Backfill Analysis

Checker instructions:
- Look at graphs for each of the metrics, and confirm that any differences between the lines are small, or well understood
- for each value in the "spot check value" columns, confirm that the value matches the same day's value on the state's page (**see note on column header**)
- If all looks good, copy/paste each of the proposed columns into daily.

Auto Fetch:	ANTIBODY_TOT	ANTIBODY_POS	ANTIBODY_NEG	SPECIMENS	SPECIMENS_PC	SPECIMENS_NE	CONFIRMED	TOTAL	POSITIVE	NEGATIVE	PENDING	CURR_HOSP	HOSP	CURR_ICU	ICU	CURR_VENT	VENT	RECOVERED	DEATH	DEATH_CONFIR	DEATH_PROBABLE
States Daily:	Total Antibody Te	Positive Antibody	Negative Antibod	Total Tests (PCR	Positive Tests (P	Negative Tests (I	Positive Cases (I	Total PCR Tests	Positive	Negative	Pending	Hospitalized – Cu	Hospitalized – Cu	In ICU – Currentl	In ICU – Cumulat	On Ventilator – C	On Ventilator – C	Recovered	Deaths	Deaths (confirme	Deaths (probable)
Assume Hidden:	Total Antibody Tests (People)	Positive Antibody Tests (People)	Negative Antibody Tests (People)	Total Tests (PCR)	Positive Tests (PCR)	Negative Tests (PCR)	Positive Cases (PCR)	Total PCR Tests (People)	Positive Cases (People, confirmed + probable)	Negative (People or Cases)	Pending	Currently Hospitalized	Cumulative Hospitalized	Currently in ICU	Cumulative in ICU	Currently on Ventilator	Cumulative on Ventilator	Recovered	Deaths (confirmed and probable)	Deaths (confirmed)	Deaths (probable)

Sensitivity 0.03

Columns C-D — Deaths (confirmed and probable) / Proposed

Date	Deaths (confirmed and probable)	Proposed	Spot check value
2020-07-28	5877	5877	
2020-07-27	5713	5713	Carried up
2020-07-26	5038	5713	Carried up
2020-07-25	4885	5713	Carried up
2020-07-24	4717	5713	
2020-07-23	4521	5712	
2020-07-22	4348	5707	
2020-07-21	4151	5681	
2020-07-20	4020	5644	
2020-07-19	3958	5582	
2020-07-18	3865	5511	
2020-07-17	3735	5434	
2020-07-16	3561	5340	
2020-07-15	3432	5234	
2020-07-14	3322	5103	
2020-07-13	3235	4948	
2020-07-12	3192	4812	
2020-07-11	3112	4643	
2020-07-10	3013	4506	
2020-07-09	2918	4361	
2020-07-08	2813	4229	
2020-07-07	2715	4085	
2020-07-06	2655	3953	
2020-07-05	2637	3839	
2020-07-04	2608	3729	
2020-07-03	2575	3602	
2020-07-02	2525	3484	
2020-07-01	2481	3382	
2020-06-30	2424	3293	
2020-06-29	2403	3211	
2020-06-28	2393	3126	
2020-06-27	2366	3039	
2020-06-26	2324	2963	
2020-06-25	2296	2897	
2020-06-24	2249	2839	
2020-06-23	2220	2767	
2020-06-22	2192	2726	
2020-06-21	2182	2683	
2020-06-20	2165	2643	
2020-06-19	2140	2596	
2020-06-18	2105	2550	
2020-06-17	2062	2508	
2020-06-16	2029	2471	
2020-06-15	1983	2426	
2020-06-14	1976	2397	
2020-06-13	1957	2351	
2020-06-12	1939	2311	
2020-06-11	1920	2276	
2020-06-10	1885	2248	
2020-06-09	1853	2224	
2020-06-08	1830	2190	
2020-06-07	1830	2159	
2020-06-06	1819	2139	
2020-06-05	1788	2106	
2020-06-04	1767	2080	
2020-06-03	1734	2058	
2020-06-02	1698	2026	
2020-06-01	1678	1998	
2020-05-31	1672	1977	
2020-05-30	1626	1963	
2020-05-29	1626	1932	
2020-05-28	1601	1896	
2020-05-27	1562	1864	
2020-05-26	1,536	1841	
2020-05-25	1527	1818	
2020-05-24	1506	1787	
2020-05-23	1506	1752	
2020-05-22	1480	1737	
2020-05-21	1440	1708	
2020-05-20	1419	1682	
2020-05-19	1369	1660	
2020-05-18	1347	1630	
2020-05-17	1336	1608	
2020-05-16	1305	1581	
2020-05-15	1272	1550	
2020-05-14	1216	1506	
2020-05-13	1158	1475	
2020-05-12	1133	1432	
2020-05-11	1100	1398	
2020-05-10	1088	1362	
2020-05-09	1049	1334	
2020-05-08	1004	1306	
2020-05-07	973	1272	
2020-05-06	948	1235	
2020-05-05	906	1202	
2020-05-04	884	1172	
2020-05-03	867	1141	
2020-05-02	847	1104	
2020-05-01	816	1071	
2020-04-30	782	1027	
2020-04-29	732	991	
2020-04-28	690	966	
2020-04-27	663	930	
2020-04-26	648	903	
2020-04-25	623	872	
2020-04-24	593	835	
2020-04-23	561	802	
2020-04-22	543	763	
2020-04-21	517	732	
2020-04-20	495	691	
2020-04-19	477	664	
2020-04-18	453	635	
2020-04-17	428	606	
2020-04-16	393	568	
2020-04-15	364	536	
2020-04-14	318	499	
2020-04-13	287	464	
2020-04-12	271	432	
2020-04-11	254	397	
2020-04-10	226	362	
2020-04-09	199	333	
2020-04-08	177	298	

