



THE
COMMONWEALTH
FUND

Multinational Comparisons of Health Systems Data, 2013

**David Squires
The Commonwealth Fund**

November 2013

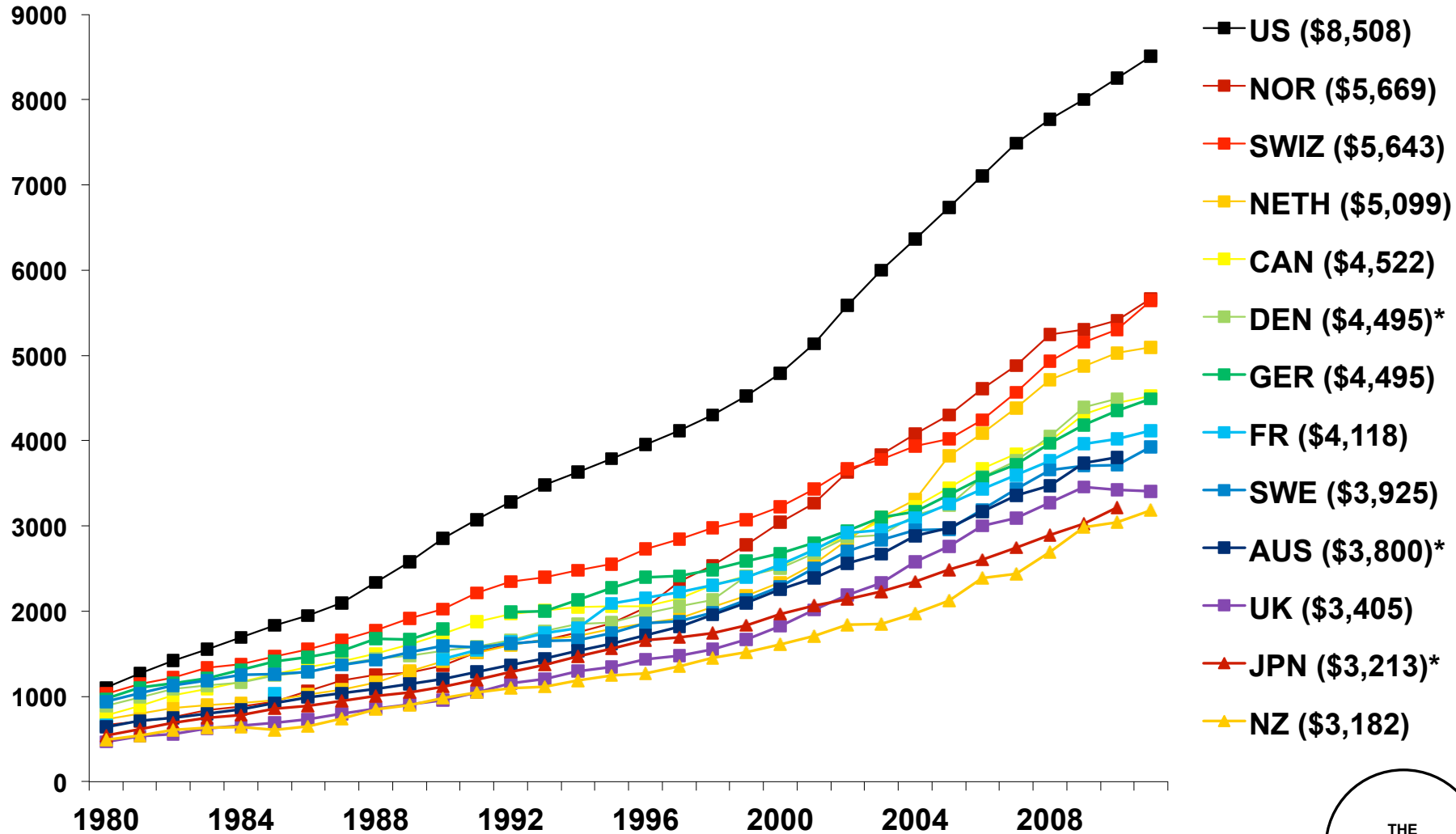
Health Care Spending and Coverage



Average Health Care Spending per Capita, 1980–2011

Adjusted for Differences in Cost of Living

Dollars (\$US)



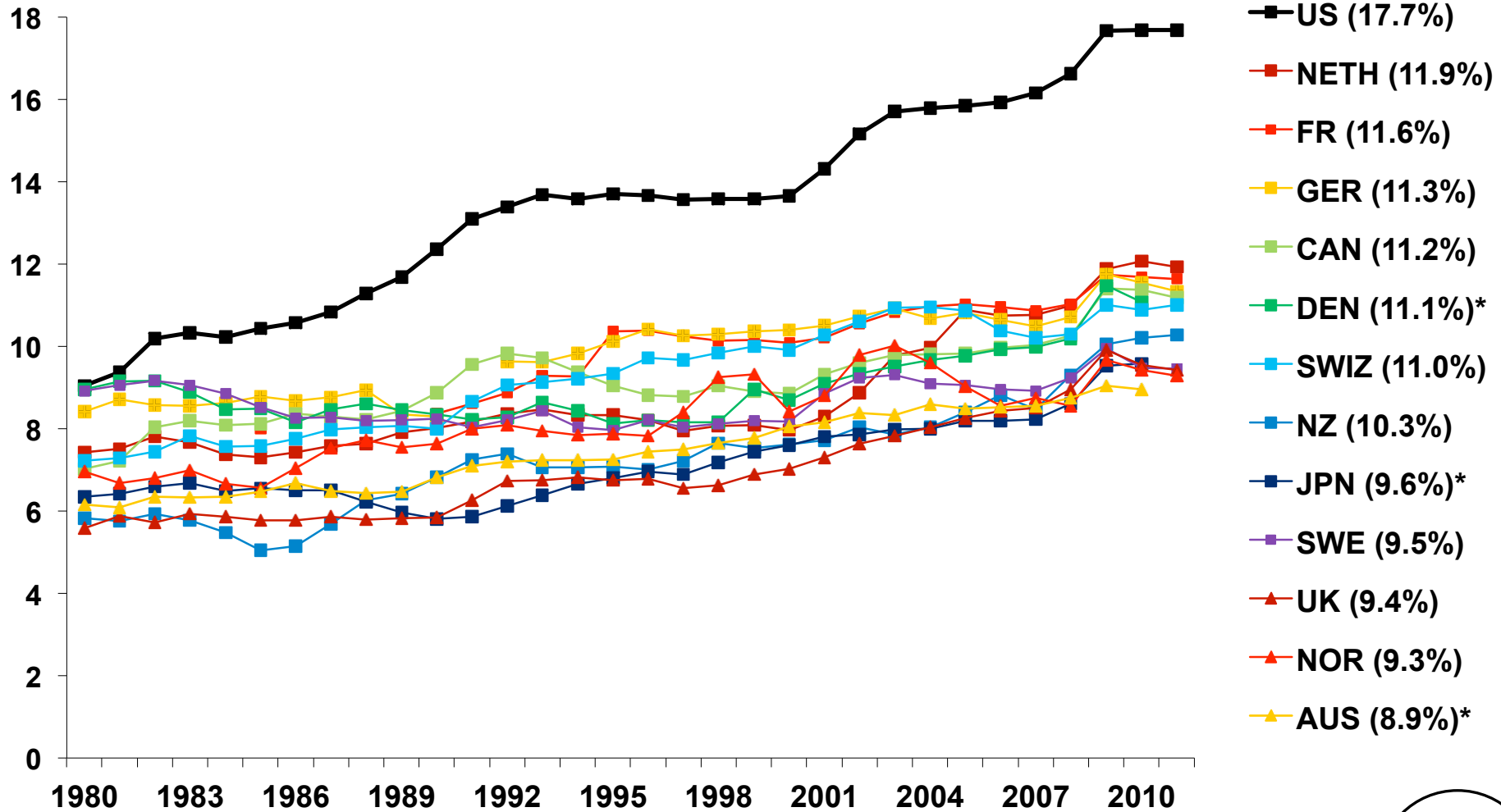
* 2010

Source: OECD Health Data 2013.

