

OUR RESEARCH QUESTION

To what extent would implementing the European Health Union improve the status quo in the development, procurement and distribution of vaccines?

INTRODUCTION : Current Challenges In The healthcare Sector:

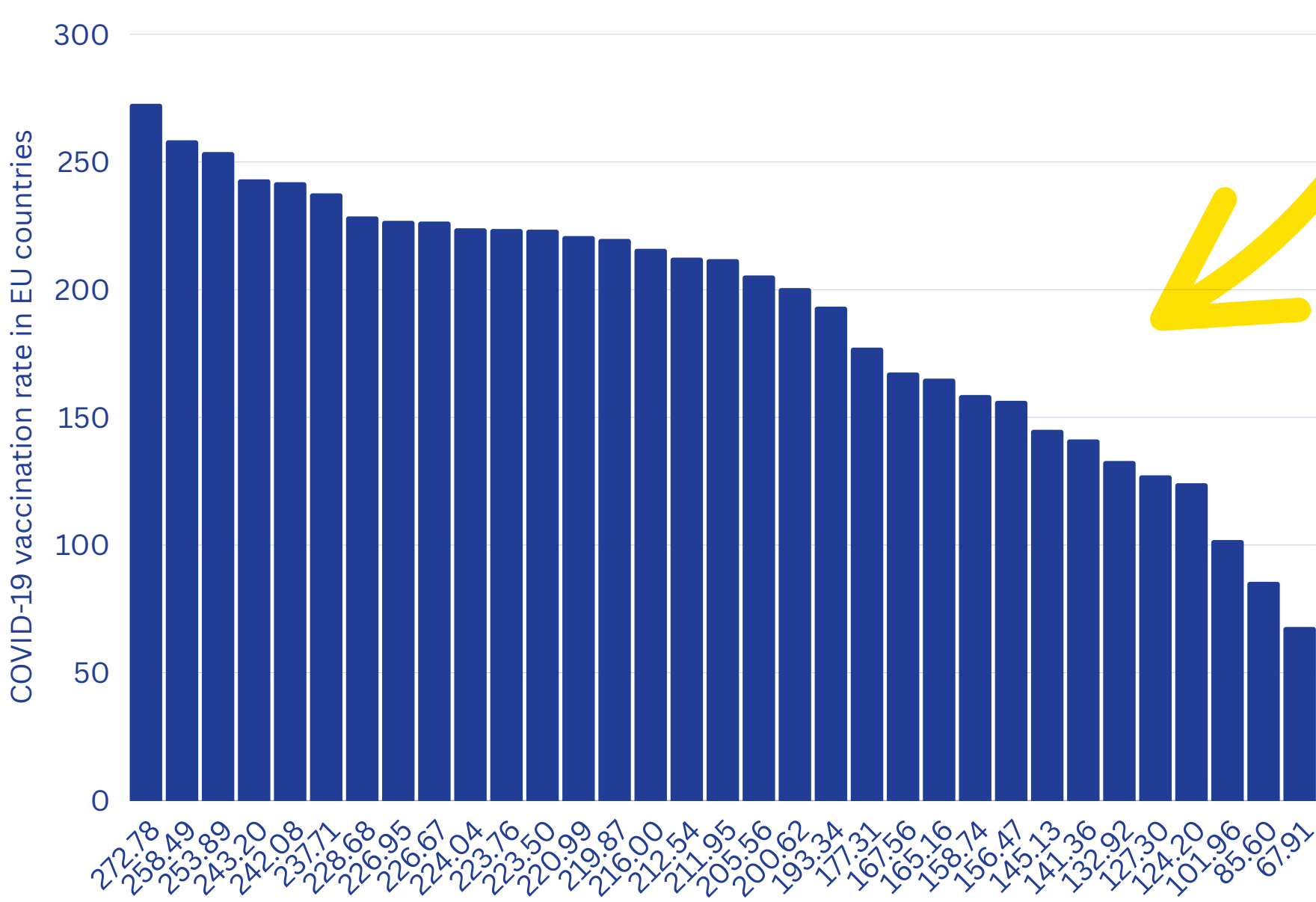
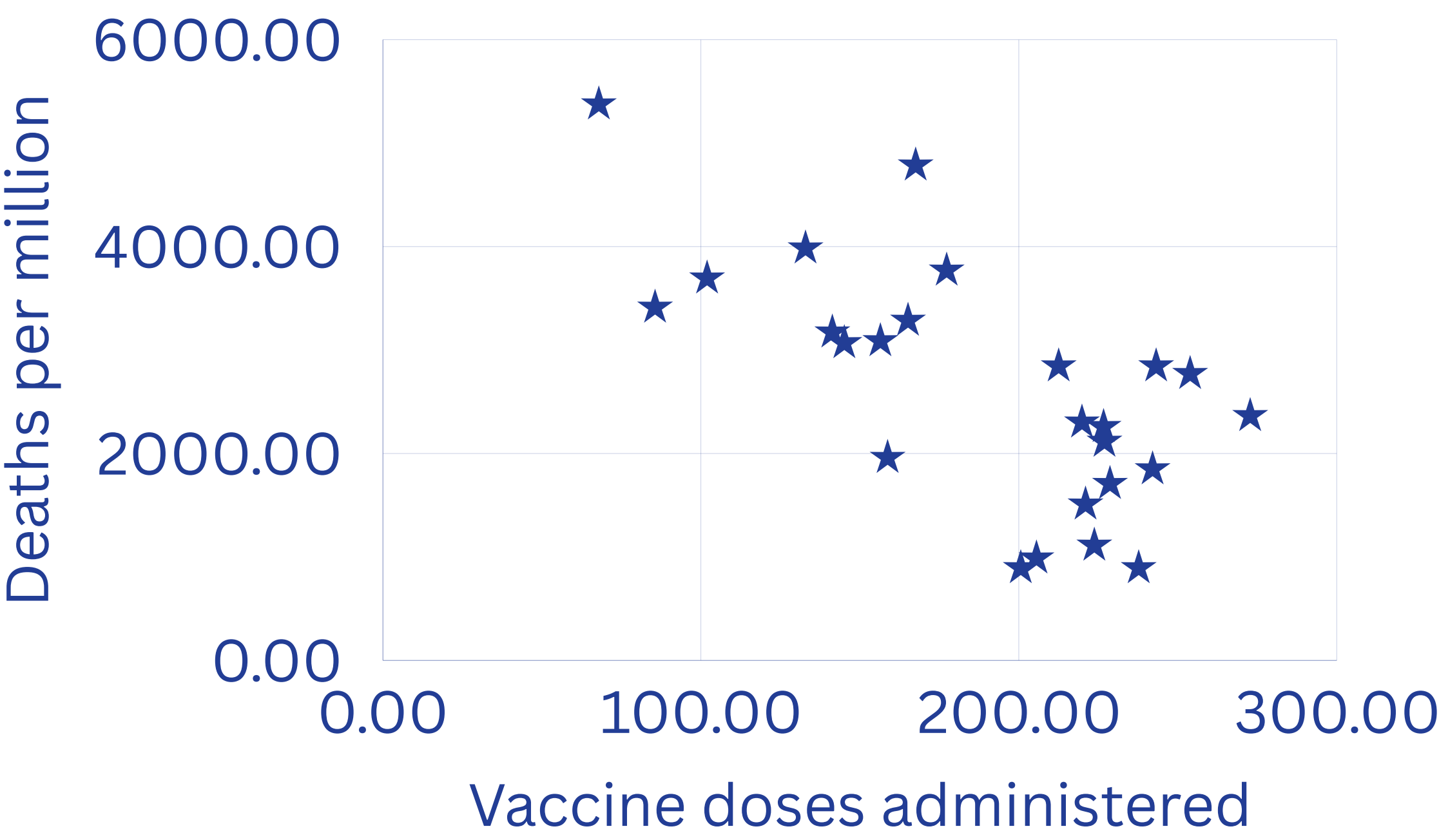
Europe’s health response is fragmented. Legal constraints, national controls, and uncoordinated medical responses can lead to inequality in healthcare access .

