


INCREASE IN GONORRHOEA OVERVIEW OF THE SITUATION

16-05-2024

STI in the (inter)national media

 Centers for Disease Control and Prevention
CDC 24/7: Saving Lives, Protecting People™

Sexually Transmitted Diseases (STDs)

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L Pourquoi les infections sexuellement transmissibles continuent-elles à tant augmenter en Belgique ?

Sciensano publie ce lundi les dernières données qui montrent une augmentation continue des IST et en particulier de la gonorrhée.



Laurence Dardenne | Journaliste Santé, Bien-être/beauté



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Chlamydia, gonorrhée et syphilis: trois infections sexuellement transmissibles en recrudescence chez les jeunes. ©Copyright (c) 2021 Saiful52/Shutterstock. No use without permission.

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Home / Eurosurveillance / Volume 29, Issue 10, 07/Mar/2024 / Article

Rapid communication

Sharp increase in gonorrhoea notifications among young people, EU/EEA, July 2022 to June 2023

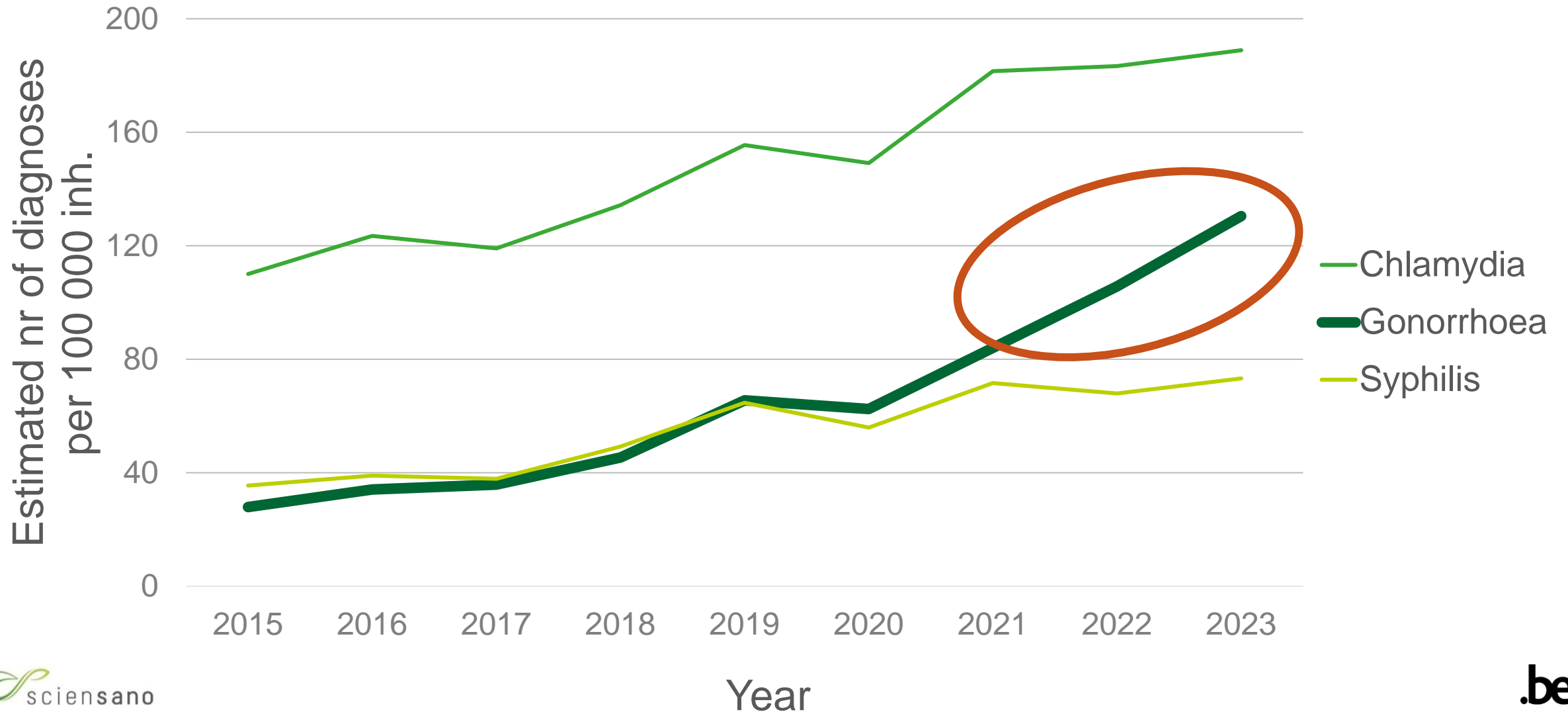
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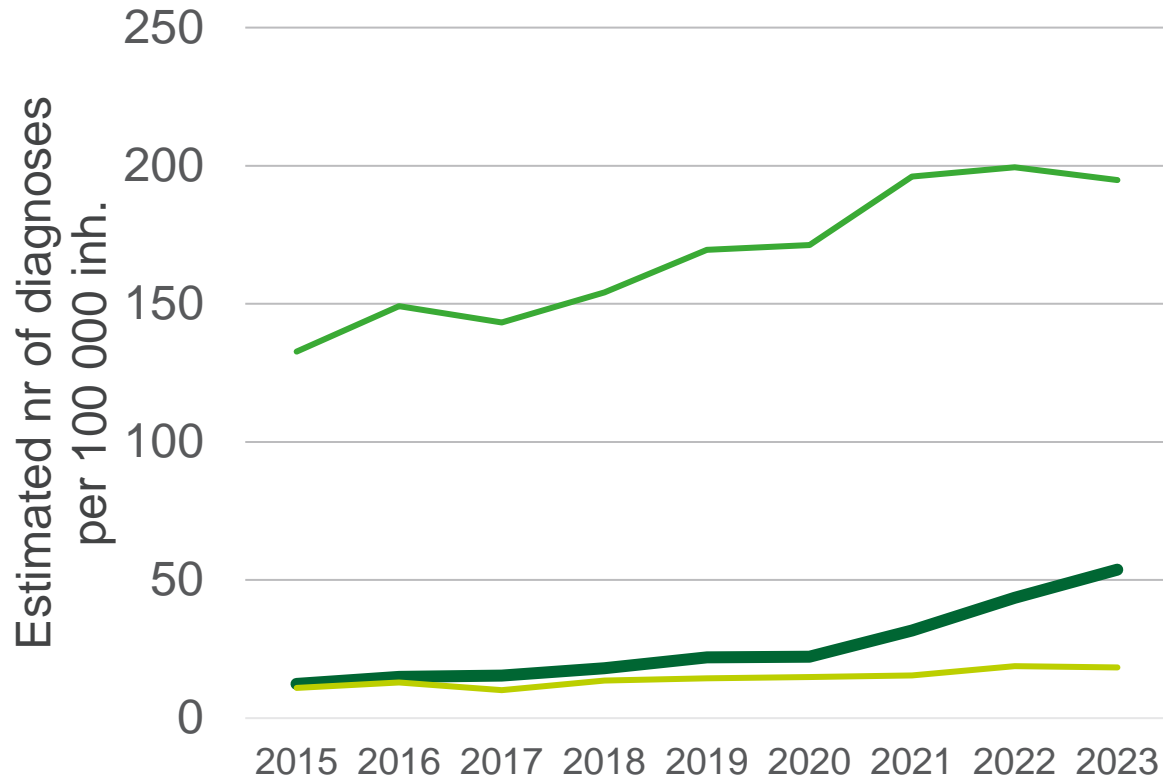
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Trends of chlamydia, gonorrhoea and syphilis

