



STEMMING THE SUPERBUG TIDE JUST A FEW DOLLARS MORE

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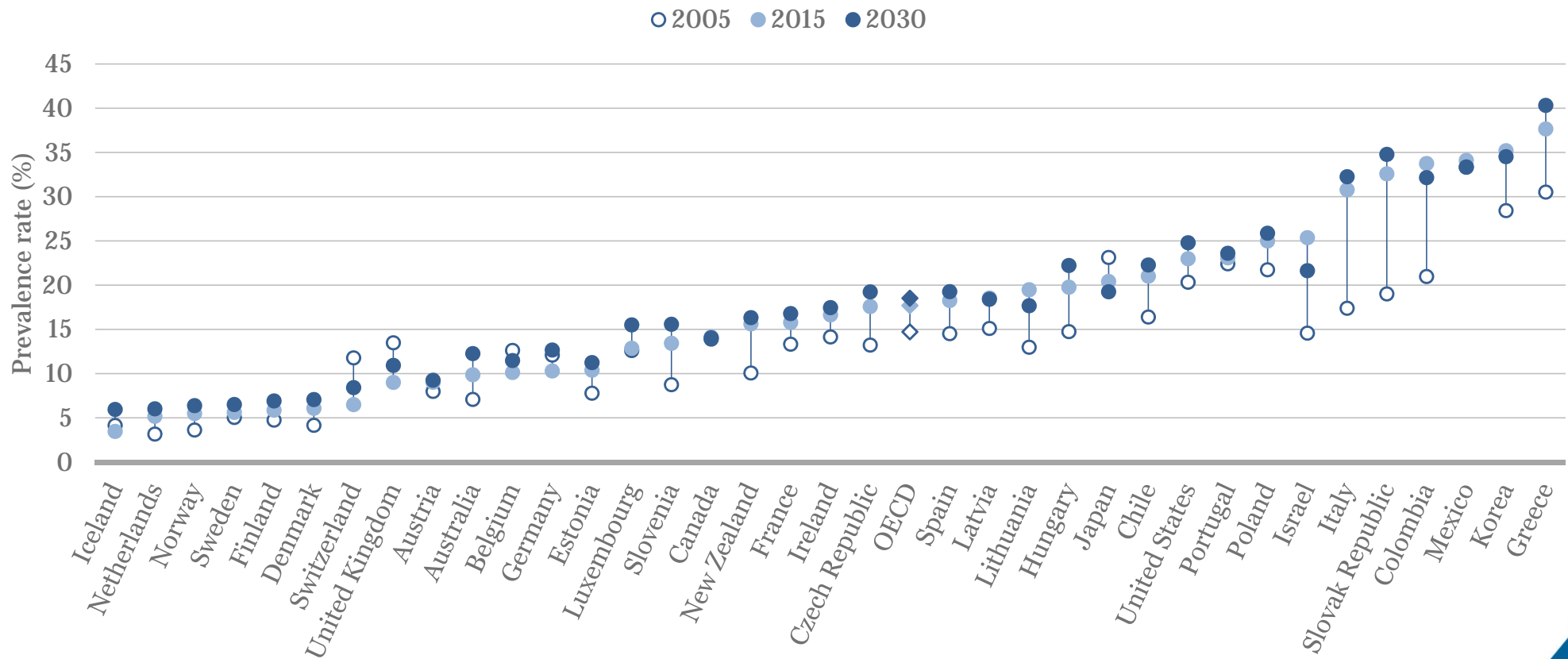
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AMR Will Keep Increasing If No Effective Actions Are Put in Place

