

SST results (2024) and gaps in stroke care

Hanne Christensen
SAFE Members meeting, June 23rd 2026

Data collection 2024

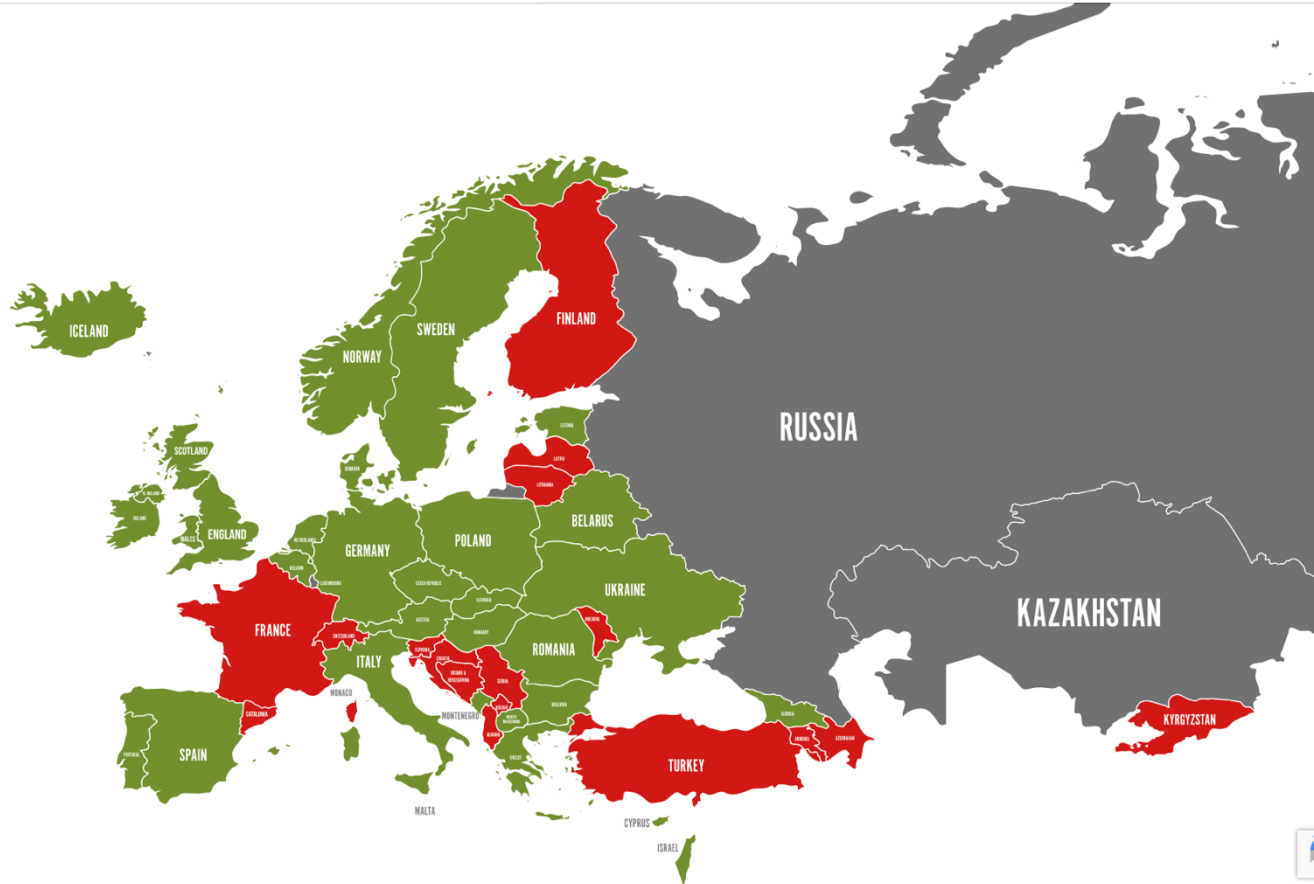
- 49 participating countries
 - All but one completed circle including responding to queries
- 1,389,325 stroke events were reported
 - 1,154,801 ischaemic (83.1%) (blood clot in brain)
 - 168,405 haemorrhagic strokes (12.1%) (bleeding in brain)
 - 66,119 not specified (4.8 %)
- Previous stroke: European mean 16%
- Median 30-day survival (30 days mortality, if not available discharge mortality)
 - 87% overall
 - 89% ischaemic stroke
 - 70% haemorrhagic stroke

