European Healthcare Systems and Policies Their Issues and Trends

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## Demographics and economics

# Main healthcare resources

# Erosion of health-related quality of life. Prevention

The role of migration and refugees in public health



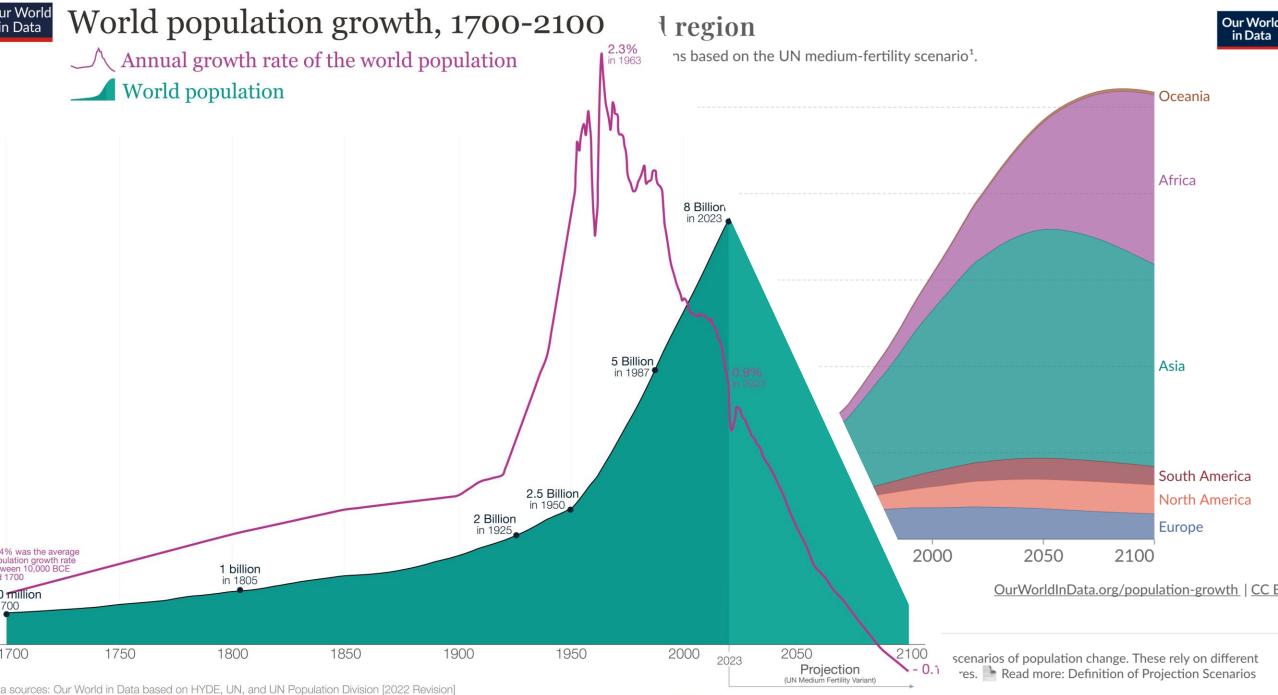
### WORLD POPULATION

8,211,404,883	Current World Population
125,827	Deaths today
14,144,451	Net population growth this year
141,206	Net population growth today

#### **GOVERNMENT & ECONOMICS**

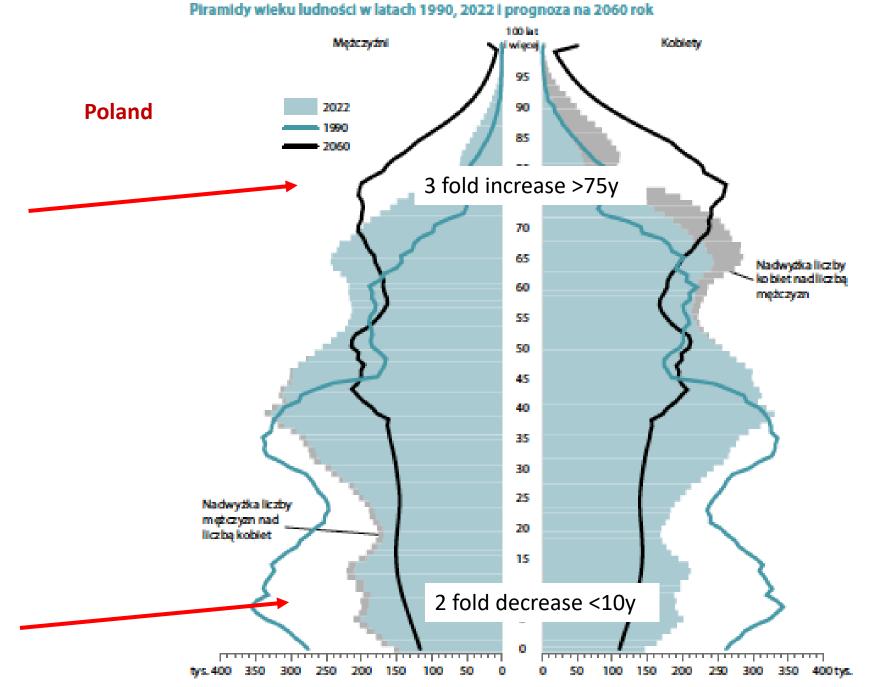
\$ 12,865,553,585	Public Healthcare expenditure today
\$ 8,502,755,566	Public Education expenditure today
\$ 3,513,073,626	Public Military expenditure today

https://www.worldometers.info/ (accessed 15.03.2025, 17.00)