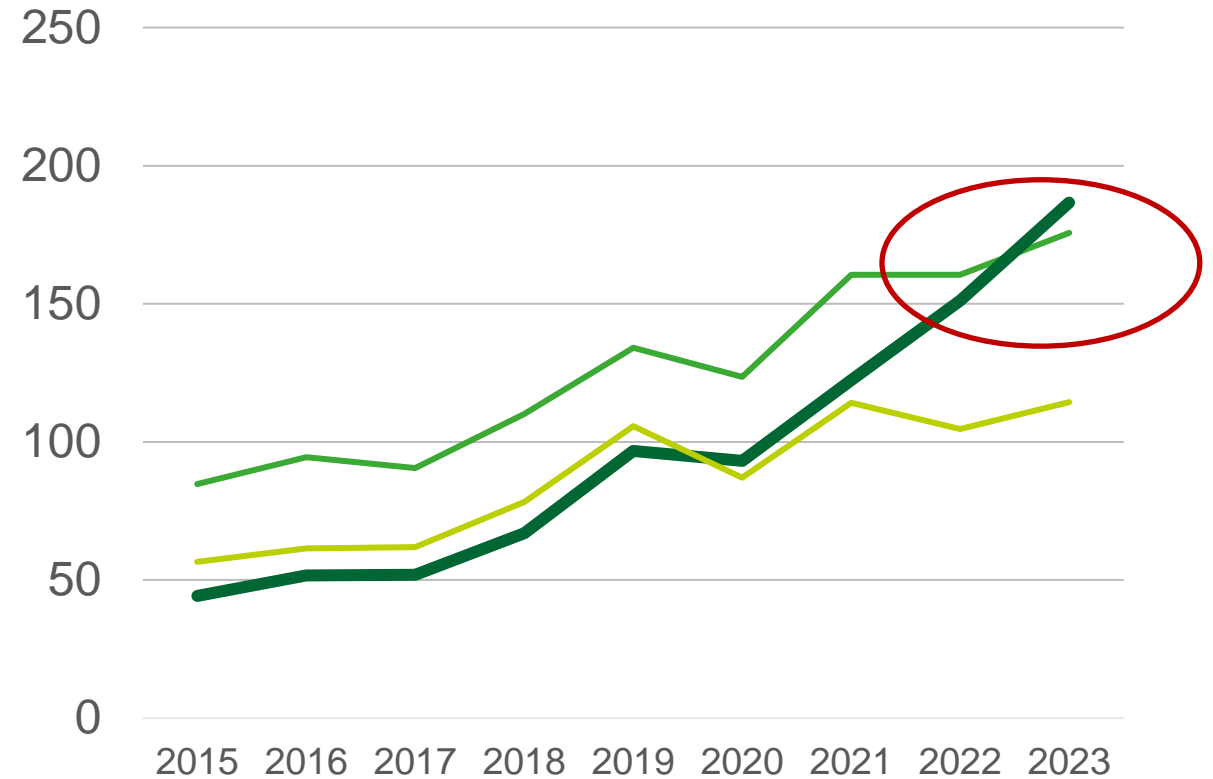


Trends of chlamydia, gonorrhoea and syphilis, by sex

Women



Men

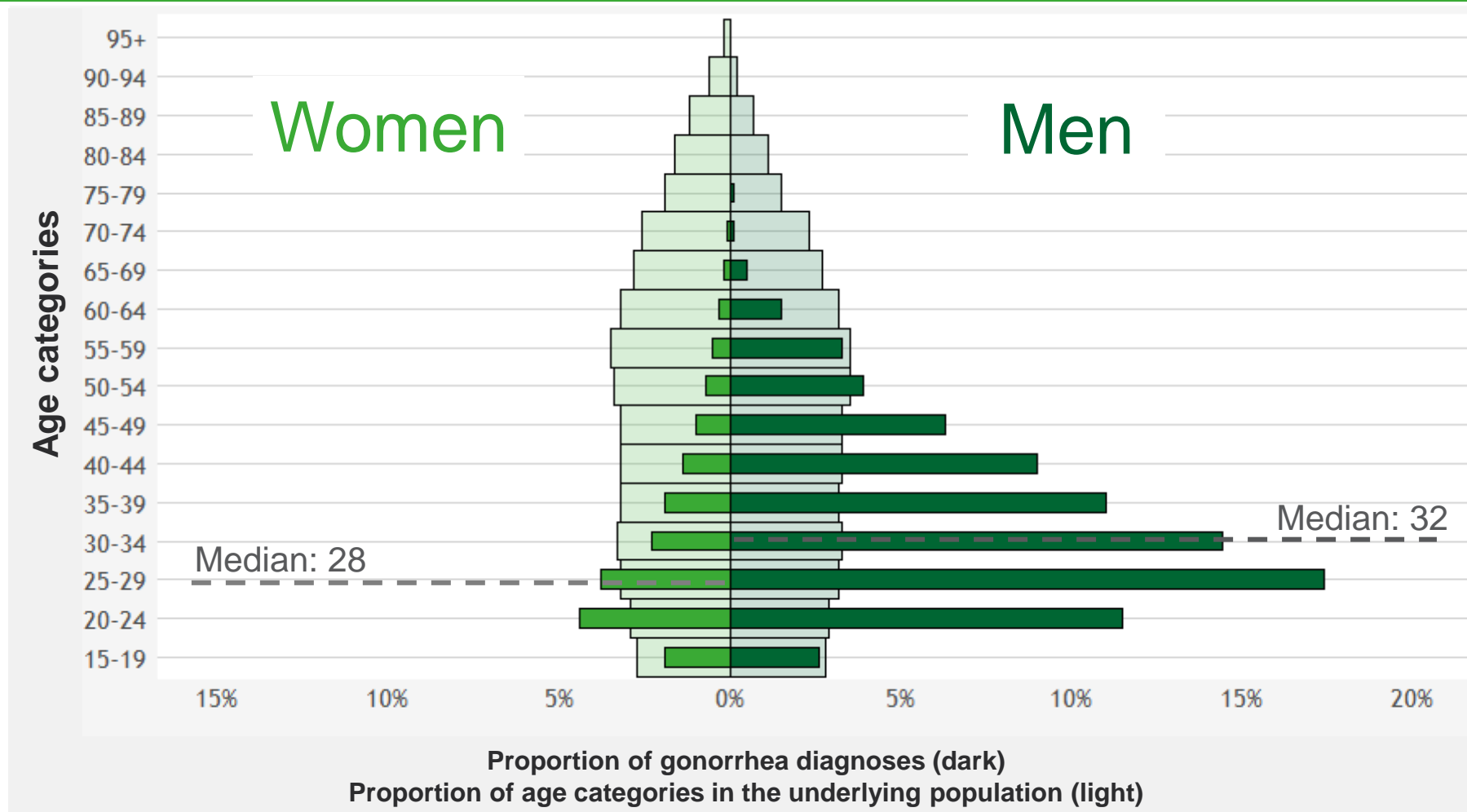