KPI 1: National stroke plan



KPI 2: Patient involvement

● Yes
● No
● Not responded

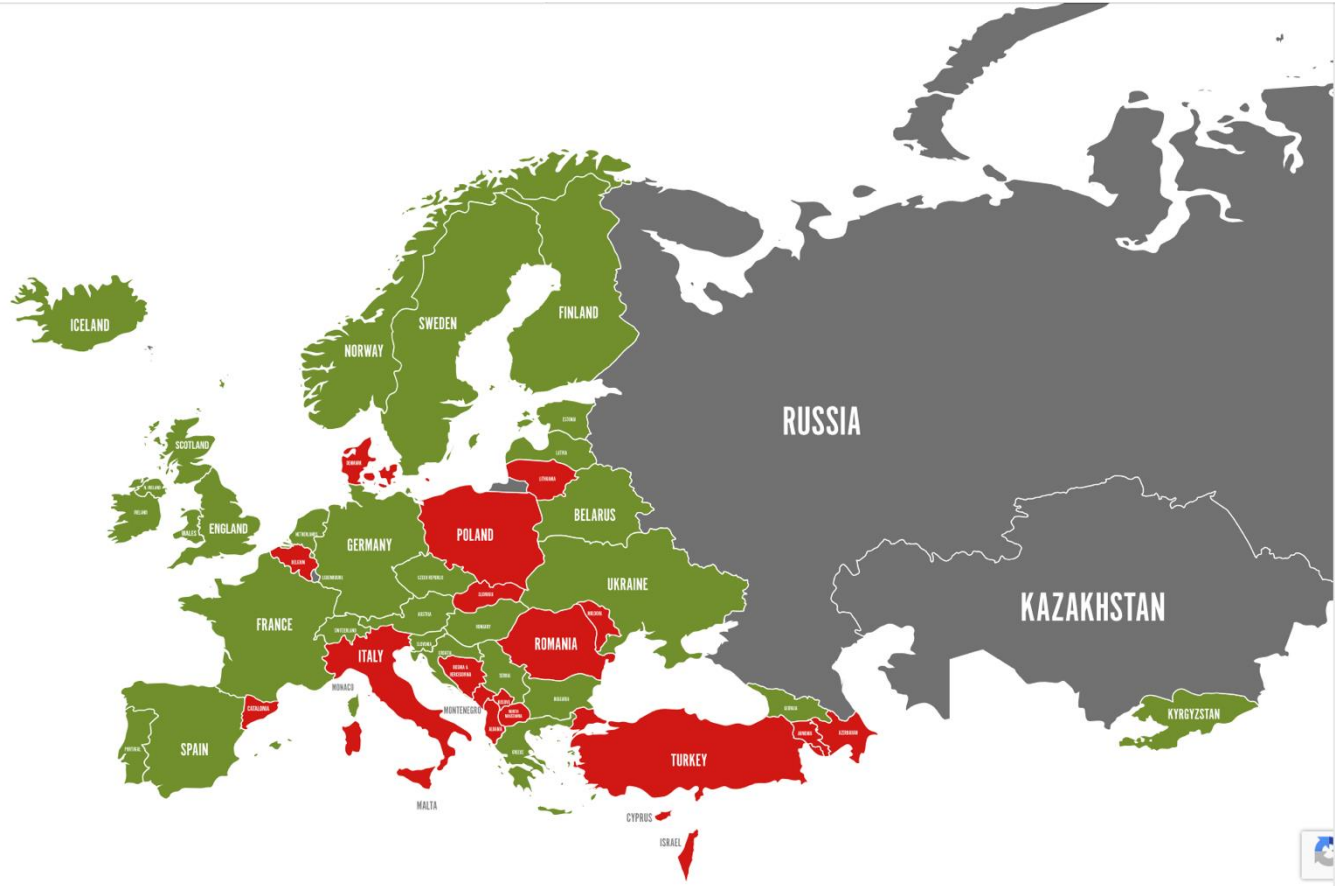


31/49 (63%) in 2024
29/47 in 2023

KPI 3a – Primordial and Primary Prevention Plan

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● Yes
● No
● Not responded

