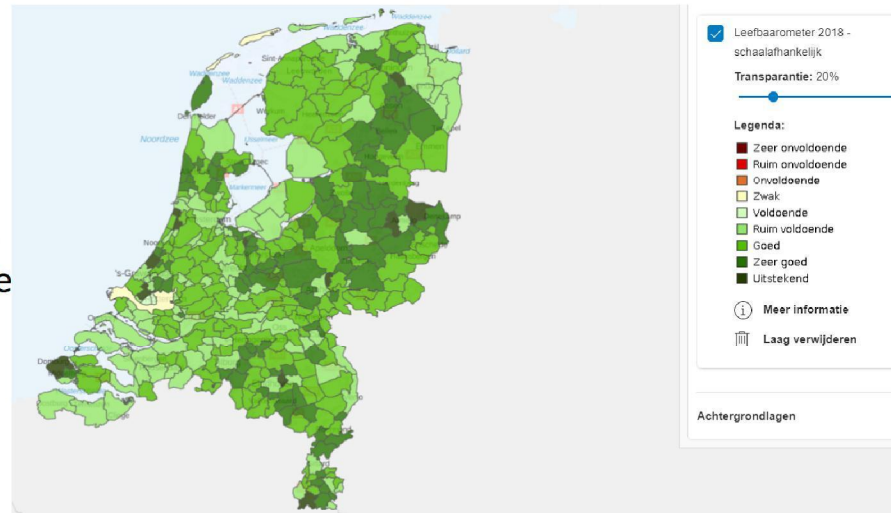


A spatial forecast model

5.12e 5.12e

Background

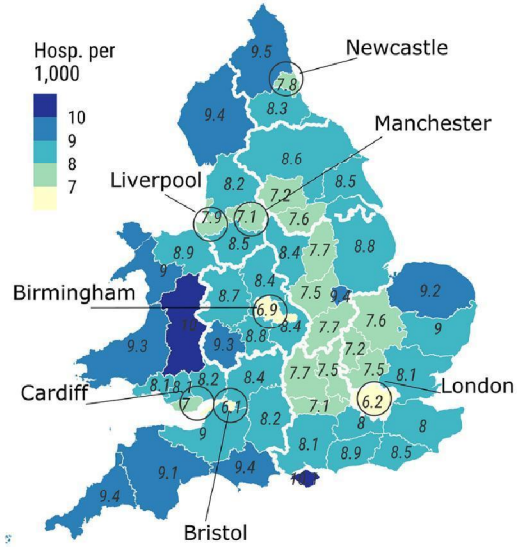
- Living environment
 - Social and fysical
- Omgevingswet
- Respiratory infections
 - High burden of disease
 - Influenza
 - COVID-19
 - Airborne disease
 - Pandemics
 - SARS
 - MERS



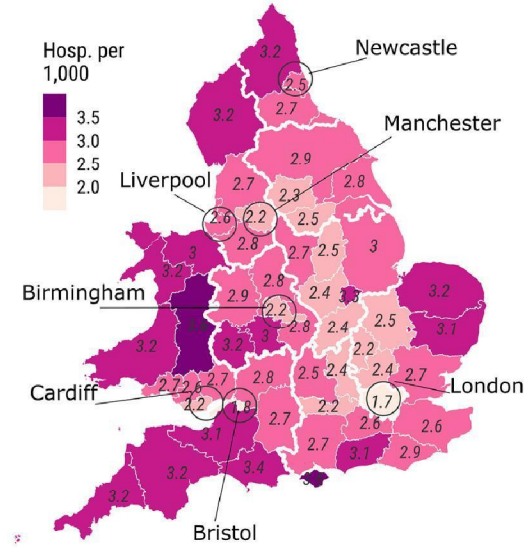
Forecasting spatial, socioeconomic and demographic variation in COVID-19 health care demand in England and Wales

