Regional overview of diabetes

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Noncommunicable diseases (NCDs) Integrated Prevention and Control Division of NCDs and Promoting health through the Life-course

Access to Insulin – ACCISS Regional Meeting

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what are we trying to achieve?









Европейское региональное бюро

Agenda for Sustainable Development 2030





- Target 3.4: By 2030, reduce by one third premature mortality from NCDs
- Target 3.8: Achieve universal health coverage
- Target 3.b: Support research and development of vaccines and medicines for NCDs that primarily affect developing countries
- Target 3.b: Provide access to affordable essential medicines and vaccines for NCDs

9 global NCD targets 2025



Premature mortality* – broad causes and trends

[*Unconditional probability of dying between ages 30 and 70 years]



13th WHO General Programme of Work 2023

UHC - Service Coverage Index

Effective coverage of diabetes: elevated blood glucose management – proxied using the fraction of individuals with elevated blood sugar reaching the treatment target of fasting plasma glucose levels less than 126 mg/dL. [SDG 3.4.1]

FINANCING



People Expanding coverage for entitlements at all ages, regardless gender, geography social determinants

Elderly	High and increasing numbers of ageing populations	Migrants	High volume of work migration across countries		
Refugees needing access to basic, socially acceptable services	Refugees	Lack of men accessing primary health care services	Missino men		
Prisoners	Demand for access to services as vulnerable population group	Home- less	ó		
Six million people are incarcerated every year, they return after 10 months	Etc…		and		

Services

Quality services across the continuum of care and life course



Financing Ensuring no one experiences financial hardship and unmet need for services

How many households are impoverished after out-of-pocket payments





What is the current situation?









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Prevalence of diabetes, 2015

Raised fasting blood glucose (≥ 7.0 mmol/L or on medication) age-standardized, WHO estimates by country



Source: WHO Diabetes country profiles 2016 https://www.who.int/diabetes/country-profiles/en/#G

Universal Health Coverage Service Coverage Index SDG target 3.8.1 – C I S countries, 2015 - 2017



Source: WHO Universal Health Coverage data portal

Note: UHC service coverage index is a measure of SDG indicator 3.8.1 which is coverage of essential health services defined as the average coverage of essential services based on tracer interventions that include (i) reproductive, maternal, newborn and child health, (ii) infectious diseases, (iii) NCDs and (iv) service capacity and access, among the general and

Hospital admissions for diabetes, 2015



Age-sex standardised rate per 100 000 population 15 years old and over Source: OECD

Germany: 83% avoidable [2015] Latvia: 39% avoidable [2015] Rep Moldova: 40% avoidable [2015]

Source: WHO 2016 Assessing health services delivery performance with hospitalizations for ambulatory care sensitive conditions

Overweight and obesity prevalence values - % Childhood Obesity Surveillance Initiative -COSI 2015-2017



Notes: Based on the 2007 WHO recommended growth reference for school-age children and adolescents (de Onis M, Onyango AW, Borghi E, Siyam A, Nishida C, Siekmann J. Development of a WHO growth reference for school-aged children and adolescents. Bulletin of the World Health Organization 2007; 85(9): 660-667). Children with a BMI/A Z-score < -5 or > +5 are excluded. KAZ 9 years old, other countries 7 years old. GEO: figures rounded

Source accessed 13 Oct 2019 at: http://www.euro.who.int/__data/assets/pdf_file/0006/372426/WH14_COSI_factsheets_v2.pdf?ua=1

Diabetes country profiles

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	ages 70	+	270 460 ages	Kazakhatan	Mortality Number of diabetes deaths	Tajikistan		Total population: 8482 Income group: Lower m	2 000 Iddie		Number of diabetes deaths males	females	Number of deaths	attributable to high blood gi male	glucose es females
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Thank you! TIME TO DELIVER

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