— Chlamydia

— Gonorrhoea

— Syphilis

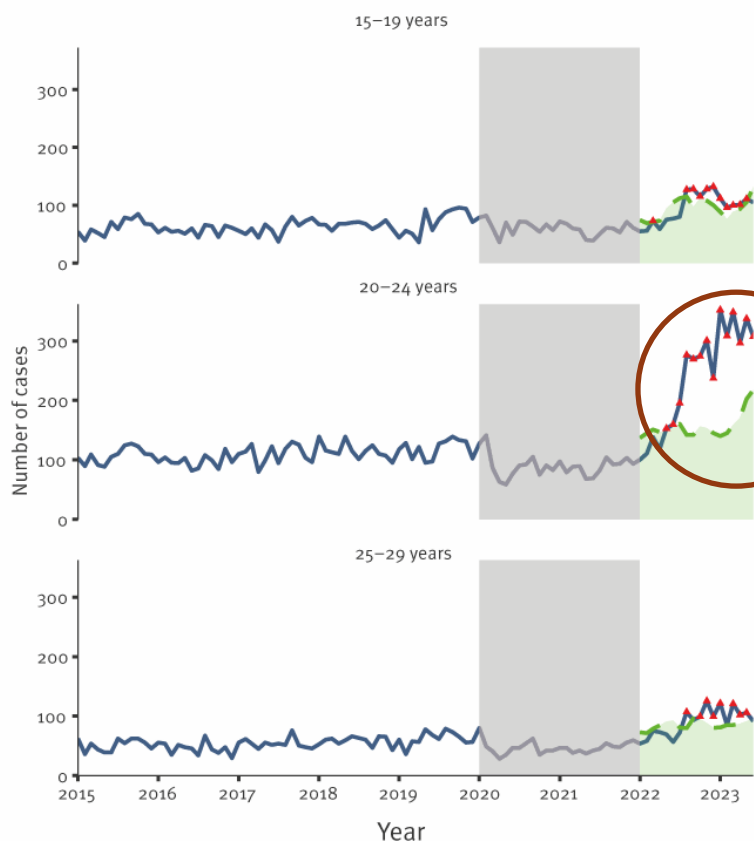
Proportional distribution of gonorrhoea cases per age & sex



