

Maternal mortality

Ashna D. Mohangoo

Marie-Helene Bouvier-Colle

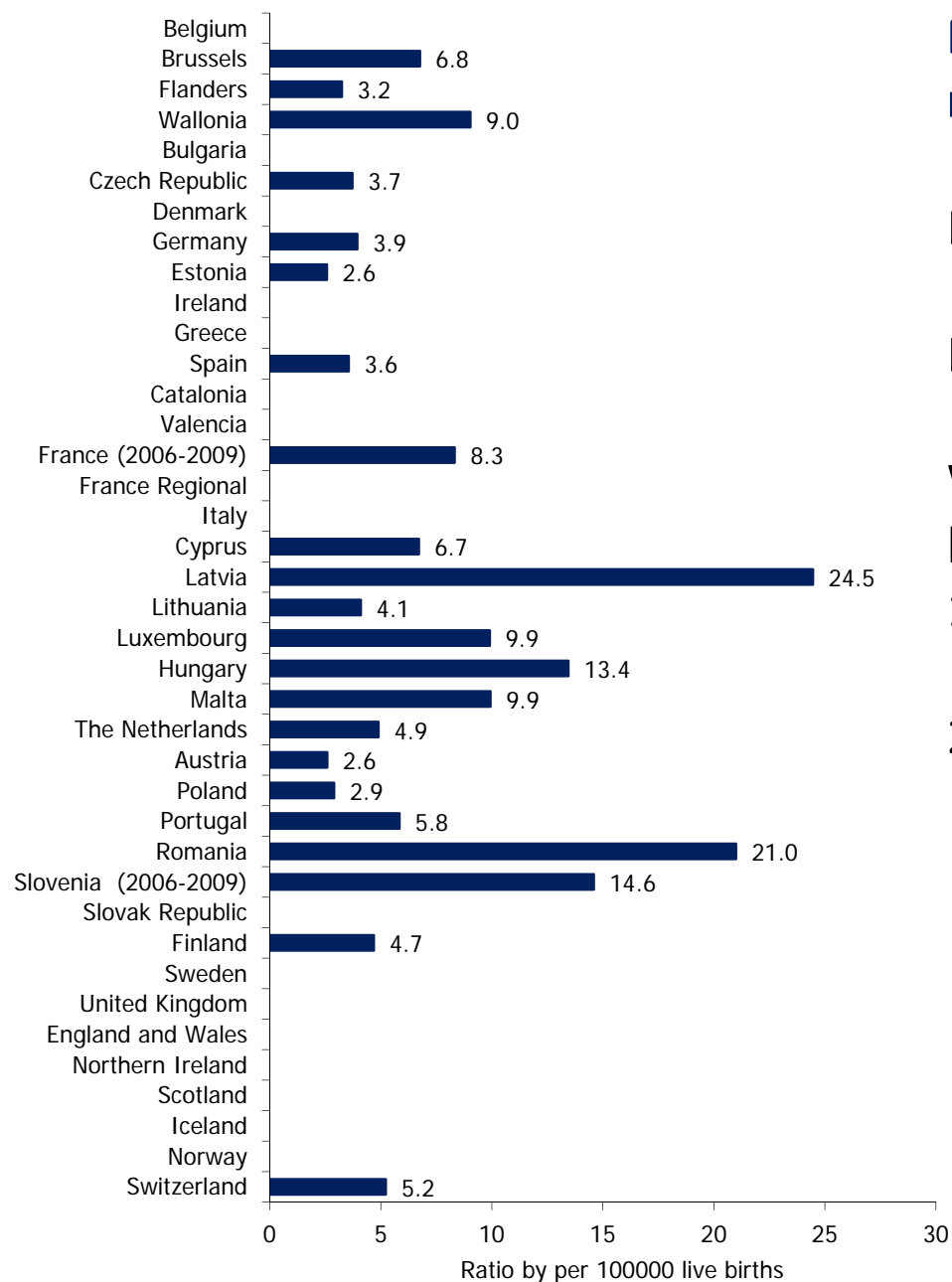
Jennifer Zeitlin

Euro-Peristat rules

- Euro-Peristat collects data on maternal deaths during pregnancy, delivery and 42 days post partum.
- Data are collected from routine cause of death statistics and enhanced systems for 5 consecutive years
- Core data by maternal age subgroups are collected for maternal deaths and live births
- Recommended data are collected on cause of death