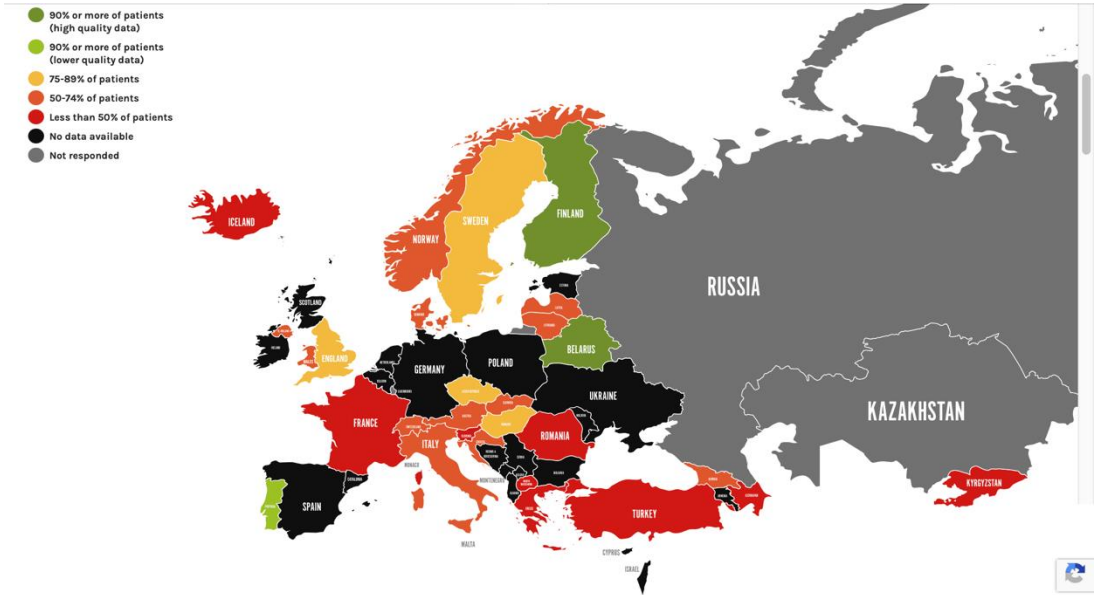


29/49 (59%) 2024
24/47 in 2023

KPI 6a & b Stroke unit admission

**Admission to stroke unit care
11/37 (30%)**

**Stroke unit care within 24 hours of
hospital admission: 3/29 (10%)**



European mean based on countries: 68% (SD 27; range 4-100%)