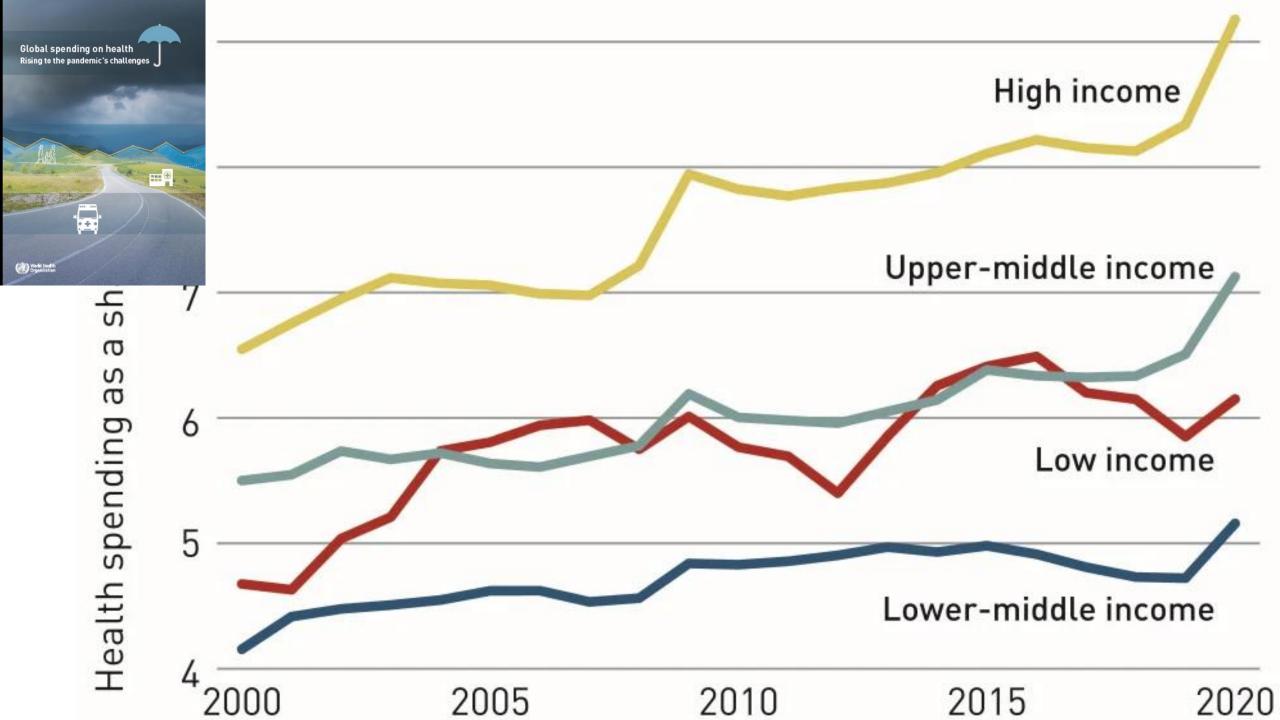


s is a visualization from OurWorldinData.org, where you find data and research on how the world is changing.

Licensed under CC-BY by the authors Max Roser and Hannah Ritchie.



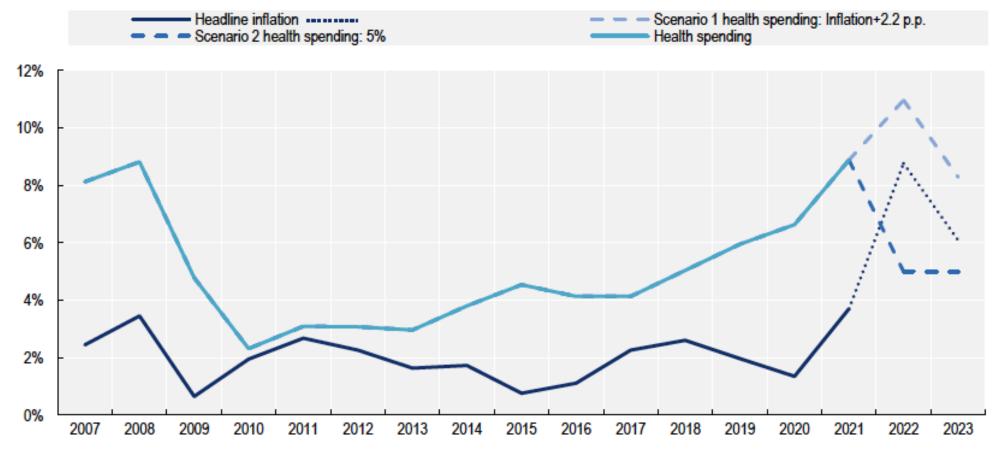
https://stat.gov.pl/obszary-tematyczne/ludnosc/ludnosc/sytuacja-demograficzna-polski-do-roku-2022,40,3.html





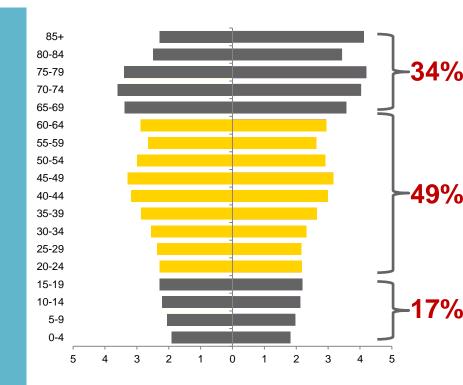
#### Figure 1. Health spending has consistently outpaced headline inflation over the last 15 years

Annual changes in current health expenditure, in nominal terms, compared to headline inflation, OECD average



Note: Scenario 1 (light blue dashed line) shows average health spending growth at 2.2 percentage points (the average between 2010 and 2019) above projected inflation (dotted line). Scenario 2 (dark blue dashed line) shows health spending growth at 5% – the average observed growth of health spending over the last 15 years. Source: OECD Health Statistics 2022. OECD Economic Outlook, June 2022.

