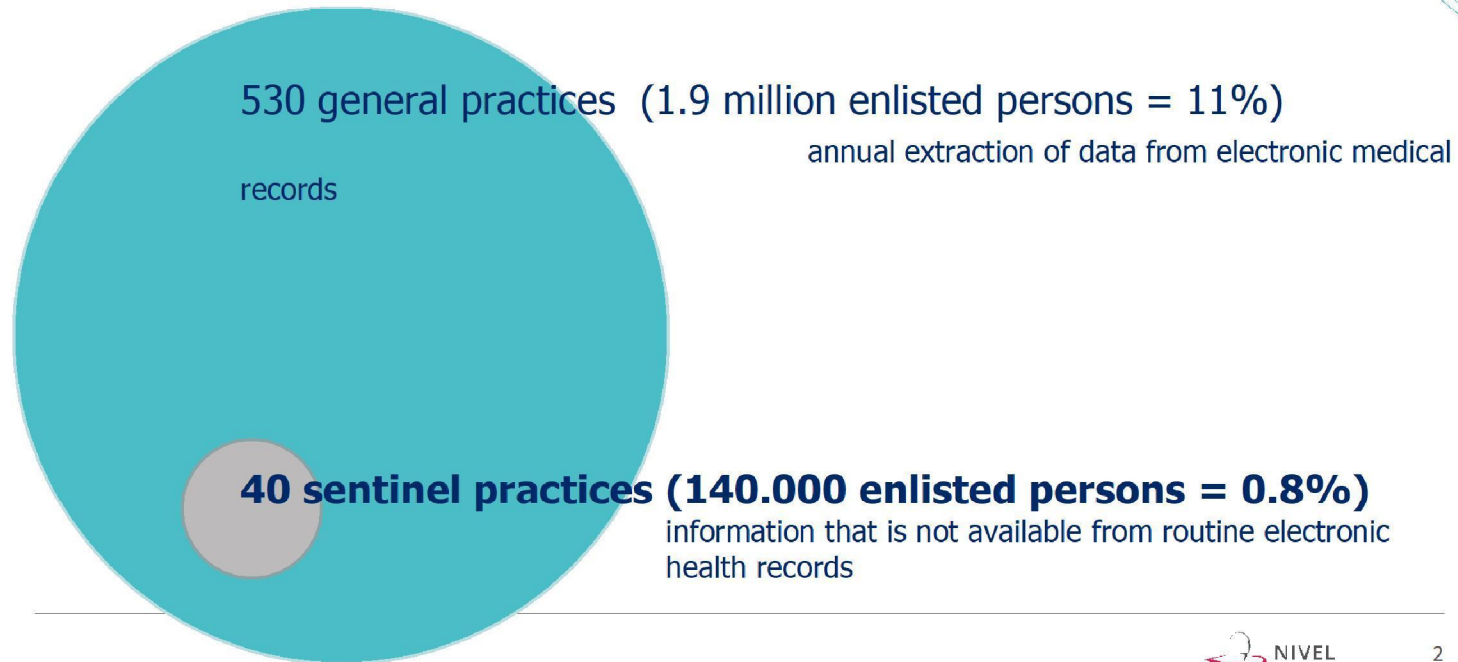


Nivel Primary Care Database

COVID-19 surveillance

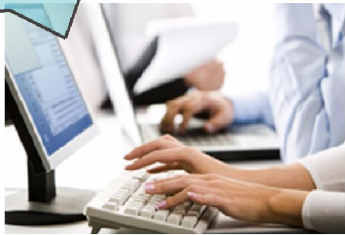


General practitioners

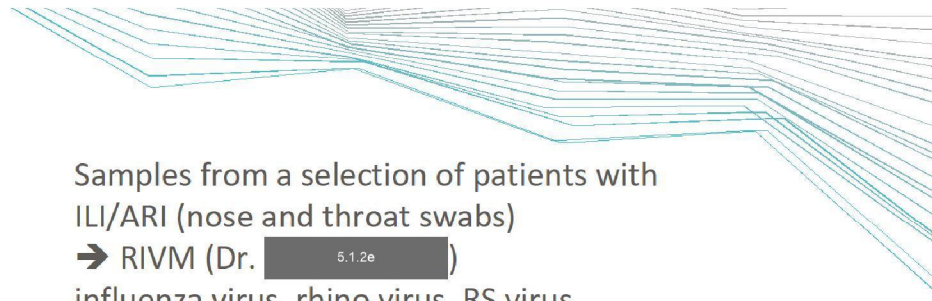


Influenza surveillance

Acute respiratory infection: ILI yes/no?



