National Institute for Public Health
and the Environment
Ministry of Health, Welfare and Sport

ICD-11
In The Netherlands

Klasifikon 2023, Coen van Gool

Outline

› The Netherlands healthcare system

› Current use of WHO classifications

› ICD-11 preparation

– Translation

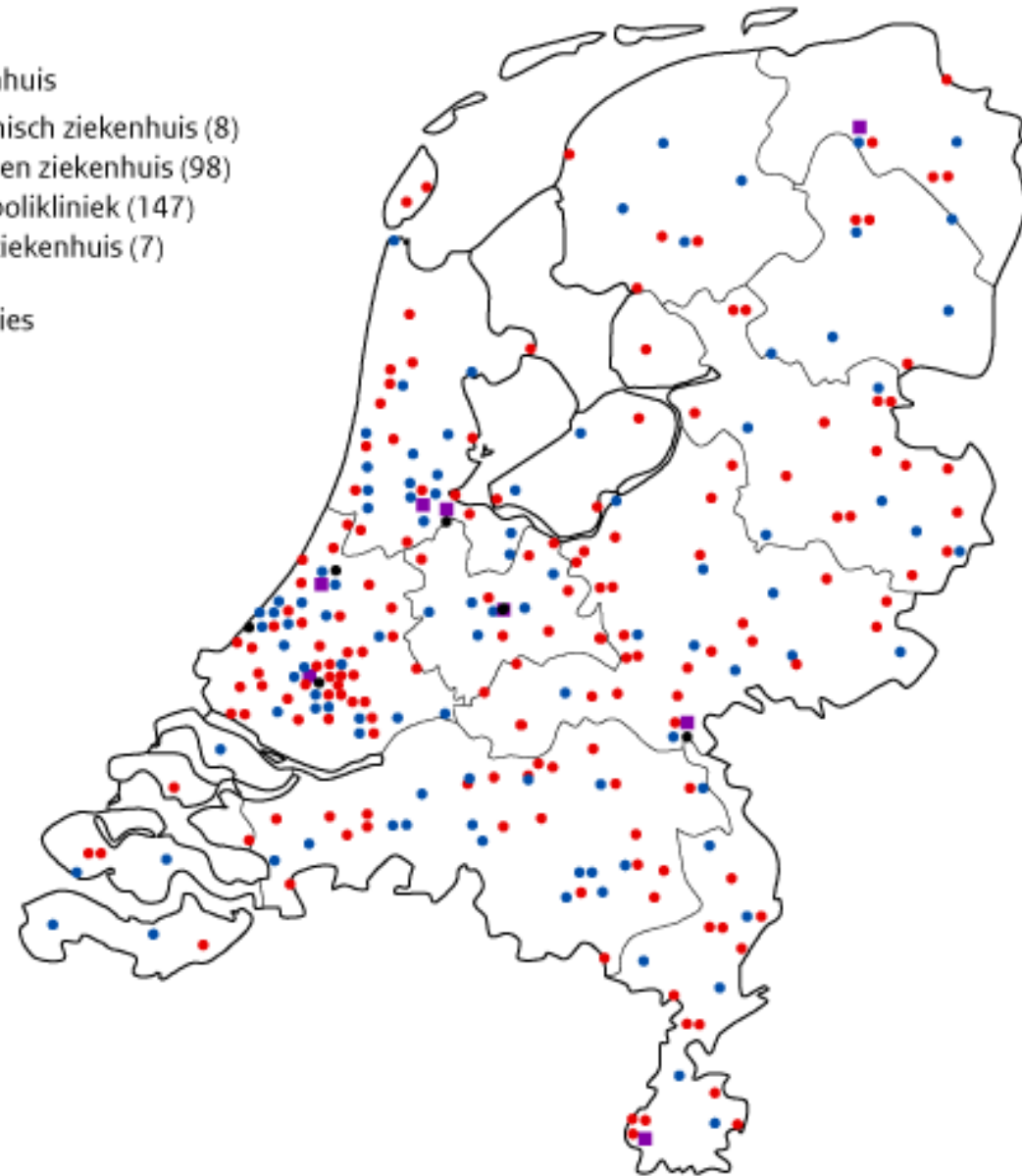– Education

– Implementation

› (Inter)national developments

The Netherlands health care system

› Half the size of Czechia, almost double amount of people

