and subject to enormous uncertainty. Here, for what it is worth, is my personal guess:

My guess is that we are now running at 1.5 million new case a week up from a mid-June low of 650000 cases a week, which is itself down from our late-March infection peak of 2.7 million cases per week. We seem to be stuck: when cases fall, social distancing is relaxed; when cases rise, people get scared and hunker down. The prospect appears to be for depression—national income 10 to 15 percent below potential—and for 6 million infections and 40000 deaths a month until something changes, with any form of herd immunity years away at this pace of infections. But I may well be very wrong, and have missed something very important here: *Coronavirus in the U.S.: My Guesses as to Where We Are*:

<https://www.bradford-delong.com/2020/07/coronavirus-in-the-us-my-guesses-as-to-where-we-are.html>: As of 2020-07-30: New weekly deaths: 7800.... New weekly inferred cases: 1478400.... Weekly R: 0.97.... Past three weeks' R: 1.08...

delong-coronavirus-extrapolations : Sheet 1 - Coronavirus Extrapola											
Coronavirus Extrapolation											
Date	New Deaths	New Inferred Cases	New Confirmed Cases	New Inferred/New Confirmed	Tests per Case	Weekly R (Past 3 Weeks)	Weekly R (One Week)		Date	Deaths	Inferred Deaths
2020-07-30	7,800	1,478,400	462,000	3.2	12	1.08	0.97			155,200	
2020-07-23	6,300	1,529,600	478,000	3.2	12	1.17	1.01		2020-07-23	147,400	
2020-07-16	5,300	1,520,000	475,000	3.2	12	1.24	1.30		2020-07-16	141,100	
2020-07-09	4,300	1,170,000	382,800	3.1	13	1.22	1.24		2020-07-09	135,800	
2020-07-02	4,523	945,000	331,600	2.8	14	1.12	1.19		2020-07-02	131,500	
2020-06-25	6,177	795,000	243,600	3.3	17	0.95	1.23		2020-06-25	126,977	
2020-06-18	4,766	645,000	172,299	3.7	21	0.97	0.95		2020-06-18	120,800	
2020-06-11	5,861	678,450	165,650	4.1	21	0.92	0.73		2020-06-11	116,034	
2020-06-04	6,573	926,550	159,051	5.8	20	0.98	1.30		2020-06-04	110,173	
2020-05-28	7,246	714,900	144,103	5.0	18	0.87	0.81		2020-05-28	103,600	
2020-05-21	9,354	879,150	180,897	4.9	17	0.86	0.89		2020-05-21	96,354	
2020-05-14	10,072	985,950	147,377	6.7	14	0.87	0.91		2020-05-14	87,000	
2020-05-07	13,072	1,086,900	197,600	5.5	10	0.82	0.77		2020-05-07	76,928	
2020-04-30	13,620	1,403,100	208,581	6.7	8	0.88	0.93		2020-04-30	63,856	
2020-04-23	15,619	1,510,800	246,778	6.1	6	0.86	0.77		2020-04-23	50,236	
2020-04-16	17,905	1,960,800	207,532	9.4	5	0.90	0.96		2020-04-16	34,617	
2020-04-09	10,624	2,043,000	215,411	9.5	5	1.09	0.87		2020-04-09	16,712	
2020-04-02	4,792	2,342,850	147,527	15.9	5	1.48	0.87		2020-04-02	6,088	
2020-03-26	1,090	2,685,750	59,779	44.9	7	2.54	1.69		2020-03-26	1,296	
2020-03-19	165	1,593,600	8,103	196.7	12	4.01	2.22		2020-03-19	206	
2020-03-12	29	718,800	1,153	623.4		5.49	4.40		2020-03-12	41	
2020-03-05	11	163,500	100	1,635.0		4.63	6.61		2020-03-05	12	
2020-02-27		24,750	44	562.5			5.69		2020-02-27	1	
2020-02-20		4,350	1	4,350.0			2.64		2020-02-20		
2020-02-13		1,650	2						2020-02-13		
2020-02-06			7						2020-02-06		
2020-01-30			4						2020-01-30		
	https://www.icloud.com/numbers/0padta9WRXNKrK-CmBCgoWKpA										

Sheet 1 - Coronavirus Extrapola

.#coronavirus #highlighted #notetoself #publichealth #2020-07-31

html <https://www.bradford-delong.com/2020/08/coronavirus-my-personal-guess-as-of-2020-07-31.html>

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Posted on August 01, 2020 at 06:04 in #highlighted, #notetoself | [🔗 Permalink](#) | [💬 Comments \(0\)](#)

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