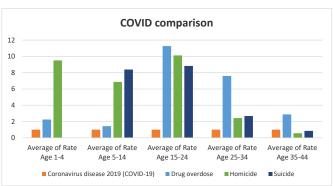
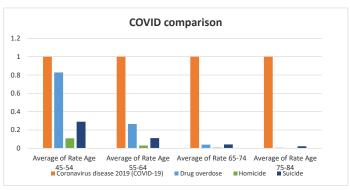
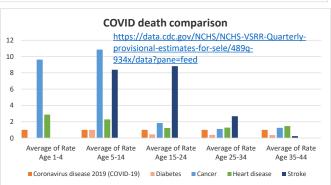
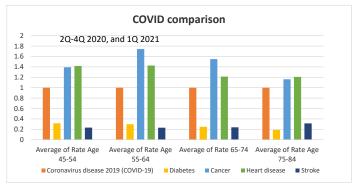


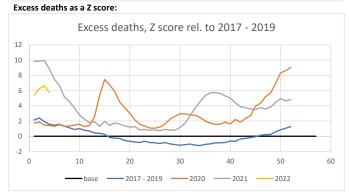
Relative effect of COVID on various age groups, and compared to cause of death. These are all relative to COVID, which is 1.0 on each of four charts

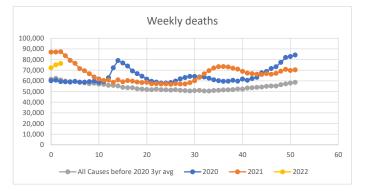






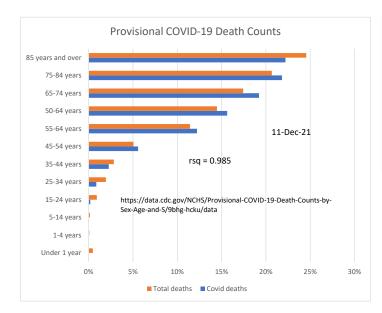


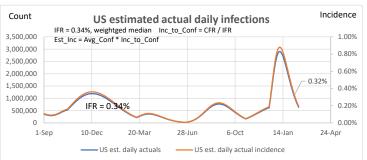




Z-score = 1 based on 2017 - 2019 one standard deviation.

Data in recent weeks are incomplete. Only 60% of death records are submitted to NCHS within 10 days of the date of death, and completeness varies by jurisdiction. Data are not weighted and counts are likely underreported.





False Positives Demonstration

Use 0.30% as estimated daily incidence

Prevalence estimated as avg. infected period of 2 weeks X incidence

95%	accuracy o	f test		0.30
	Positive	Negative		Sensiti
test pos	3.990%	4.790%	8.78%	Probab
test neg	0.210%	91.010%	91.22%	where

4.200% 95.800% 100.00%

 0.30% X 14 = 4.200% Sensitivity

Sensitivity
Probability of detection
where condition exists

True + / (True + & False -) 95%

95%

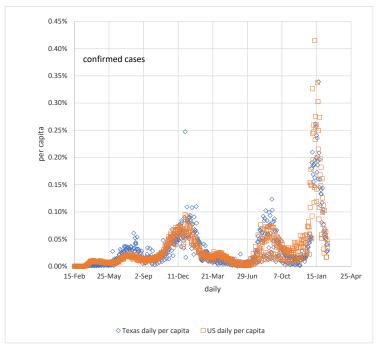
Specificity

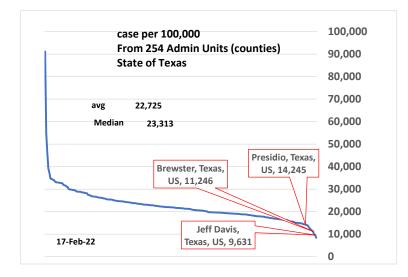
Probability of not detecting where condition doesn't exist

True - / (True - & False +)

 ${\it Example only; sensitivity and specifity not necessarily equal.}$

US vs. Texas





USA Excess Deaths, 2020 (from CDC data):

3 yr average 859:100,000

29% of All-Cause excess deaths are non-CV19

https://data.cdc.gov/NCHS/Excess-Deaths-Associated-with-COVID-19/xkkf-xrst/data

USA Excess Deaths to date (2021, from CDC data):

	52 weeks	All Cause	All Cause, excl. CV19	CV19
3	yr average before 2020	859:100,000	859:100,000	-
	2021	1048:100,000	905:100,000	-
	Diff.	189:100,000	47:100,000	142:100,000
	3 yr average		Linear Year Projection	
	859:100,000	25% of All-Cause excess deaths not CV19		142:100,000

USA Excess Deaths to date (2022, from CDC data):

	6 weeks	All Cause	All Cause, excl. CV19	CV19
3	yr average before 2020	110:100,000	110:100,000	-
	2022	128:100,000	101:100,000	27:100,000
	Diff.	18:100,000	-10:100,000	27:100,000

3 yr average 859:100,000

Tri-Counties in Texas:

