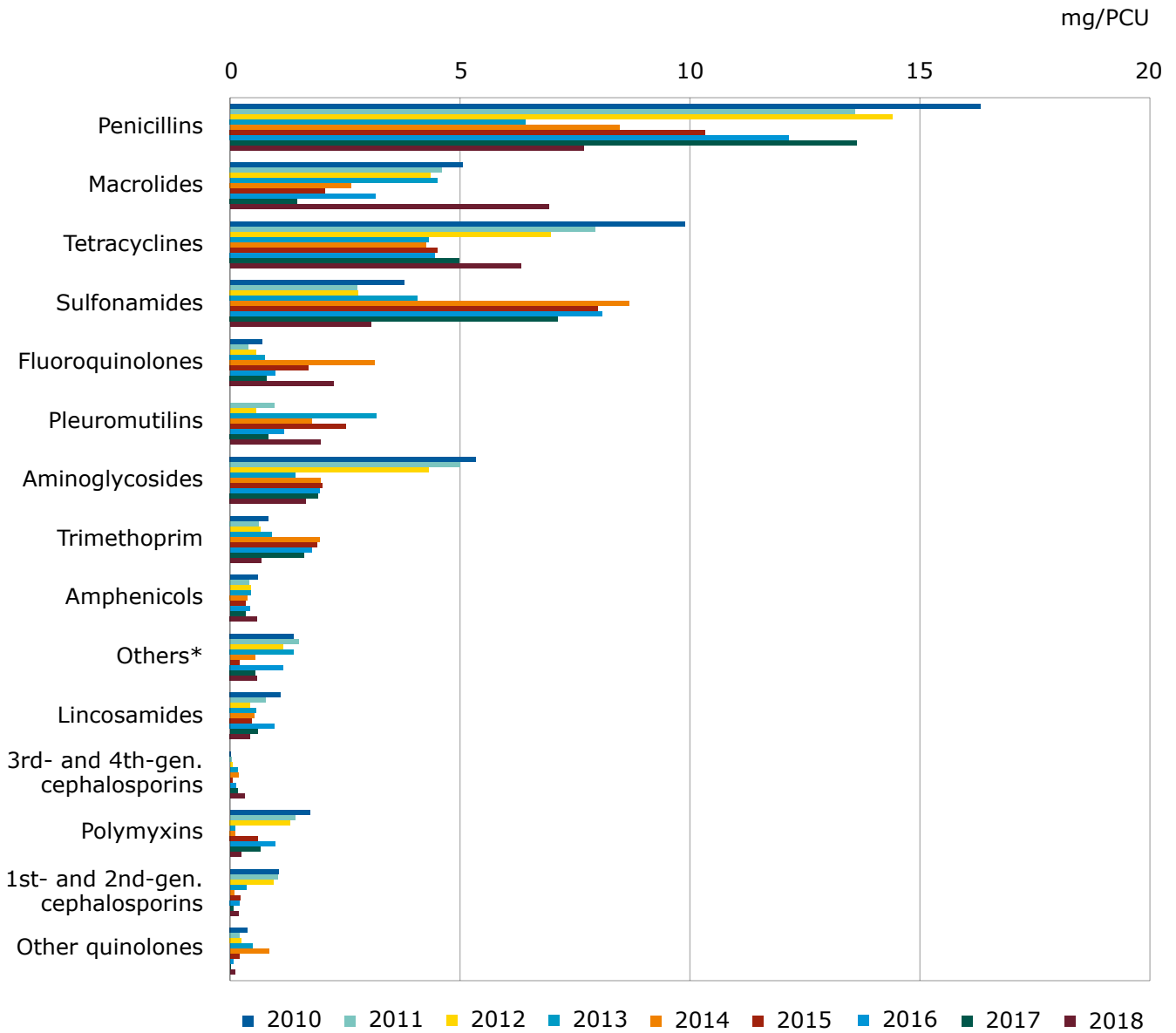


LITHUANIA



CHANGES IN SALES (MG/PCU) ACROSS YEARS



* Other antibacterials (classified as such in the ATCvet system).

From 2011 to 2018, a 20% drop in total sales of veterinary antimicrobial agents for food-producing animals (in mg/PCU) was seen in Lithuania. Between 2017 and 2018, a minor change from 34.8 mg/PCU to 33.1 mg/PCU was noted. Currently, there are no precise data available that can explain the observed changes in the sales patterns of veterinary antimicrobial agents in Lithuania.

The State Food and Veterinary Service (SFVS) together with the Ministry of Health, developed a 2017-2020 national action plan against antimicrobial resistance. Moreover, SFVS adopted its own 2015-2020 action plan against antimicrobial resistance in the veterinary and agriculture sectors. Key elements of the antimicrobial resistance action plan are: prudent use of antibiotics in animals; restricting off-label use; reducing overall sales of antibiotics for use in animals; and organising training for veterinarians, farmers, animal owners and feed manufacturers on the prudent use of antimicrobial agents in animals.

The decline from 2010 to 2018 is mainly accounted for by a reduction in the reported sales of tetracyclines and penicillins. In 2010, sales of penicillins accounted for 34% of the total sales of antimicrobial VMPs while this figure was 23% in 2018. The corresponding figures for tetracyclines were 20% and 19%.

Sales (mg/PCU) of 3rd- and 4th-generation cephalosporins increased from 0.04 mg/PCU to 0.32 mg/PCU from 2011 to 2018. In 2018, aggregated sales of 3rd- and 4th-generation cephalosporins VMPs were 0.18 mg/PCU across 25 countries. In 2010, sales of this subclass accounted for 0.05% of total sales, while in 2018, this figure was 1%.

Sales of fluoroquinolones rose during the study period. In 2018, sales of fluoroquinolones in Lithuania were 2.26 mg/PCU, while aggregated sales in 25 countries were 2.42 mg/PCU in 2018.

For other quinolones, sales decreased by 47% from 2011 (0.21 mg/PCU) to 2018 (0.11 mg/PCU). The aggregated sales for the 25 countries were 0.27 mg/PCU.

Sales of polymyxins accounted for 3.6% and 0.7% of total sales in 2010 and 2018, respectively. In 2018, sales of polymyxins were 0.24 mg/PCU, while aggregated sales for 25 countries were 3.31 mg/PCU.