5.12e13 5.12e 5.12e David M. Brazel, Jennifer Beam Dowd, Ilya Kashnitsky & Melinda C. Mills *BMC Medicine* volume 18, Article number: 203 (2020) [Cite this article](#)

A



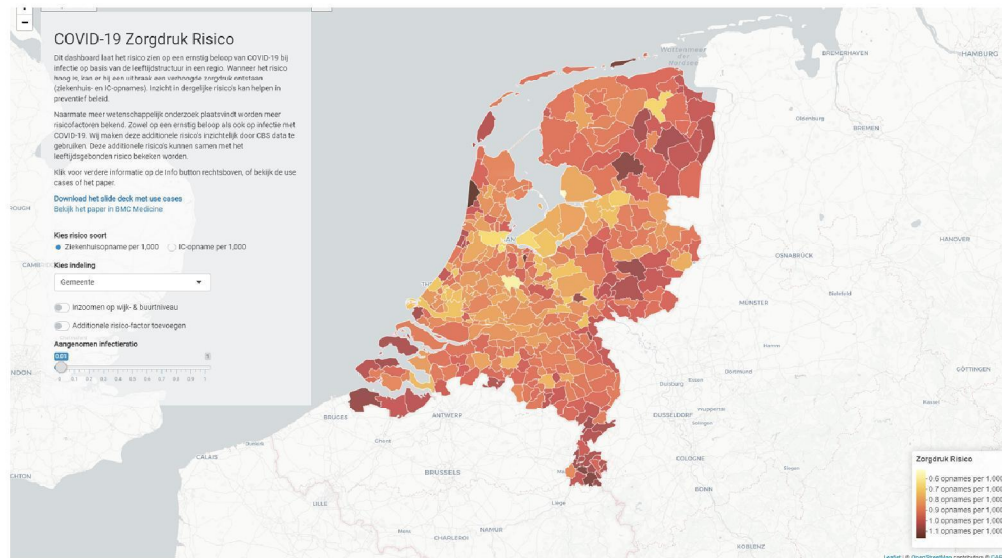
B

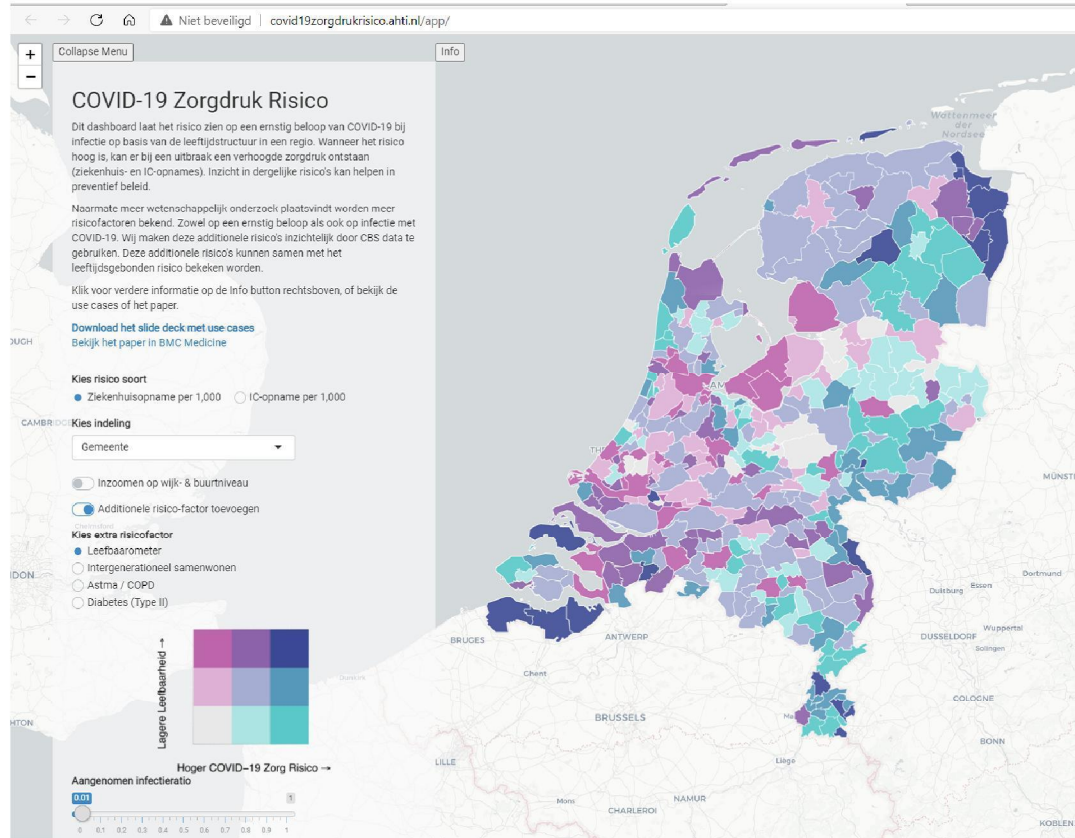


County expected hospitalization (per 1,000) for general care (a) and critical care (b) in case of a 10% overall infection. England & Wales Source: Leverhulme Center for Demographic Science (using data from ONS, NHS and StatsWales)

AHTI (Amsterdam Health Technology Institute)

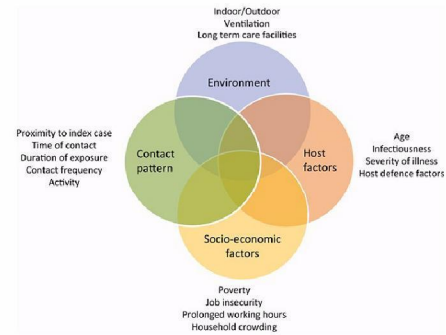
- covid19zorgdrukrisico.ahti.nl/app/





Conceptual model