Based on number of patients 57%

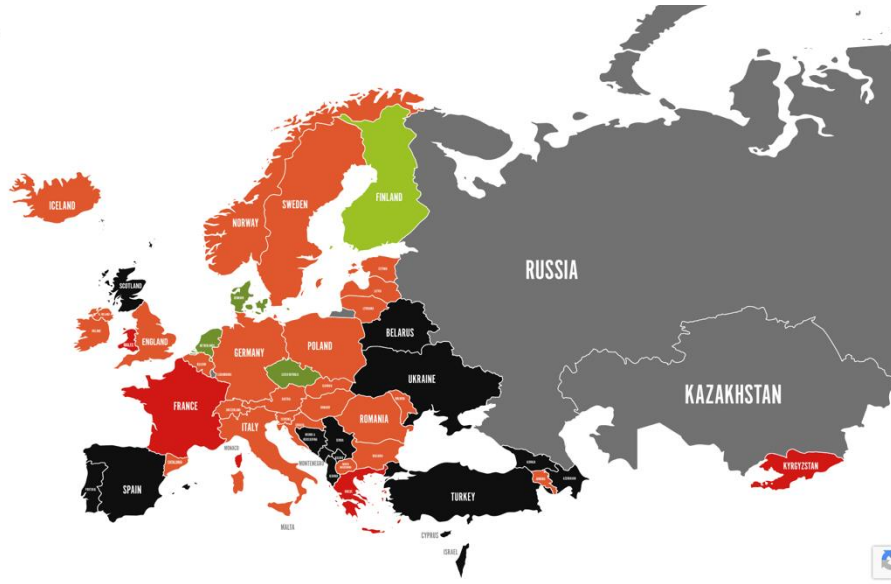
No progress from 2023

KPI 7a & 7c thrombolysis

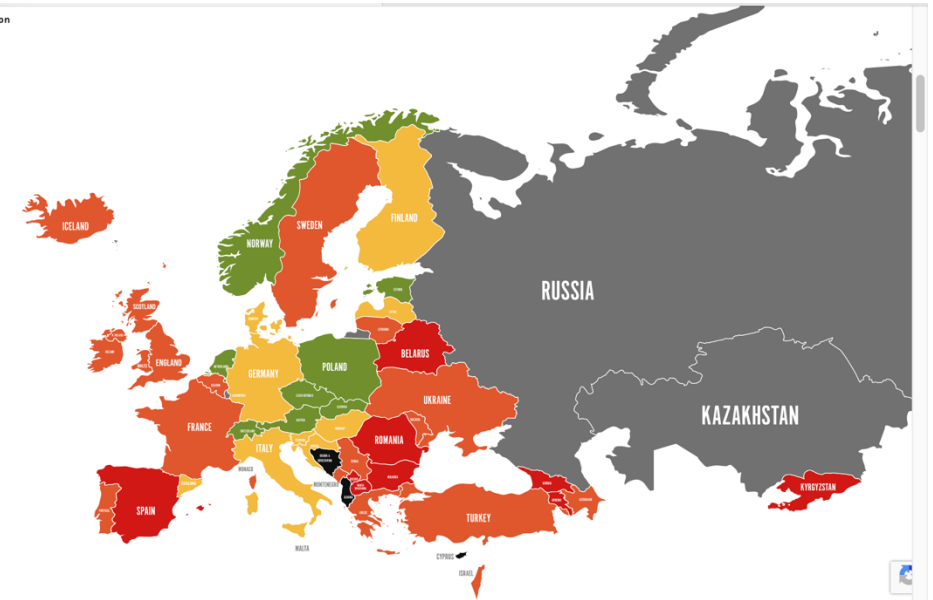
Door-to-needle (30 min) 3/33 (9%)

IVT-rate KPI $\geq$ 20%: 8/46 (17%)

- high quality data
- Less than 30 minutes and lower quality data
- 30 to 60 minutes
- More than 60 minutes
- No data available
- Not responded



- 20% or more and based on high quality data
- 20% or more if based on lower quality data
- 15% to 19%
- 10% to 14%
- Below 10%
- No data available
- Not responded

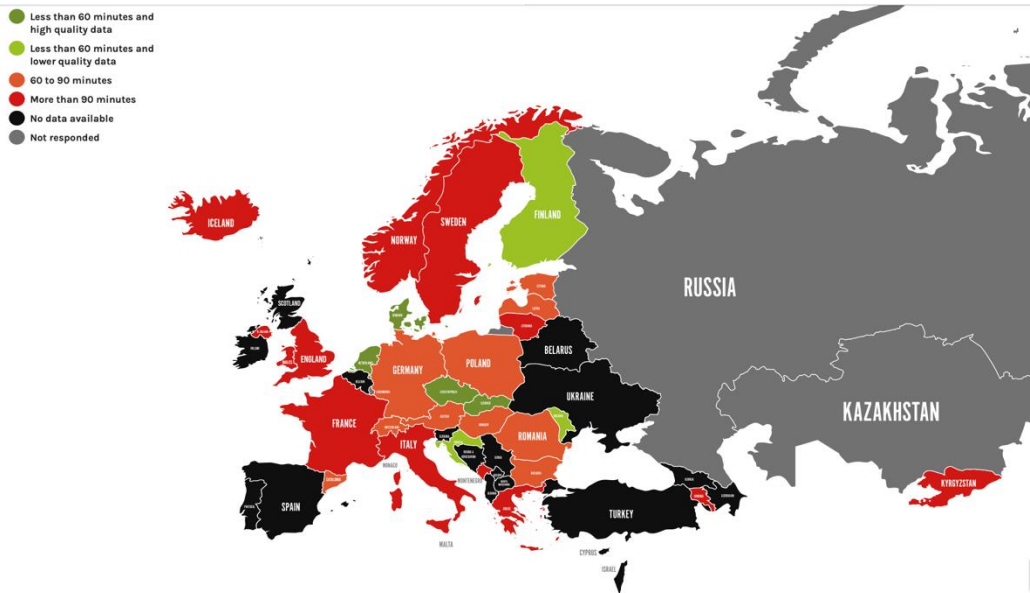


European mean IVT rate was 14% (range 0.7 – 36.7%) – no change from 2023

KPI 7b & 7d Mechanical thrombectomy

Door-to groin < 60 minutes: 7/29 (24%)