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Health Care Spending as a Percentage of GDP, 1980–2011

Percent



* 2010

GDP refers to gross domestic product.

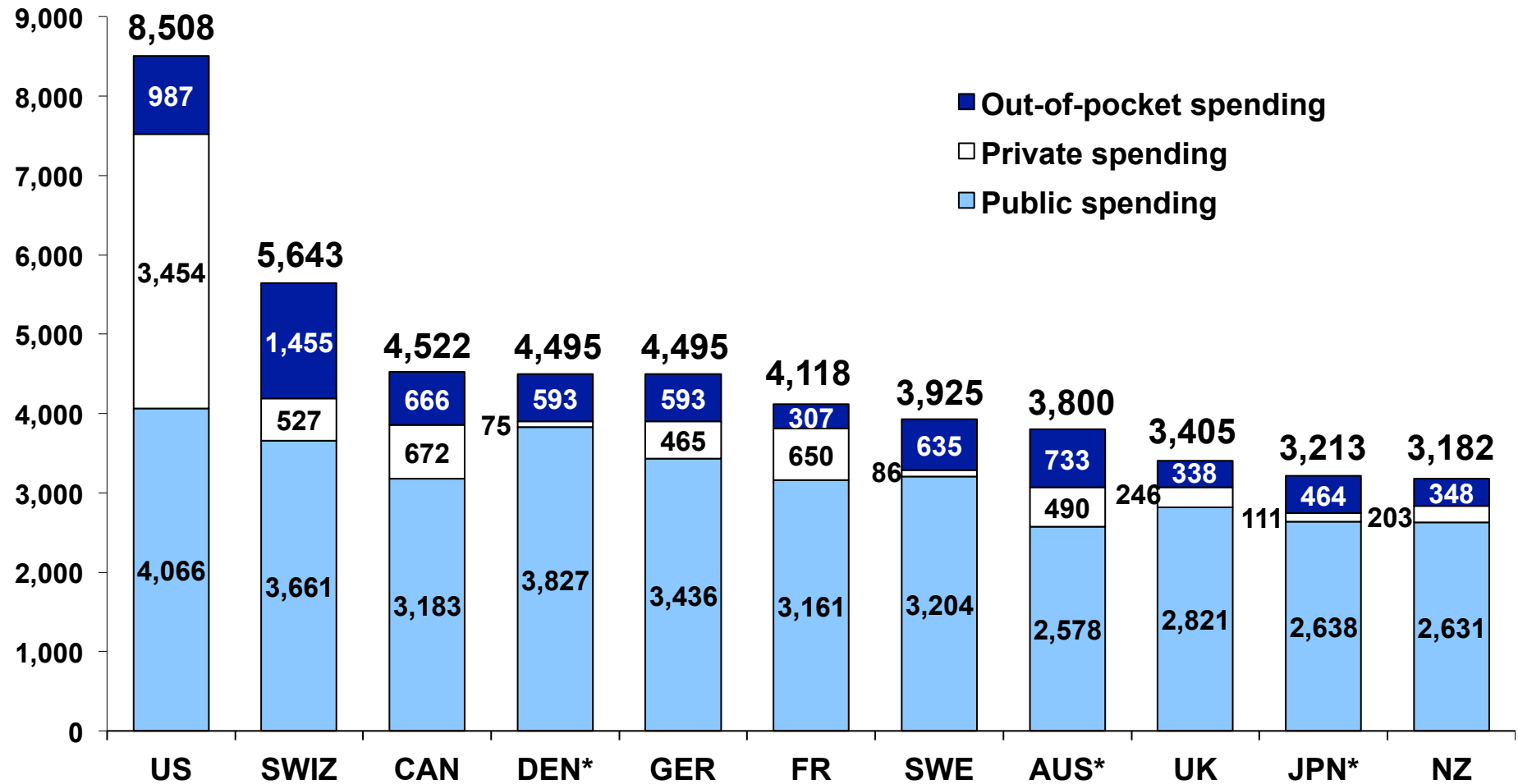
Source: OECD Health Data 2013.



