If x people die today from COVID-19, then those people probably

Take the total number of people who have died today (day a): (n).

Take the total number of people who had confirmed covid 14 days before day a: p.

p/ n is the mortality rate

Would need to look at fatalities as of a couple of weeks ago in order to take into account reporting errors/ lags.

COVID-19 Timeline:

**22 days was the time from first symptom until discharge from hospital for survivors. 18.5 days from first symptoms until death for non-survivors. According to the following study:**

<https://www.drugs.com/medical-answers/covid-19-symptoms-progress-death-3536264/>

On average, it will take 13 days according to a UK study for someone to get over COVID-19. <https://covid.joinzoe.com/data>

Turnaroud time for testing in Texas will be approximately: 4-6 days

<https://www.kxan.com/investigations/whats-the-hold-up-people-wait-5-days-for-covid-19-test-results/>

2-4 days according to this

<https://mn.gov/covid19/for-minnesotans/if-sick/get-results/index.jsp>

average of 2-7 days between onset of symptoms and hospitalization. Hospitalization period on average was 16 days.

<https://www.medscape.com/answers/2500114-197447/what-is-the-clinical-progression-of-coronavirus-disease-2019-covid-19>