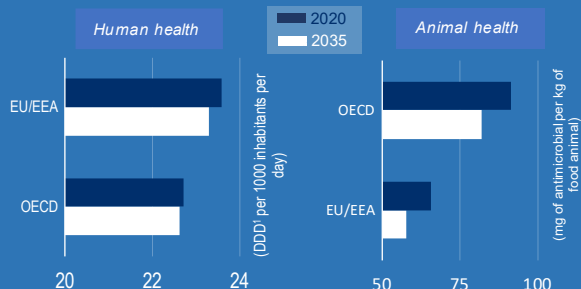


## Infographic 1. Key facts and figures

### Antibiotic consumption is set to broadly remain at current levels

Unless we take action, antibiotic consumption in OECD and EU/EEA will stay mostly flat in humans and decline slightly in animals by 2035.

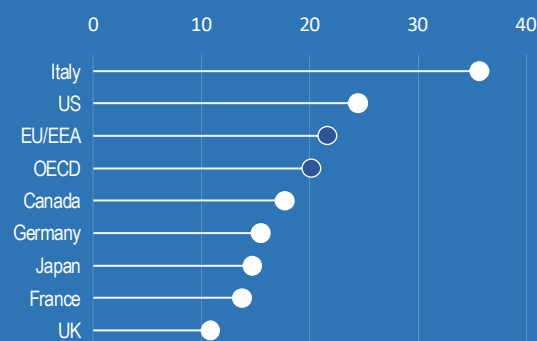
Estimated antibiotic consumption by sector, 2020-35



### The AMR pandemic is here

One in five infections in OECD are resistant to antibiotic treatment. This will not improve without policy action.

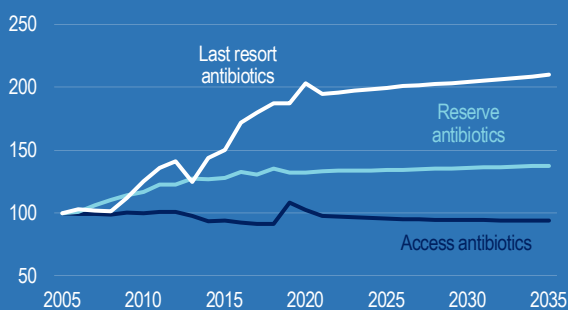
Share of resistant infections as % of total infections in 2019



### We are exhausting our antibiotic arsenal

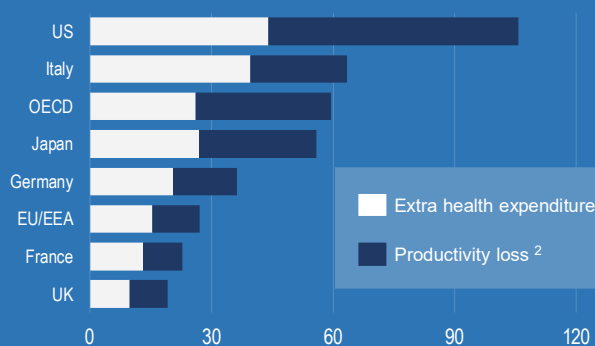
Resistance to last resort drugs in OECD countries could more than double by 2035 compared to 2005.

AMR index (Average AMR in 2005 = 100)



### We pay a high price for inaction

Health and labour cost of resistant infections per year up to 2050, Per capita (USD PPP)



### Time for One Health<sup>3</sup> action

Priority policies include:

- Strengthen infection prevention and control as well as support optimal use of antimicrobials
- Ensure greater compliance with regulations, especially to promote optimal use of antimicrobials in animals
- Strengthen AMR and antimicrobial use surveillance systems
- Scale up R&D in new antibiotics, vaccines and diagnostics

### One Health policies save lives and money

A multi-sectoral mixed policy package<sup>4</sup> can lead to ...



1.6 million infections avoided



USD PPP 9.4 billion saved in health expenditure



17 000 deaths averted



USD PPP 13.8 billion gained in workforce productivity

\* Every year up to 2050 in 34 OECD and EU/EEA countries

Notes: (1) Defined daily doses. (2) Productivity loss refers to reduction in participation in the labour market and reduced productivity. (3) One Health refers to multidisciplinary and multisectoral actions targeting people, animals, agri-food systems and the environment. (4) The package includes programmes for hand hygiene, antimicrobial stewardship, delayed antimicrobial prescription, mass media campaigns and food handling practices.



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