

Surveillance of antifungal use in Japan

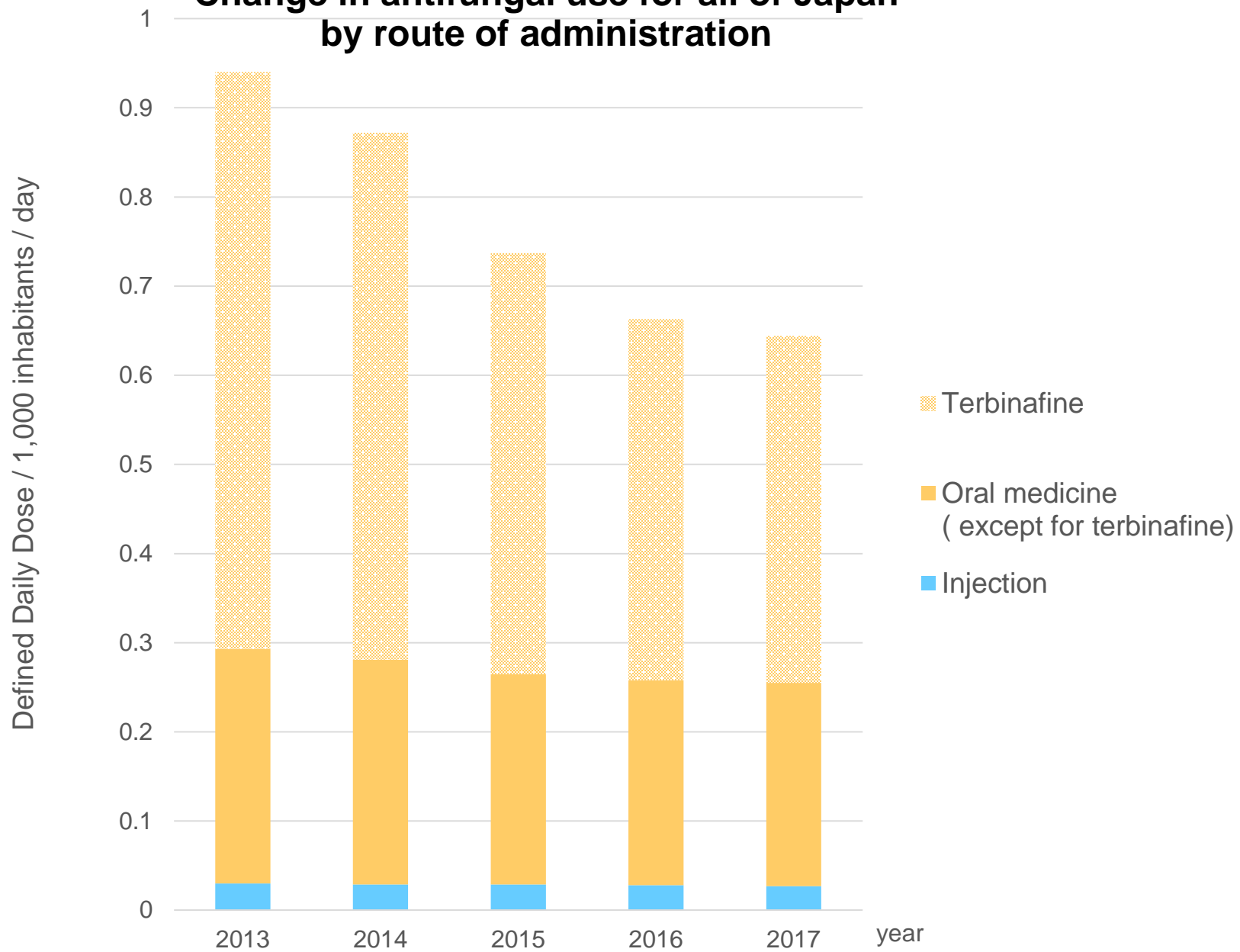
- The data are calculated from claims registered in the NDB. The data do not always reflect the precise antibiotic use because the data of patients who receive publicly funded health care are not always included. The numerical values are different from those of the surveillance of antibiotic sales (<http://amrcrc.ncgm.go.jp/surveillance/020/20190902163931.html>) due to the different data source.
- The figures indicate drug utilization standardized by defined daily dose (DDD) per population and drug, called DID (DDDs/1,000 inhabitants/day) (Reference: https://www.whocc.no/atc_ddd_index/). The DDD is according to data published on January 1, 2017.
- The population is according to estimates published by the Statistics Bureau, Ministry of Internal Affairs and Communications, Japan. (<https://www.stat.go.jp/data/jinsui/>)
- Please see this PDF (http://amr.ncgm.go.jp/pdf/190903_glossary.pdf) for definitions of terminology related to the surveillance of antibiotics.