MT-rate $\geq$ 7.5%: 24/45 (53%)

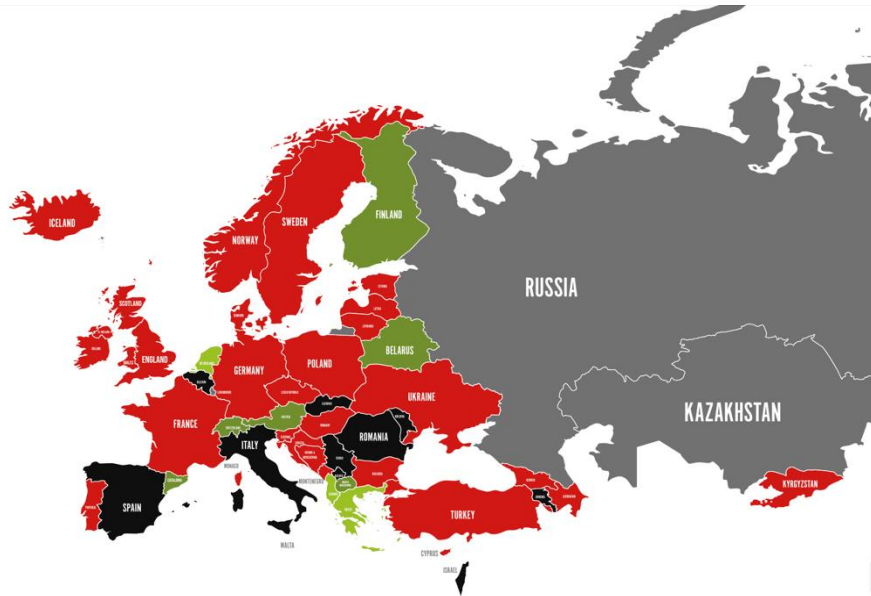


European mean MT-rate: 7.3% range 0.1 to 18.8%

KPI 9 a & 9b

90 % of stroke units with Early Supported Discharge: 11/39 (28%)

- Yes (high quality data)
- Yes (lower quality data)
- No
- No data available
- Not responded

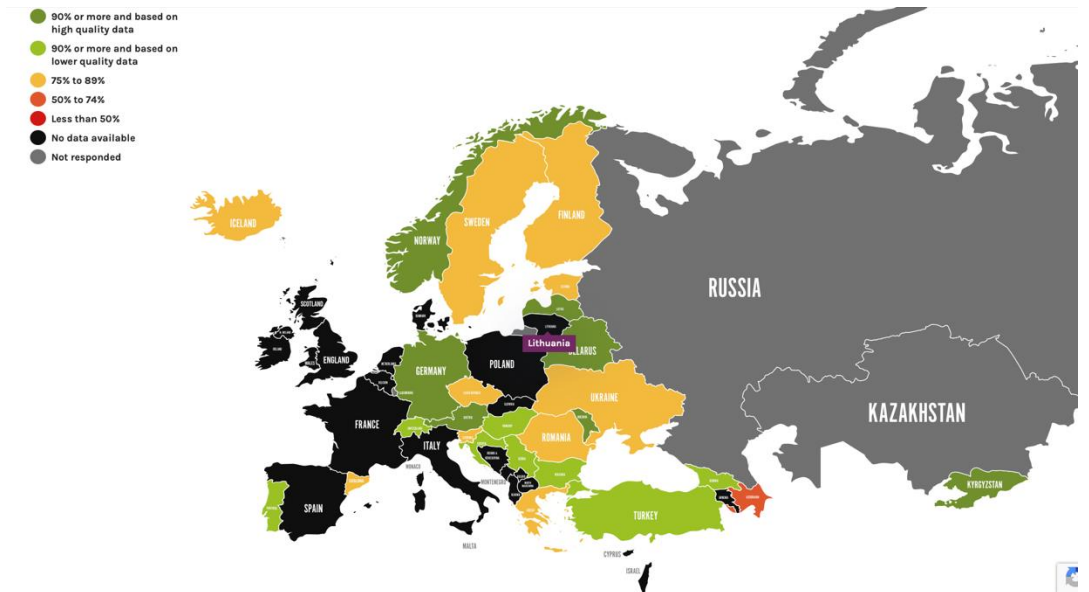


90% of stroke units with Early Rehabilitation in stroke unit: 31/39 (79%)

