

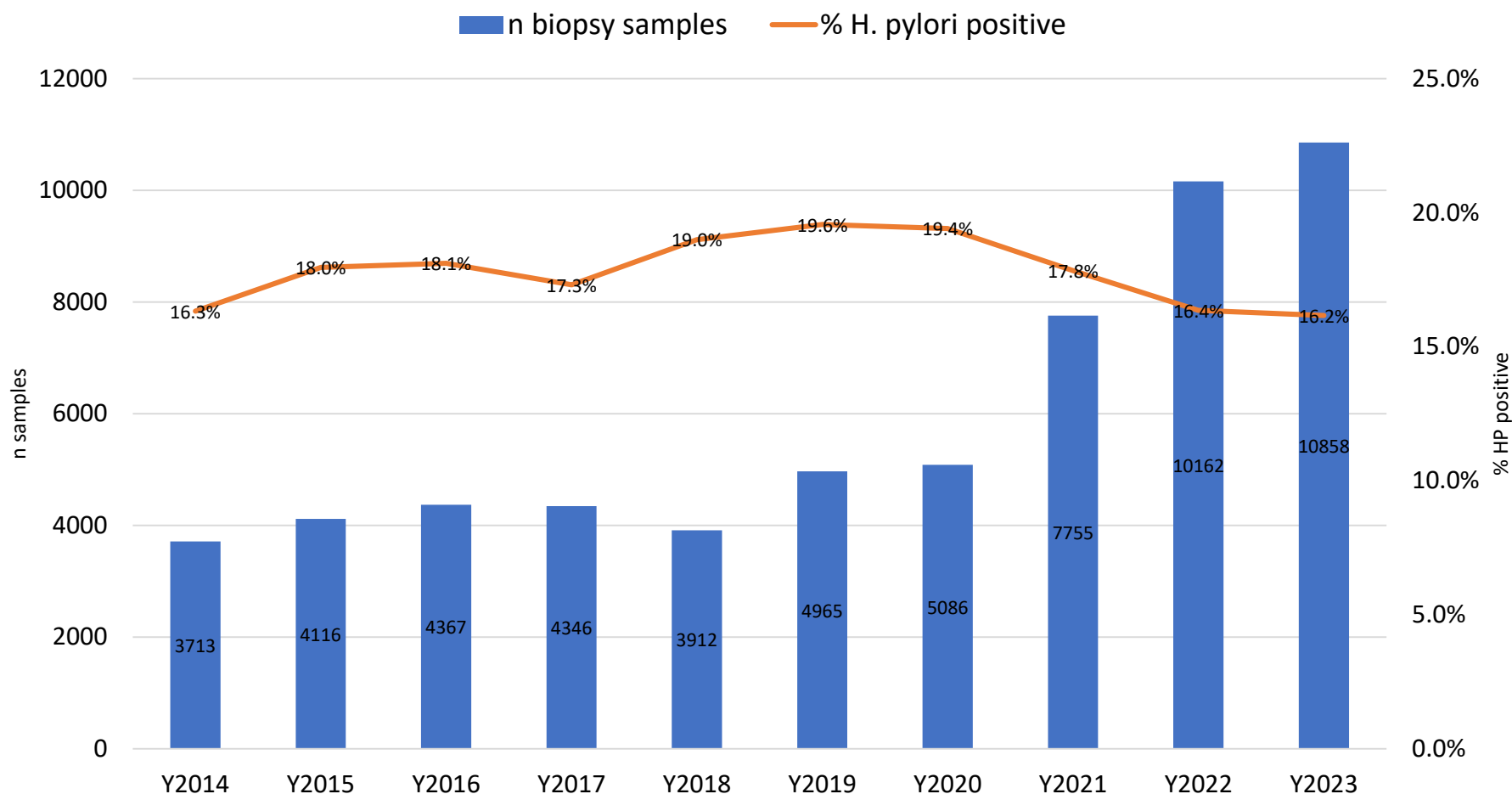


Antimicrobial resistance of *Helicobacter pylori* in Belgium

National Reference Center for *Helicobacter pylori*
