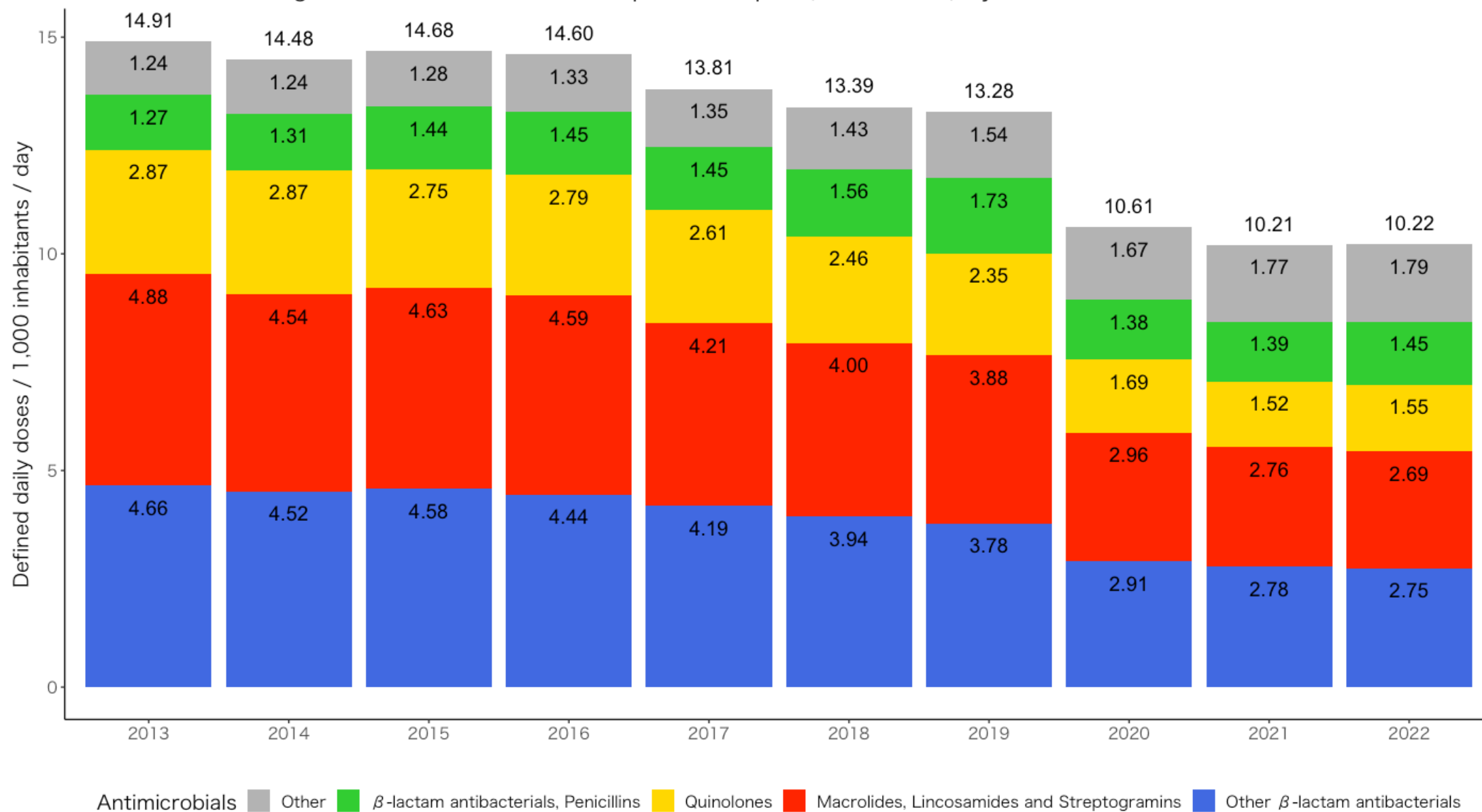


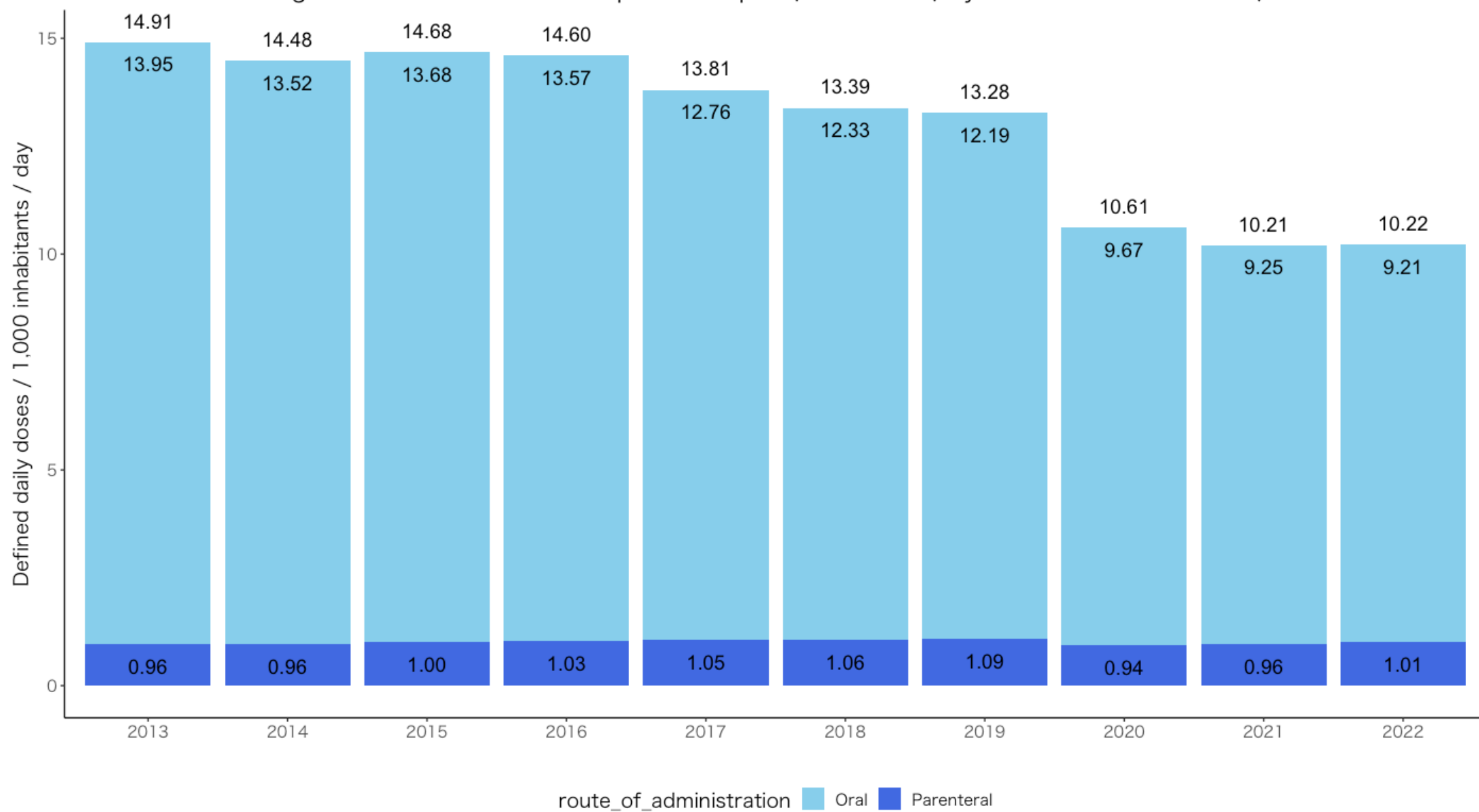
# Notes for using the data:

- The data are calculated from the antibiotic sales in each prefecture of Japan.
- The data do not always reflect the actual use of antibiotics in healthcare settings.
- The data based on only the sales of antibiotics for use in humans and do not include the sales of antibiotics for use in animals or for addition to feed.
- The definition of antibiotic drugs is taken from J01 of the ATC classification published by the WHO (i.e., oral metronidazole, which belongs to P01, is not included).
- The figures indicate drug utilization standardized by defined daily dose (DDD) per population and drug, called DID (DDDs/1,000 inhabitants/day).
- The DDD is according to data published on January 1, 2017.
- The population is according to estimates on October 1 of every year published by the Statistics Bureau, Ministry of Internal Affairs and Communications.
- For 2022, the August 1 population is used; it will be replaced when the October 1 population is published and minor changes to the figures are expected.
- • 0.000 indicates a value less than 0.001.

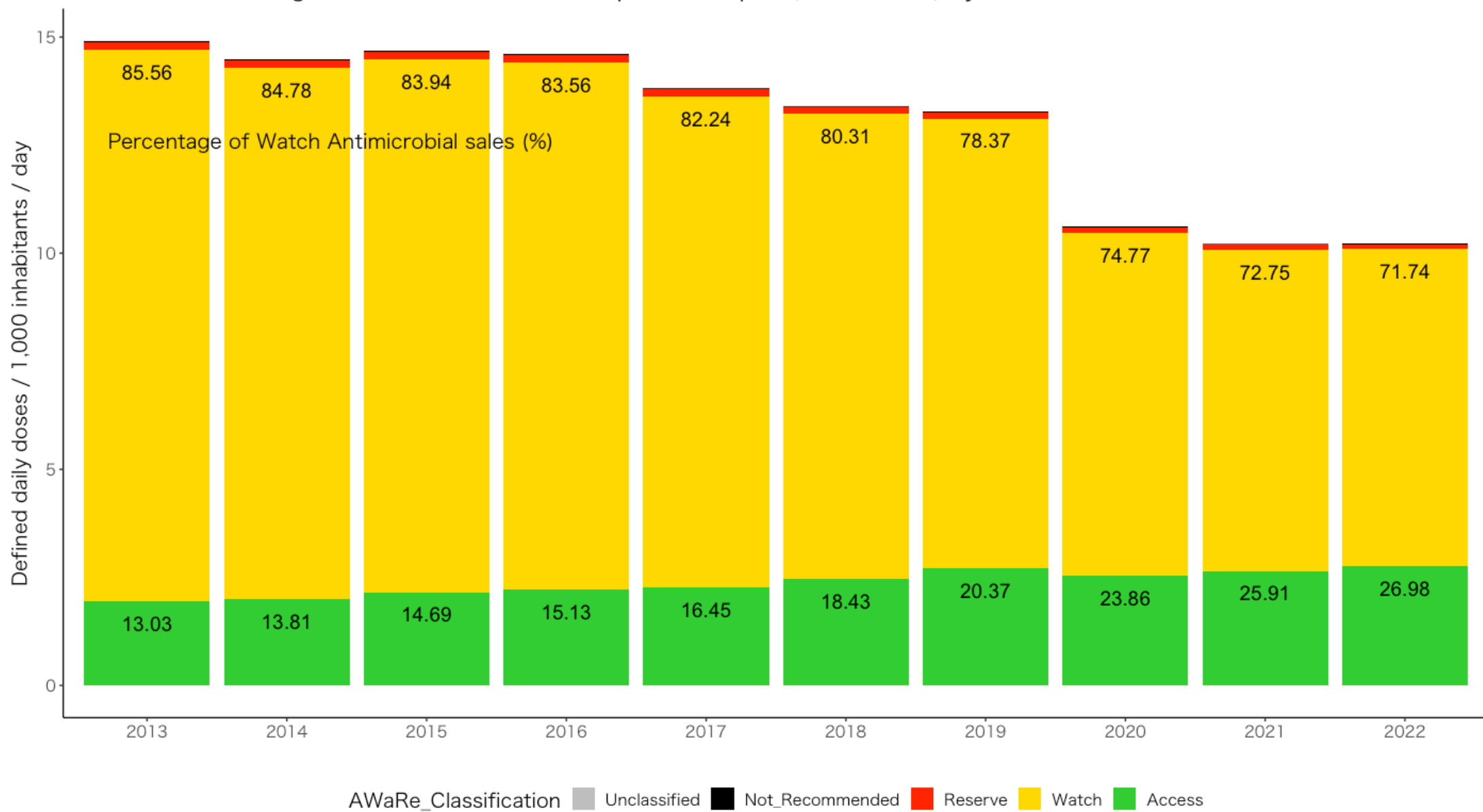
Change in Antimicrobials Consumption in Japan (2013-2022) by ATC3



