Data for: The cost-effectiveness of Covid-19 vaccination in age groups children, adults and elderly in Europe – A systematic review

SND-ID: 2023-168. **Version**: 1. **DOI**: https://doi.org/10.5878/hzf7-3485

Download data

calculation outcome to poland and denmark.xlsx *(23.92 KB)*

CINAHL search history .csv *(4.01 KB)*

CINAHL search term and result.pdf *(2.22 MB)*

Cochrane-via-Wiley-search-history-20230322.csv *(4.31 KB)*

Data Extraction file.csv *(8.17 KB)*

data extraction.pdf *(115.02 KB)*

Embase-search-history-table-20230209.csv *(3.35 KB)*

Excluded studies_apendix 3 as in SBU Website.csv *(32.33 KB)*

Figure 2. Comparison of lost QALY between Sweden and Denmark.svg *(29.58 KB)*

Figure 3. Comparison of QALY outcome due to vaccination between Sweden and Poland.svg *(27.34 KB)*

Medline-via-Ovid-search-history-table-20230208.csv *(3.38 KB)*

PRISMA figure 1 for publication.pdf *(101.01 KB)*

PsycInfo search history.csv *(5.4 KB)*

PsycInfo-search-term-and-result.csv *(5.54 KB)*

QALY calculation Persson-Orlewska file.csv *(744 bytes)*

SBU Checklist_modelbased economic study, v2018_Debrabant.xlsx *(27.88 KB)*

SBU Checklist_modelbased economic study, v2018_Orlewska.xlsx *(27.91 KB)*

SBU Checklist_modelbased economic study, v2018_Pilz.xlsx *(27.6 KB)*

SBU Checklist_modelbased economic study, v2018_Ukraine.xlsx *(27.84 KB)*

Table 5 Estimation of QALY lost per averted death.csv *(223 bytes)*

Download all files

2023-168-1.zip *(~2.69 MB)*

Citation

Untung, T., & Johansson, P. (2024) Data for: The cost-effectiveness of Covid-19 vaccination in age groups children, adults and elderly in Europe – A systematic review (Version 1) [Data set]. University of Gothenburg. Available at: https://doi.org/10.5878/hzf7-3485

Creator/Principal investigator(s)

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Research principal

University of Gothenburg - Institute of Medicine

Description

The data set is support documentation for planned publication with the title "The cost-effectiveness of covid-19 vaccination in age groups children, adults and elderly in Europe – A systematic review." The systematic review aimed to identify empirical evidence of the cost-effectiveness of Covid-19 vaccination programs within European countries among elderly and adult age groups. The result further acted as a parameter to assess the cost-effectiveness of a similar program in Sweden.

The content of data set are:
1. Search strategy of screening process (7 files)
2. Quality assessment forms (4 files)
3. Data extraction list (2 files)
4. Exclusion list (1 file)
5. PRISMA flowchart (1 file)
6. Table of estimation QALY lost/averted death (1 file)
7. QALY comparison (4 files)

Data contains personal data

No

Language

English

Population

Covid-19 vaccinated European residents (based on age group)

Time Method

Other

Study design

Cohort study: Retrospective

Description of study design

A literature search was conducted in the Medline, Embase, PsycInfo, CINAHL and Tuft CEA, Cochrane and INAHTA databases in february 2023 with PICO as inclusion criteria. The inclusion criteria are economic evaluation articles with age-group separation, age-group based vaccinated European residents as population, Covid-19 vaccination as intervention and non-vaccinated European residents as control. The search was conducted by two reviewers with SBU search strategy. Handsearch was done on relevant websites and reference lists of selected articles. It was continued with title/abstract screening, full-text screening, and quality and risk of bias assessment with SBU checklist. The reporting follows guidelines from the Mastrigt articles.

Time period(s) investigated

2019 – 2023

Data format / data structure

Numeric

Text

Data collection 1

- Mode of collection: Compilation/Synthesis
- Time period(s) for data collection: 2023-02-08 – 2023-02-09
- Data collector: University of Gothenburg
- Instrument: Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA) (Data collection guidelines: Secondary data collection guide) - http://www.prisma-statement.org
- Source of the data: Communications: Public, Communications

Geographic spread

Geographic location: Europe

Responsible department/unit

Institute of Medicine

Contributor(s)

Rohan Pandey - University of Gothenburg

Research area

Public health, global health, social medicine and epidemiology (Standard för svensk indelning av forskningsämnen 2011)

Medication and treatment (CESSDA Topic Classification)

Specific diseases, disorders and medical conditions (CESSDA Topic Classification)

Public health (CESSDA Topic Classification)

Keywords

Children, Age groups, Elderly, Adults, Vaccination, Health care economics and organizations, Covid-19

Publications

Untung, T. (2023). A systematic review of the economic evaluation for Covid-19 vaccination for age groups elderly and adult in European countries. [Master's thesis, University of Gothenburg]. Gothenburg University Publications
Electronic Archive. https://gupea.ub.gu.se/handle/2077/77409
Handle: https://hdl.handle.net/2077/77409

Untung, T., Pandey, R. and Johansson, P. (2024) 'The cost-effectiveness of COVID-19 vaccination program among age-groups children, adults, and elderly in Europe: A systematic review', Vaccine: X, 21, 100580. https://doi.org./10.1016/j.jvacx.2024.100580.
DOI: https://doi.org/10.1016/j.jvacx.2024.100580

Accessibility level

Access to data through SND
Data are freely accessible

Use of data

Things to consider when using data shared through SND

Versions

Version 1. 2024-01-10

Homepage

https://hdl.handle.net/2077/77409

Contact for questions about the data

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Download metadata

DataCite

DDI 2.5

DDI 3.3

DCAT-AP-SE 2.0

JSON-LD

PDF

Citation (CSL)

File overview (CSV)

Published: 2024-01-10
Last updated: 2025-01-09