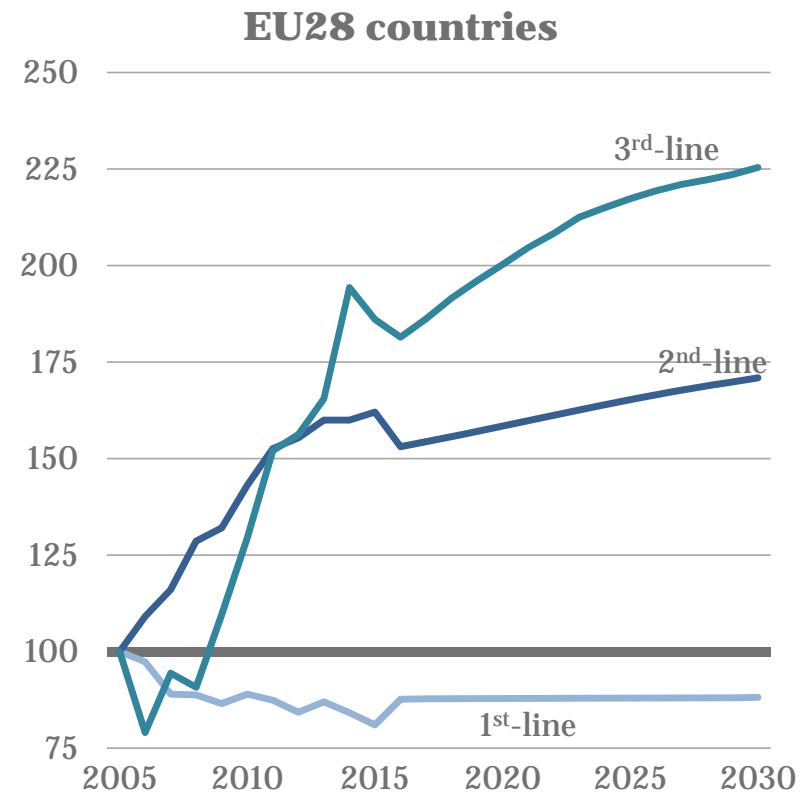
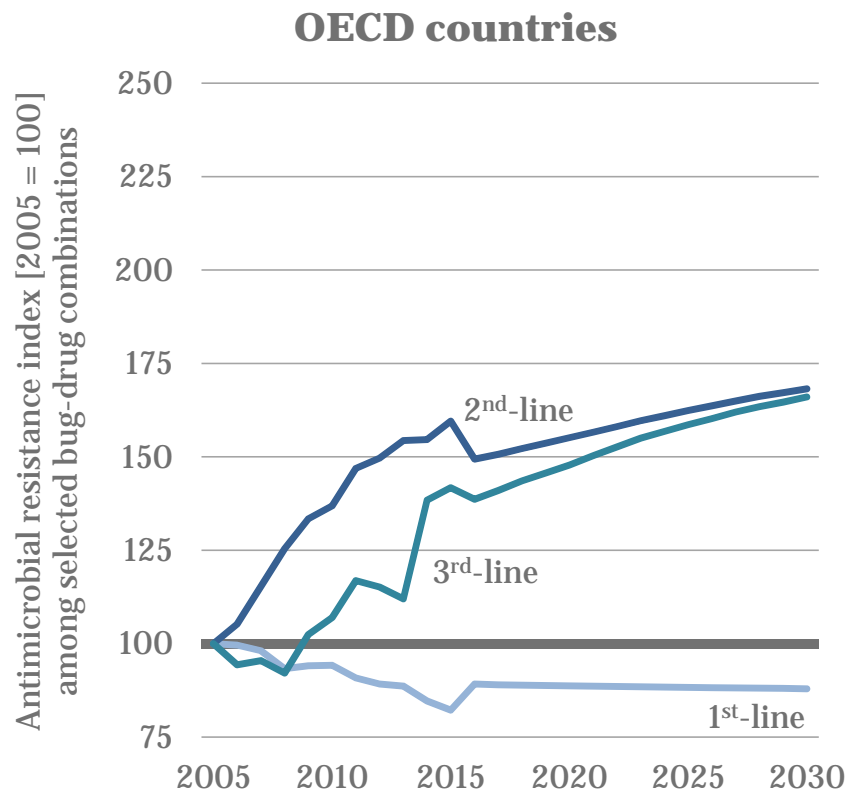
Resistance proportions for eight antibiotic-bacterium combinations in the OECD



Source: OECD. Stemming the Superbug Tide: just a few dollars more. 2018. [oe.cd/amr-2018](https://www.oecd.org/amr-2018)