- Early stroke unit rehabilitation provided in at least 90% of stroke units (high quality data)
- Early stroke unit rehabilitation provided in at least 90% of stroke units (lower quality data)
- No
- No data available
- Not responded



Antihypertensives: 16/27 (high quality data 10/27)

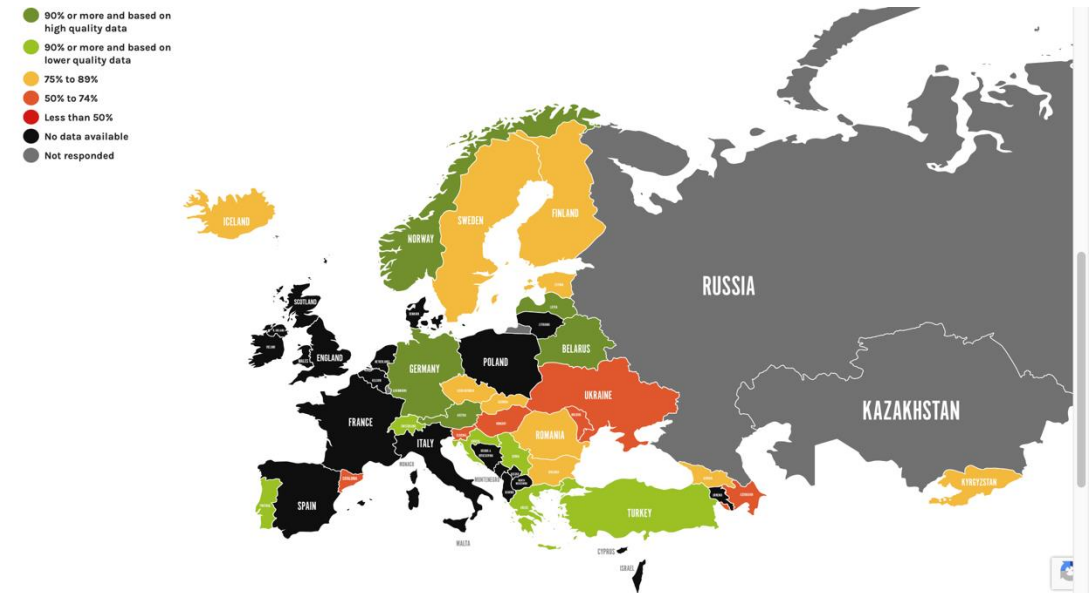


KPI 10 Secondary. Prevention (if indication)

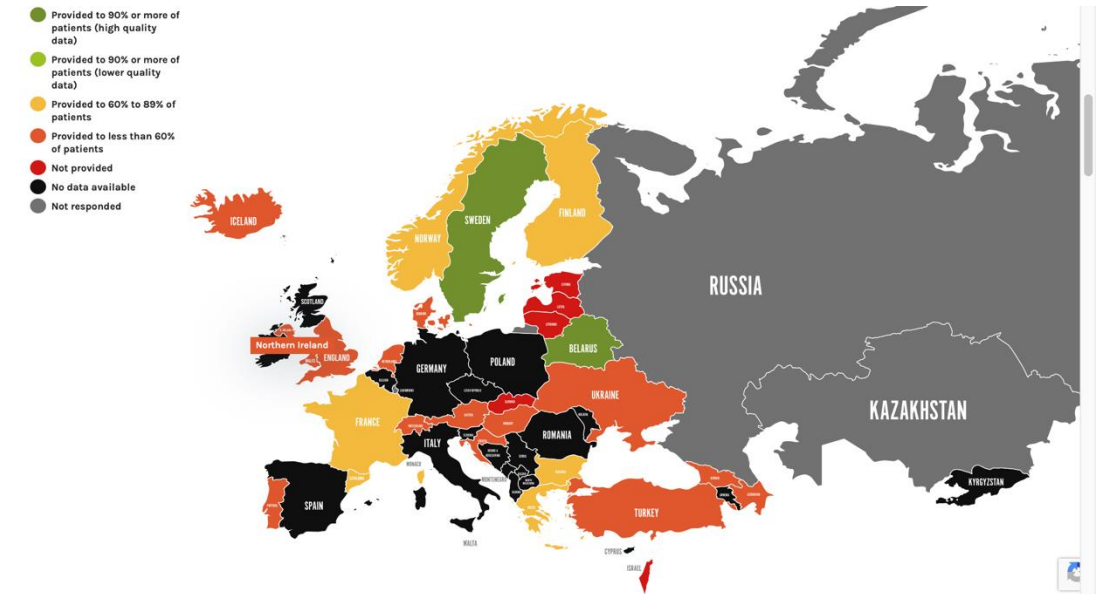
Lipid lowering drugs 12/28 (43%)