○ Notes

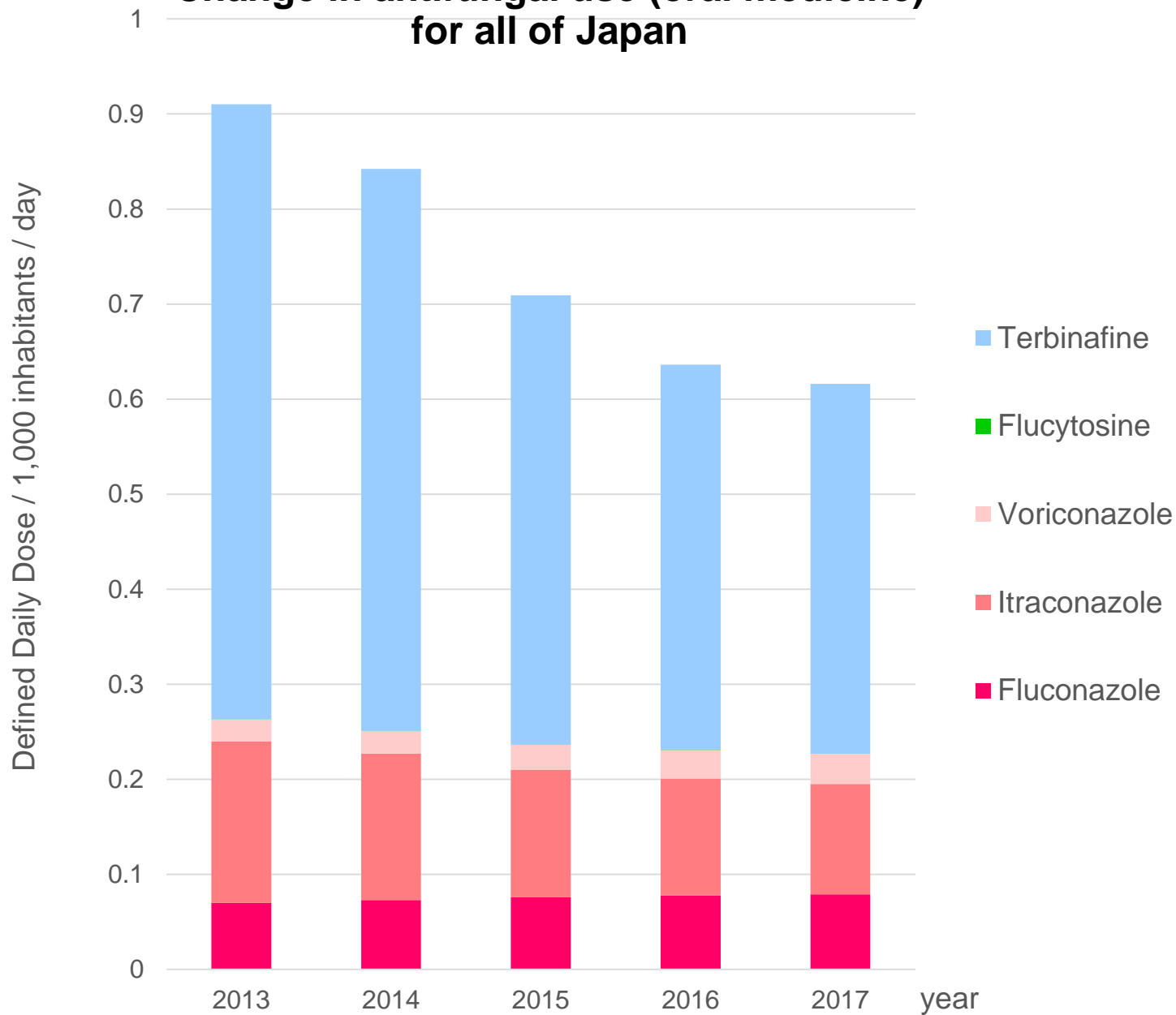
- The definition of antifungal drugs is from J02 and D01BA02 of the ATC classification published by the WHO, with reference to surveillance by the ECDC.
- The data include only oral and injectable drugs. Topical drugs, for example, are not included.
- The conventional DDD of amphotericin B is 0.035 g and that of liposomal amphotericin B is 0.15 g. (We determined the DDD for liposomal amphotericin B based on the dosage and other factors listed in the package insert.)
- In the figure showing change in antifungal use for all of Japan by route of administration, terbinafines are shown separately because they account for more than half of oral antifungal use.
- The data were surveyed in accordance with the study below.

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Research on the implementation of the AMR Action Plan (Chief Norio Ohmagari)

Change in antifungal use for all of Japan by route of administration



Change in antifungal use (oral medicine) for all of Japan



Change in antifungal use (injection) for all of Japan