› 8 UMCs, 98 general hospitals, 147 outpatient clinics

› Mandatory basic health insurance

› Health Care Institute determines what health care is insured

› Health Care Authority determines maximum prices

Soort ziekenhuis
- ■ Academisch ziekenhuis (8)
- ● Algemeen ziekenhuis (98)
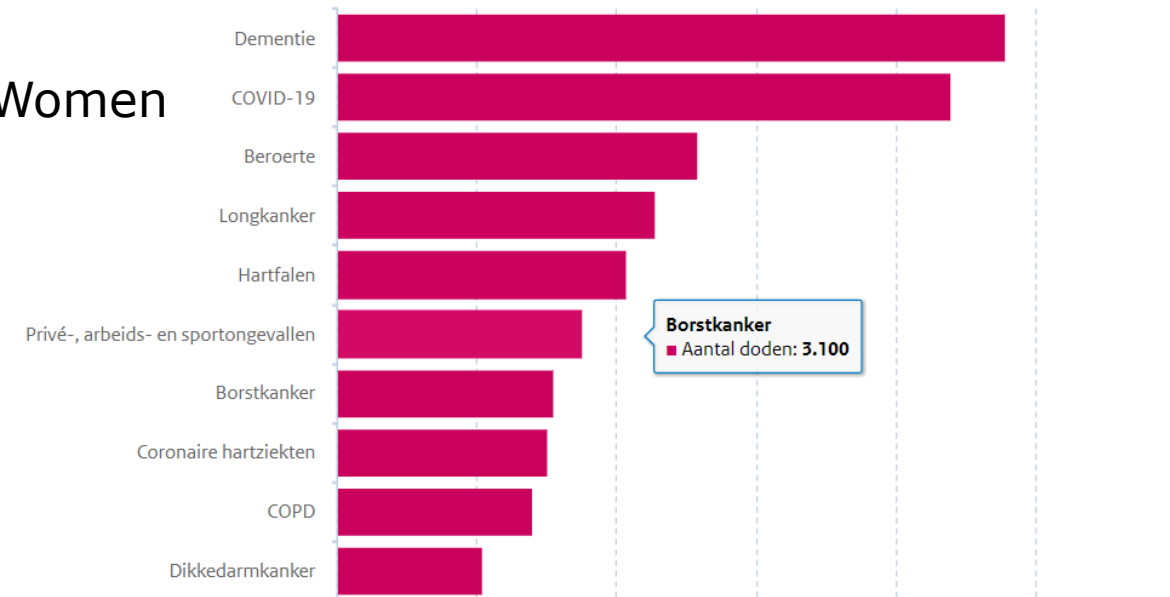- ● Buitenpolikliniek (147)
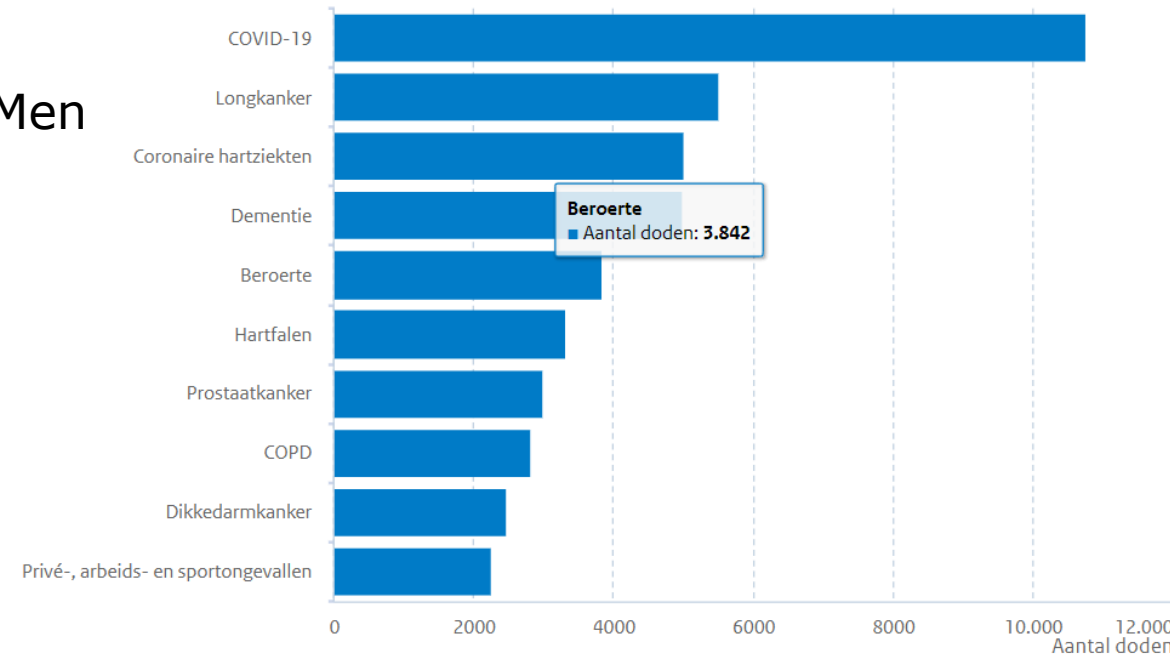- ● Kinderziekenhuis (7)
- — Provincies