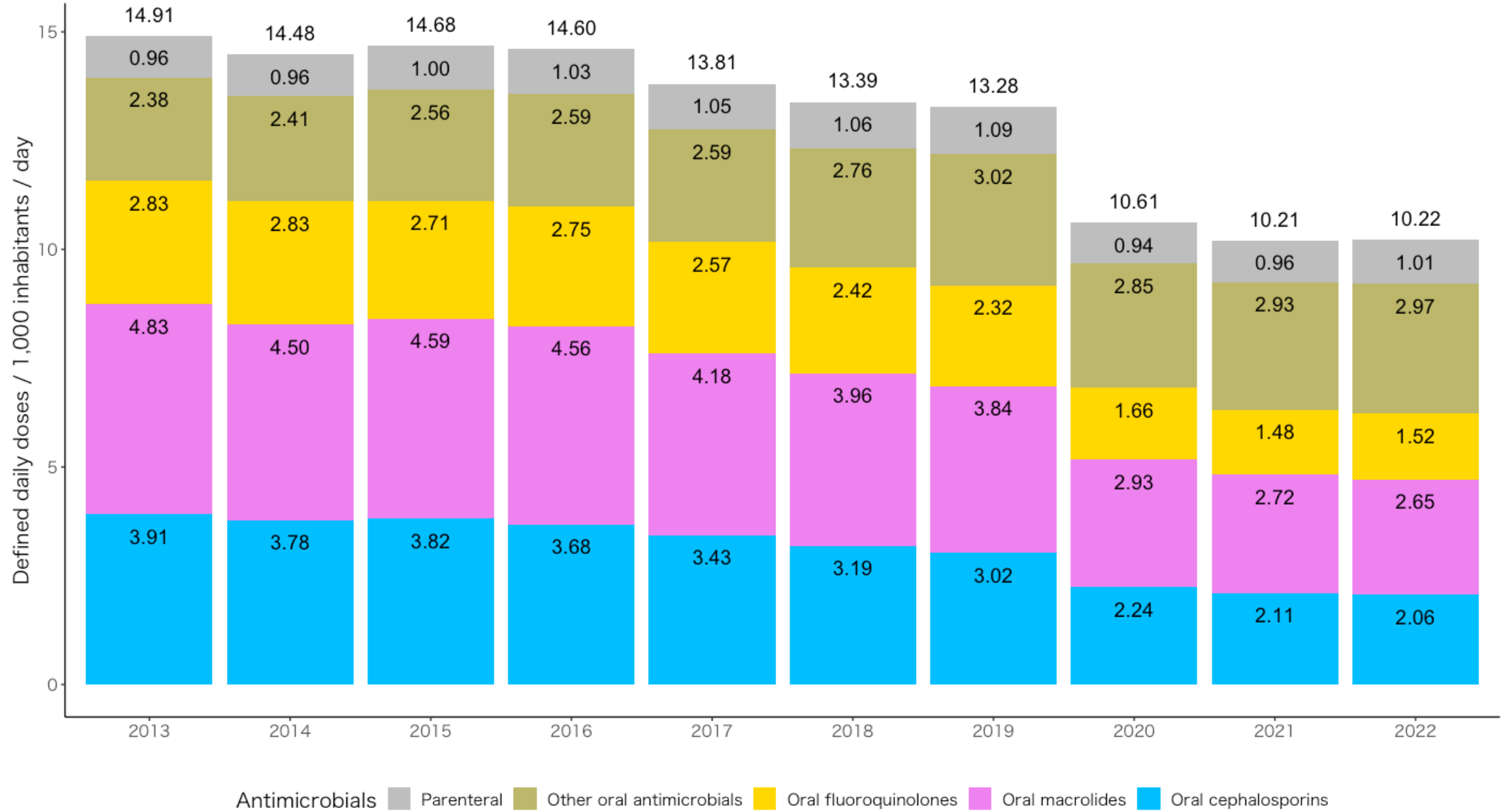
Change in Antimicrobial Consumption in Japan (2013-2022) by route of administration)