→ ILI incidence

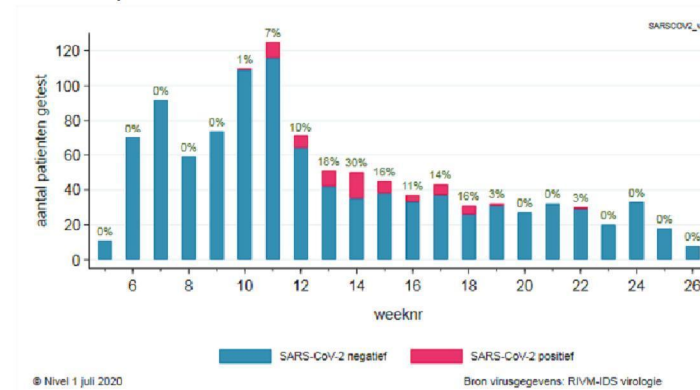


Samples from a selection of patients with ILI/ARI (nose and throat swabs)

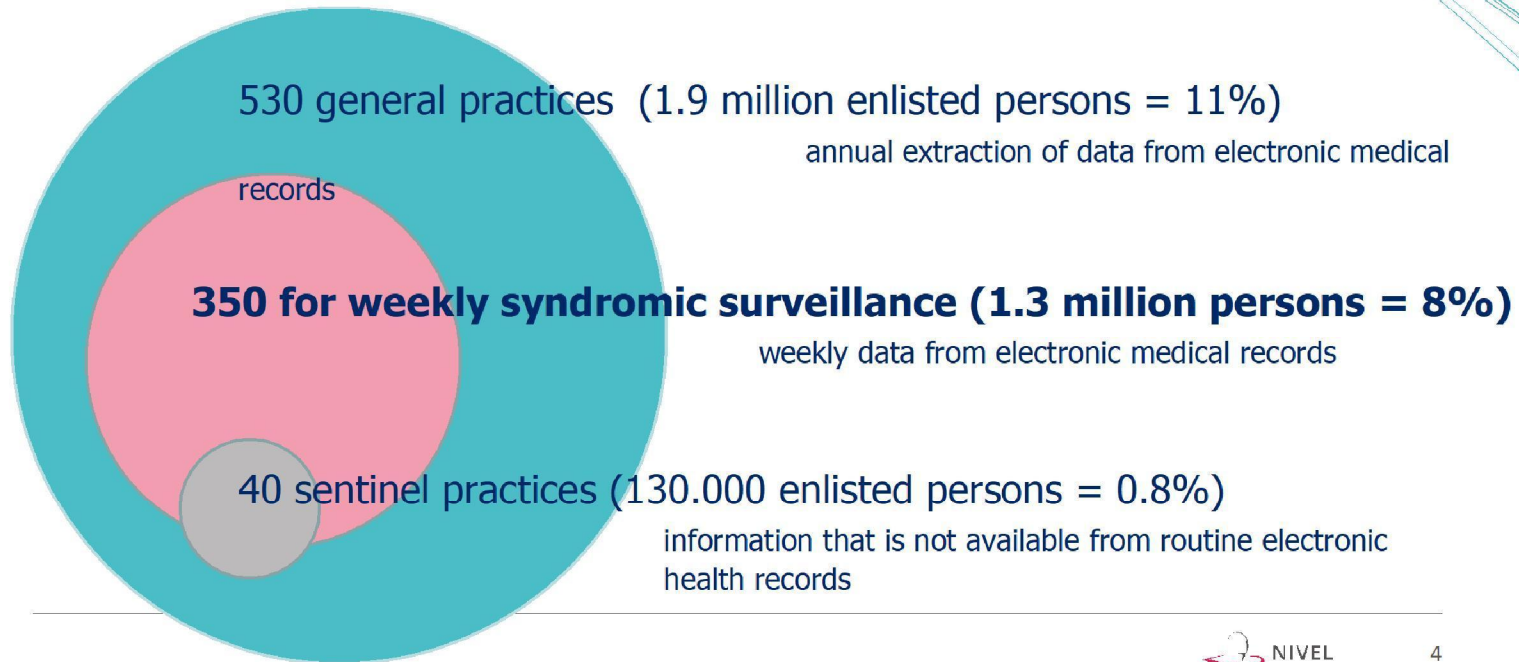
→ RIVM (Dr. 5.1.2e)

