

EUropean Core Indicators in Diabetes

Work in construction





History

- European Diabetes Indicator Project
 - **“The outcome will result in the recommendation of a set of indicators to monitor diabetes and its sequelae”**
 - Selection of indicators
 - Feasibility in a number of test countries
 - Final set of indicators, feasible and well defined
 - Test outcome set



Final Shortlist of Indicators
PROPOSED INDICATORS FOR DIABETES MELLITUS
EUDIP SHORTLIST

Core indicators (CI) Second indicators (SI)

INDICATORS
RISK FACTORS FOR TYPE 2 DIABETES
Obesity BMI - % of general population ≥ 30 kg/m ² (CI)
EPIDEMIOLOGY OF DIABETES
Annual incidence of Type 1 diabetes by age/100,000 population 0-14 yrs, (ci)
Prevalence of diabetes mellitus /1000 population (ci)
Prevalence of persons with impaired glucose tolerance and or, diet only (si)



RISK FACTORS FOR COMPLICATIONS (IN PEOPLE WITH DIABETES)

HbA1c:
Percent tested in last 12 months (si)
Percent $>7.5\%$ in last 12 months (si)

Lipids:
Percent with lipid profile in last 12 months* (si)
Percent of those tested with total cholesterol >5 mmol/l (si)
Percent with LDL >2.6 mmol/l (**>3 mmol/l**) Percent with HDL <1.15 mmol/l (**<1.0 mmol/l**) (si)
Percent with triglycerides >2.3 mmol/l (**>2.0 mmol/l**) (si)

Microalbuminuria:
Percent tested in last 12 m* (si)
Percent with microalbuminuria in last 12 m (si)

Blood pressure:
Percent tested in last 12 m (si)
Percent with BP $>140/90$ in last 12 m (si)

Percent of the persons with diabetes who are smoking (si)

Percent with BMI ≥ 25 kg/m², ≥ 30 kg/m² (si)

Age at diagnosis by 10 year age bands (si)



EPIDEMIOLOGY OF COMPLICATIONS

Retinopathy:

Percent with fundus inspection in last 12m (si)

Percent with proliferate retinopathy in last 12m (si)

Percent who received laser treatment <3 months after diagnosis (si)

Annual incidence of blindness due to diabetic retinopathy/total annual incidence of blindness (ci)

Nephropathy:

Percent with serum creatinine tested in last 12 m*

Percent with ESRF - serum creatinine $\geq 400 \mu\text{mol/l}$ (WHO definition) - in last 12 months (si)

Annual incidence of dialysis and or transplantation (renal replacement therapy in patients with diabetes/1,000,000 general population (ci)

Prevalence (stock) of dialysis/ transplantation (renal replacement therapy) in patients with diabetes/1,000,000 general population (ci)