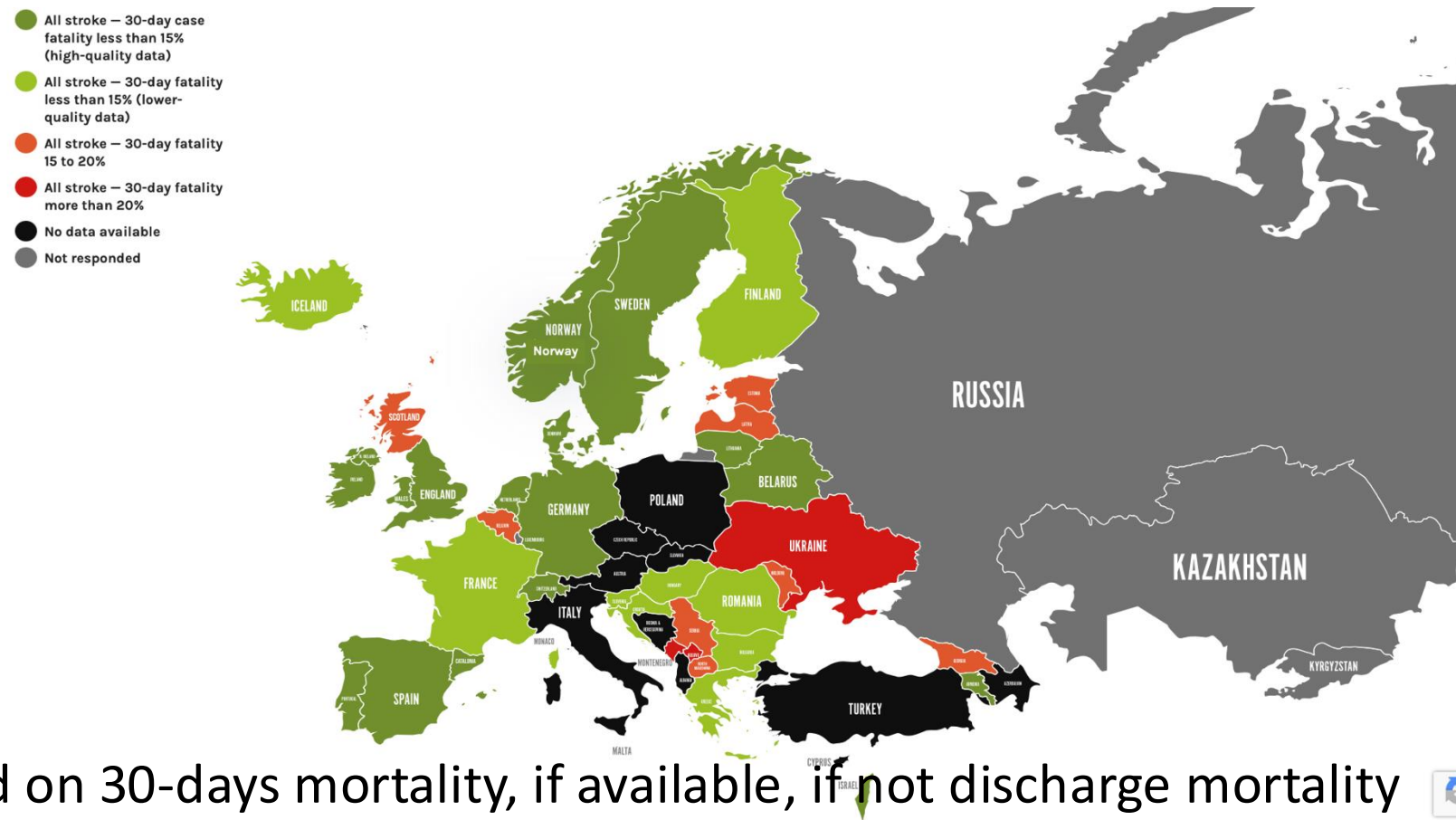
Life Style advice 12/27 (44%)