Ziekenhuiszorg | Regionaal | Locaties | Volksgezondheid en Zorg (vzinfo.nl)
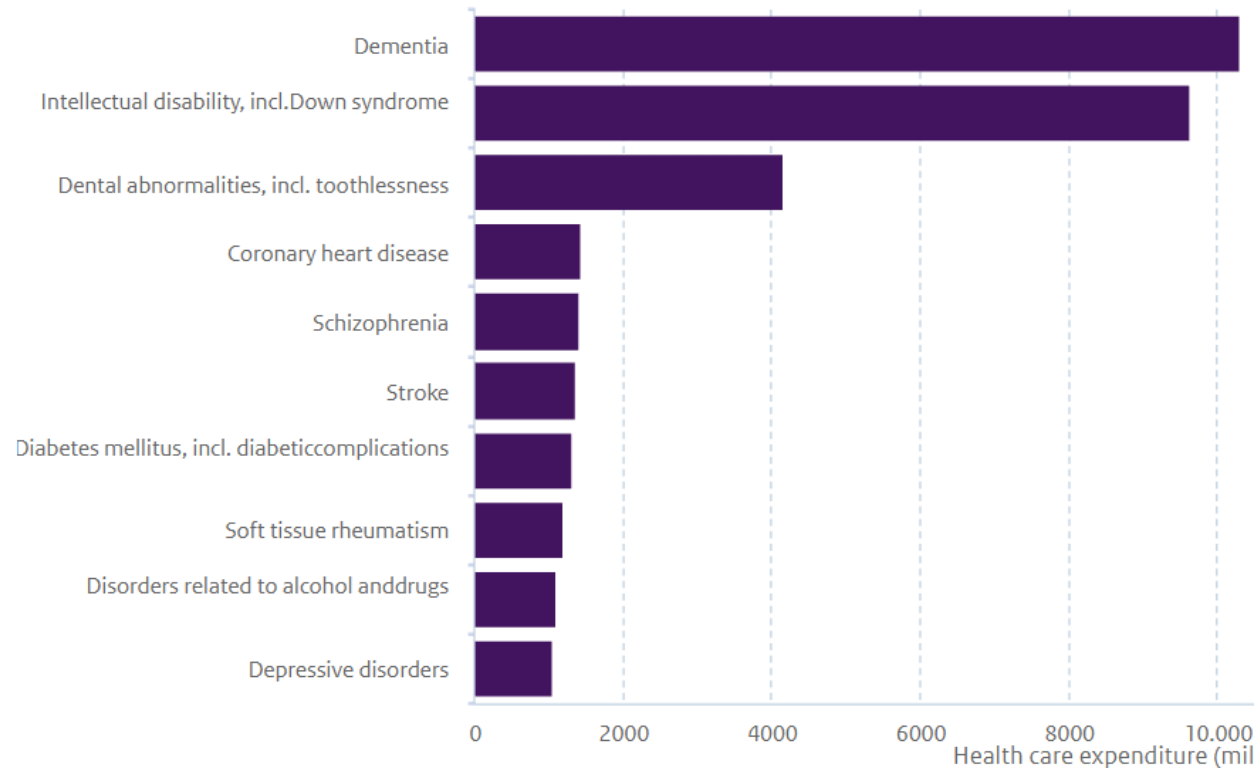
Current use of WHO classifications