Backfill Analysis

Date	Deaths (confirmed and probable)	Proposed	Spot check value	Deaths (confirmed)	Proposed	Spot check value		Proposed	Spot check value		Proposed	Spot check value
2020-04-07	154	272										
2020-04-06	140	254										
2020-04-05	127	228										
2020-04-04	105	189										
2020-04-03	90	168										
2020-04-02	70	148										
2020-04-01	58	125										
2020-03-31	41	103										
2020-03-30	34	90										
2020-03-29	34	72										
2020-03-28	27	60										
2020-03-27	23	48										
2020-03-26	18	39										
2020-03-25	12	28										
2020-03-24	9	22										
2020-03-23	8	16										
2020-03-22	5	14										
2020-03-21	5	13										
2020-03-20	5	11										
2020-03-19	3	7										
2020-03-18	2	7										
2020-03-17	1	5										
2020-03-16		3										
2020-03-15		2										
2020-03-14		1										
2020-03-13		1										
2020-03-12		1										
2020-03-11		1										
2020-03-10		1										
2020-03-09		1										
2020-03-08		1										
2020-03-07		1										
2020-03-06		0										
2020-03-05		0										
2020-03-04		0										

Auto Fetch: ANTIBODY_TOT | ANTIBODY_POS | ANTIBODY_NEG | SPECIMENS | SPECIMENS_PC | SPECIMENS_NE | CONFIRMED | TOTAL | POSITIVE | NEGATIVE | PENDING | CURR_HOSP | HOSP | CURR_ICU | ICU | CURR_VENT | VENT | RECOVERED | DEATH | DEATH_CONFIR | DEATH_PROBABLE

States Daily:

| Assume Hidden: | Total Antibody Tests (People) | Positive Antibody Tests (People) | Negative Antibody Tests (People) | Total Tests (PCR) | Positive Tests (PCR) | Negative Tests (PCR) | Positive Cases (PCR) | Total PCR Tests (People) | Positive Cases (People, confirmed + probable) | Negative (People or Cases) | Pending | Currently Hospitalized | Cumulative Hospitalized | Currently in ICU | Cumulative in ICU | Currently on Ventilator | Cumulative on Ventilator | Recovered | Deaths (confirmed and probable) | Deaths (confirmed) | Deaths (probable) |

| Sensitivity | 0.03 |