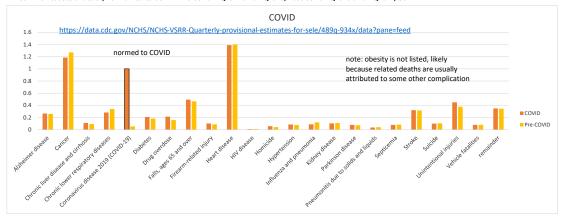
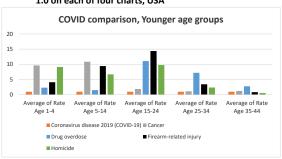
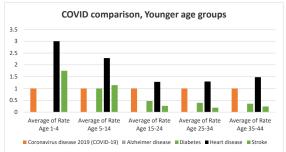
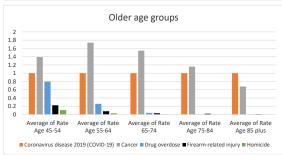
## Common causes of death, normalized to COVID. Pre-Covid: 1Q2017 thru 1Q2020, Post-Covid 2Q2020 thru 1Q2021, USA

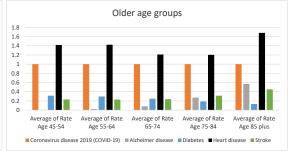


# Relative effect of COVID on various age groups, and compared to cause of death. These are all relative to COVID, which is 1.0 on each of four charts, USA

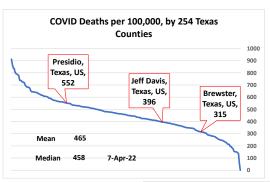


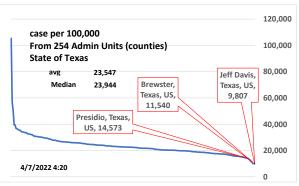


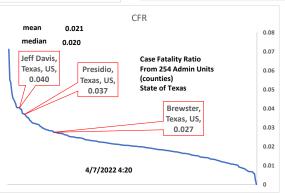


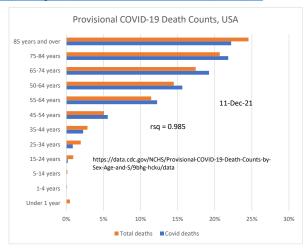


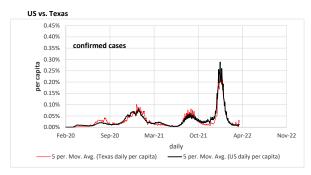
## Texas and Tri-county comparisons



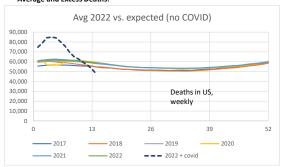


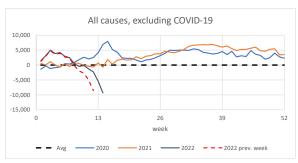


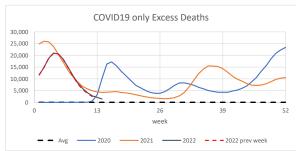


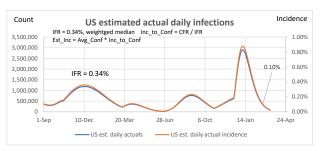


### Average and Excess Deaths:









#### False Positives Demonstration

Use 0.19% as estimated daily incidence

	Positive	Negative		Sensitivity
test pos	2.527%	4.867%	7.39%	Probability of detection
test neg	0.133%	92.473%	92.61%	where condition exists
	2.660%	97.340%	100.00%	True + / (True + & False -)
				95%
False pos. is more than half of total positives.				Specificity
TRUE +	2.527%/7.3	39%	34.2%	Probability of not detecting where
FALSE +	4.867%/7.3	39%	65.8%	condition doesn't exist
Total			100.00%	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

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

## USA Excess Deaths, 2021 (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	-
2021	1052:100,000	909:100,000	-
Diff.	193:100,000	51:100,000	143:100,000

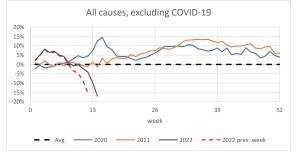
26% of All-Cause excess deaths are non-CV19

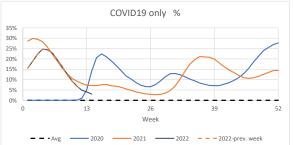
## USA Excess Deaths to date (2022, from CDC data):

Con Excess Beating to date (2022; from CBC data).				
Week 14	All Cause	All Cause, excl. CV19	CV19	
3 yr average before 2020	249:100,000	249:100,000	-	
2022	296:100,000	249:100,000	-	
Diff.	47:100.000	-0.2:100,000	47:100,000	

3 yr average	Linear	Year Projection
859:100,000	0% of All-Cause excess deaths not CV19	176:100,000

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





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. The previous week's data is shown as dashed, to give an idea of the effect of the gradual update.

## Recent exponential growth examples:

