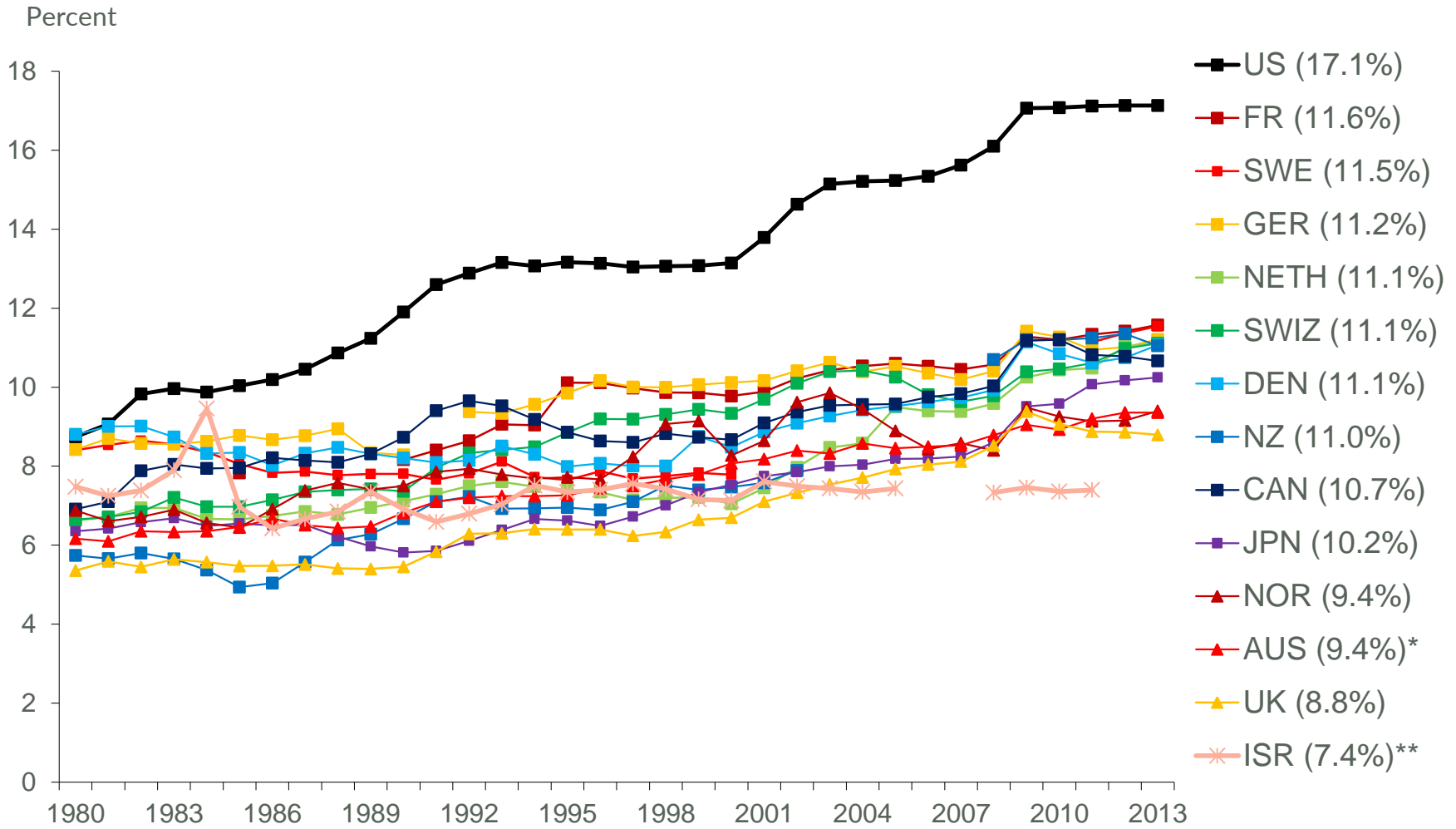


# Multinational Comparisons of Health Systems Data, 2015

Dana Sarnak

The Commonwealth Fund

# Health Care Spending as a Percentage of GDP, 1980–2013



\* 2012, \*\* 2011

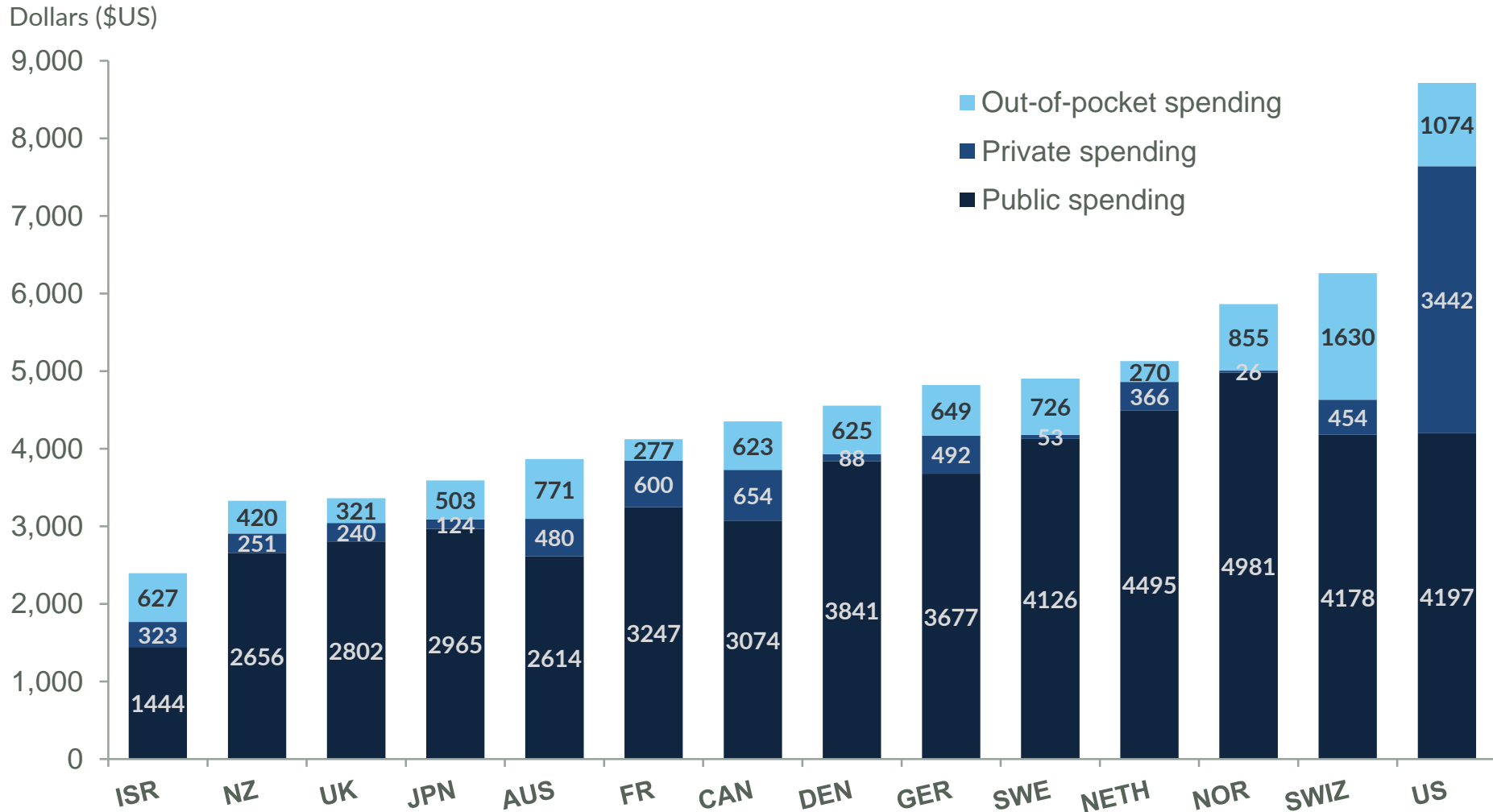
GDP refers to gross domestic product.

Source: OECD Health Data 2015.

Note: Dutch and Swiss data is for current spending only, and excludes spending on capital formation of health care providers.

# Health Care Spending per Capita by Source of Funding, 2013

## *Adjusted for Differences in Cost of Living*



Data from 2012 in Australia and Japan.

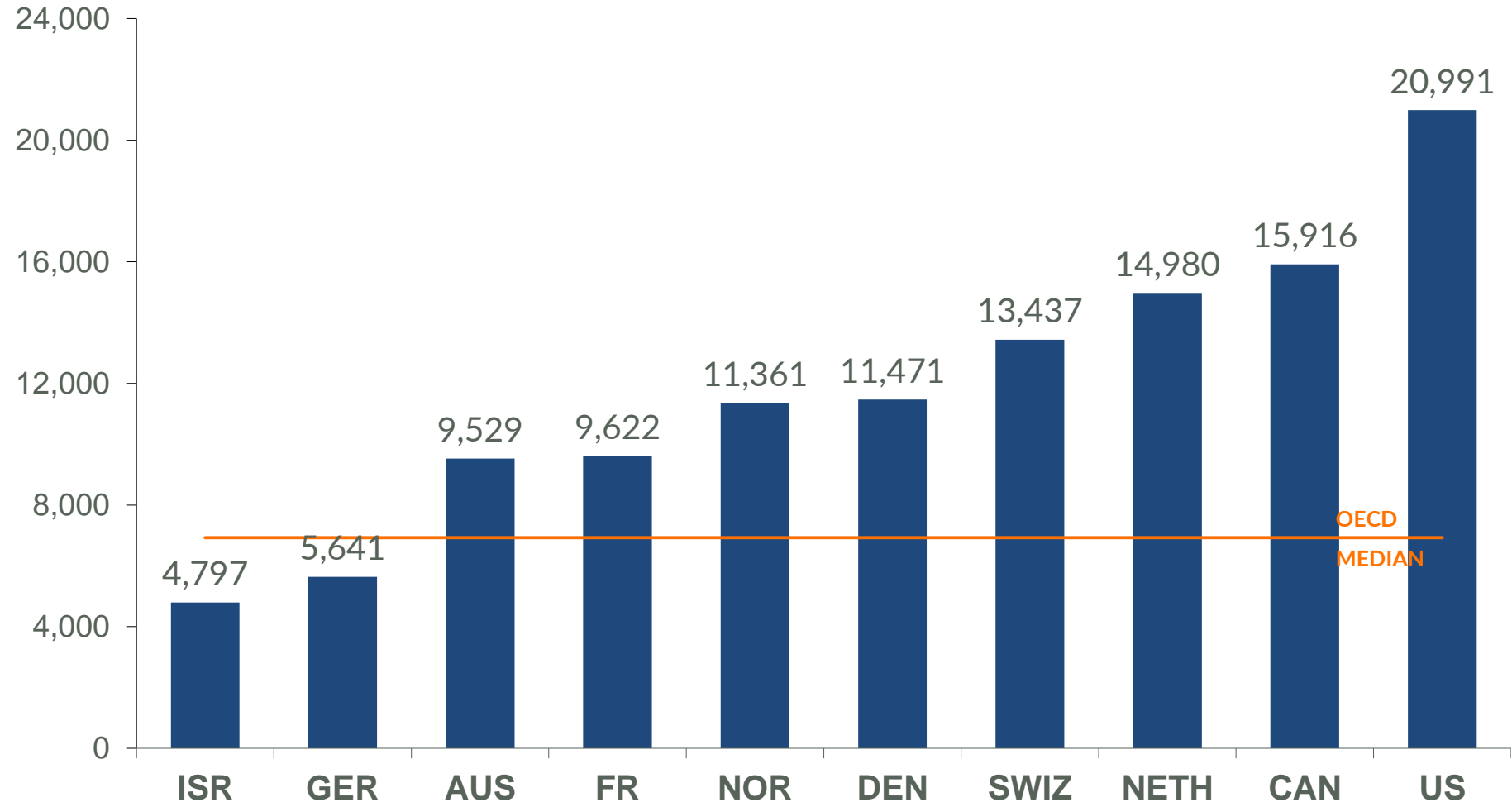
Numbers may not sum to total health care spending per capita due to excluding capital formation of health care providers and some uncategorized health care spending

Source: OECD Health Data 2015.

# Spending per Hospital Discharge, 2013

*Adjusted for Differences in Cost of Living*

Dollars (\$US)



Data from 2012 in Australia, Switzerland, Netherlands and Canada, Data from 2011 in Israel, Japan. Data from 2010 in Norway, Denmark and the US.

Source: OECD Health Data 2015.

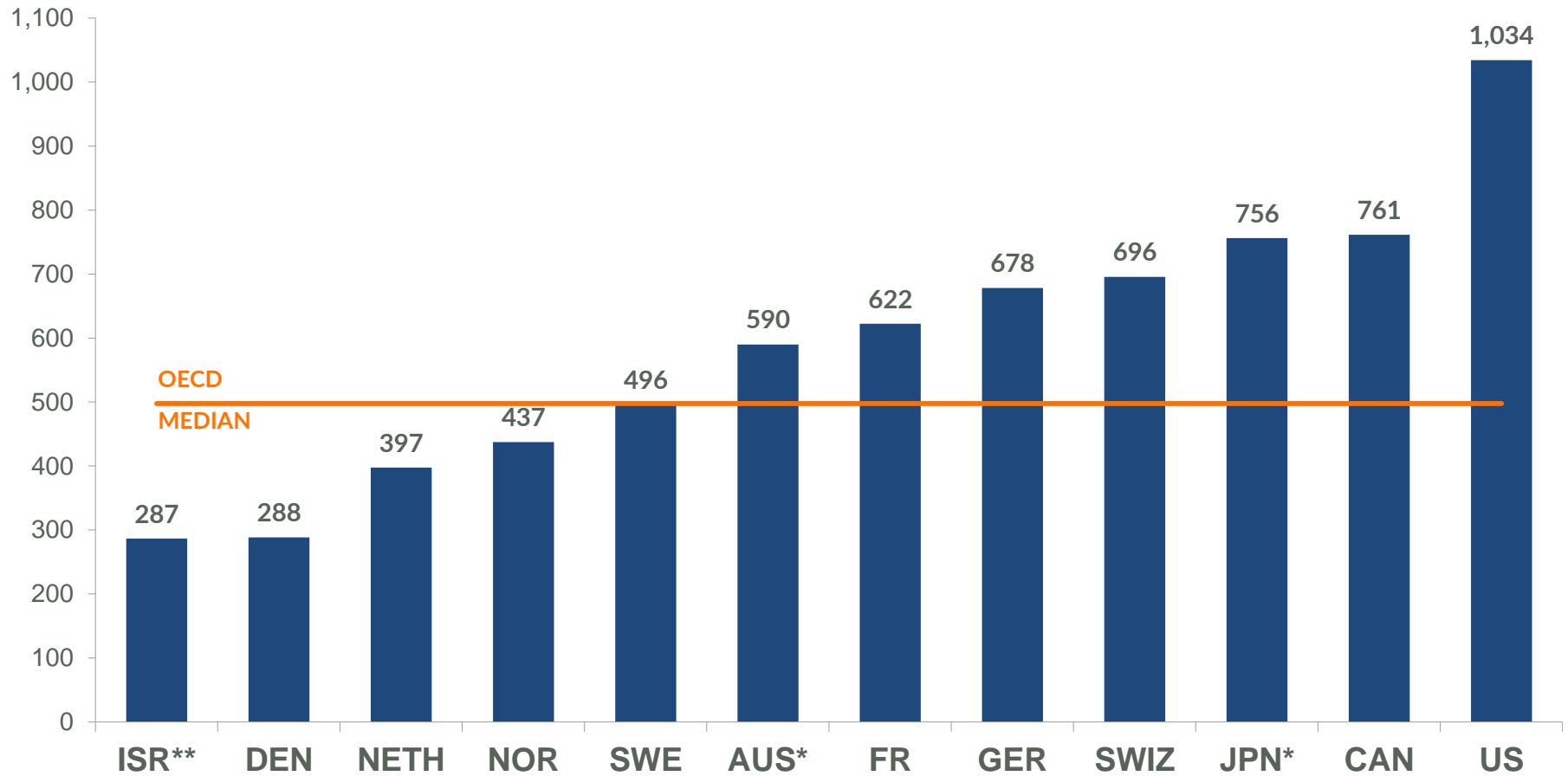


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# Pharmaceutical Spending per Capita, 2013

*Adjusted for Differences in Cost of Living*

Dollars (\$US)



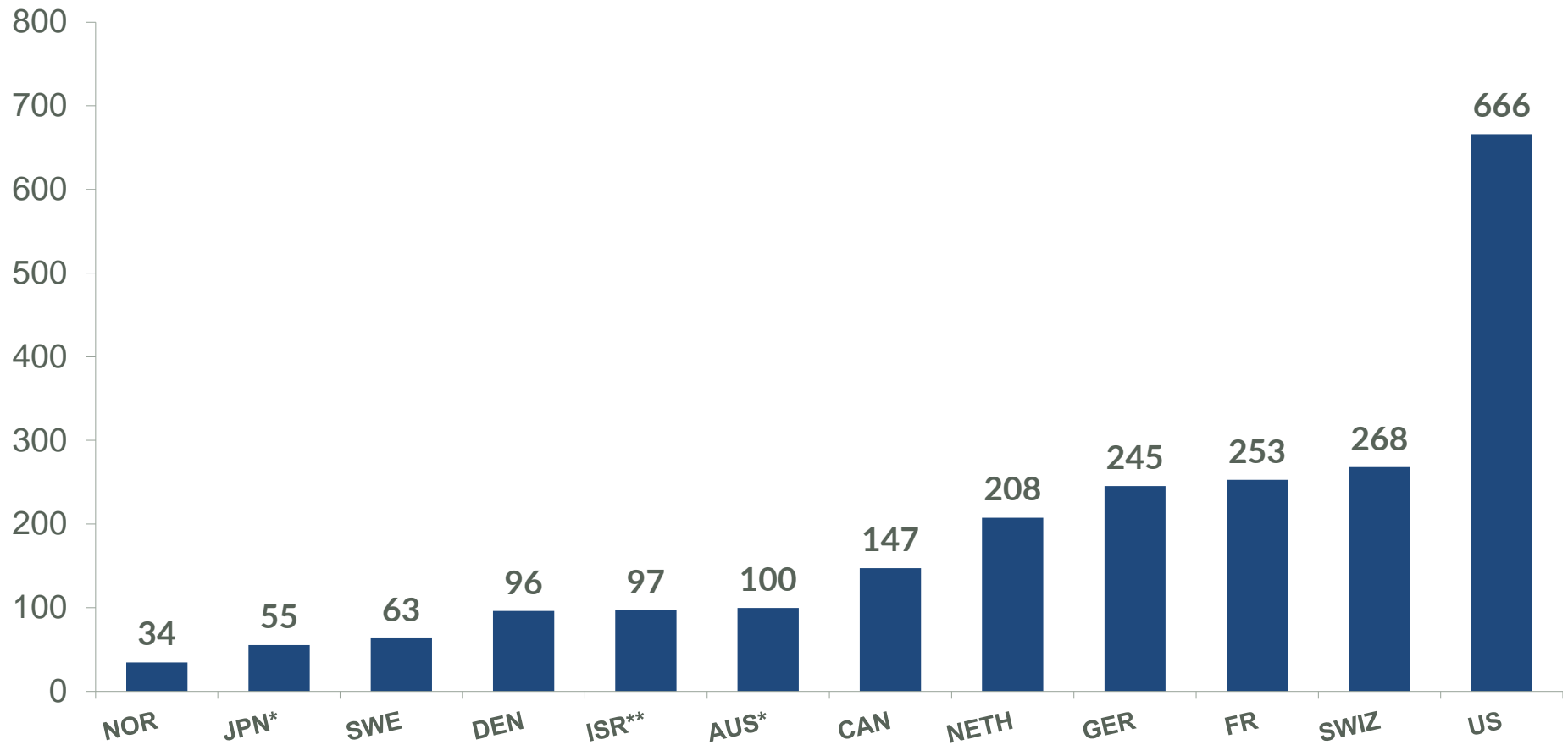
\* 2012, \*\* 2011.

Source: OECD Health Data 2015.

# Spending on Health Insurance Administration per Capita, 2013

*Adjusted for Differences in Cost of Living*

Dollars (\$US)



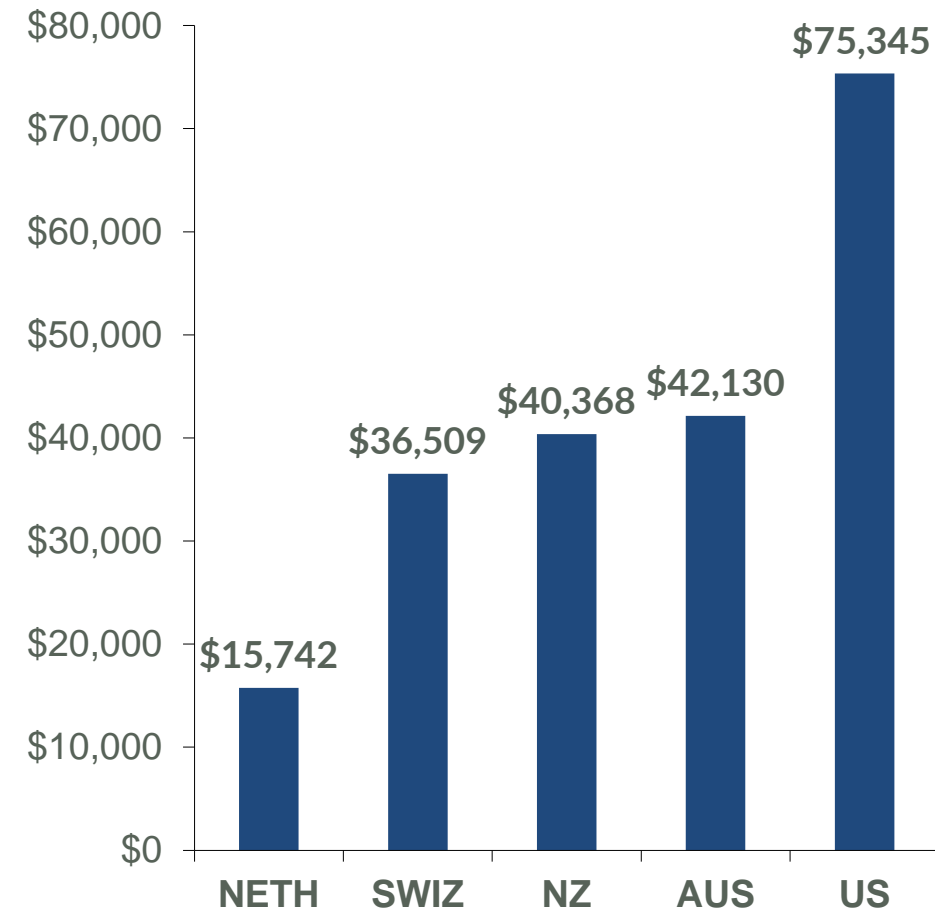
\* 2012, \*\* 2011.

Source: OECD Health Data 2015.

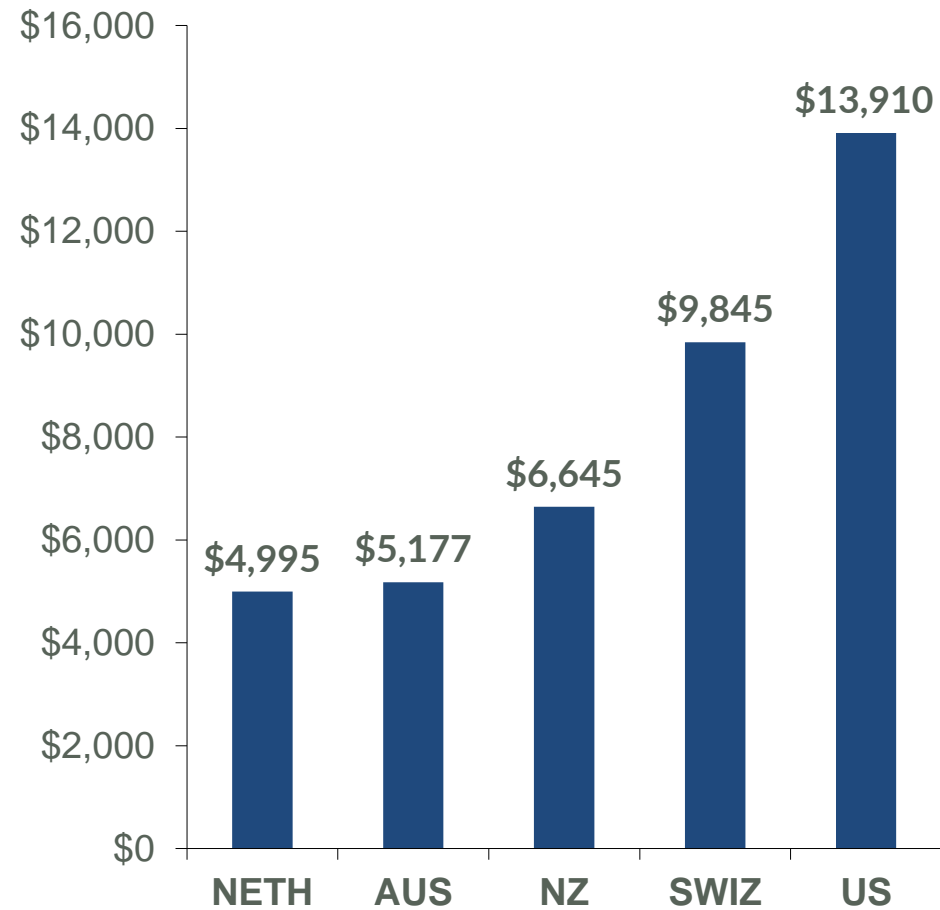
# Total Hospital and Physician Costs, 2013

Dollars (\$US)

## Bypass Surgery



## Appendectomy



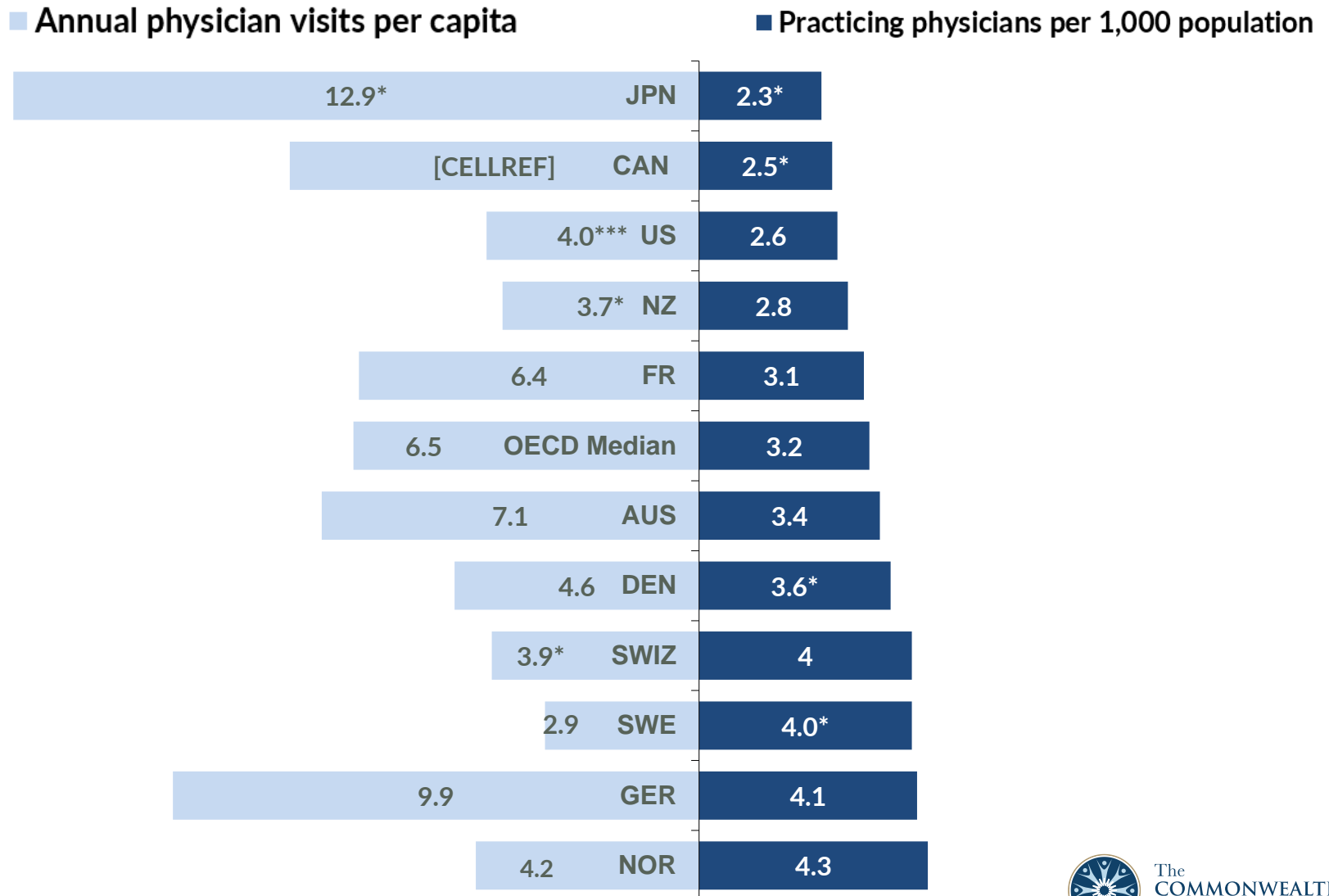
Notes: US refers to the commercial average.

Source: International Federation of Health Plans, 2013 Comparative Price Report.



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# Physician Supply and Use, 2013



\* 2012.

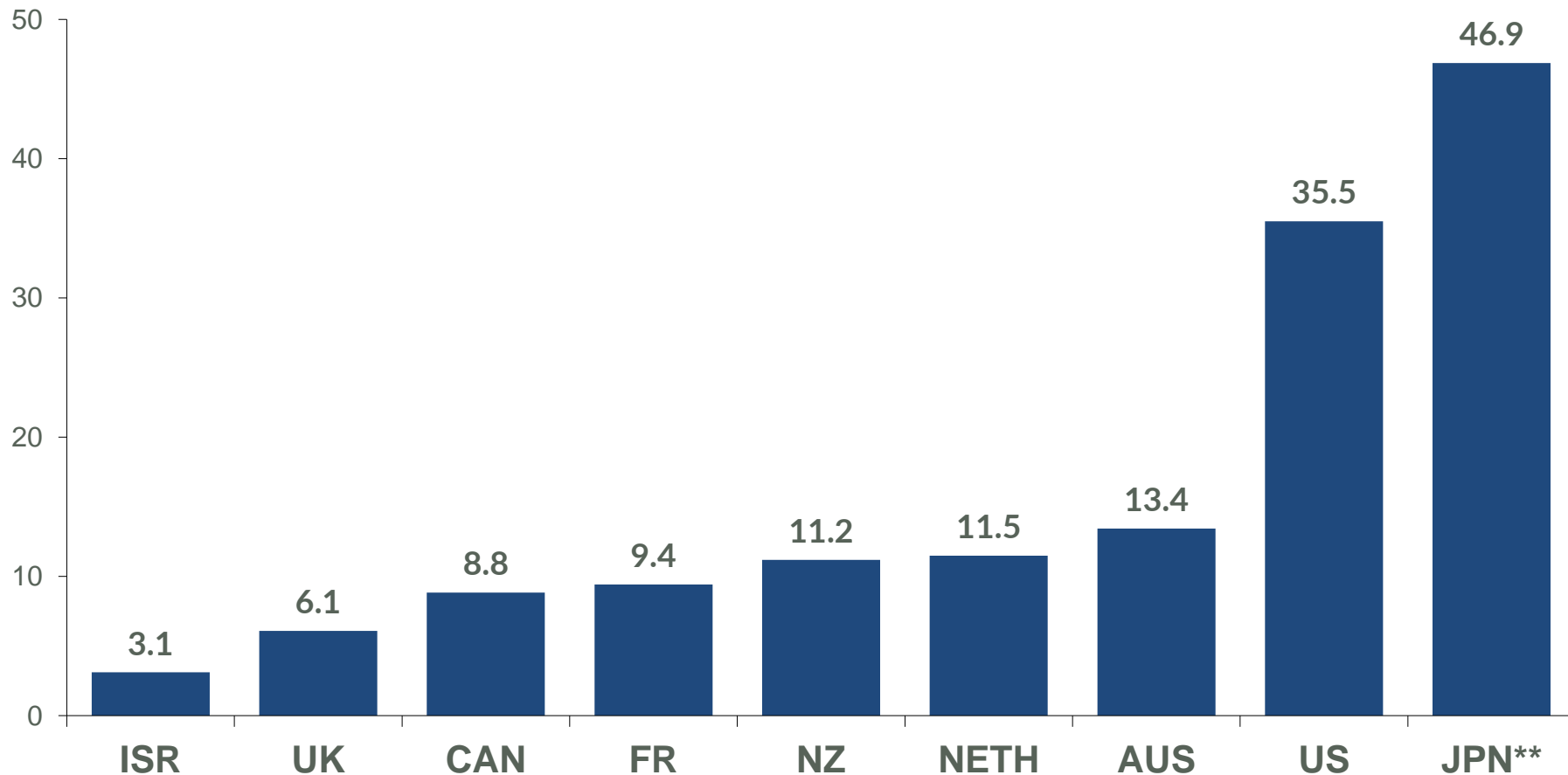
\*\*\* 2010.

Source: OECD Health Data 2015.



# Magnetic Resonance Imaging (MRI) Machines per Million Population, 2013

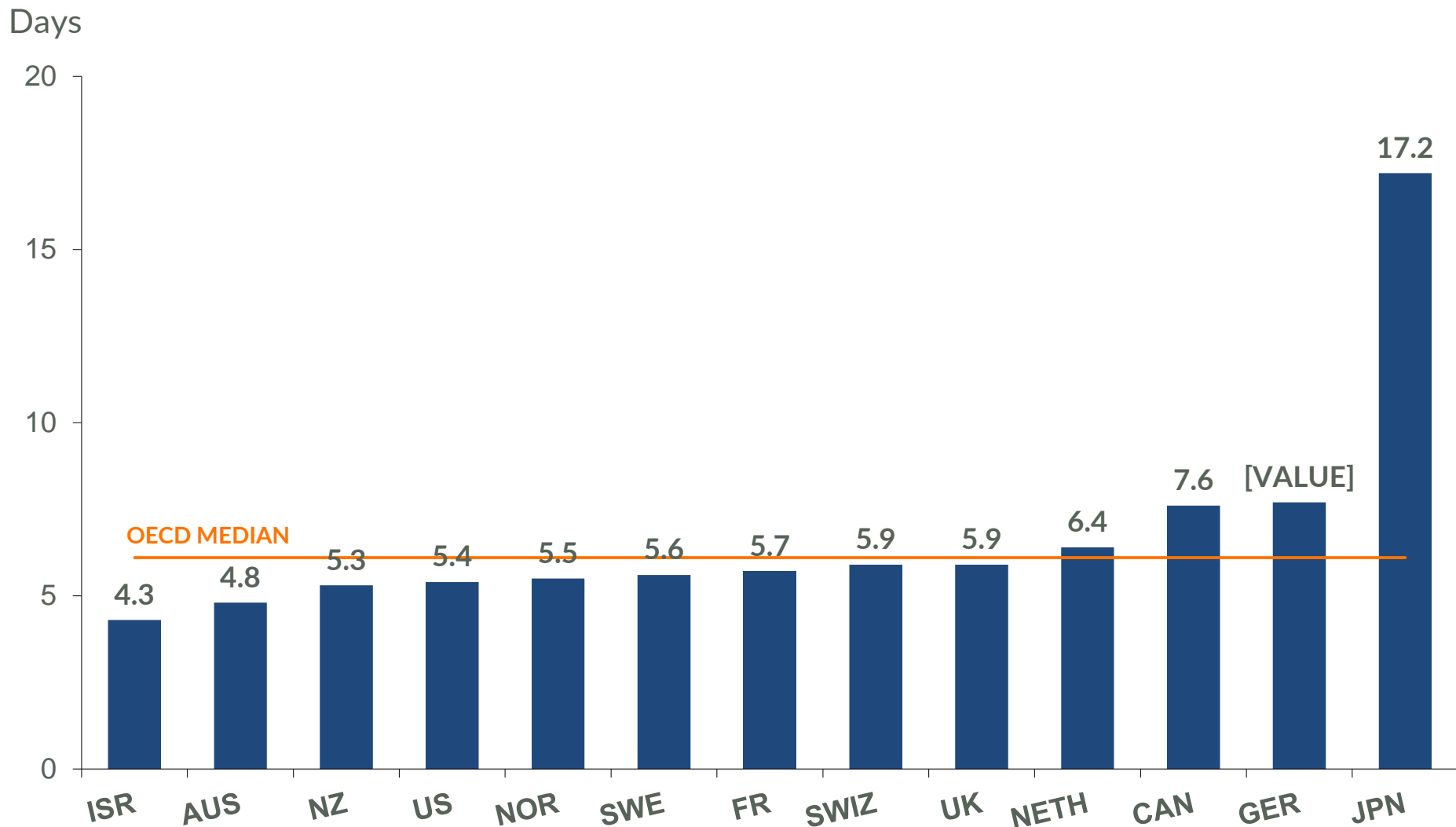
Number of machines



\*\* 2011.

Source: OECD Health Data 2015.

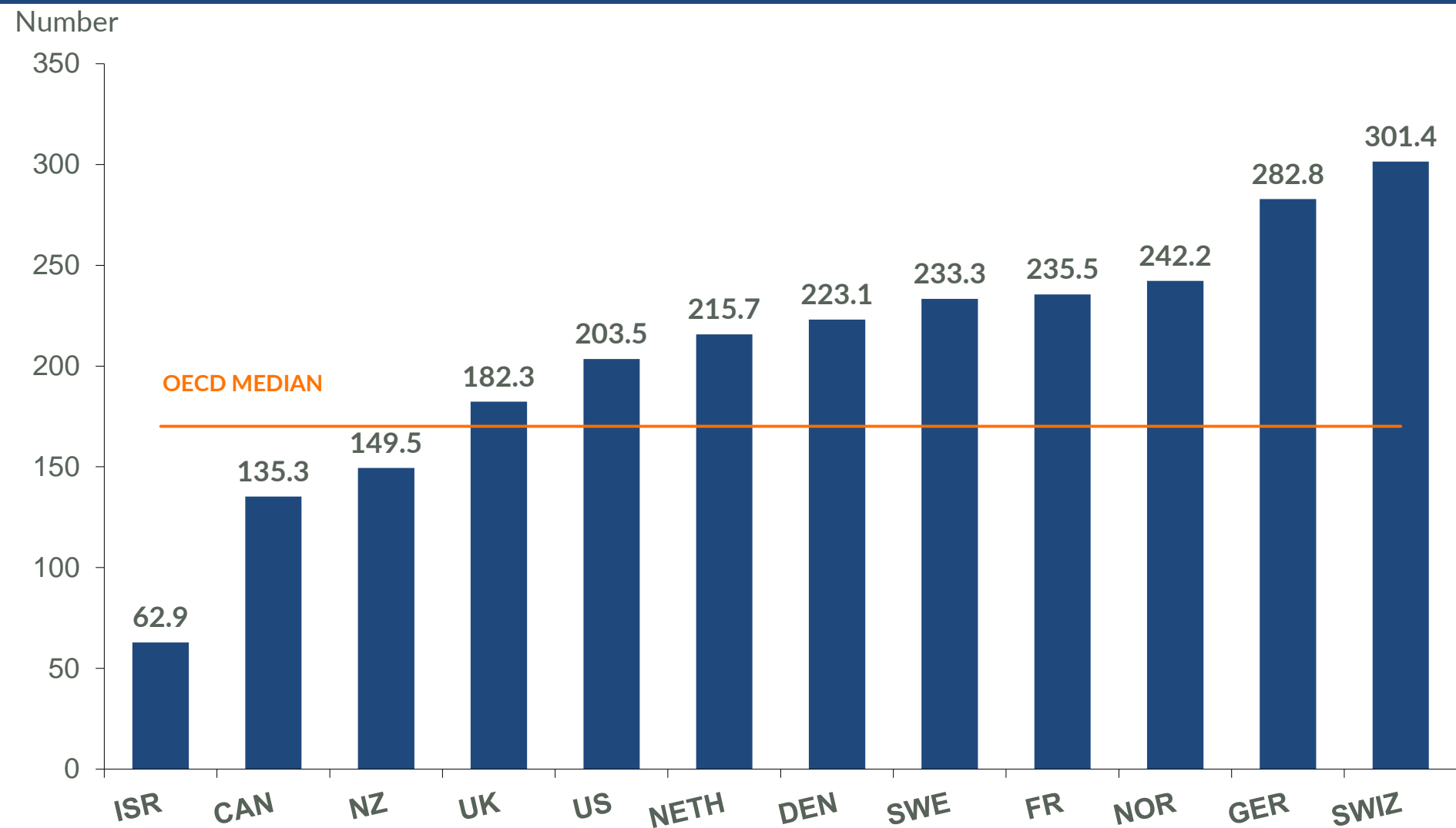
# Average Length of Stay for Hospital Acute Care, 2013



Data from 2012 in Australia, Sweden, France, Netherlands and Canada. Data from 2011 in US.

Source: OECD Health Data 2015.

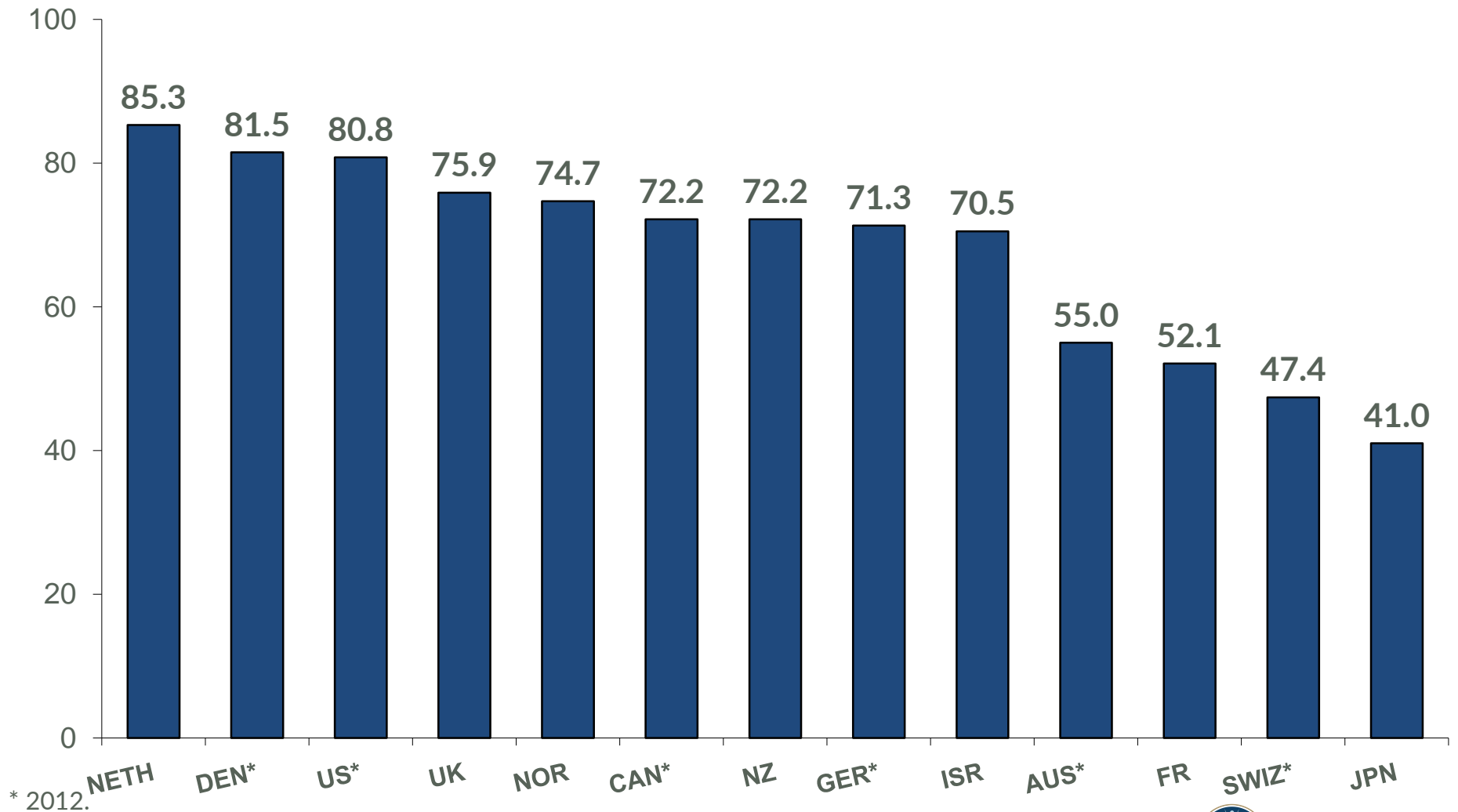
# Hip Replacements per 100,000 Population, 2013



Data from 2012 in Canada. Data from 2010 in US and Netherlands.  
Data from NZ from publicly-funded hospitals only.  
Source: OECD Health Data 2015.

# Breast Cancer Screening Rate, 2013

Percent of women 50-69 screened

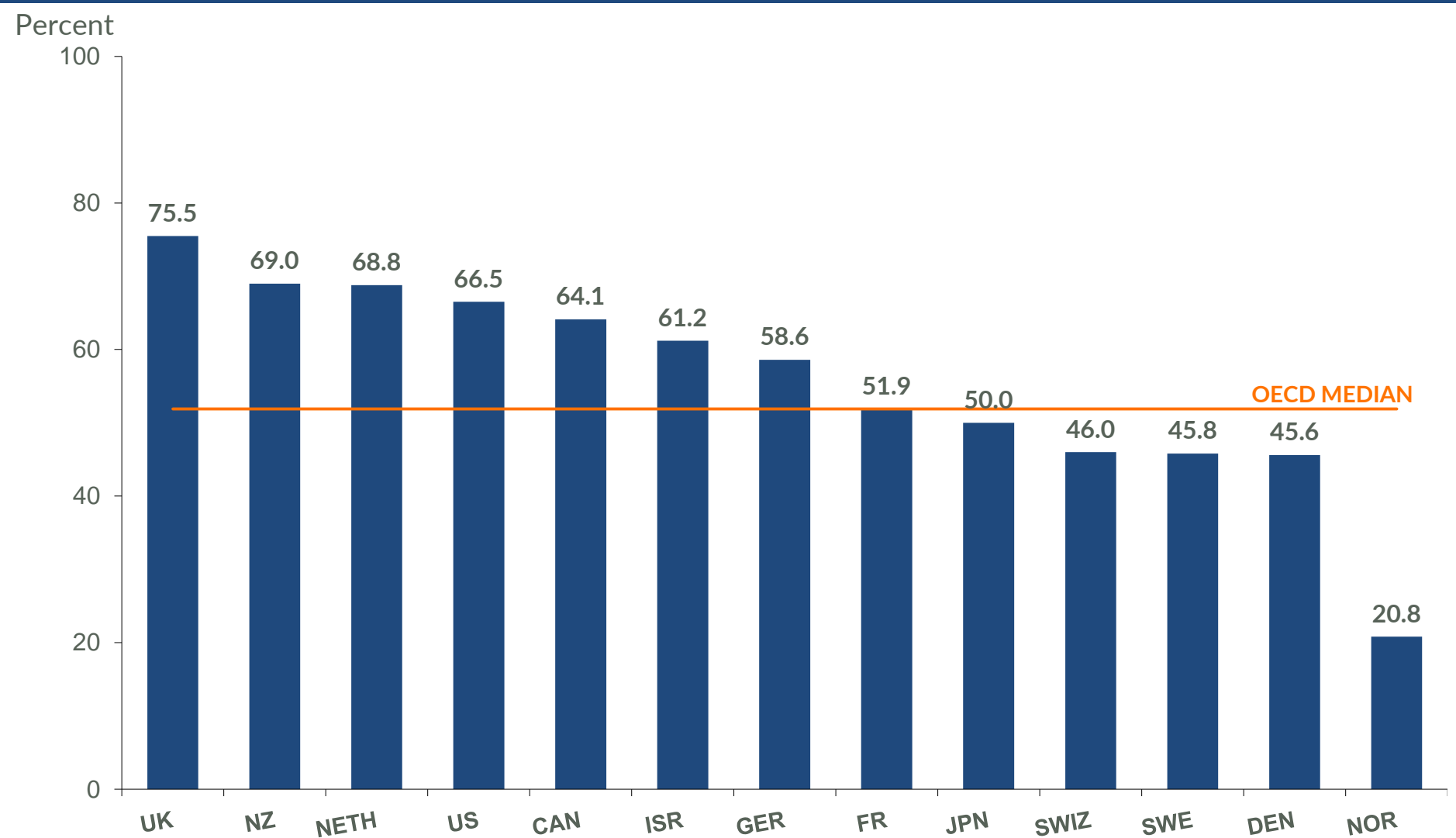


\* 2012.

Note: DEN, US, CAN, GER, AUS and SWIZ based on program data; all other countries based on survey data.  
Source: OECD Health Data 2015.



# Flu Immunization Among Adults Age 65 or Older, 2013

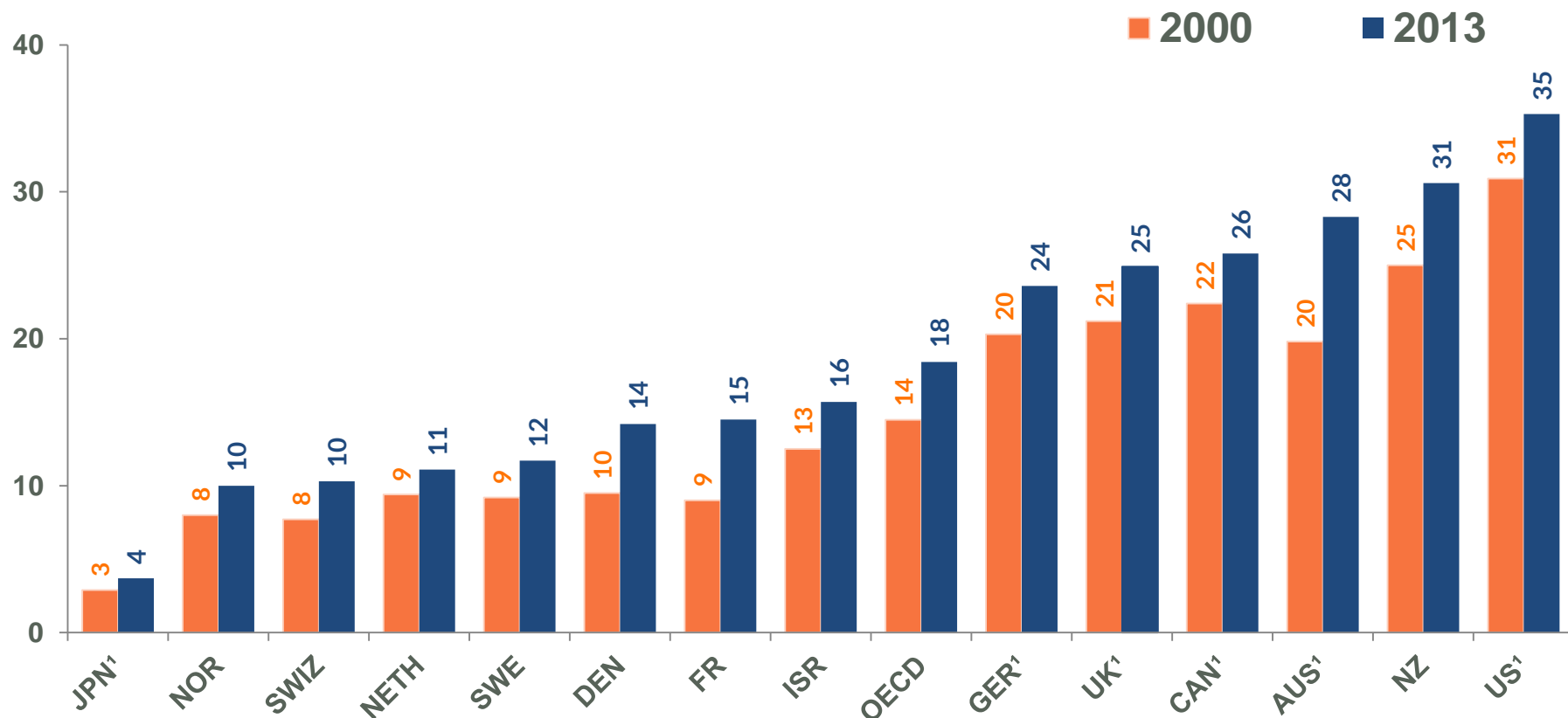


Data from 2012 in US, Germany. Data from 2010 in Switzerland.

Source: OECD Health Data 2015.

# Increasing Obesity (BMI>30) Prevalence Among Adult Population, 2000 & 2013

Percent of population 15 years and older



Data from 2002 and 2012 in Norway and Switzerland. Data from 1999 and 2012 in Germany. Data from 1995 and 2011 in Australia. Earlier data from 2002 in Israel, 2004 in Canada, and 2003 in NZ. Most recent data from 2012 in France and US.

<sup>1</sup> Data are based on measurements rather than self-reported height and weight.

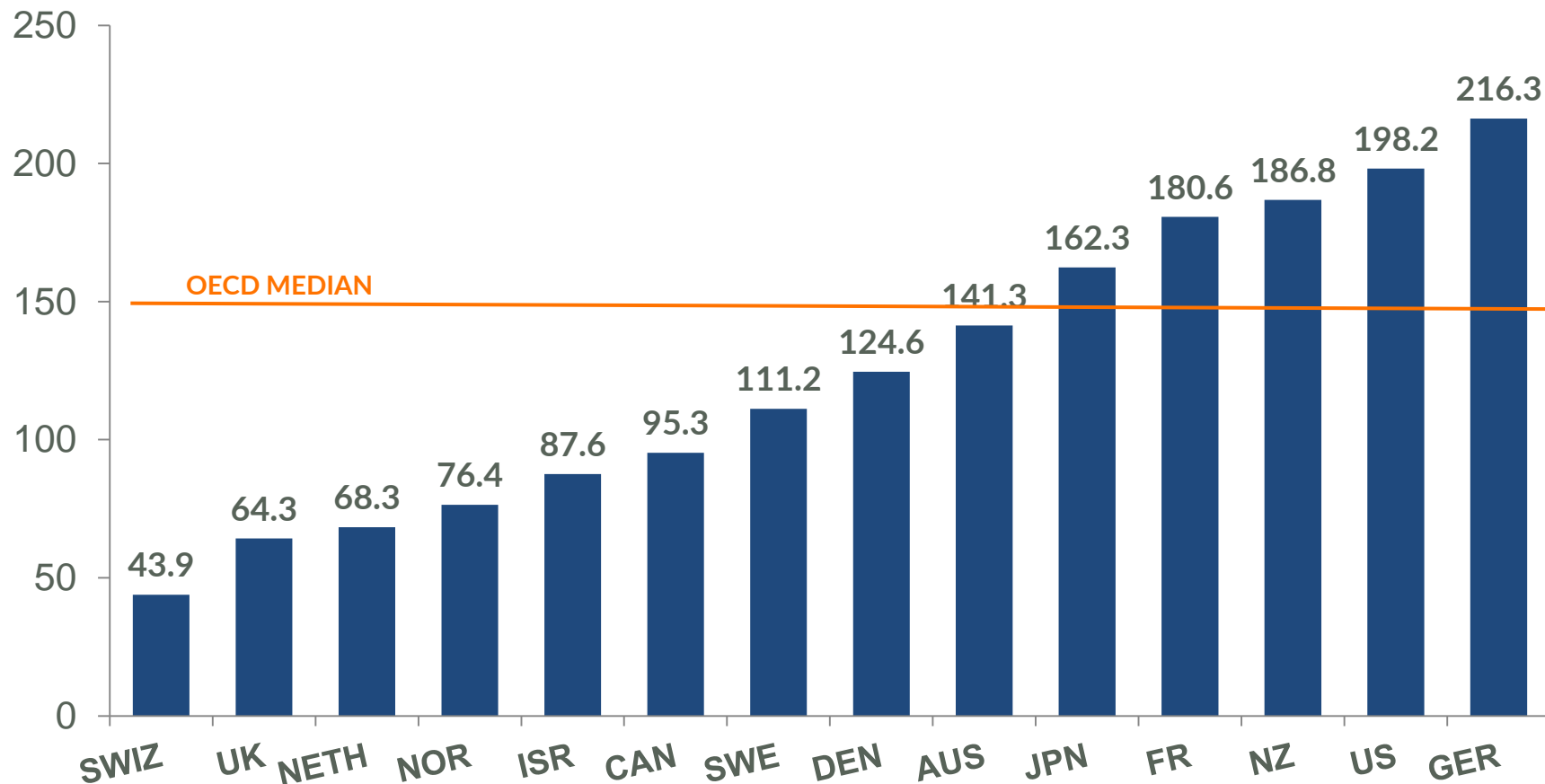
Source: OECD Health Data 2015.