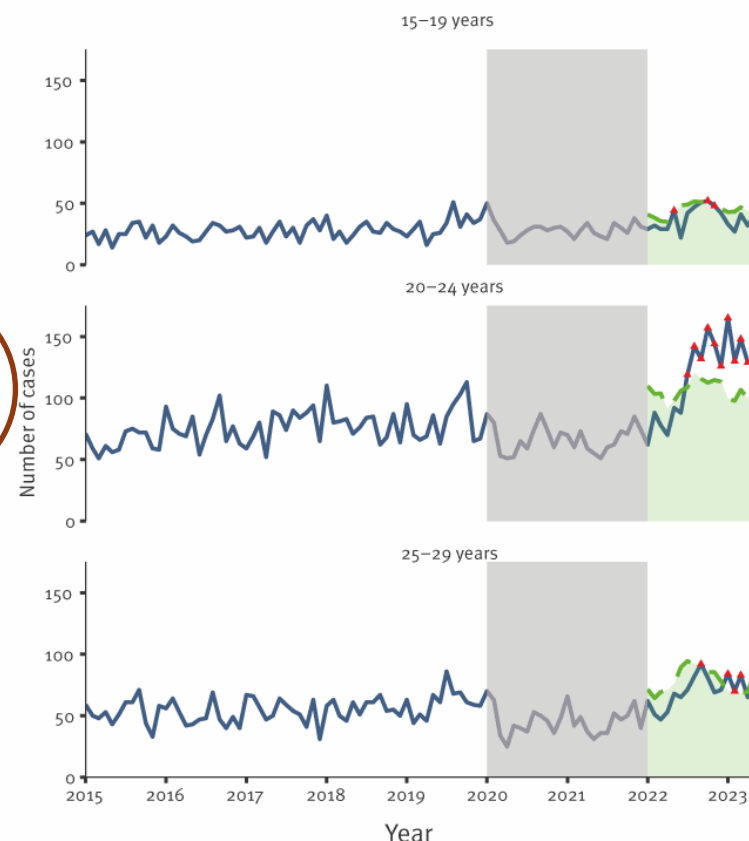
Sharp increase in gonorrhoea notifications among young people, EU/EEA, July 2022 to June 2023