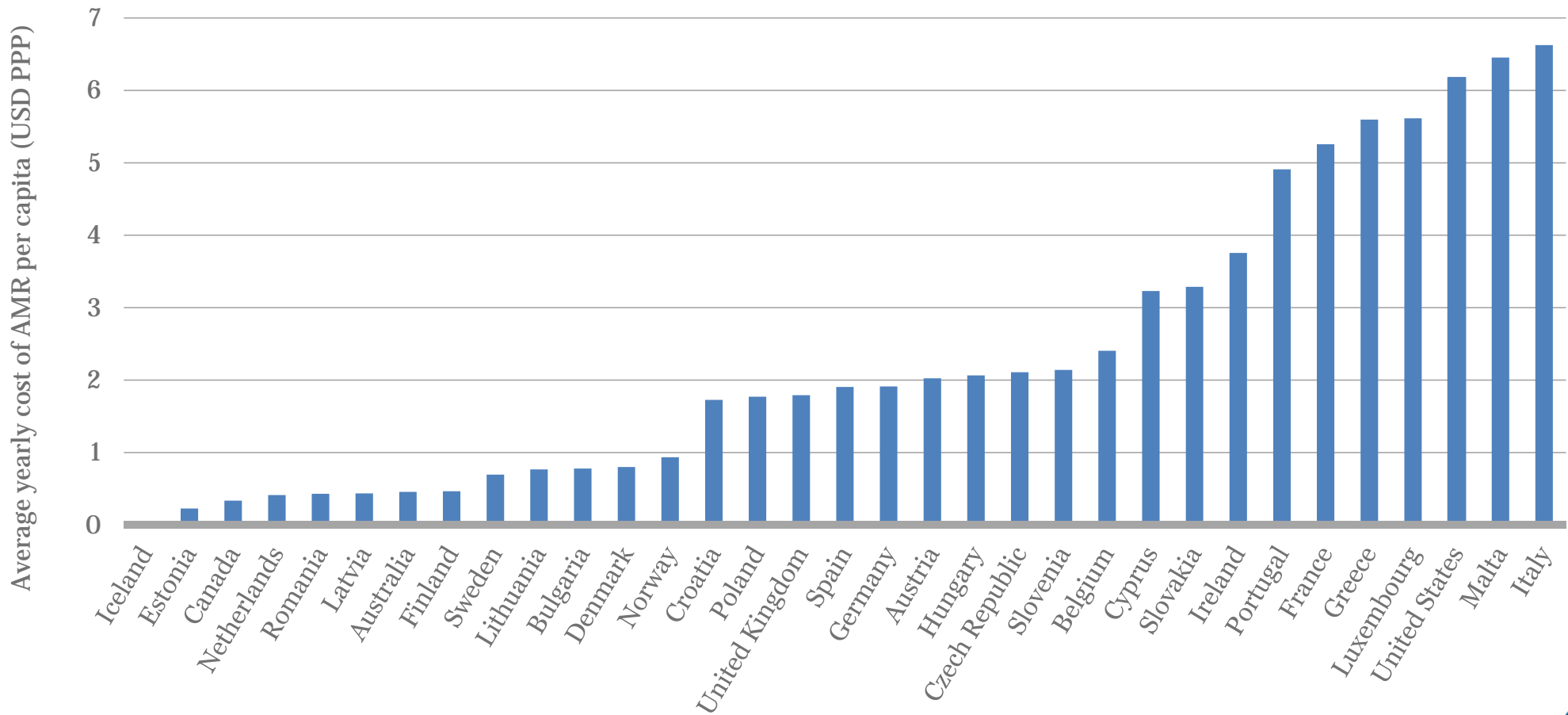


Resistance to 2nd and 3rd line Treatments Will Grow the Most





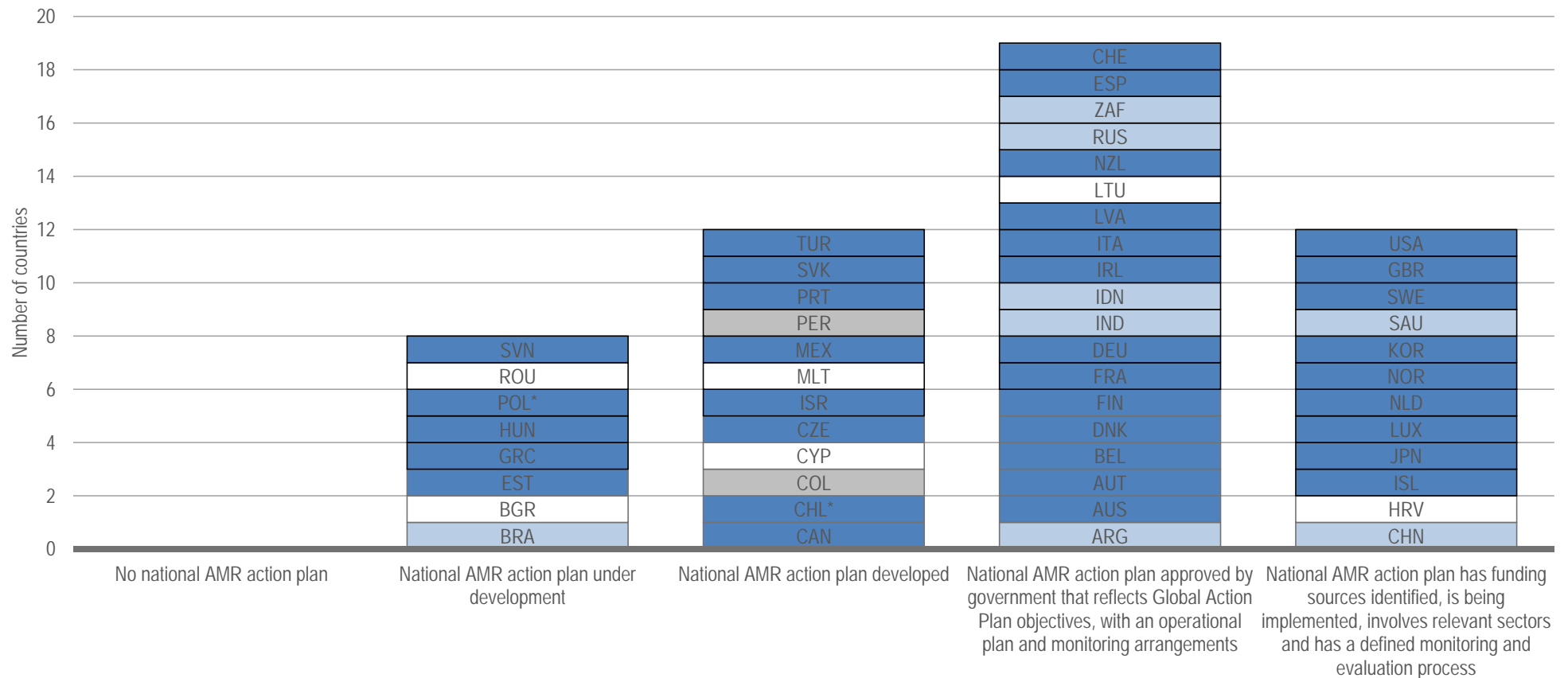
AMR Costs 3.5B USD PPPs per Year to the Healthcare Systems of 33 OECD and EU Countries



Source: OECD. Stemming the Superbug Tide: just a few dollars more. 2018. [oe.cd/amr-2018](https://www.oecd.org/amr-2018)



Only 9 OECD Countries Have Developed and Fund a 'One-health' AMR Action Plan





Policy Approaches to Tackle Irrational Use of Antimicrobials

Healthcare settings



Improved hand hygiene

to promote and facilitate hand-washing in healthcare professionals



Community setting

Delayed prescriptions

to decrease consumption of antibiotics for viral infections

'Mixed-package'