CHU UCL Namur

H. pylori detection in gastric biopsies

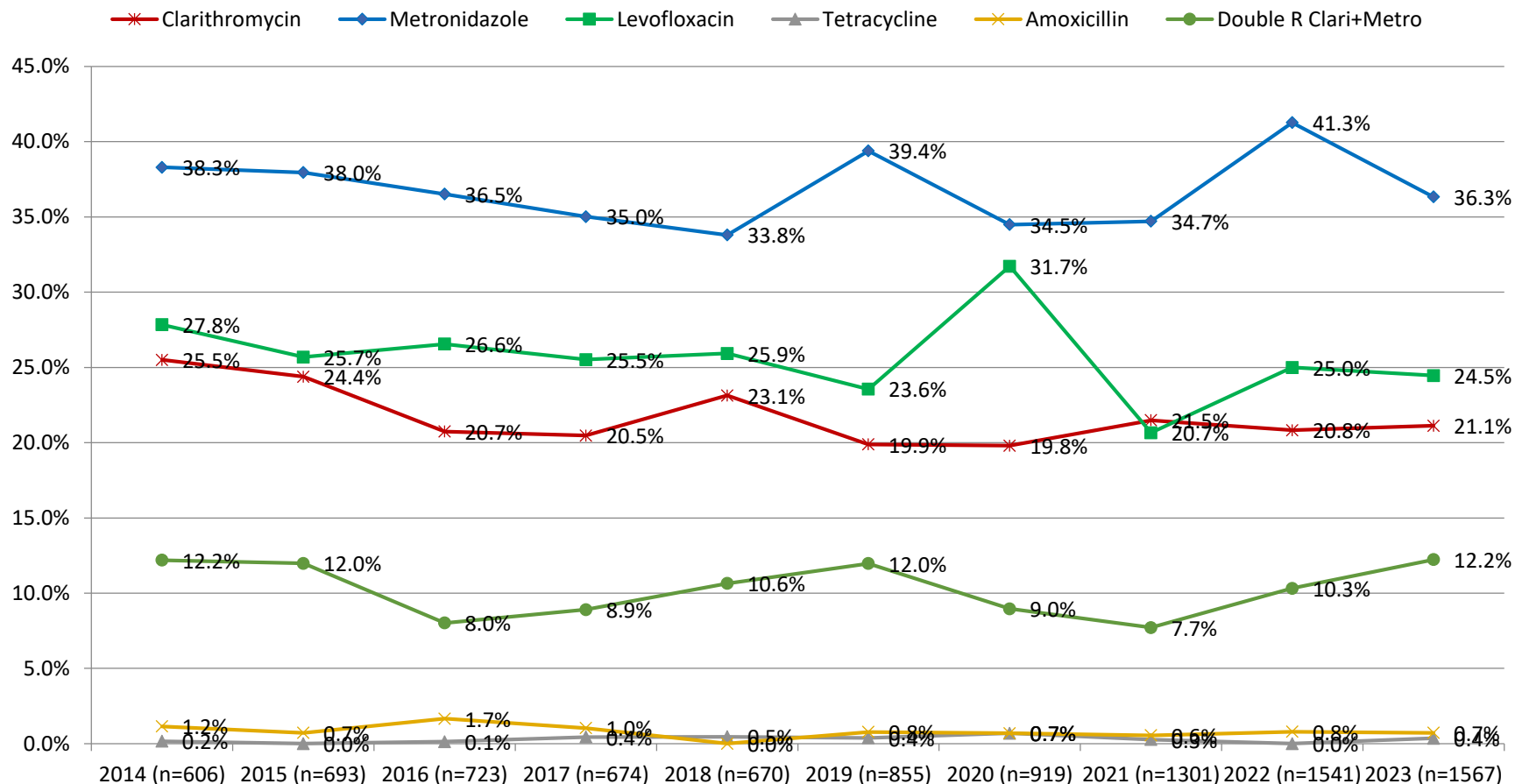
Gastric biopsies for *H. pylori* detection, NRC Belgium*