(Alemanno, 2020; Greer et al., 2022; Guy, 2020)

solution:

A European Health Union

Data analysis highlights the importance of vaccination



CORE RESULTS:

- **Fragmented & inconsistent national responses** (Caplanusi et al., 2024)
- **Centralized procurement improved equity and cost-efficiency** (Della Corte, 2024)
- **Higher vaccination %: lower mortality** (Andrews et al., 2021)
- **EUVRIS: To unify safety monitoring & response** (Caplanusi et al., 2024)
- **Legal, fiscal, and IP limits block full EHU integration** (Thambisetty et al., 2022)

METHODOLOGY: Interdisciplinary Aspects

Qualitative and quantitative data, literature review, and expert consultation

Assessment of structural drivers and integration benefits in health, biomedical, and market systems

Political & legal review of enablers and barriers to EU health coordination

CONCLUSION: Possible Solutions

- **IP coordination: faster licensing, data sharing, and fair access** (Thambisetty et al., 2022)
- **Centralized procurement: improves efficiency and budget stability** (Della Corte, 2024)
- **Market integration: reduces monopolies and boosts negotiation power** (Seretis et al., 2024)
- **EHU/EUVRIS: standardization streamlines logistics and enhances real-time safety oversight** (Caplanusi et al., 2024)

RECOMMENDATIONS: Potential Benefits of a EHU

- **Unified EHU for stronger EU coordination, crisis response and global leadership** (Wouters et al., 2023; Alemanno, 2020)
- **EUVRIS for real-time monitoring and standardized EU-wide guidance** (Caplanusi et al., 2024)
- **Centralized procurement lowers costs, reduces reliance, improves equity, and boosts trust** (Della Corte, 2024; Andrews et al., 2021)



Authors: Alba Villagrasa Martín, Mara Melina Becker, Maja Friedrichs, Matthieu Carray, Julia Flejterska

Alemanno, A. (2020). Towards a European Health Union: Time to level up. European Journal of Risk Regulation, 11(4), 721–725. <https://doi.org/10.1017/err.2020.106>
Andrews, N., Tessier, E., Stowe, J., Gower, C., Kirsebom, F., Simmons, R., ... & Bernal, J. L. (2021). Vaccine effectiveness and duration of protection of Comirnaty, Vaxzevria and Spikevax against mild and severe COVID-19 in the UK. medRxiv. <https://doi.org/10.1101/2021.09.15.21263583>
Caplanusi, I., Szmigiel, A., van der Elst, M., Christiansen, M. L. S., Thirstrup, S., Zaccaria, C., ... & Straus, S. (2024). The role of the European Medicines Agency in the safety monitoring of COVID-19 vaccines and future directions in enhancing vaccine safety globally. Drug Safety, 47(5), 405–418. <https://doi.org/10.1007/s40264-024-01405-9>
Della Corte, F. S. (2024). The EU Vaccines Strategy: A missed opportunity for EU public health? European Journal of Risk Regulation, 15(2), 333–345.
Greer, S. L., Rozenblum, S., Fahy, N., & Brooks, E. (2022). Everything you always wanted to know about European Union health policies but were afraid to ask (3rd ed.). WHO Regional Office for Europe. <https://iris.who.int/handle/10665/354182>
Guy, M. (2020). Towards a European Health Union: What role for member States? European Journal of Risk Regulation, 11(4), 757–765. <https://doi.org/10.1017/err.2020.77>
Seretis, S. A., Mavroudeas, S. D., Tanik, F. A., Benos, A., & Kondilis, E. (2024). COVID-19 pandemic and vaccine imperialism. Review of Radical Political Economics. <https://doi.org/10.1177/04866134241282107>
Thambisetty, S., McMahon, A., McDonagh, L., Kang, H. Y., & Duffield, G. (2022). Addressing vaccine inequity during the COVID-19 pandemic: The TRIPS intellectual property waiver proposal and beyond. The Cambridge Law Journal, 81(2), 384–416. <https://doi.org/10.1017/S0008197322000241>
Wouters, O. J., Forman, R., Anderson, M., Mossialos, E., & McKee, M. (2023). The launch of the EU Health Emergency Preparedness and Response Authority (HERA): Improving global pandemic preparedness? Health Policy, 133.