Definition

- Maternal mortality ratio is defined as the number of maternal deaths per 100,000 live births



Maternal mortality ratios from routine cause of deaths statistics

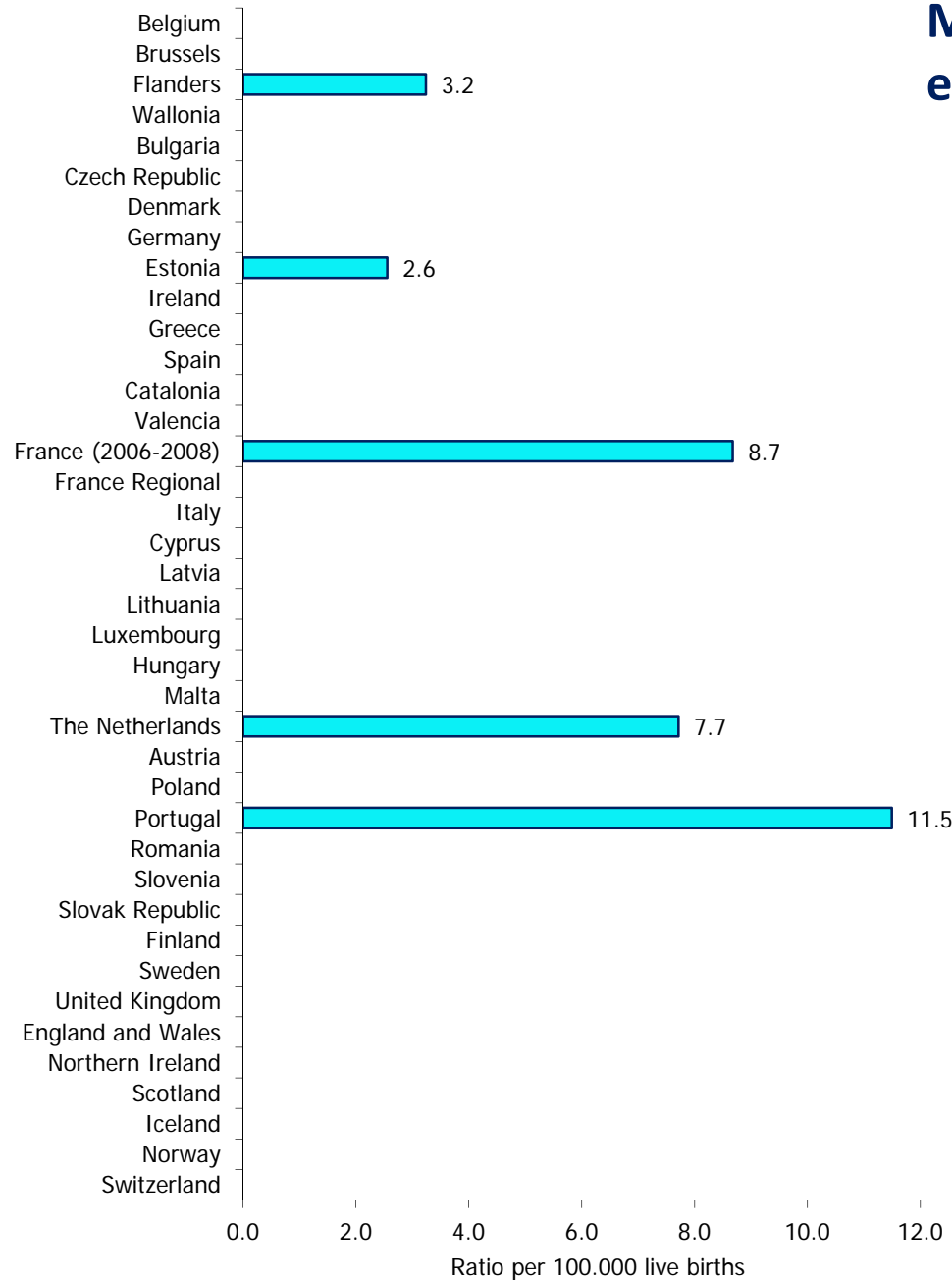
Range 2.6-24.5 per 100,000 live births

Highest rates $\approx 8x$ higher than lowest

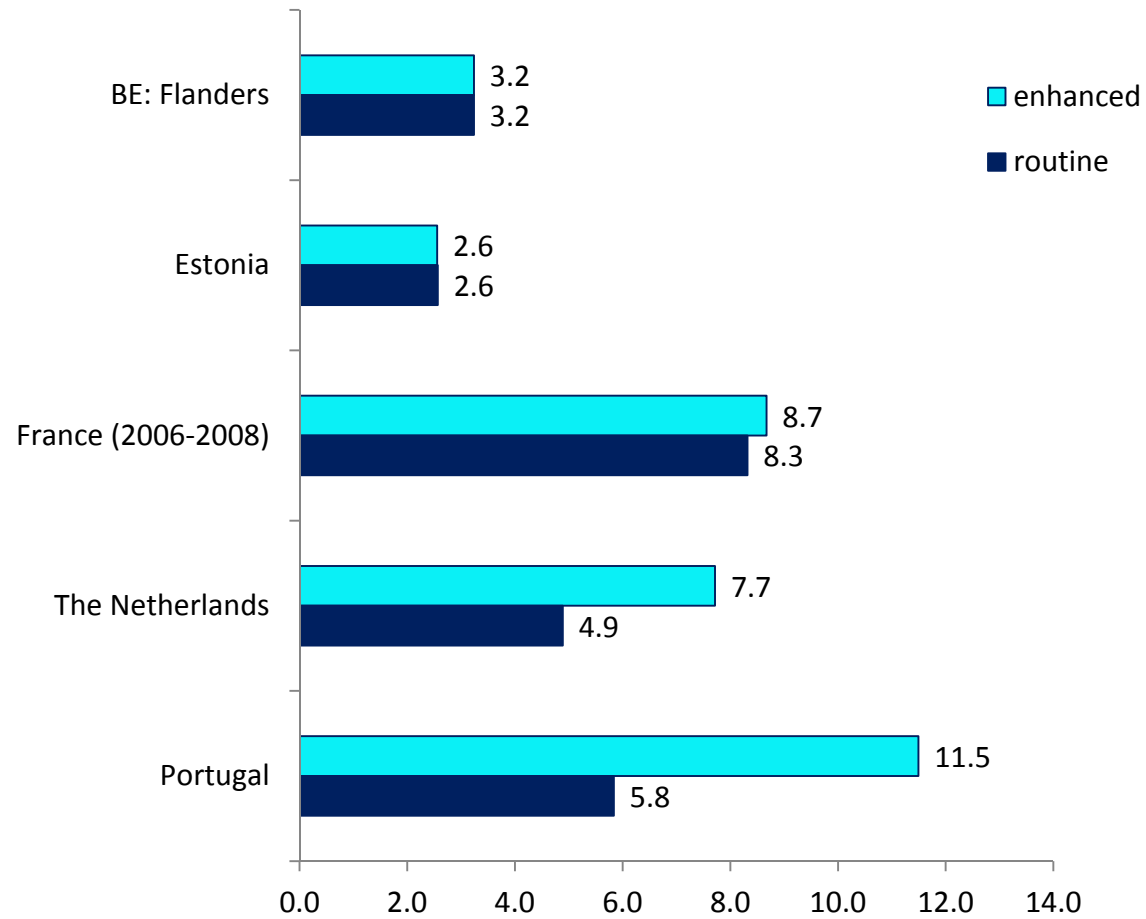
Weighed average **6.4 per 100,000** live births (1,052 maternal deaths over 16,335,180 live births)

2004: 6.6 per 100,000 live births

Maternal mortality ratios from enhanced systems



Routine vs. Enhanced



Conclusions

- Large variability in maternal mortality ratios in European countries
- Not many enhanced systems
- Underreporting of maternal deaths probable
(Bouvier-Colle, 2012)
- Discussion points:
 - Comments on quality of data
 - How should these data be presented?