› **Civil registration: ICD-10**

› Hospital care: ICD-10

› General practice: ICPC

› Rehabilitation: ICF

› Mental Health Care: DSM-5

Top 10-lijst sterfte op basis van doodsoorzaken in 2021

Women

- Dementie
- COVID-19
- Beroerte
- Longkanker
- Hartfalen
- Privé-, arbeids- en sportongevallen
- Borstkanker
- Coronaire hartziekten
- COPD
- Dikkedarmkanker

Borstkanker
■ Aantal doden: **3.100**

Top 10-lijst sterfte op basis van doodsoorzaken in 2021

Men

- COVID-19
- Longkanker
- Coronaire hartziekten
- Dementie
- Beroerte
- Hartfalen
- Prostaatkanker
- COPD
- Dikkedarmkanker
- Privé-, arbeids- en sportongevallen

Beroerte
■ Aantal doden: **3.842**

0   2000   4000   6000   8000   10.000   12.000
Aantal doden

Current use of WHO-FIC classifications

› Civil registration: ICD-10

› **Hospital care: ICD-10**

› General practice: ICPC

› Rehabilitation: ICF

› Mental Health Care: DSM-5

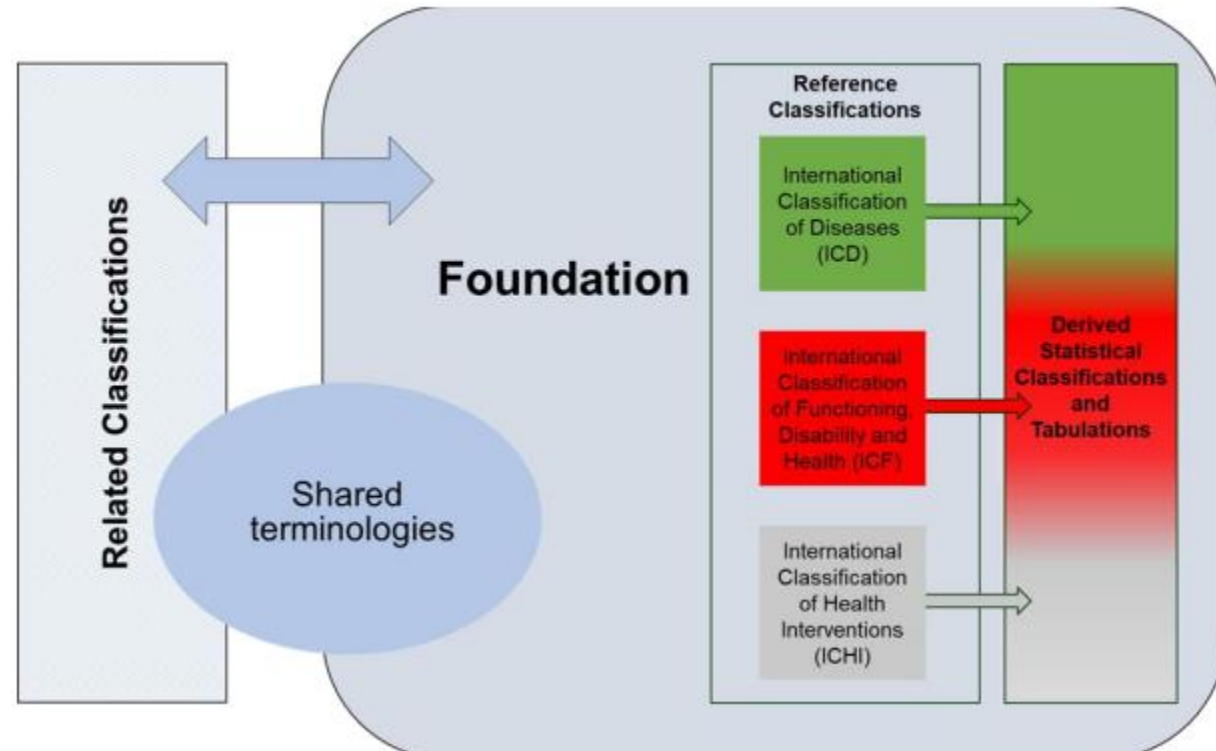## Top 10 list of disorders based on health care spending 2019