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# Diabetes Hospital Admissions in Adults, 2013

Age-sex standardised rates per 100,000 population

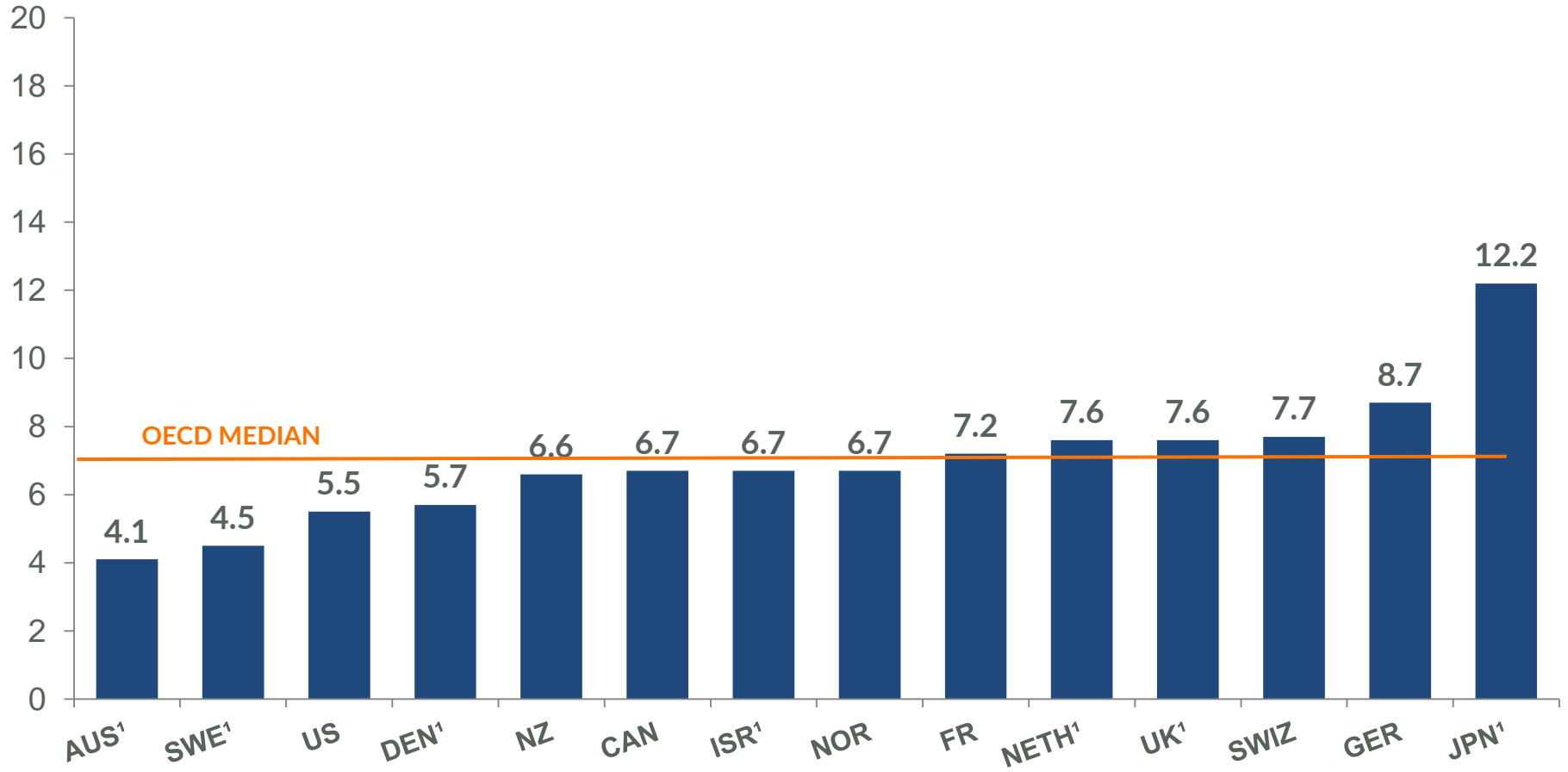


Data from 2012 in Switzerland, US and NZ. Data from 2011 in Netherlands, Japan.

Source: OECD Health Data 2015.

# Thirty-day Mortality After Admission to Hospital for Acute Myocardial Infarction, 2013

Age-sex standardised rate per 100 admissions of adults aged 45 years and over



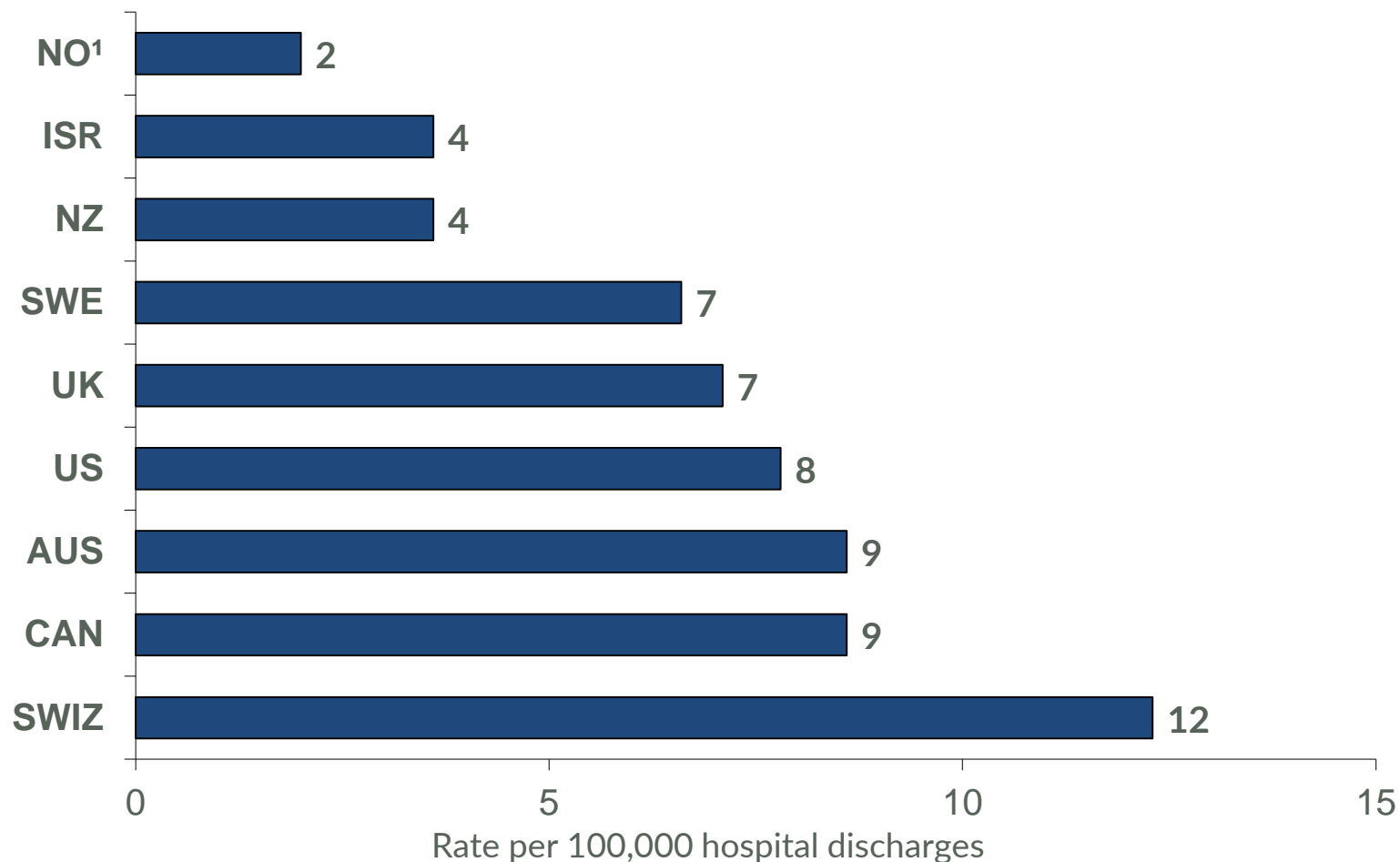
Data from 2012 in Switzerland and US. Data from 2011 in Netherlands and Japan.

<sup>1</sup> Admissions resulting in a transfer are included.

Source: OECD Health Data 2015.



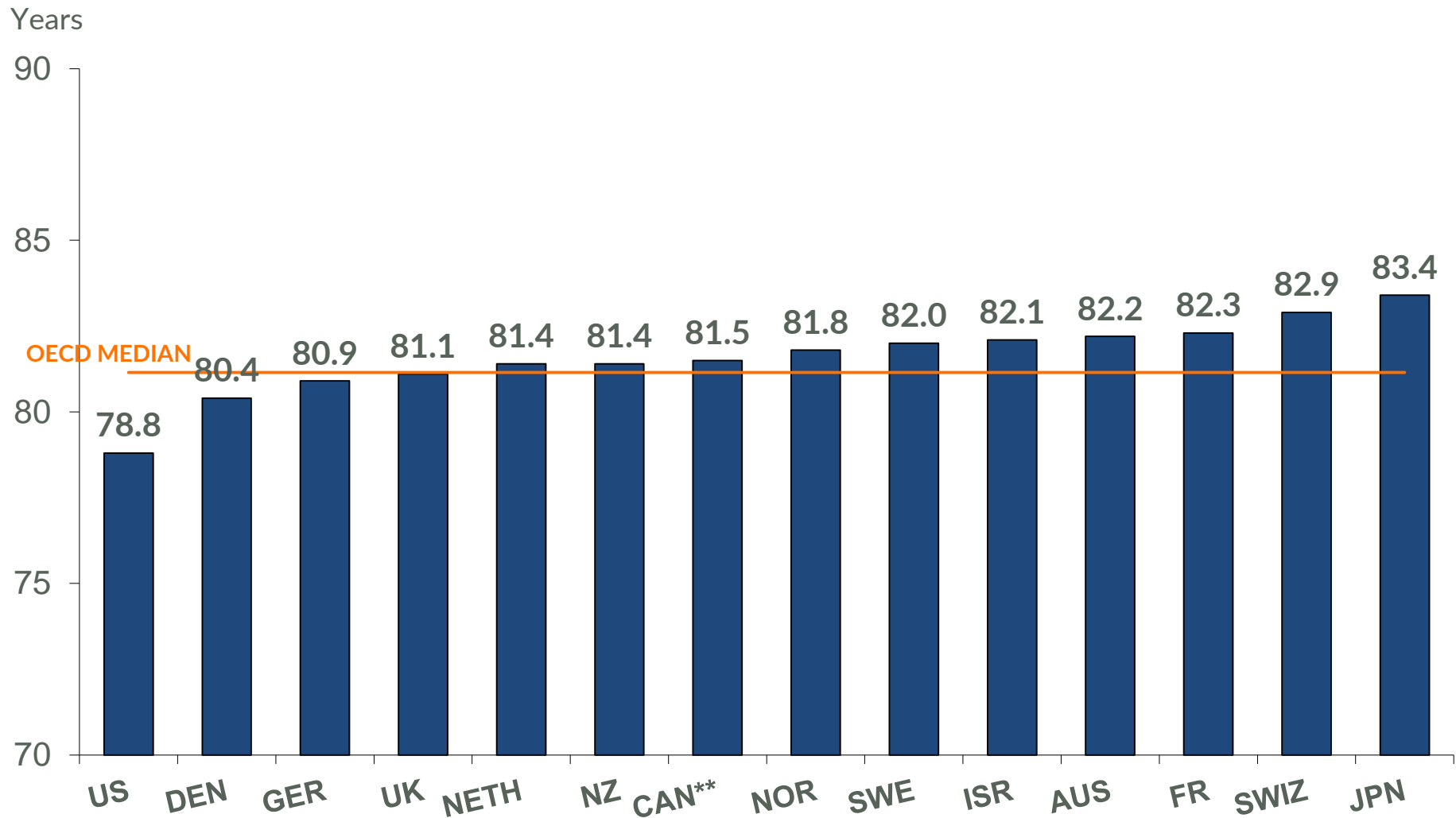
# Foreign Body Left in During Procedure, per 100,000 Hospital Discharges, 2013



