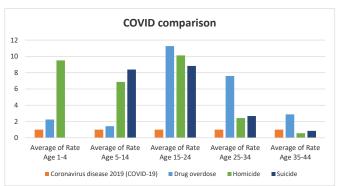
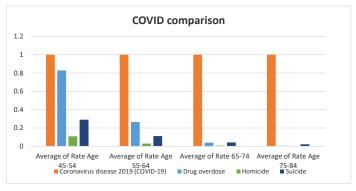
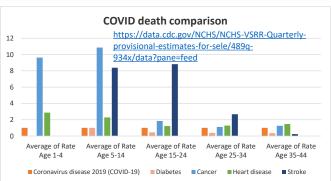
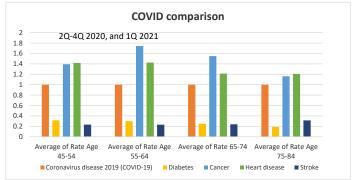


Relative effect of COVID on various age groups, and compared to cause of death. These are all relative to COVID, which is 1.0 on each of four charts

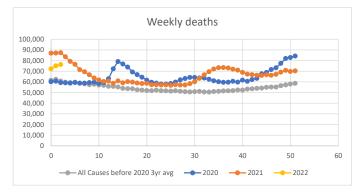






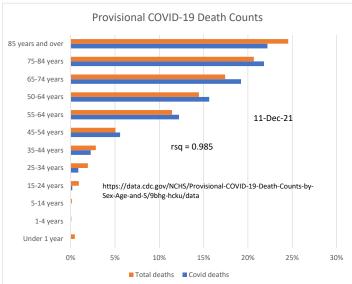




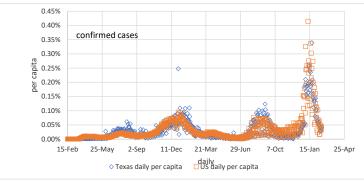


Z-score = 1 based on 2017 - 2019 one standard deviation.

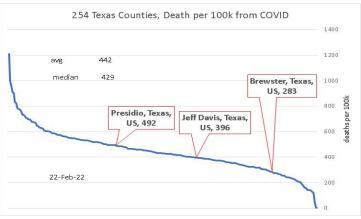
Data in recent weeks are incomplete. Only 60% of death records are submitted to NCHS within 10 days of the date of death, and completeness varies by jurisdiction. Data are not weighted and counts are likely underreported.

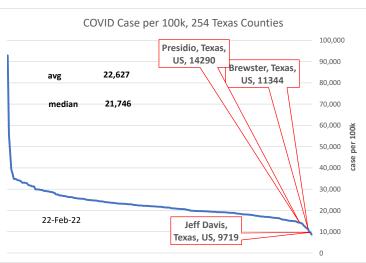


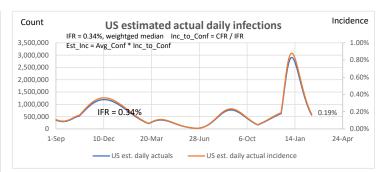




Tri-Counties in Texas:







False Positives Demonstration

Use 0.19% as estimated daily incidence

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

95%	95% accuracy of test		_	0.19%
	Positive	Negative		Sensitivity
test pos	2.527%	4.867%	7.39%	Probabilit
test neg	0.133%	92.473%	92.61%	where cor

2.660% 97.340% 100.00%

False pos. is more than half of total positives TRUE + 2.527%/7.39%

34.2% FALSE + 4.867%/7.39% 65.8% Total 100.00% X 14 = 2.660%

ty of detection where condition exists

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

Specificity

Probability of not detecting where condition doesn't exist True - / (True - & False +)

95%

Example only; sensitivity and specifity not necessarily equal.

USA Excess Deaths, 2020 (from CDC data):

Annualized on 52 weeks

		All Cause	All Cause, excl. CV19	CV19
3	yr average before 2020	859:100,000	859:100,000	-
	2020	1016:100,000	905:100,000	-
	Diff.	157:100,000	46:100,000	111:100,000

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	1
	2022	128:100,000	101:100,000	27:100,000
	Diff.	18:100,000	-10:100,000	27:100,000

Linear Year Projection 3 yr average 859:100.000 -55% of All-Cause excess deaths not CV19 276:100.000