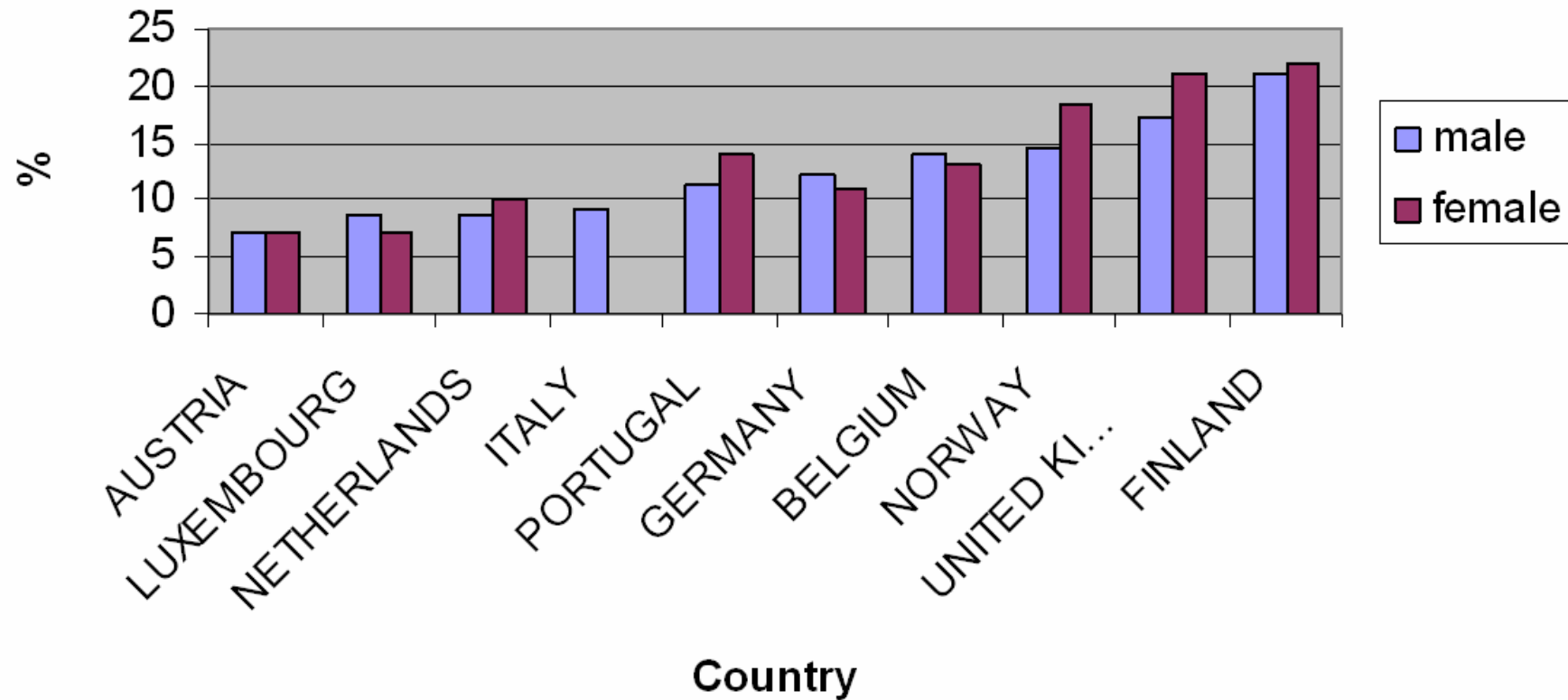
Mortality

Annual death rate in patients who have as primary or any cause of death diabetes mellitus/100,000 general population, adjusted for European Standard Population (ci)

Annual death rate in the general population from all causes/100,000 general population, adjusted for European Standard Population (ci)

EUDIP result: BMI > 30 pop.

BMI > 30 in general population



EUCID

- As many as possible countries of the EU/EFTA collect the national data proposed by the EUDIP project
- Set up a stable platform to collect data on a regular basis
- Reporting of the dataset in the EUROSTAT database
- 17 countries already in the project
- Aim is to have at least 24 countries
- Starting date 01-01-2006



Countries of EUCID

Signed up:

- Finland
- United Kingdom
- Netherlands
- Belgium
- France
- Spain
- Portugal
- Italy
- Greece
- Cyprus
- Roemenia
- Germany
- Scotland
- Luxembourg
- Hungary
- Sweden
- Austria

Agreed not signed yet:

- Poland
- Ireland
- Malta

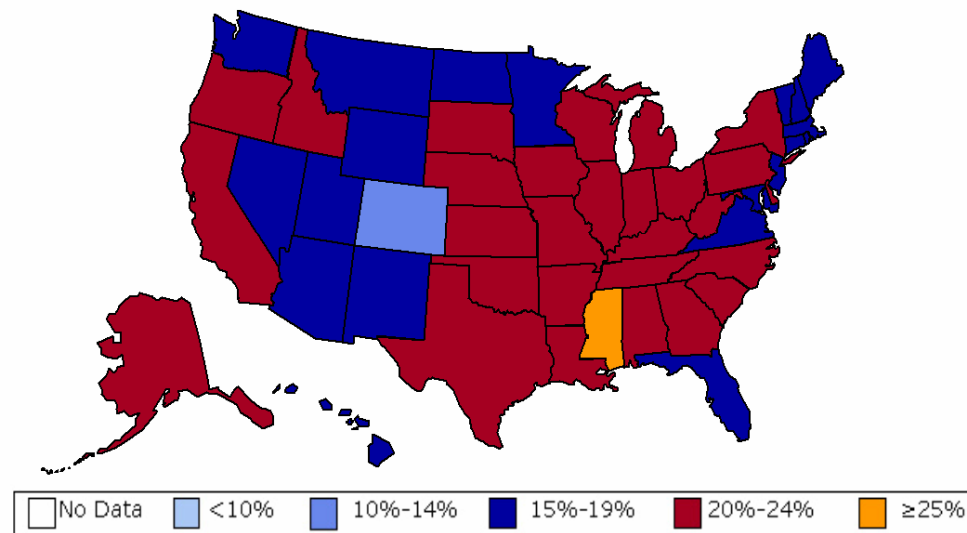
Looking for contacts in:

- Turkey
- Bulgaria
- Tjech Republic
- Slovenia
- Estonia
- Letvia
- Lithouania
- Norway
- Denmark
- Iceland

At the end of the project

Obesity Trends* Among U.S. Adults BRFSS, 2001

(*BMI ≥ 30 , or ~ 30 lbs overweight for 5'4" woman)



Source: Mokdad A H, et al. *J Am Med Assoc* 1999;282:16, 2001;286:10.

