Milestone 3: List of data sources on oral health care (WP2)
Version 1 - December 2024

Background

Oral diseases affect all age groups, are among the top five most expensive diseases, and can be found in around half of the population in the European Union (EU). The 2021 WHO Oral Health Resolution highlighted major challenges in the financing of oral health care, such as the lack of access to essential oral health care without financial hardship for many EU citizens. However, there is no EU-wide harmonized framework for cross-country monitoring of oral health systems performance to date.

Therefore, the PRUDENT (Prioritization, incentives and Resource use for sUstainable DENTistry) project aims to develop and implement an innovative and context-adaptive framework for optimized financing of oral care. In particular, PRUDENT aims to develop a multi-country monitoring framework for oral health systems performance. Based on the framework, existing data sources will be integrated in an interactive cross-country dashboard. This dashboard seeks to facilitate better informed decisions on the financing of oral health care by health policy- and decision makers in Europe.

Aim of milestone 3 in work package (WP) 2

To identify relevant European data and data sources on outcomes, risk factors and determinants of oral health.

Methods

Using a mixed-methods research approach, PRUDENT will co-develop oral health system performance indicators and implement them in EU-wide monitoring framework (WP 2, T2.4 and T2.5). The first step is to identify existing databases with data on oral health for EU countries (milestone 3):

1) Online search of available public data sources with relevant oral health system information for EU countries
2) The partners and collaborating stakeholders of the PRUDENT consortium are asked to identify further potentially suitable data sources during the entire project phase.

Therefore, the following list of data sources in Table 1 (version 1 as of December 2024) is work in progress and will be updated, if applicable.

Table 1: List of data sources with data on oral health in the EU (in alphabetical order)

Data holder	Data source	Information on data	Link to data source
European Centre for Disease Prevention and Control (ECDC)	Infection prevention and control in healthcare	Data on infection prevention and control in dentistry in the EU	https://www.ecdc.europa.eu/en/publications-data/directory-guidance-prevention-and-control/core-requirements-healthcare-settings-1
European Commission	Eurostat database	Data on oral health in the EU	https://ec.europa.eu/eurostat/en/data/database
	Regulated Professions Database	Data on oral health professions in the EU	https://ec.europa.eu/growth/tools-databases/regprof/home
	European Health Interview Survey (EHIS)	Survey data on oral health in the EU	https://ec.europa.eu/eurostat/web/microdata/european-health-interview-survey
	European Core Health Indicators (ECHI)	Data on oral health in the EU	https://webgate.ec.europa.eu/dyna/echi/
	European Statistics on Income and Living Conditions (EU-SILC)	Survey data on oral health determinants in the EU	https://ec.europa.eu/eurostat/web/microdata/european-union-statistics-on-income-and-living-conditions
European Parliament	Eurobarometer	Survey data on oral health in the EU	https://europa.eu/eurobarometer/surveys/detail/795
Gesellschaft zur Förderung der Dental-Industrie mbH (GFDI)	Atlas Dental	Data on oral health in the EU	https://www.gfdi.de/studien/
Institute for Health Metrics and Evaluation (IHME)	Global Burden of Disease Study (GBD)	Global data on oral health risk factors	https://vizhub.healthdata.org/gbd-compare/
	Global Health Data Exchange (GHDx)	Global data on oral health	https://ghdx.healthdata.org/search/site/oral%20health
Malmö University / World Health Organization	Oral Health "Country/ Area Profile Programme" (CAPP) database	Global survey data on oral health	https://mau.se/en/about-us/faculties-and-departments/faculty-of-odontology/oral-health-countryarea-profile-project--capp/
Organisation for Economic Co-operation and Development (OECD)	OECD Data explorer	Data on oral health in OECD countries	https://data-explorer.oecd.org/
Platform for Better Oral Health in Europe	European Oral Health Report Card	Data on oral health in the EU	https://www.oralhealthplatform.eu/our-work/the-european-oral-health-report-card/
SHARE-ERIC	Survey of Health Ageing and Retirement in Europe (SHARE)	Data on oral health in the EU	https://share-eric.eu/
The Commonwealth Fund (CWF)	International Health Policy Survey	Survey data on oral health in CWF survey countries	https://www.commonwealthfund.org/international-surveys
The Council of European Chief Dental Officers (CECDO)	CECDO database	Data on oral health in the EU	https://cecdo.org/oral-healthcare/cecdo-database/
The World Bank (IBRD IDA)	Health Dashboard	Global data on oral health	https://datatopics.worldbank.org/health/home
World Health Organization (WHO)	Global Health Observatory	Global data on oral health	https://www.who.int/data/gho/data/indicators
	Indicators	Global data on oral health	https://data.who.int/indicators
	Oral health country profiles	Global data on oral health	https://www.who.int/teams/noncommunicable-diseases/surveillance/data/oral-health-profiles