influenza virus, rhino virus, RS virus, enterovirus

week 5, 2020: SARS-CoV-2



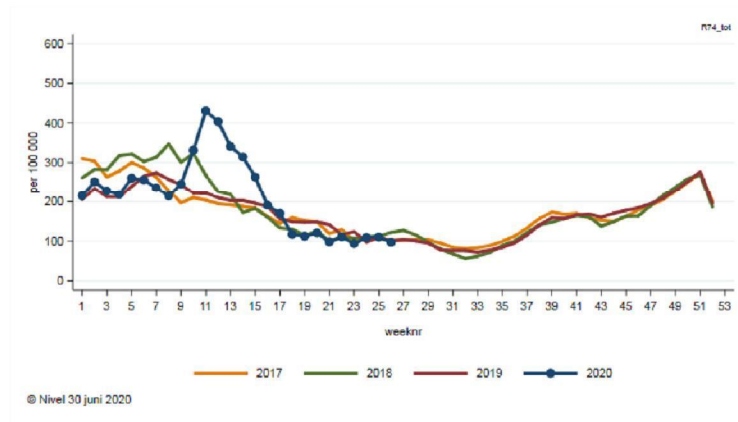
General practitioners



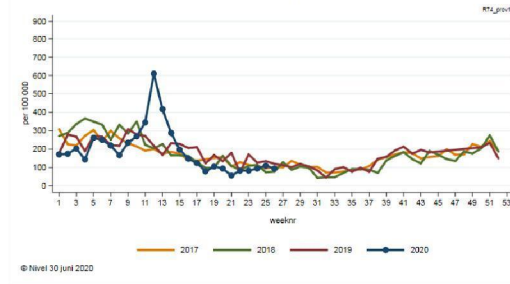
Clinical diagnosis codes (ICPC)