### 



# Projected old-age dependency ratio, 2100



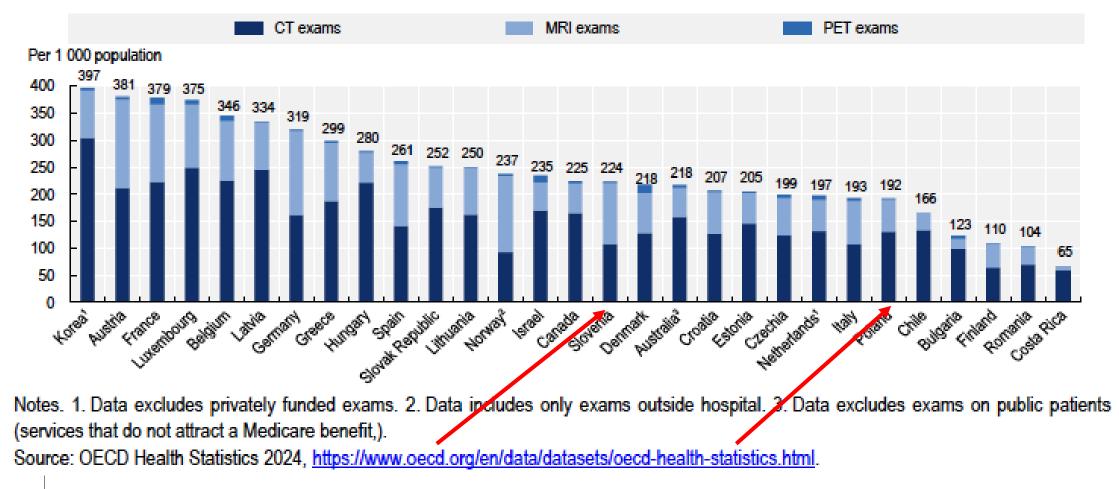


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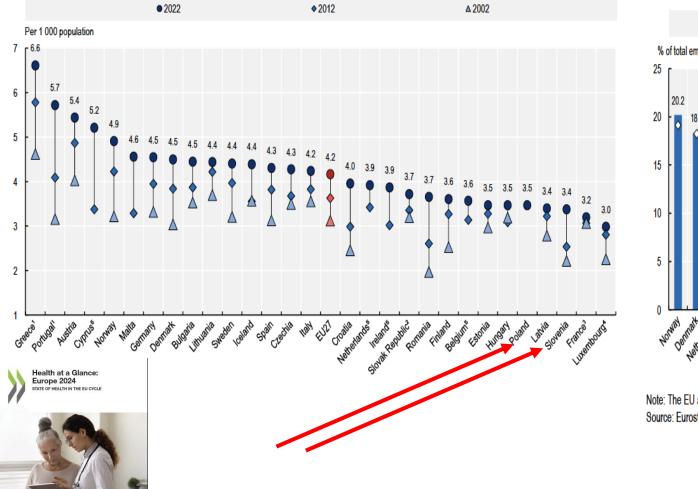
The role of migration and refugees in public health



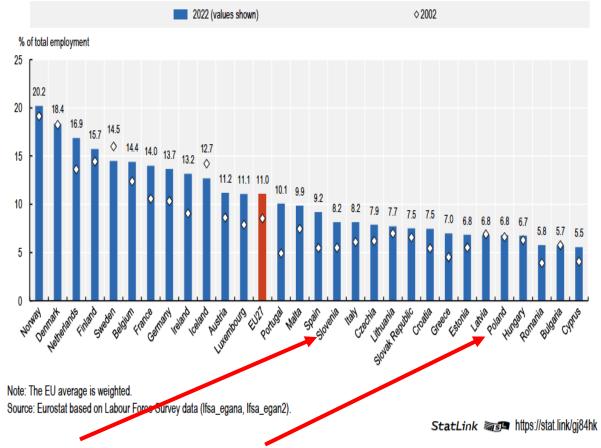
Health at a Glance: Europe 2024 STATE OF HEALTH IN THE EU CYCLE





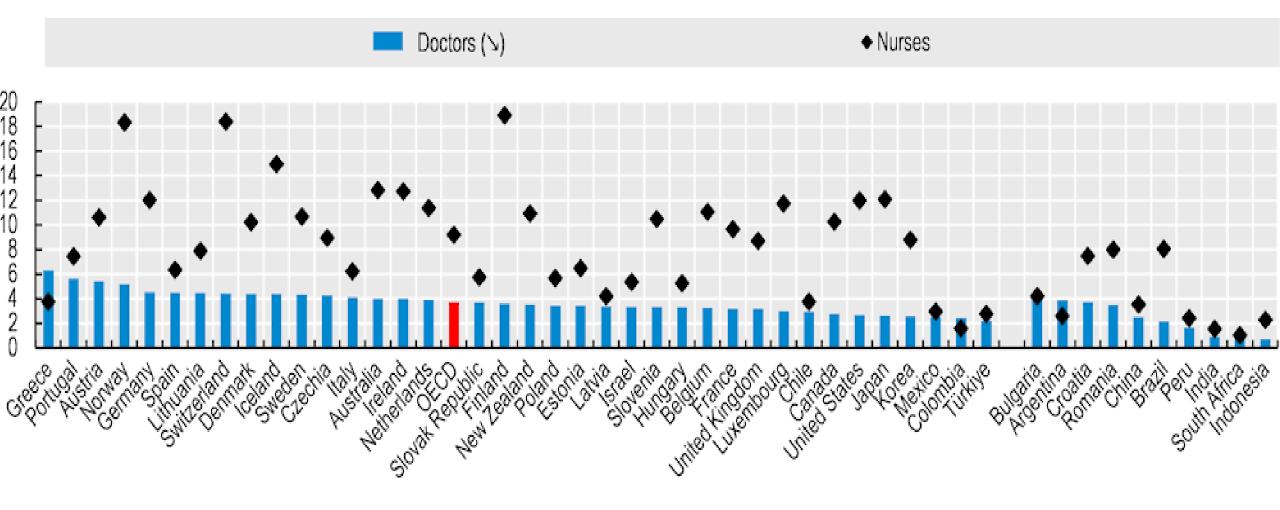


### Figure 1.2. The share of employment in the health and social care sector has increased in nearly all EU countries over the past two decades