*Analysis from 6 centers

Primary antimicrobial resistance rates of *H. pylori*

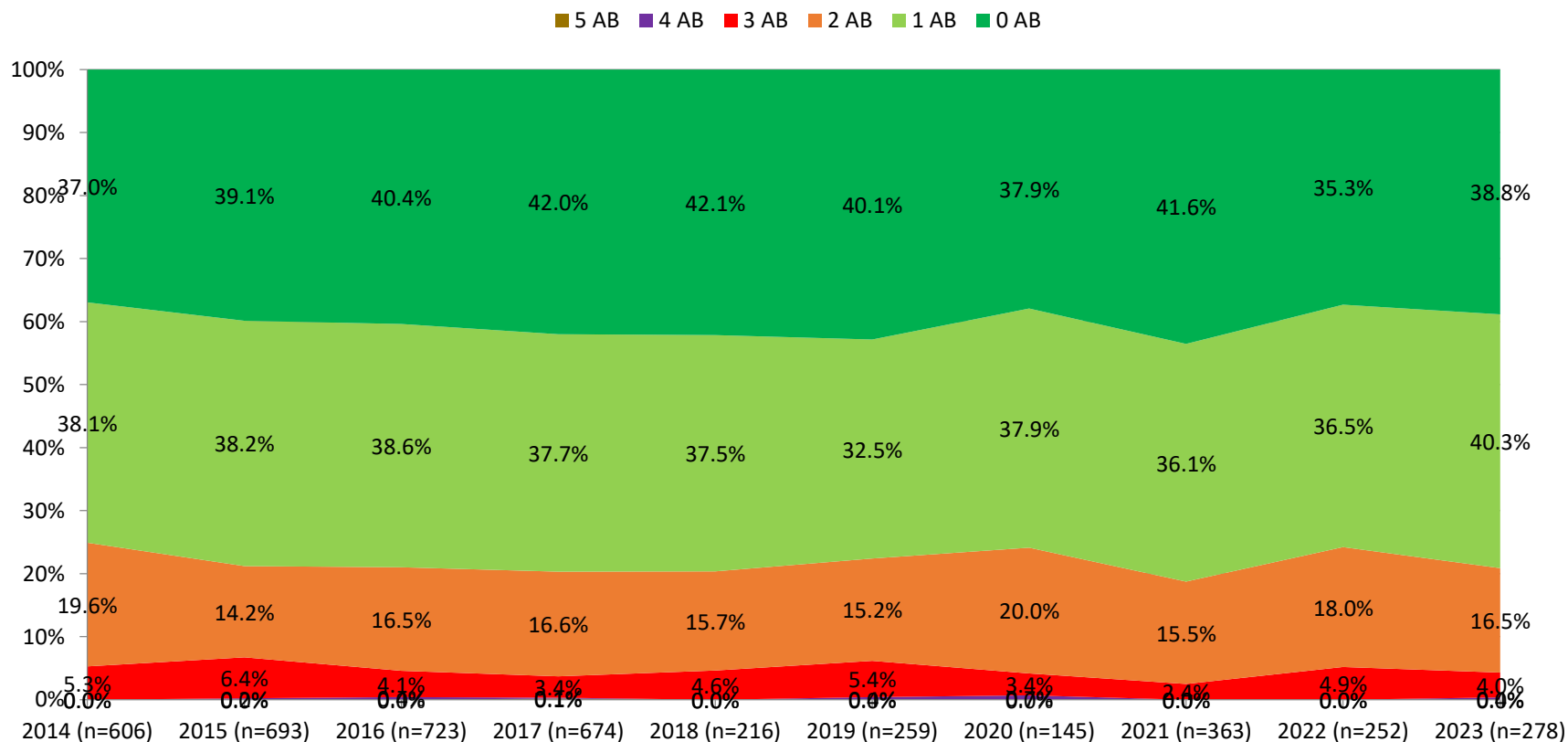
Primary resistance (%) of *H. pylori* at the NRC in Belgium*



- *Analysis from 6 centers
- In 2023, total number of cultured isolates or PCR Hp positive samples analyzed for primary R rate of:
 - clarithromycin (n=1567),
 - metronidazole, levofloxacin, tetracycline, amoxicillin (n=278 Hp strains)

Number of antimicrobial agents for which a primary resistance of *H. pylori* is observed

