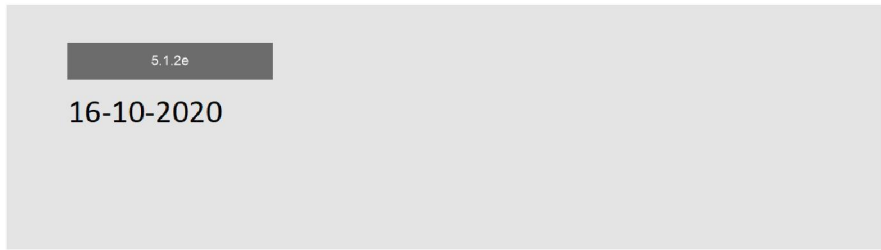


# Case fatality rate COVID-19



# Aanleiding

5.1.2a

Zowel de ernst, verloop en case fatality rate is afhankelijk van onderliggende aandoeningen en neemt toe bij ouderen boven de 70 jaar. (Guan 2020, Huang 2020, Wang W 2020, Haagmans 2020, ECDC 2020a)

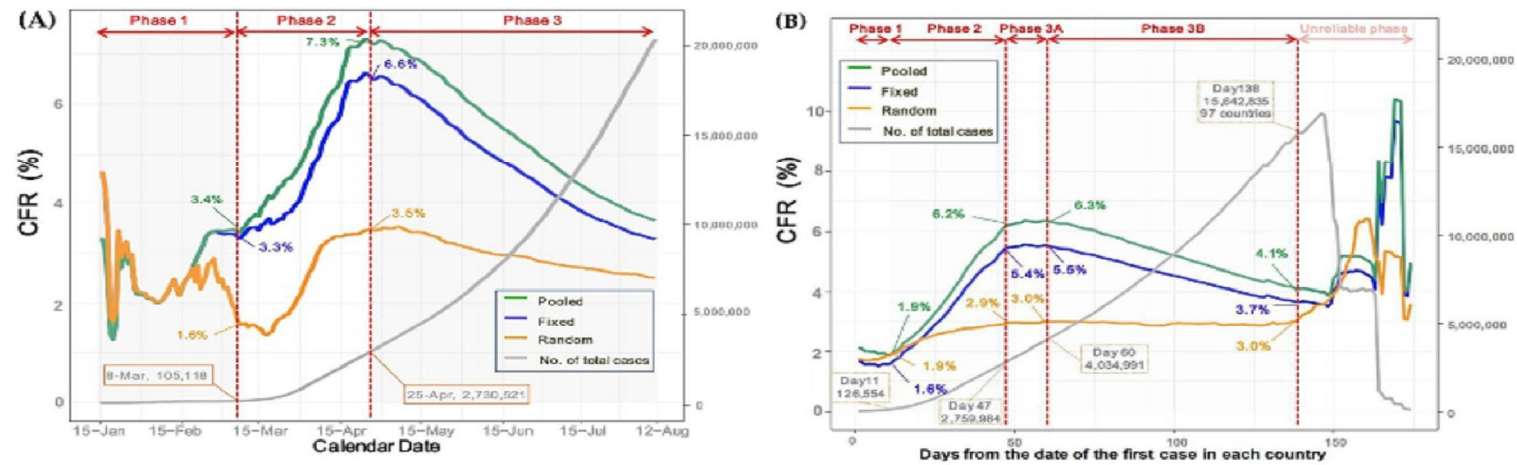
## Definitie WHO

CFR: estimation of proportion of deaths among identified confirmed cases.

IFR: estimation of proportion of deaths among all infected individuals.

ratio VS rate

# Mondiale CFR



Abou Ghayda R, Hwa Lee K, Joo Han Y et al. Estimation of global case fatality rate of coronavirus disease 2019 (COVID-19) using meta-analyses: Comparison between calendar date and days since the outbreak of the first confirmed case. Int J Infect Dis. 2020 Aug 31.