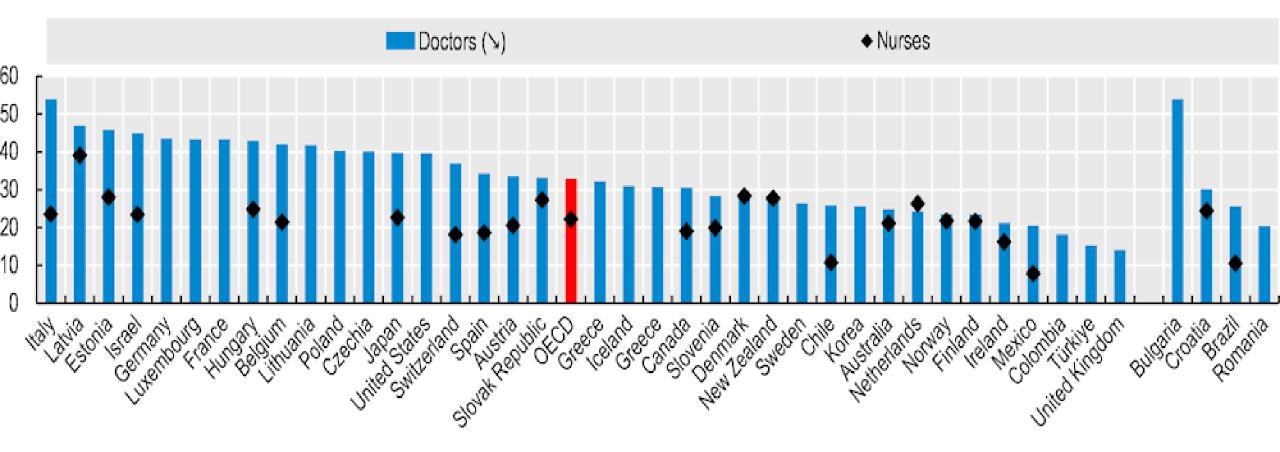
S)OECD

# On average across the OECD, the number of nurses is about 2.5 times that of doctors



Source: OECD Health Statistics (2023).

# One-third of all doctors and a quarter of nurses in OECD countries were over 55 years of age



Source: Preliminary data from forthcoming OECD Health Statistics 2024

# Air Pollutio

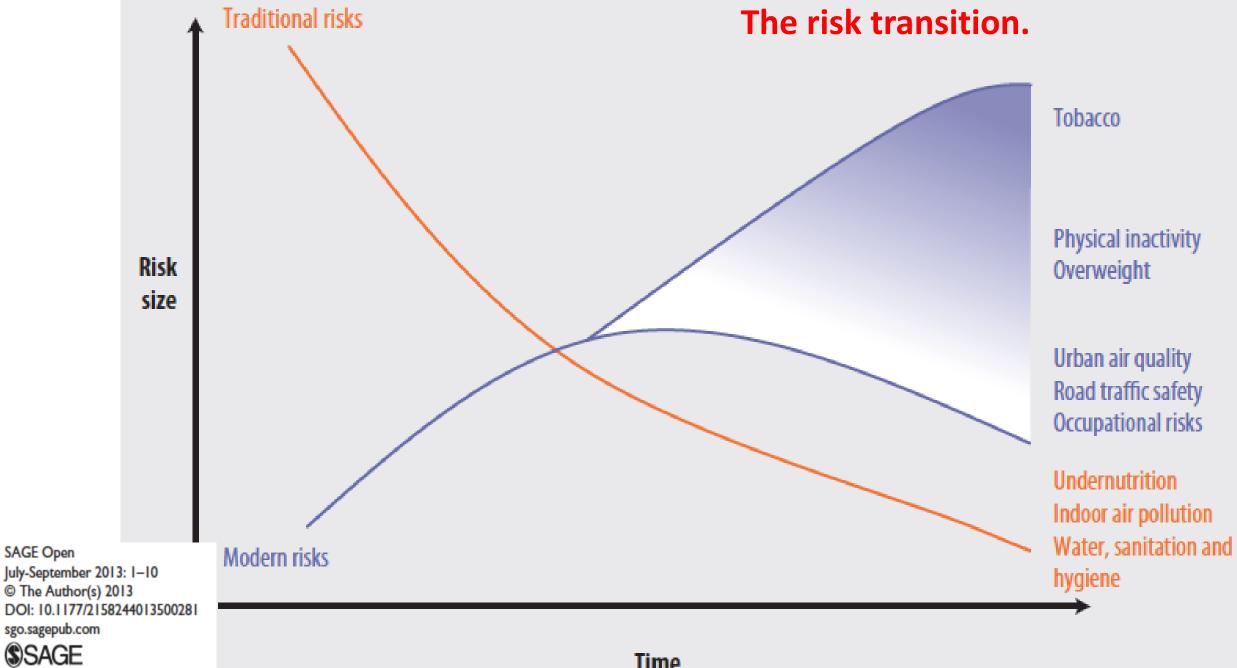
# **Demographics and economics**

# **Tobacco Use**

# Main healthcare resources

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# The role of migration and refugees Unhealthy Di and Nutritio