Follow up at 3-6 months 90% of survivors



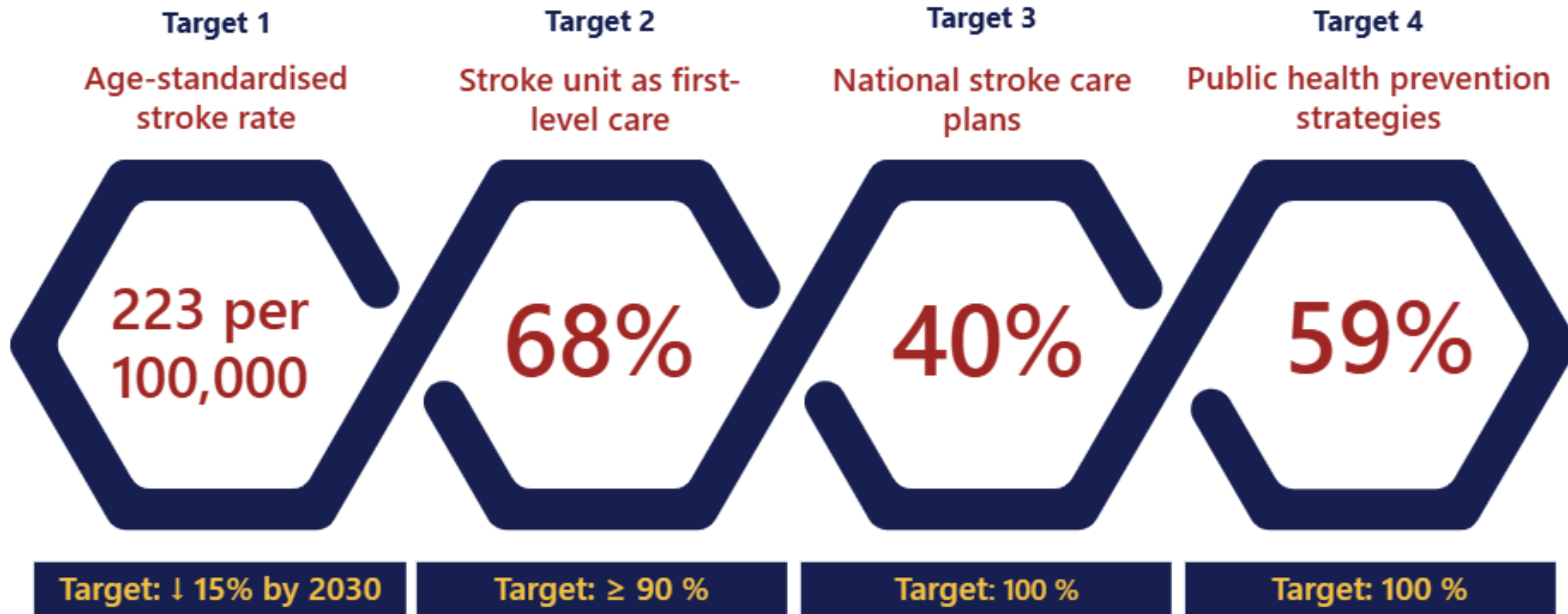
KPI 13 Fatality within 30 days* after stroke



*Based on 30-days mortality, if available, if not discharge mortality

Overarching targets: 2024

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Overall...

Good news

- Now 49 countries
- 42 countries with a national stroke plan or in the process of developing one
- Increasing number of countries with a plan for prevention
- Mean European MT-rate 7.3%
- Increasing access to rehabilitation in the stroke unit

Bad news

- Continued inequity between countries
- Inadequate data quality in many countries
- Recurrent stroke and secondary prevention
- Access to stroke unit care
- Access to secondary prevention and follow up

Hanne Christensen

Q&A