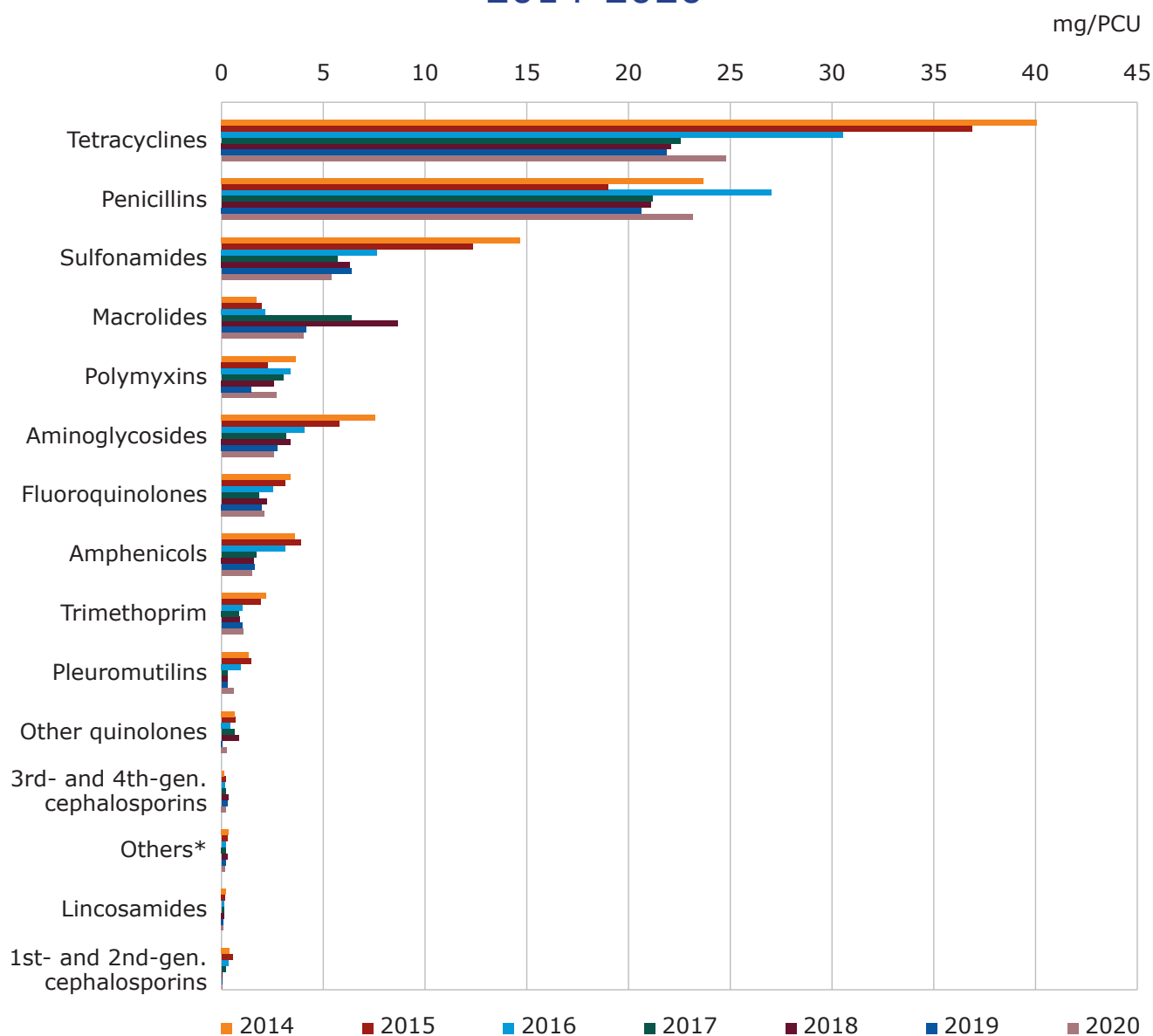




SALES TRENDS (MG/PCU) OF ANTIMICROBIAL VMPs FOR FOOD-PRODUCING ANIMALS

2014-2020



For Croatia, double reporting was observed for sales of several VMPs between 2014 and 2017 and under-reporting was observed in 2018.

* The class 'Others' includes sales of bacitracin, novobiocin and spectinomycin (classified as 'Other antibacterials' in the ATCvet system).

Overall, a drop of 39.3% was observed in total annual sales between 2014 (103.5 mg/PCU) and 2019 (62.8 mg/PCU). Although total sales increased by 9.2% in 2020 (68.6 mg/PCU) in comparison with 2019, they were still 33.7% lower than in 2014. Caution in interpreting these sales trends is advised since it usually takes at least three to four years to establish a valid baseline. Furthermore, efforts invested in gradually improving the reporting of antimicrobial data in Croatia have led to the discovery of double reporting of sales for several VMPs between 2014 and 2017 and under-reporting in 2018.

In 2020, tetracyclines, penicillins, sulfonamides and macrolides were the highest-selling classes, accounting for 36.1%, 33.7%, 7.9% and 5.9%, respectively, of total sales of antimicrobials (mg/PCU) for food-producing animal species, including horses.

Sales (mg/PCU) of 3rd- and 4th-generation cephalosporins, fluoroquinolones, other quinolones and polymyxins represented 0.32%, 3.1%, 0.39% and 3.9%, respectively, of total sales in 2020.

In 2020, 3rd- and 4th-generation cephalosporins were sold in larger quantities than 1st- and 2nd-generation cephalosporins, with sales totalling 0.22 mg/PCU. Sales were 79.4% higher than in 2014 (0.12 mg/PCU) and 23.7% lower than in 2019 (0.29 mg/PCU).

Sales of fluoroquinolones were 2.11 mg/PCU in 2020, 37.4% lower than in 2014 (3.37 mg/PCU) but 6.3% higher than in 2019 (1.98 mg/PCU).

Sales of other quinolones have fluctuated since 2014 (0.65 mg/PCU), with a peak in 2018 (0.85 mg/PCU) and a trough in 2019 (0.06 mg/PCU). In 2020, sales of other quinolones (0.27 mg/PCU) were 58.4% lower than in 2014 but 367% higher than in 2019.

Sales of polymyxins were 2.69 mg/PCU in 2020, 26% lower than in 2014 (3.64 mg/PCU) and 83% higher than in 2019 (1.47 mg/PCU).