## Mondiale CFR

**Table. Crude and adjusted estimates of case-fatality risk for COVID-19 in 4 populations\***

| Location                               | Cumulative deaths† | Cumulative confirmed cases† | Crude CFR, % | Adjusted deaths‡ | Adjusted cumulative confirmed cases‡ | Adjusted CFR, % (95% CI)§ |
|--|--------------------|-----------------------------|--------------|------------------|--------------------------------------|---------------------------|
| 5.1.2a                                 |                    |                             |              |                  |                                      |                           |
| 82 countries, territories, and areas** | 27                 | 2,285                       | 1.18         | 15               | 354                                  | 4.24 (2.58–6.87)          |
| Cruise ship                            | 6                  | 706                         | 0.85         | 4                | 634                                  | 0.63 (0.25–1.61)          |

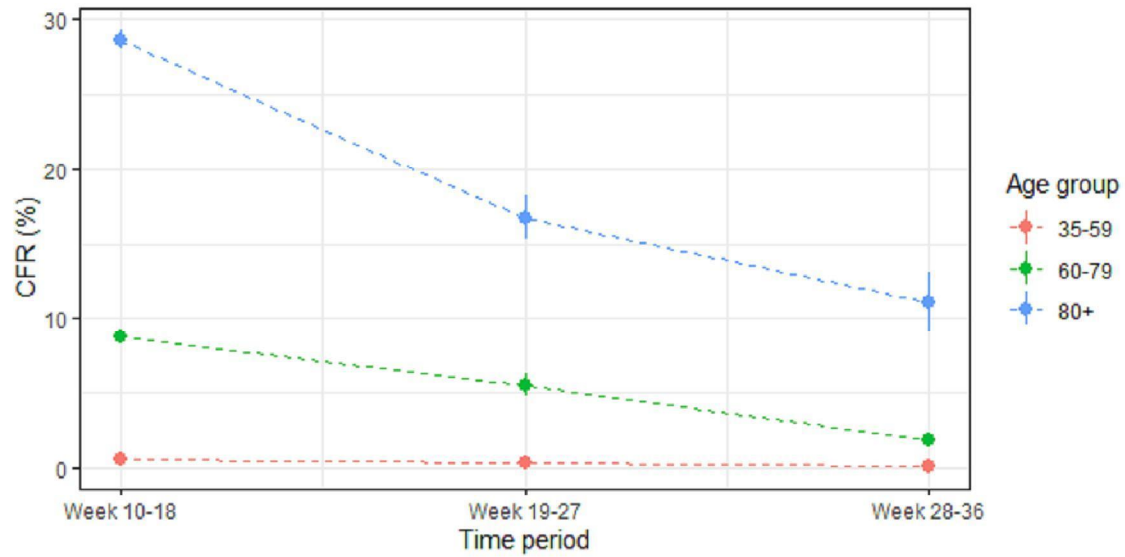
Wilson N, Kvalsvig A, Telfar Bernard L et al. Case-Fatality Risk Estimates for COVID-19 Calculated by Using a Lag Time for Fatality. *Emerg Infect Dis.* 2020 Jun.

## CFR per land

| Land                | CFR  | Testincidentie<br>(aantal testen per<br>dag/1000 inwoners)* | Aantal testen per bevestigde patiënt |
|---------------------|------|---|--------------------------------------|
| Verenigd Koninkrijk | 9,8% | 334   | 40,8                                 |
| Zweden              | 6,4% | 182   | 44,6                                 |
| Nederland           | 5,9% | 159   | 11,4                                 |
| Duitsland           | 3,3% | 197   | 90,6                                 |
| Denemarken          | 2,5% | 727   | 80,4                                 |
| Noorwegen           | 2,0% | 180   | 89,7                                 |

\*7-day rolling average

## CFR per leeftijdscategorie



The Centre for Evidence-Based Medicine – Declining COVID-19 case fatality rates across all ages: analysis of German data. Published: 09-09-2020.

<https://www.cebm.net/covid-19/declining-covid-19-case-fatality-rates-across-all-ages-analysis-of-german-data/>

# Conclusie