Source: Cost of Diseases

Ranglijsten | Aandoeningen op basis van zorguitgaven | Volksgezondheid en Zorg (vzinfo.nl)
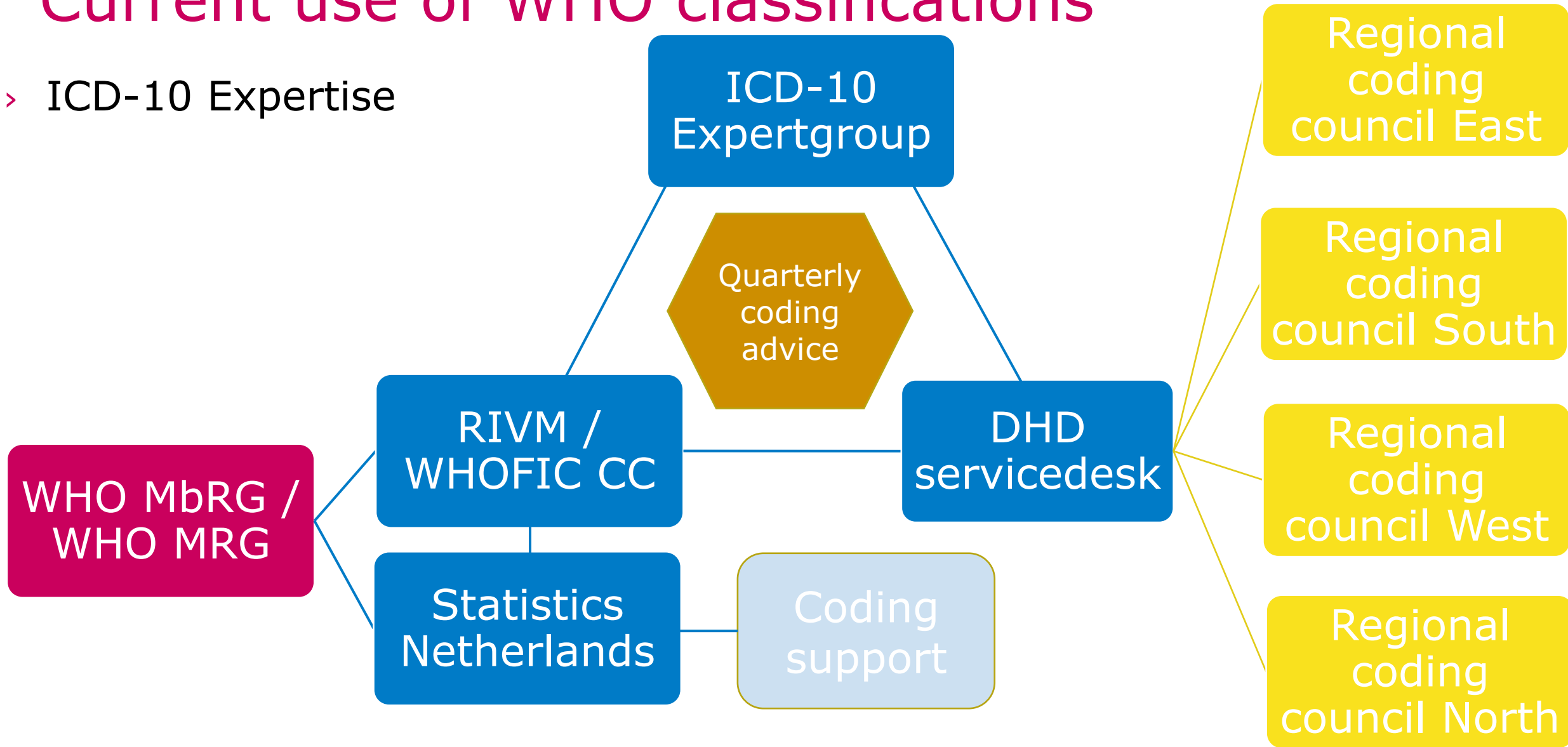
Current use of WHO classifications