Change in Antimicrobial Consumption in Japan (2013-2022) by AWARe Classification



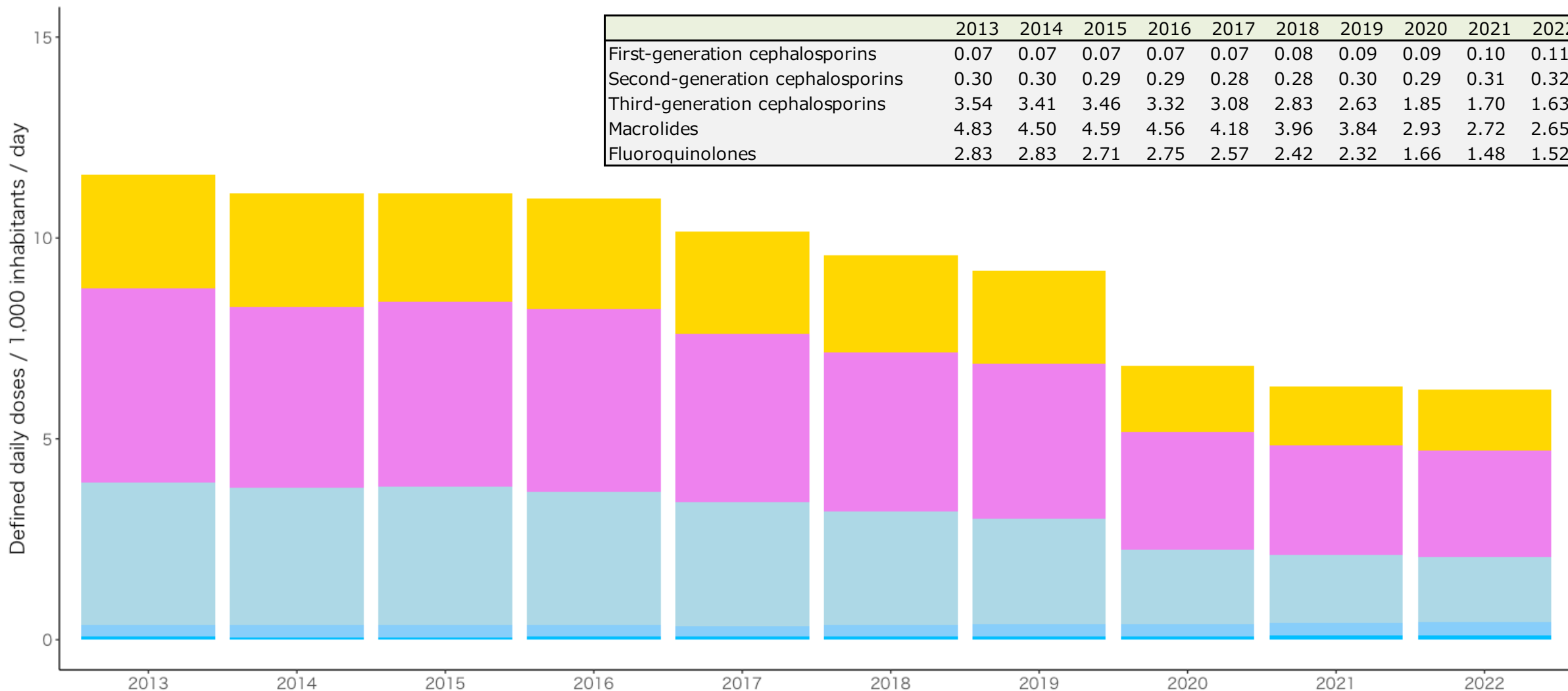
Change in Antimicrobial Consumption in Japan (2013-2022) by Antimicrobials



Oral

Change in Antimicrobial Consumption in Japan (2013-2022) by ATC4  
 Outcome indices for Oral antimicrobials in National Action Plan on Antimicrobial Resistance

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
First-generation cephalosporins	0.07	0.07	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.11
Second-generation cephalosporins	0.30	0.30	0.29	0.29	0.28	0.28	0.30	0.29	0.31	0.32
Third-generation cephalosporins	3.54	3.41	3.46	3.32	3.08	2.83	2.63	1.85	1.70	1.63
Macrolides	4.83	4.50	4.59	4.56	4.18	3.96	3.84	2.93	2.72	2.65
Fluoroquinolones	2.83	2.83	2.71	2.75	2.57	2.42	2.32	1.66	1.48	1.52



ATC4 ■ Fluoroquinolones ■ Macrolides ■ Third-generation cephalosporins ■ Second-generation cephalosporins ■ First-generation cephalosporins