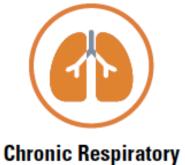


Time

### The 5x5 approach

### DISEASES





Diseases

Cardiovascular Disease





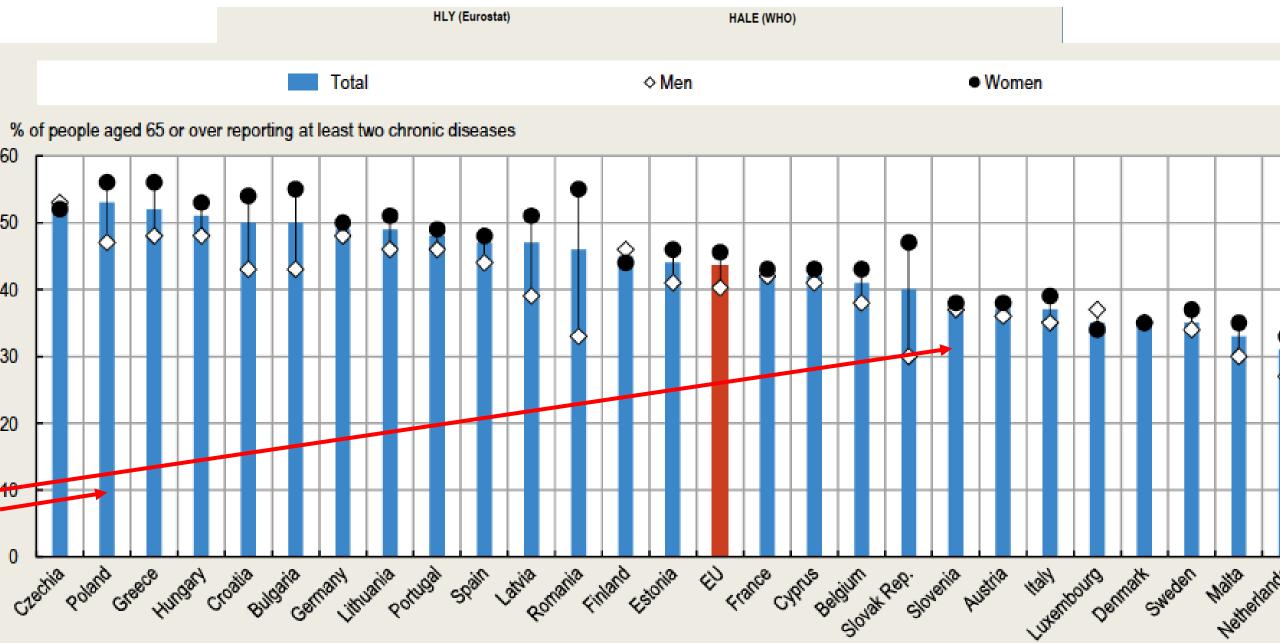
Cancer

By Nina Renshaw based on: A/RES/73/2. UN General Assembly 73rd Session. Political declaration of the third high-level meeting of the General Assembly on the prevention and control of non-communicable diseases. 2018



Mental and Neurological Conditions

Diabetes





Note: Data refer to 2021 (the latest year available for both indicators) and include both men and women. Source: Eurostat (tps00150) and WHO.

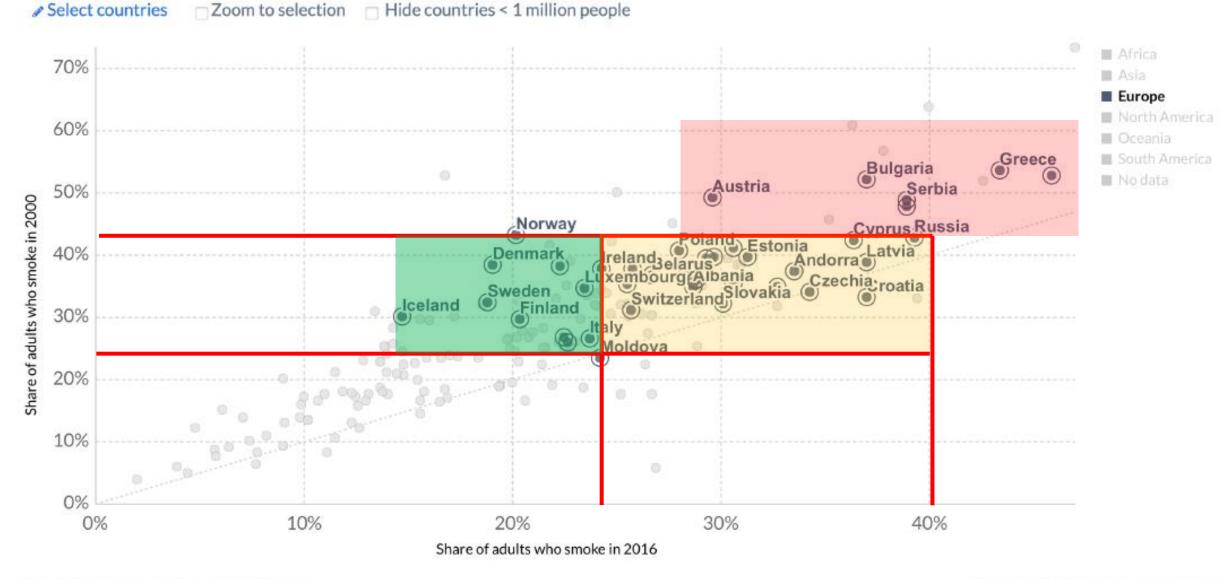


### Smoking and the European Directive – a case study in public health

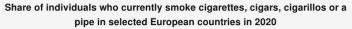
In 2001, the EU adopted directive 2001/37/EC, the Tobacco Products Directive (TPD) to regulates the manufacture, presentation and sale of tobacco products in the EU.

