



Case study: Understanding the economic impact of COVID-19 on health systems



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1. Aim

“Estimate the economic impact of COVID-19 on health systems in various countries in terms of health expenditure”

2. Background

- Estimating the economic impact of COVID-19 in terms of Global Burden of Disease (GBD) DALYs on health systems in various European countries
- help for future pandemics, system resilience and financial planning
- Issue of determining how health budget is constructed

5. Key messages

- This international collaboration will provide capacity building for future pandemics and for increasing capacity of applying health economics within a burden of disease framework
- Understanding health expenditure data and its relation to DALYs in terms of the COVID-19 pandemic is an important area, as it incorporates costing information on both disability and mortality, which has received little attention within the current literature

3. Methods

This methodological based case study will essentially conduct a literature/rapid review and collate different GBD DALYs and health expenditure data from across Europe which should then provide inference on the research aim

4. Initial results from selected literature

Scotland = “£1.67 billion in costs associated with Covid-19 for 2020/21”¹

References

1. Audit Scotland (2021). “Report: NHS in Scotland 2020”. <https://www.audit-scotland.gov.uk/report/nhs-in-scotland-2020> (Accessed 13/01/21)