› Civil registration: ICD-10

› Hospital care: ICD-10

› **Rehabilitation: ICF**

› **General practice: ICPC**

› **Mental Health Care: DSM-5**

who-fic-family-paper.pdf

Current use of WHO classifications

› ICD-10 Expertise

ICD-11

TRANSLATION	EDUCATION	IMPLEMENTATION
› Initiate › Verify › Validate › Reference guide › User interface › Foundation component	› WHO academy / e-learning › Transition course › Vendor package	› Ministry of Health › Implementation advice › Morbidity › Mortality › Integration › 2024

Translation ICD-11 plans

	INITIATE	VERIFY	VALIDATE
Reference guide	Translation agency (end 2023)	Expertgroup ICD-10 Statistics Netherlands (mid 2024)	Pilot use period – Expertgroup ICD-10 & Statistics Netherlands (finalized in 2027)
User interface terms (coding tool, blue browser, etc)	AI (end 2023)	RIVM (mid 2024)	NICTIZ (finalized in 2024)
Foundation component	AI-assisted (end 2025)	Clinical coding community, ICD-10 Expertgroup (end 2026)	Internet consultation per medical specialty (finalized in 2027)

ICD-11

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ICD-11

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IMPLEMENTATION

> Ministry of Health

> Implementation advice

> Morbidity

> Mortality

> Integration in the system

> Stakeholders

> 2024

National developments

› Law on digital exchange of health information

› Focus on standardization and certification

› Vendor lock-in

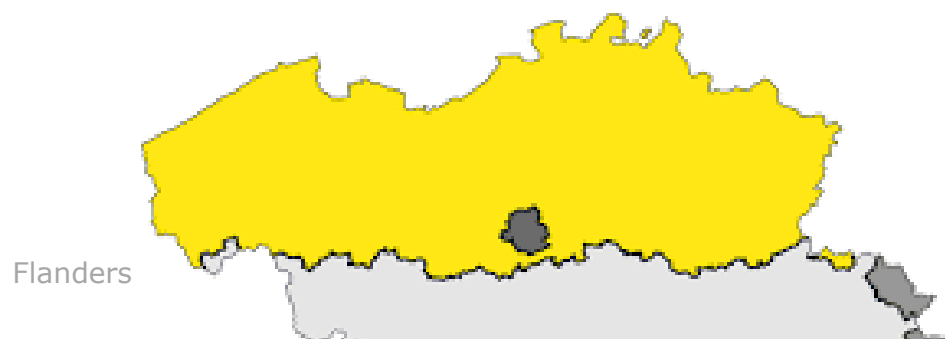› Secondary use of health data

› Health and care information models

International developments

› European Health Data Space

  – Digital health authority | MyHealth@EU

  – Health data access body | HealthData@EU

› IRIS user group | CoD statistics

› Dutch language area

Flanders

Děkuji za pozornost!

Coen.van.Gool@rivm.nl