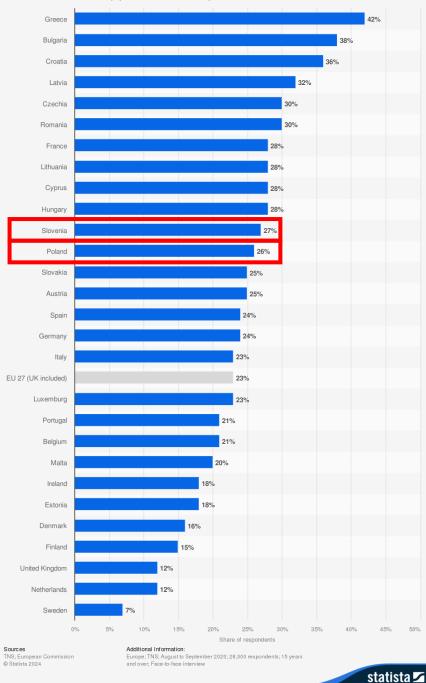
### Share of adults who smoke in 2000 vs. 2016

The share of adults, aged 15 years and older, who smoke any tobacco product on a daily or non-daily basis.

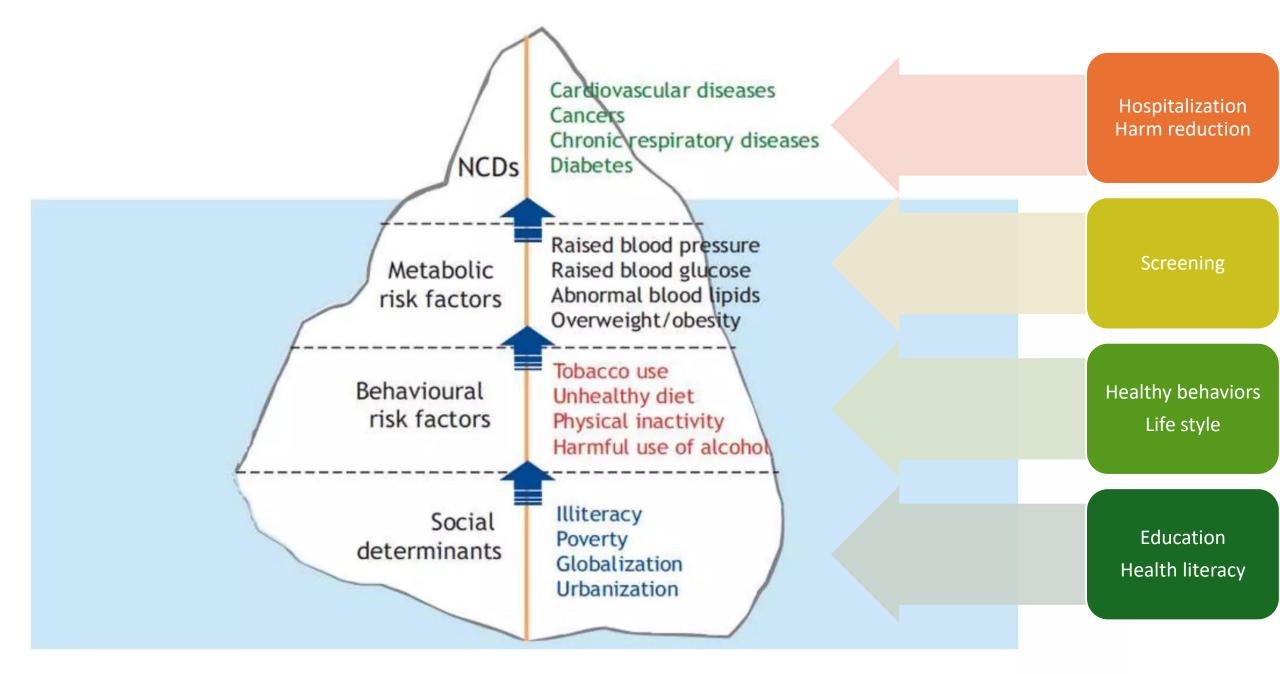












- oblige member states to conduct research to finally clarify whether and which products can be considered less harmful and whether their use by smokers in order to combat addiction is justified.
- make disease screening mandatory in public health, financed by revenues from excise taxes on cigarettes, alcohol, etc.
- impose the obligation to use excise tax as a tool to reduce the availability of prices and to rank the products covered by the directive according to harmfulness.
- require the registration and, consequently, licensing of all outlets that may sell products covered by the directive. The sale, promotion, advertising etc. of products covered by the directive should be subject to the same regulations as in the case of cigarettes.