A. Women (15 countries)



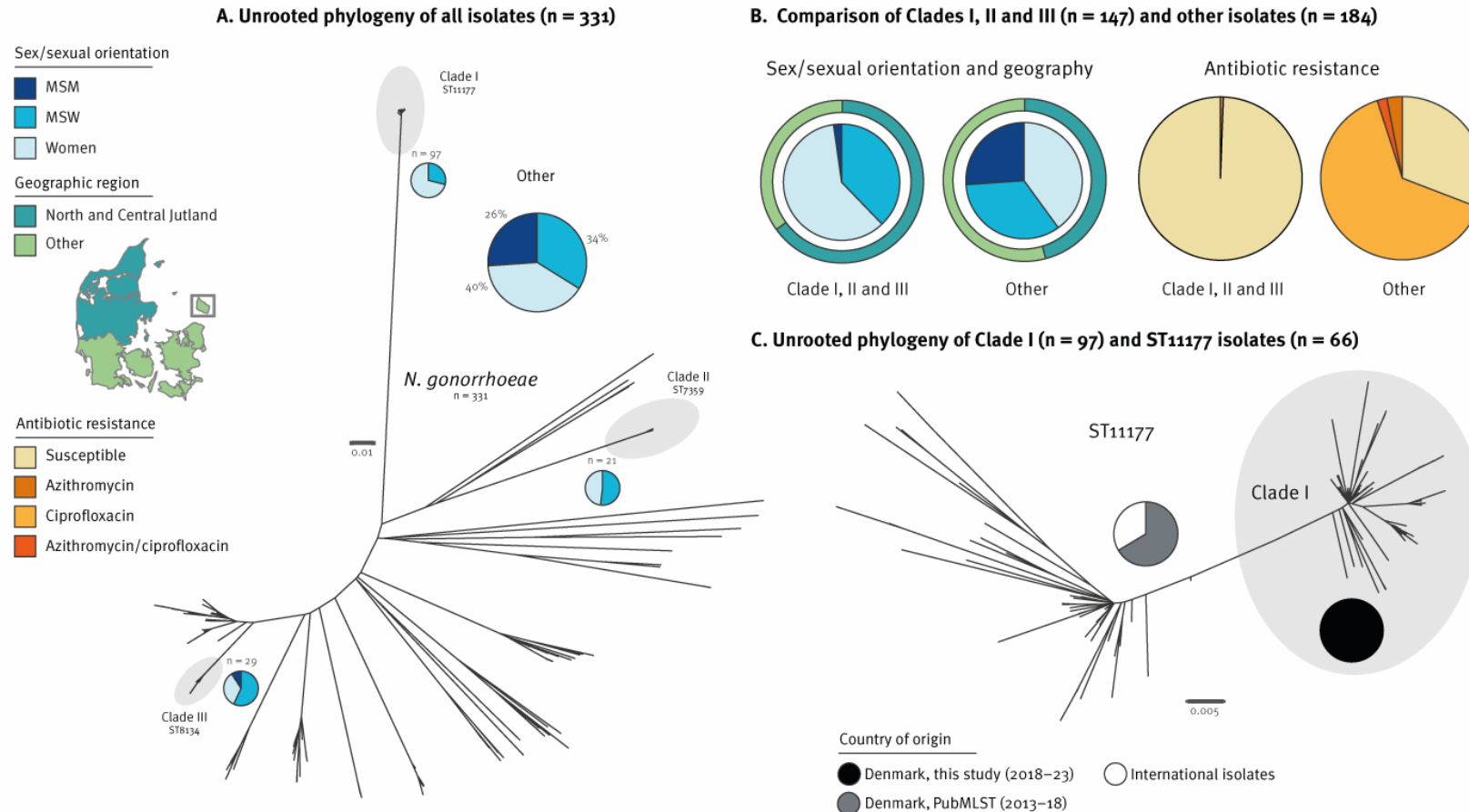
B. Men – heterosexual transmission (9 countries)



Number of gonorrhoea cases (January 2015–June 2023) compared with the exceedance threshold (January 2022–June 2023), by month, EU/EEA