Enhanced hygiene

to minimize cross-patient transmission of infections through medical devices



Mass media campaigns

to make people aware of the risks associated with imprudent use of antibiotics



Stewardship programmes

to promote prudent use of antibiotics and end decades of over-prescription

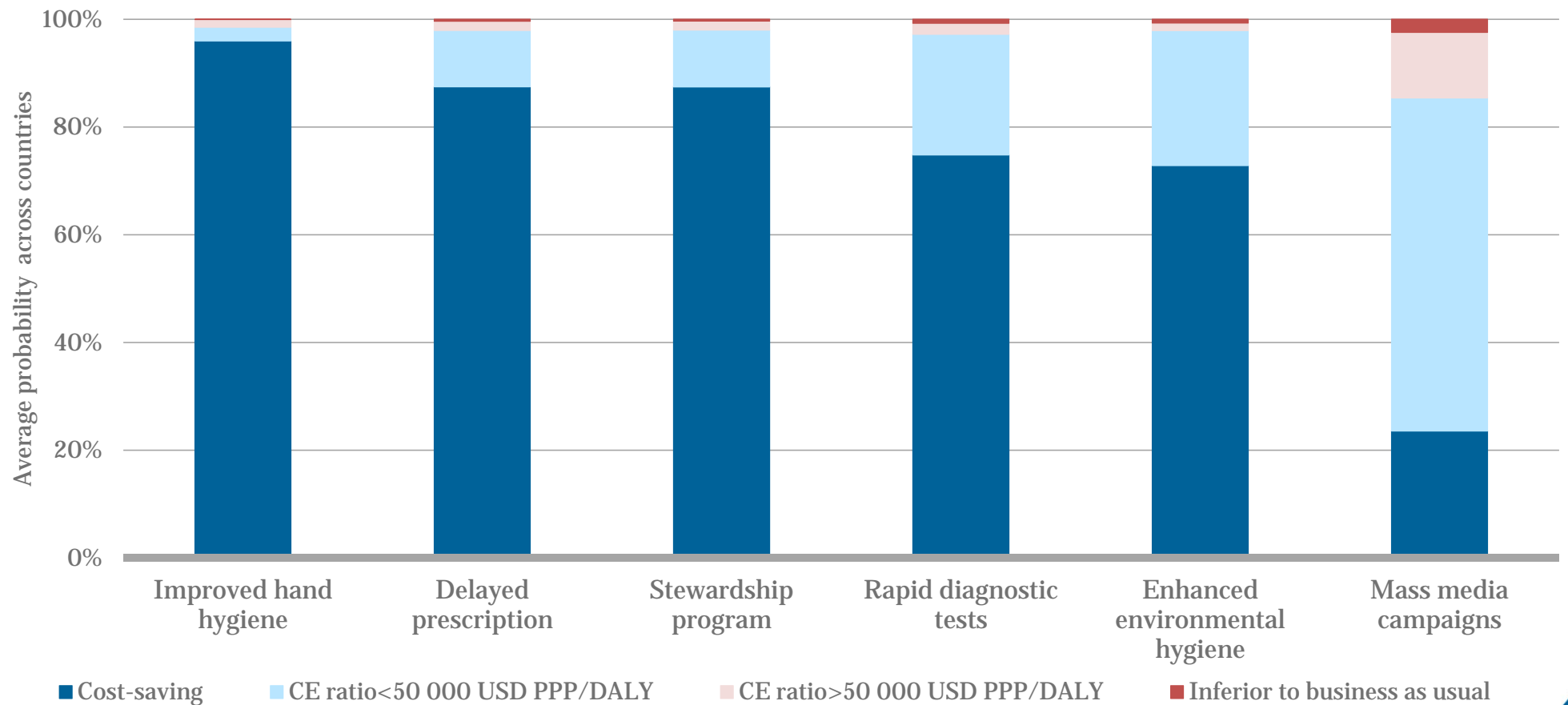


Rapid diagnostic tests

to detect whether an infection requires antibiotics or not, in primary care settings