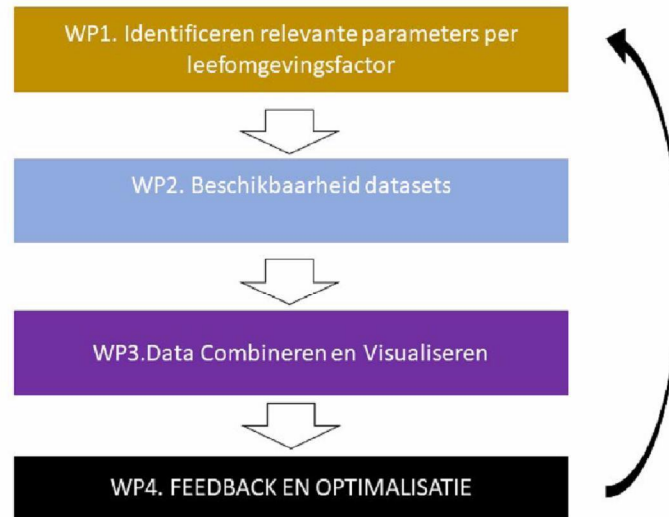
Figure 1. Factors influencing transmission dynamics. Transmission depends on several factors, including contact ...



Clin Infect Dis, ciao1442, <https://doi.org/10.1093/cid/ciaa1442>
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Project



Project group

Project leader: [5.1.2e] [5.1.2e], during maternity leave [5.1.2e] [5.1.2e] [5.1.2e]

WP 1:

- [5.1.2e] [5.1.2e] [5.1.2e] [5.1.2e]
- [5.1.2e] [5.1.2e]
- [5.1.2e] [5.1.2e]

WP 2:

- [5.1.2e] [5.1.2e]
- [5.1.2e] [5.1.2e]
- [5.1.2e] [5.1.2e]
- AHTI

Connection to other projects

- SPR SMAP +
- SPR Data
- SPR GOUD
- Complex
- Atlas leefomgeving
- Volksgezondheidzorg.info