

Survival rates of Covid-19 patients in the USA based on underlying conditions and age

Based on estimated cases/IFR rates (including asymptomatic and mild unregistered cases):

As of May 13, in the USA, there were **85,540** deaths. IFR rate is according to Santa Clara study **0.17%**, accordingly the projected number of infected cases (including unreported cases, asymptomatic and mild ones) is **50,317,647**.

All age groups:

- deaths with underlying condition: **0.13%**
- survival with underlying condition: **99.87%**
- deaths without known underlying condition: **0.04%**
- survival without known underlying condition: **99.96%**

So, this basically means that of 10,000 infected people with some underlying condition, 13 will die, and 9,987 will survive, whereas from 10,000 infected people without underlying disease, 4 will die and 9,996 will survive.

0 – 17 years old:

- death chance with underlying condition: **0.0012%**
- survival chance with the underlying condition: **99.9988%**
- death chance without underlying condition: **0.0005%**
- survival chance without underlying condition: **99.9995%**

This means, if there are 1 million infected people age between 0-17 years with some underlying condition, 999,988 will survive, 12 will die, whereas from 1 million infected people without underlying disease, 5 will die and 999,995 will survive.

18 - 44 years old:

- death chance with underlying condition: **0.0948%**
- survival chance with the underlying condition: **99.9051%**
- death chance of those without underlying condition: **0.0216%**
- survival chance of those without underlying condition: **99.9784%**

This means, if there are 1 million infected people age between 18-44 years with some underlying condition, 999,051 will survive, 948 will die, whereas from 1 million infected people without underlying disease, 216 will die and 999,784 will survive.

45 - 64 years old:

- death chance with underlying condition: **0.5675%**
- survival chance with the underlying condition: **99.4325%**
- death chance of those without underlying condition: **0.0971%**
- survival chance of those without underlying condition: **99.9029%**

This means, if there are 1 million infected people age between 45-64 years with some underlying condition, 994,325 will survive, 5,675 will die, whereas from 1 million infected people without underlying disease, 971 will die and 999,029 will survive.

65 - 74 years old:

- death chance with underlying condition: **0.5575%**
- survival chance with the underlying condition: **99.4425%**
- death chance of those without underlying condition: **0.1705%**
- survival chance of those without underlying condition: **99.8295%**

This means, if there are 1 million infected people age between 65-74 years with some underlying condition, 994,425 will survive, 5,575 will die, whereas from 1 million infected people without underlying disease, 1,705 will die and 998,295 will survive.

75+ years old:

- death chance with underlying condition: **1.0303%**
- survival chance with the underlying condition: **98.9697%**
- death chance of those without underlying condition: **0.3774%**
- survival chance of those without underlying condition: **99.6226%**

This means, if there are 1 million infected people age of 75 or older with some underlying condition, 989,697 will survive, 10,303 will die, whereas from 1 million infected people without underlying disease, 3,774 will die and 996,226 will survive.