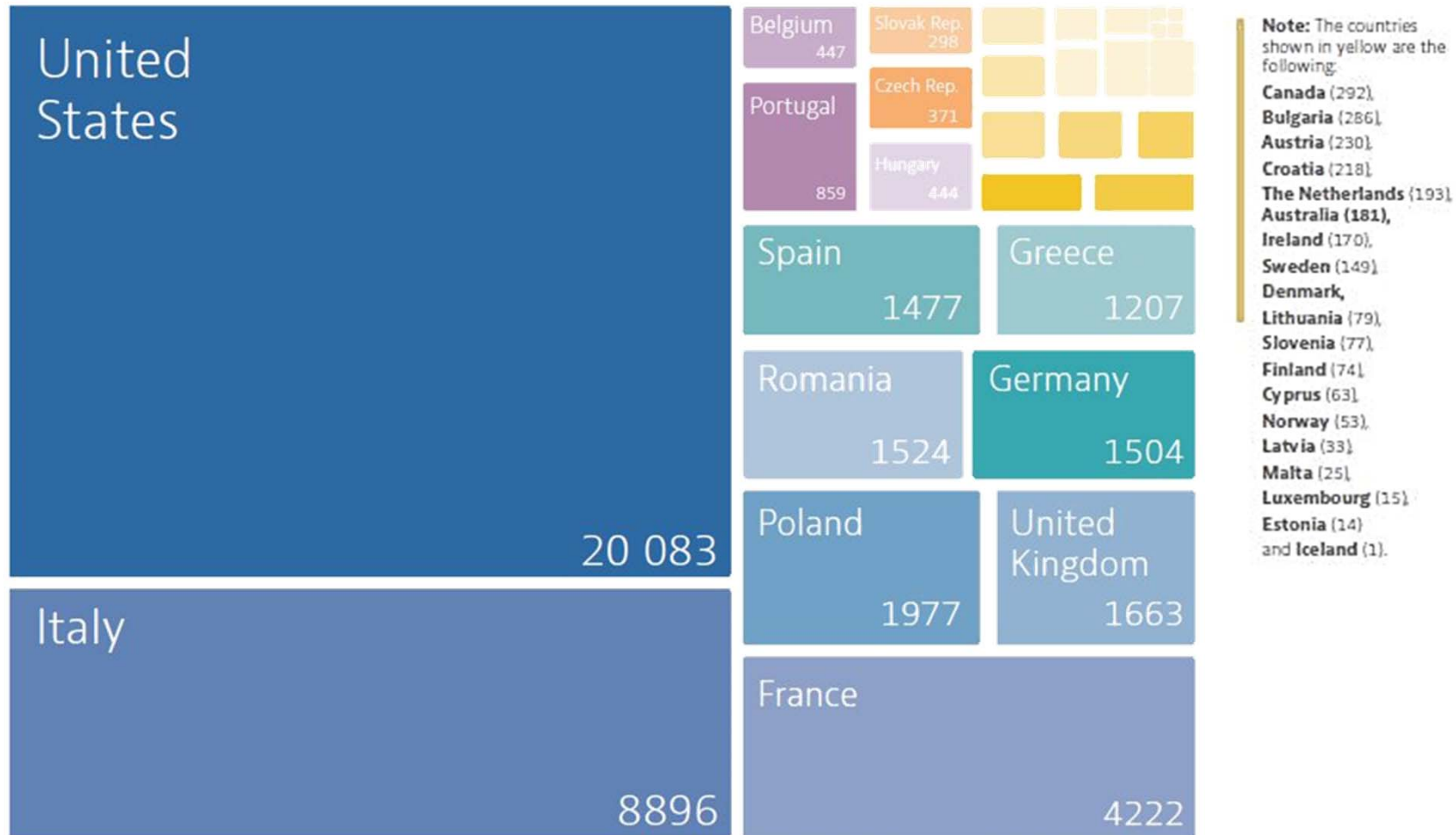
All the Assessed Interventions Can Be Considered 'Best Buys' to Tackle AMR in OECD and EU



Source: OECD. Stemming the Superbug Tide: just a few dollars more. 2018. [oe.cd/amr-2018](https://www.oecd.org/amr-2018)