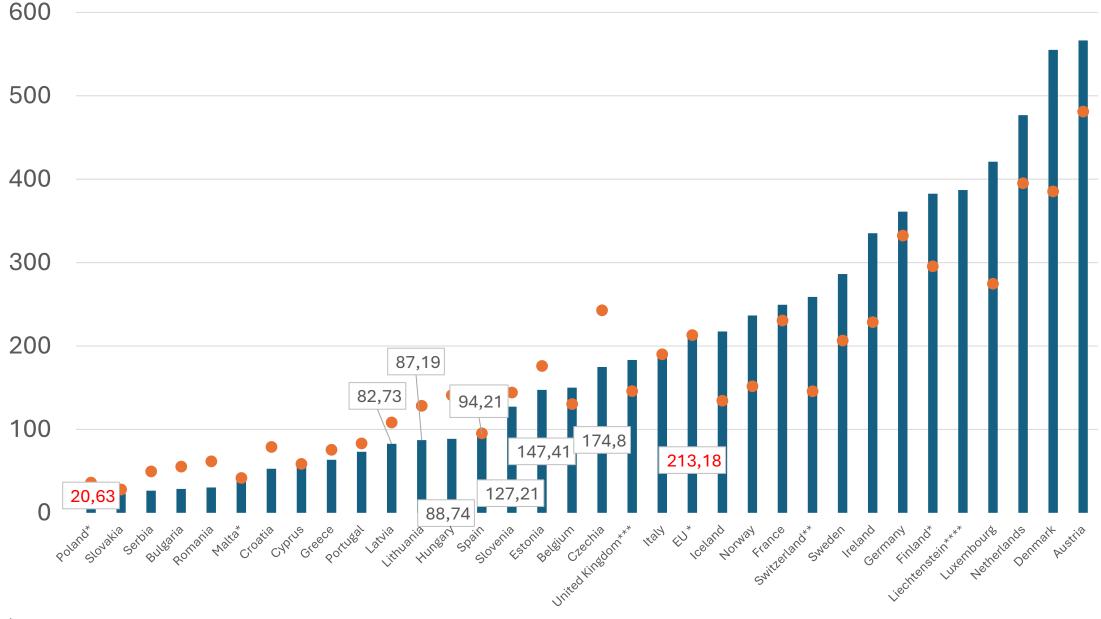
Hospitalization Harm reduction

Screening

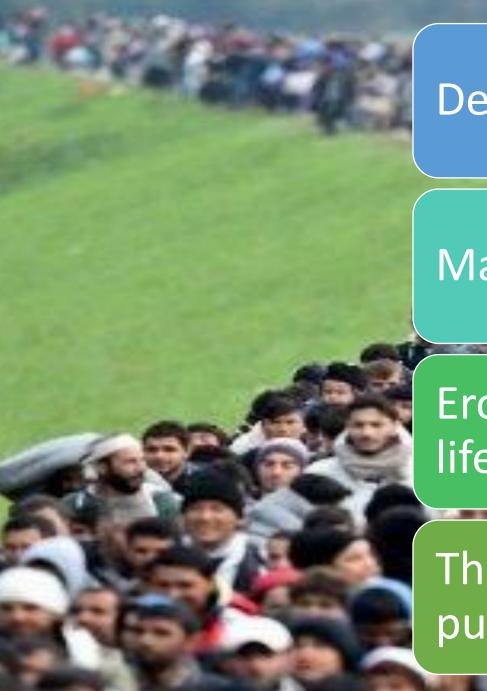
Healthy behaviors Life style

Education Health literacy

### Wydatki na profilaktykę zdrowotną Euro/na mieszkańca, 2020 r.



Źródło: Eurostat.

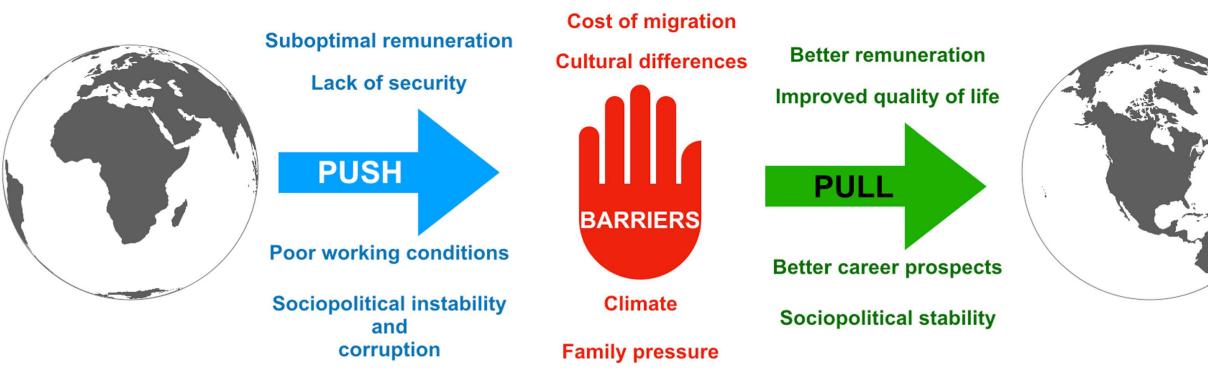


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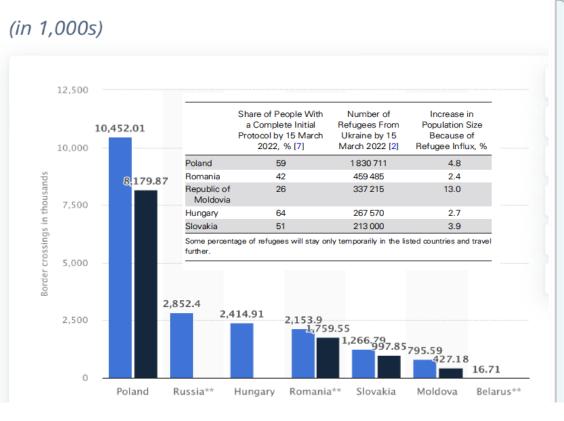