<sup>1</sup> The average number of secondary diagnoses is < 1.5 for all surgeries which may result in an underestimation. All episode method for Norway, NZ, & Israel. Surgical episode method for Sweden, UK, US, Canada, Australia and Switzerland.

Source: OECD Health Data 2015

# Life Expectancy at Birth, 2013

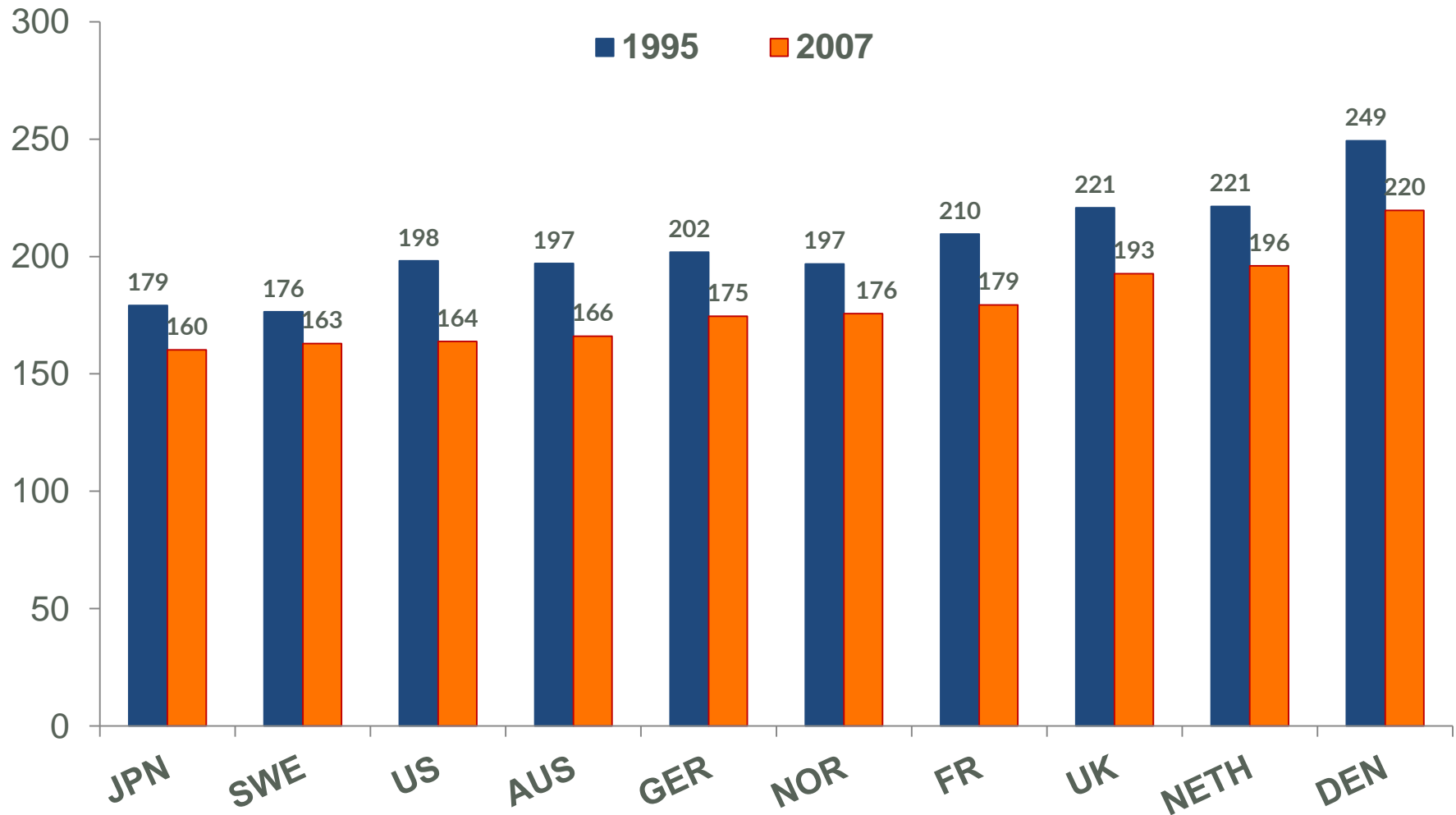


\*\*2011

Source: OECD Health Data 2015.

# Mortality Due to Cancer, 1995 to 2007

Deaths per 100,000 population (adjusted)\*



\*Mortality rates are adjusted for likelihood of death due to other causes.

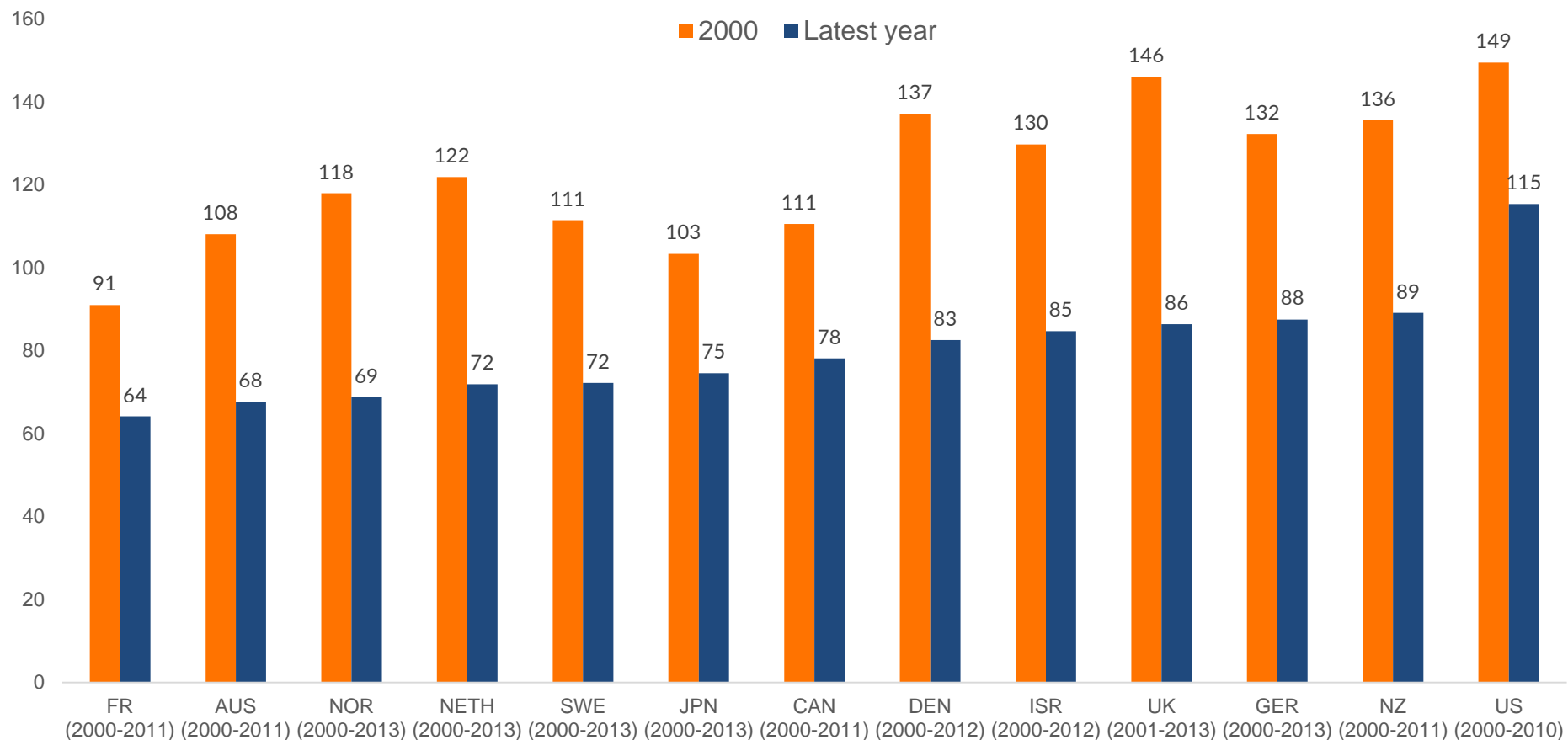
Source: Stevens W, et al. Cancer mortality reductions were greatest among countries where cancer care spending rose the most, 1995-2007. Health Affairs. 2015 Apr 1;34(4):562-70.



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# Mortality Amenable to Health Care, 2000 and Latest Year

Deaths per 100,000 population\*



\* Countries' age-standardized death rates before age 75. List of amenable causes: Nolte & McKee 2004

Source: WHO Mortality Files (number of deaths by age group) and populations (except Human Mortality Database for Canada, UK and the USA). European Standard Population 2013.



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