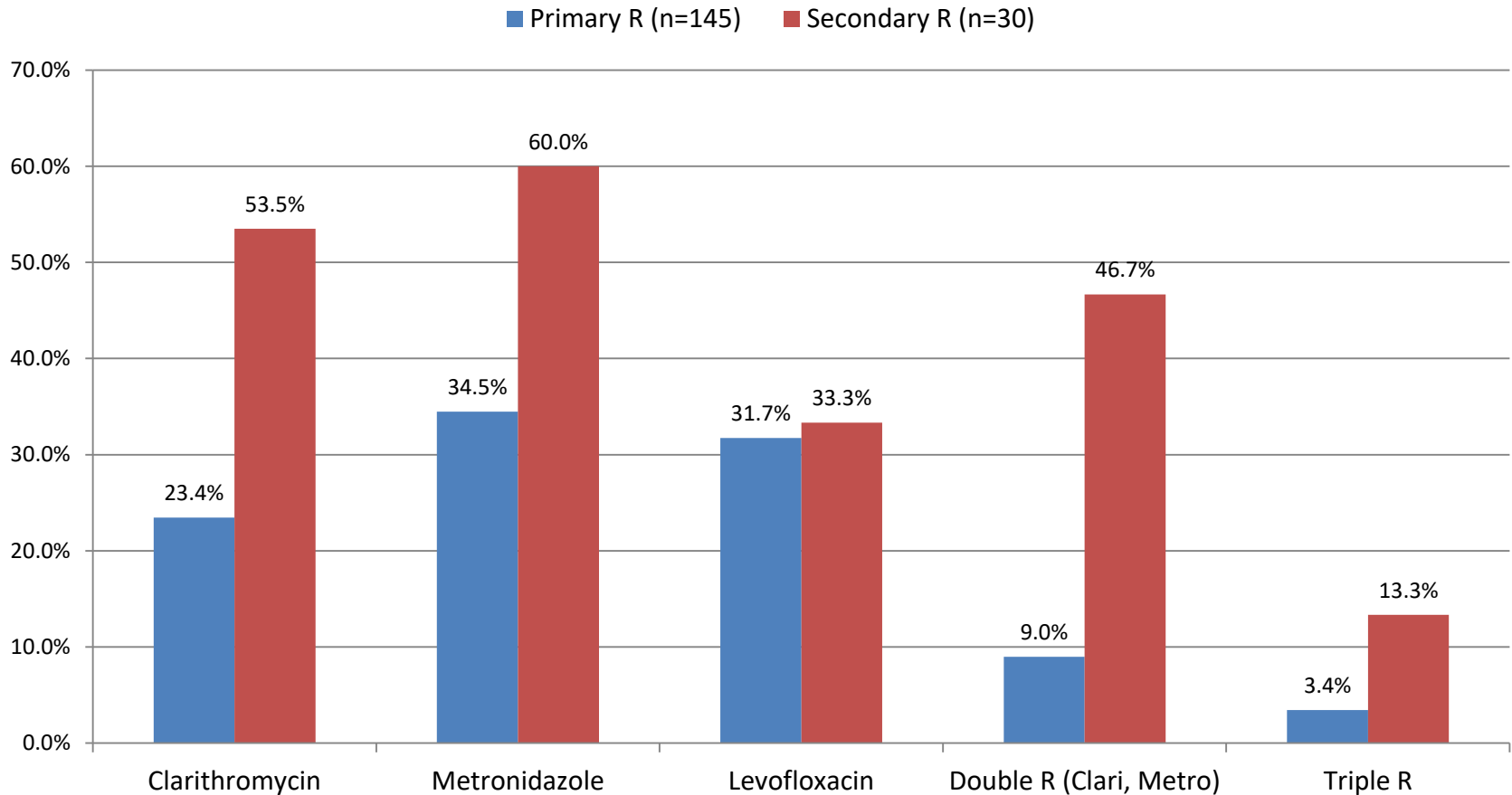
Primary resistance (%) of *H. pylori* at the NRC in Belgium*



- *Analysis from 6 centers
- ** ≥ 2 different classes of antimicrobial agents may possibly be secondary resistance (misclassified as primary resistance) due to the lack of information of previous exposure to antimicrobial treatment

Primary and secondary resistances (%) among *H. pylori*

Primary and secondary resistances (%) of *H. pylori*, NRC Belgium 2019-2020



Primary and secondary resistances (%) among *H. pylori*

Primary and secondary resistances (%) of *H. pylori*, NRC Belgium 2019-2020