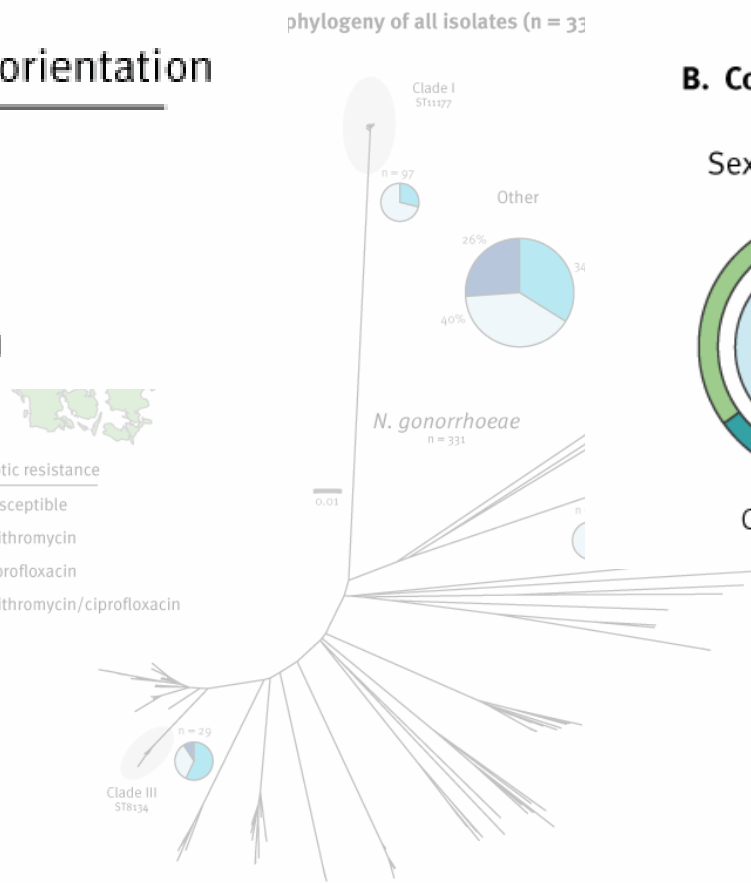
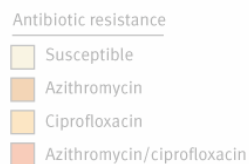
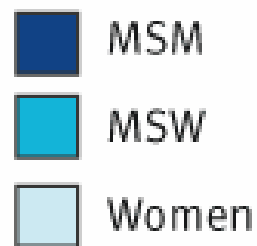
Gonorrhoea on the rise in Denmark since 2022: distinct clones drive increase in heterosexual individuals |

Population structure and epidemiological investigations of *Neisseria gonorrhoeae*, Denmark, 2018–2023



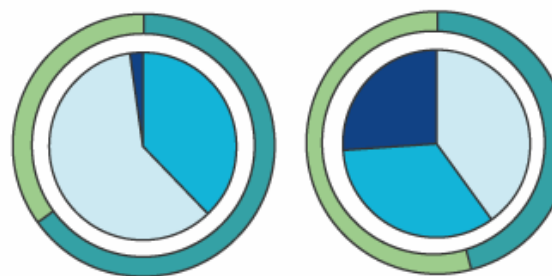
Gonorrhoea on the rise in Denmark since 2022: distinct clones drive increase in heterosexual individuals |

Sex/sexual orientation

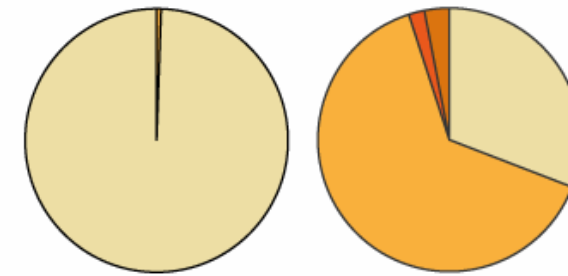


B. Comparison of Clades I, II and III (n = 147) and other isolates (n = 184)

Sex/sexual orientation and geography



Antibiotic resistance



Country of origin





Public health impact and cost-effectiveness of gonorrhoea vaccination: an integrated transmission-dynamic health-economic modelling analysis

[Lilith K Whittles, PhD](#) • [Prof Xavier Didelot, DPhil](#) • [Prof Peter J White, PhD](#)  

JCVI advice on the use of meningococcal B vaccination for the prevention of gonorrhoea

Published 10 November 2023

Ongoing prospective RCT

Meningococcal
Group B Vaccine

- 4CMenB
(Bexsero)

N. Gonorrhoeae
vaccine

NIAID

- All sexes

GogoVax
(Kirby institute)

- gbMSM

GSK

- Phase 1/2
- All sexes



Contact

<Amaryl Lecompte> • <amaryl.lecompte>@sciensano.be • +32 2 642 51 10