Health Care Spending per Capita by Source of Funding, 2011

Adjusted for Differences in Cost of Living

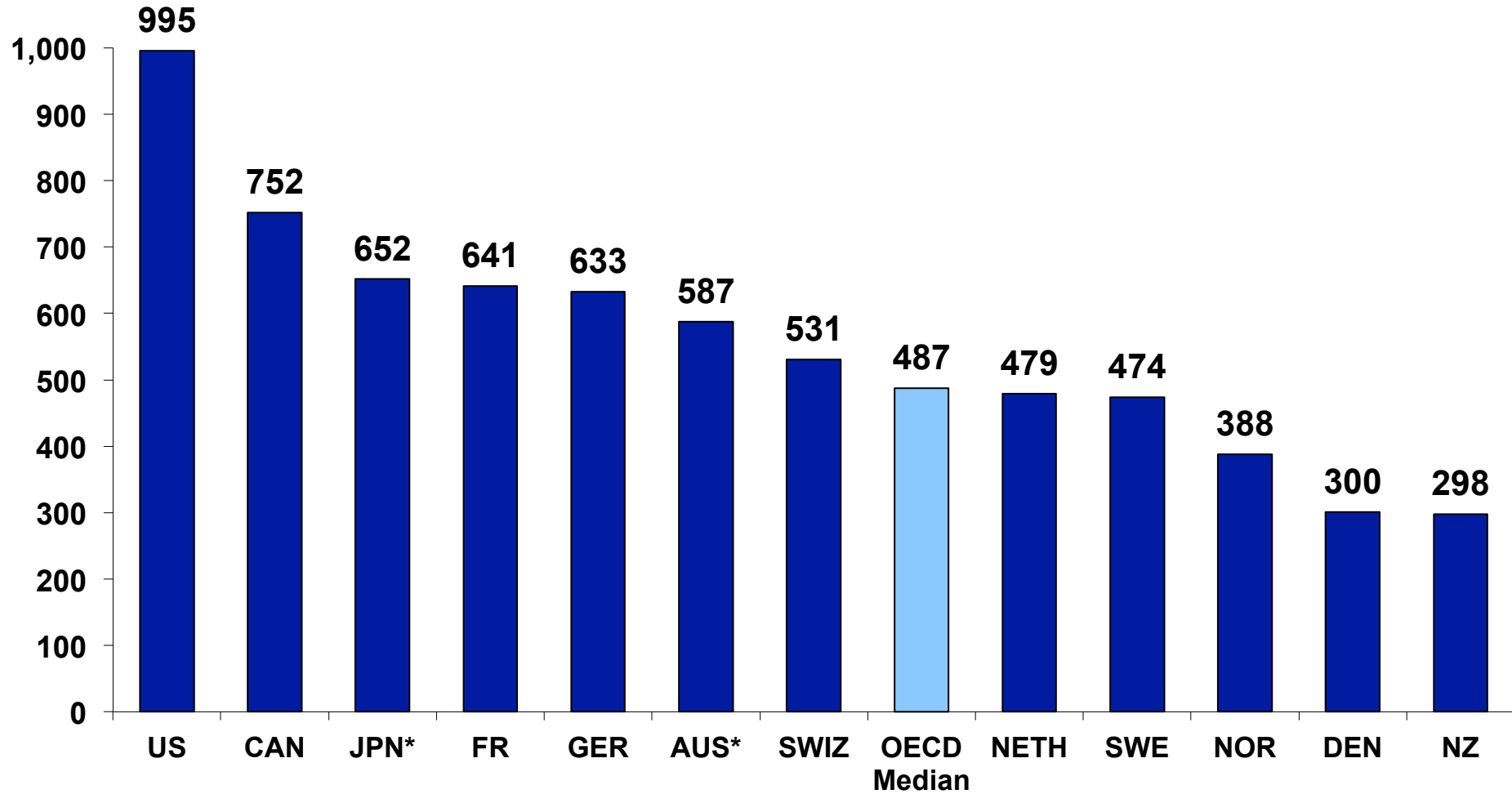
Dollars (\$US)



Pharmaceutical Spending per Capita, 2011

Adjusted for Differences in Cost of Living

Dollars (\$US)

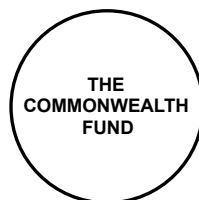


* 2010.