R74 – Acute upper respiratory infection

Netherlands



Province Groningen

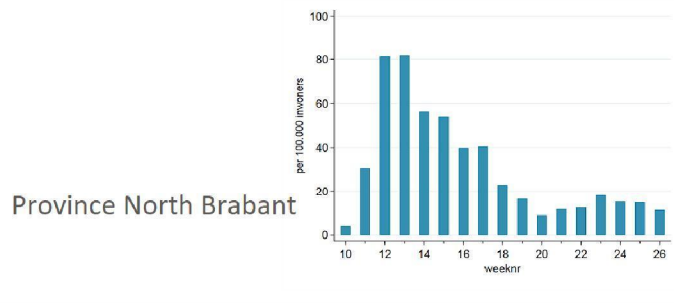
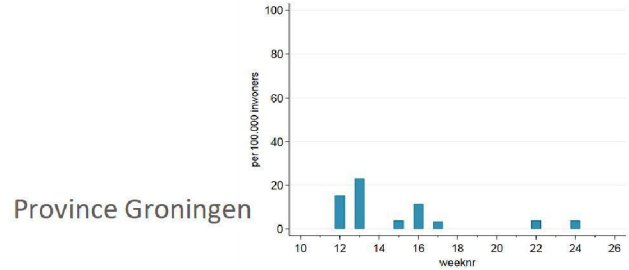
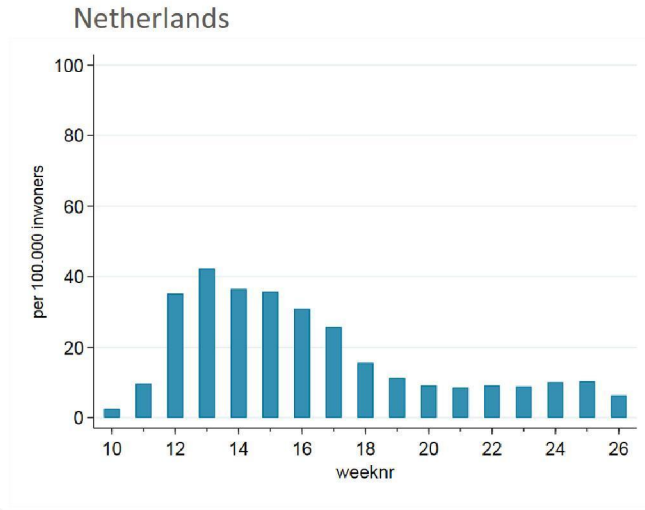
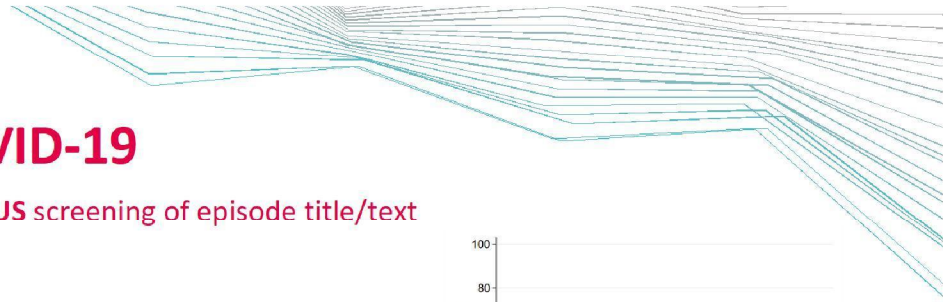


Province North Brabant

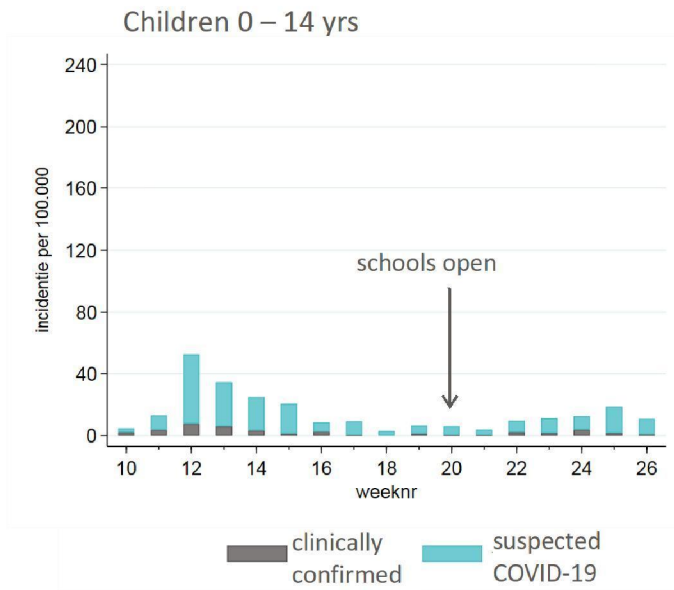


Clinically confirmed COVID-19

COVID-19 related diagnosis (ICPC) codes **PLUS** screening of episode title/text



Suspected COVID-19



coronadashboard.rijksoverheid.nl/



Lessons learned

- Changes in health care seeking behaviour
Do not go to the GP, unless severe symptoms
- Changes in organization of primary health care
Dedicated COVID-19 health care centres
- Large geographic differences
- Changes in use of diagnosis codes
- Flexibility to include SARS-CoV-2 testing (RIVM) and text mining (Nivel)

Research
for better care

5.1.2e

5.1.2e

5.1.2e

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www.nivel.nl/surveillance