# Time Frame and refugee population Location: Geographical area

**ICELAND** 











# **HCR** Regional Bureau for Europe

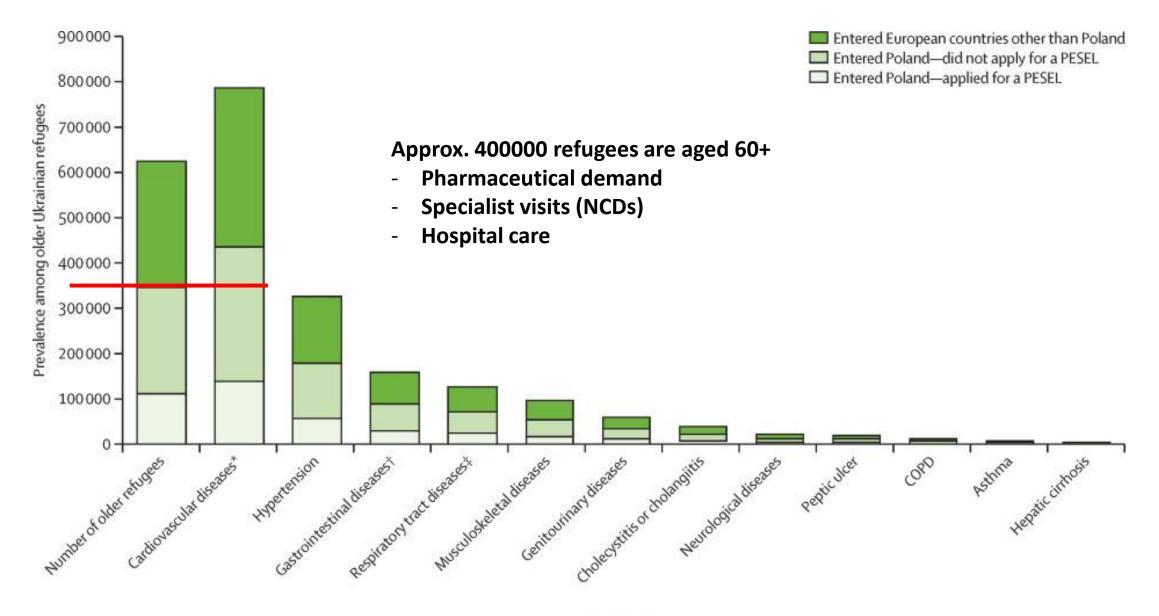
Children and young women predominate among Ukrainian refugees

- Vaccination
- Infectious diseases
- Primary care

Α В 350000-297301 300000-263858 261258 250000 Number of refugees 200000 144620 150000 100000 38574 50000-26487 26288 23243 12790 10919 7717 1801 0-60-64 0–18 40-54 ≥65 0-18 60-64 ≥65 19-39 55-59 19-39 40-54 55-59 Age of women (years) Age of men (years)

No. of refugees who had applied between Feb 24, 2022 and May 19, 2022 for a Polish personal identification number (PESEL)

Karolina Piotrowicz et al. Lancet Healthy Longev 2022;3: e667–73



#### Disease type

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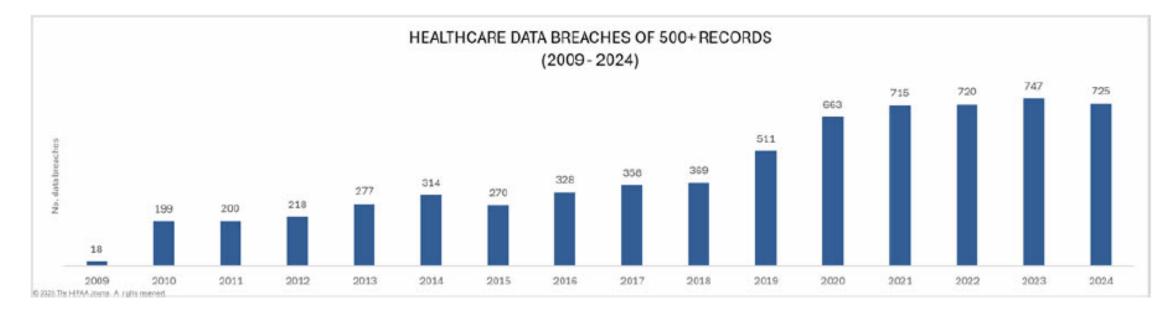
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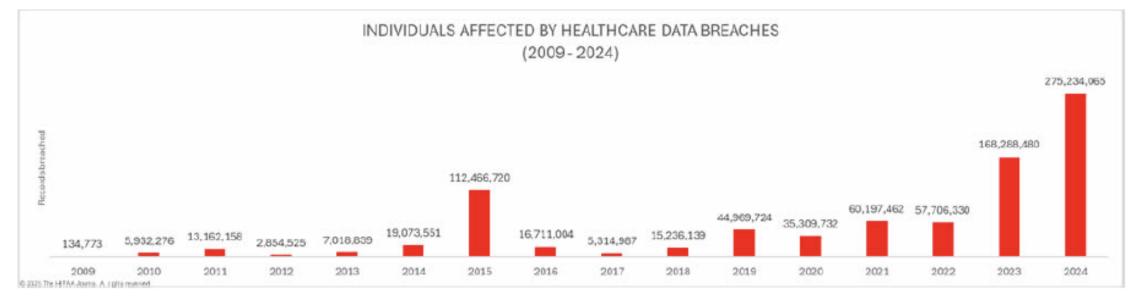
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Profilaktyki Zdrowotne

gie jutra





#### 2024 Healthcare Data Breach Report

Posted By Steve Alder on Jan 30, 2025

Demographics: we getting older, but we cannot spend more on healthcare, so we need to live healthier

As health care costs begin to exceed the capacity of public finances, we must focus on prevention and reduction of harm from behavioral factors: smoking, alcohol, unhealthy eating.

Climate and war migration have been a growing public health problem in recent years.

The security of particularly sensitive medical data will require significant expenditure in the coming years.



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