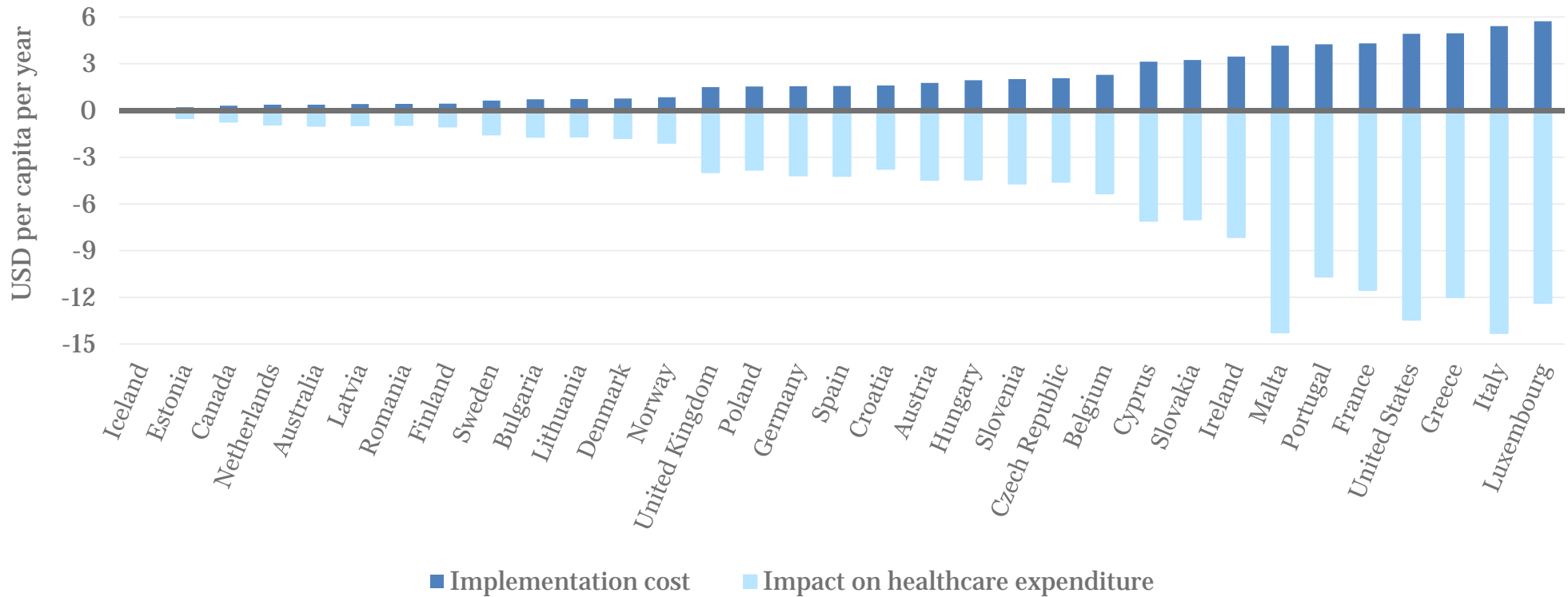
The Mixed-Package Would Save up to 47,000 Lives per Year in OECD and EU...





... And Save 4.8B* USD/year to the Budget of Healthcare Systems

Economic assessment of the 'mixed-intervention' package:
just a few dollars more produce substantial savings in healthcare expenditure



■ Implementation cost ■ Impact on healthcare expenditure

Note: * Including effect on susceptible infections

Source: OECD. Stemming the Superbug Tide: just a few dollars more. 2018. [oe.cd/amr-2018](https://www.oecd.org/amr-2018)



Stemming the Superbug Tide Just a Few Dollars More



- AMR will keep increasing, globally
- The projected rise in resistance to 2nd and 3rd line antibiotics is particularly worrisome
- Interventions to increase hygiene show the most positive effects but do not address some of the key determinants of AMR
- Public health interventions to tackle AMR are a cost-effective (and very often cost-saving) investment in OECD and EU countries
- Combining interventions in a comprehensive public health package provides best results

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More info at: oe.cd/amr-2018