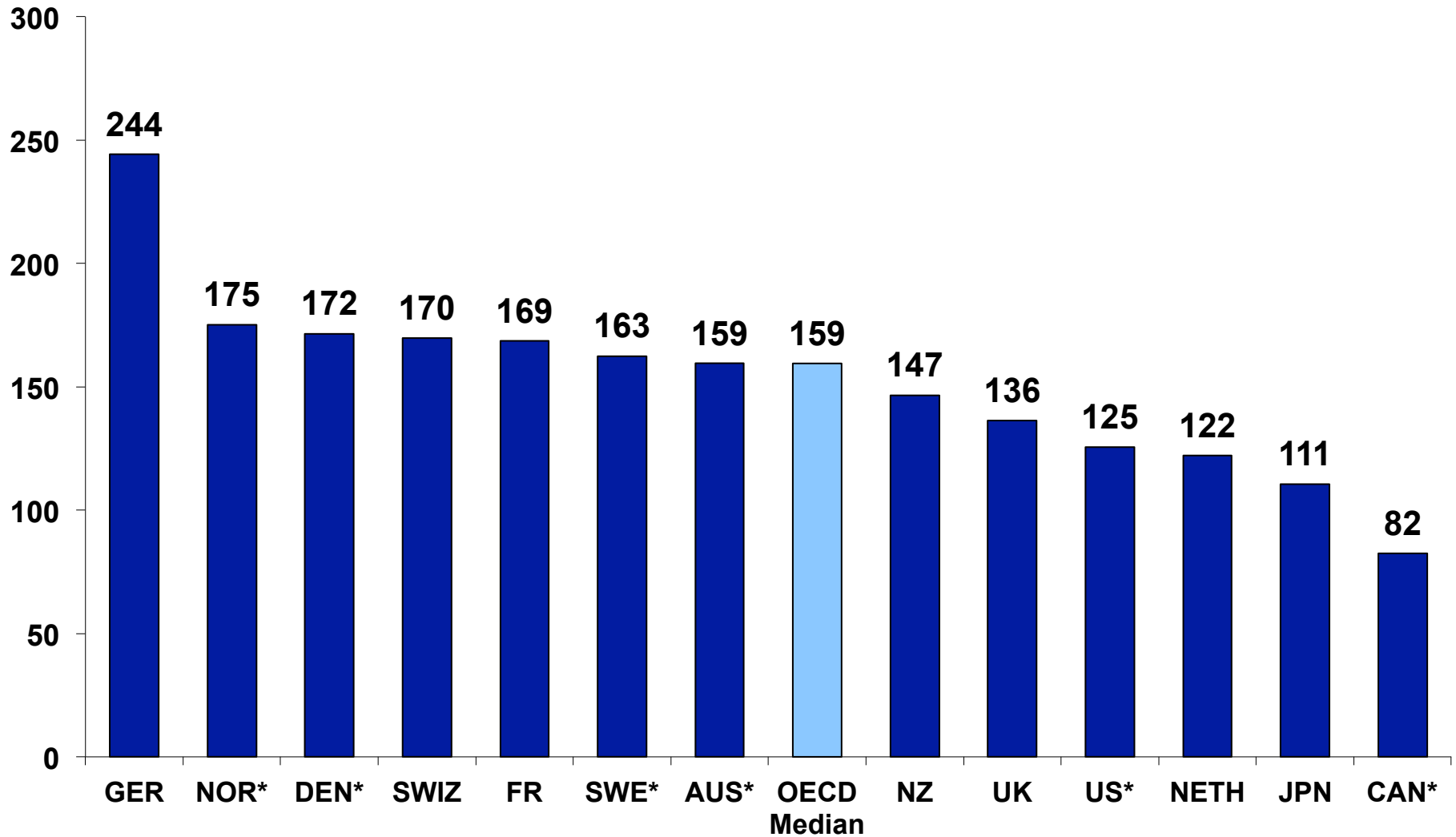
Source: OECD Health Data 2013.



Health Care Supply and Utilization



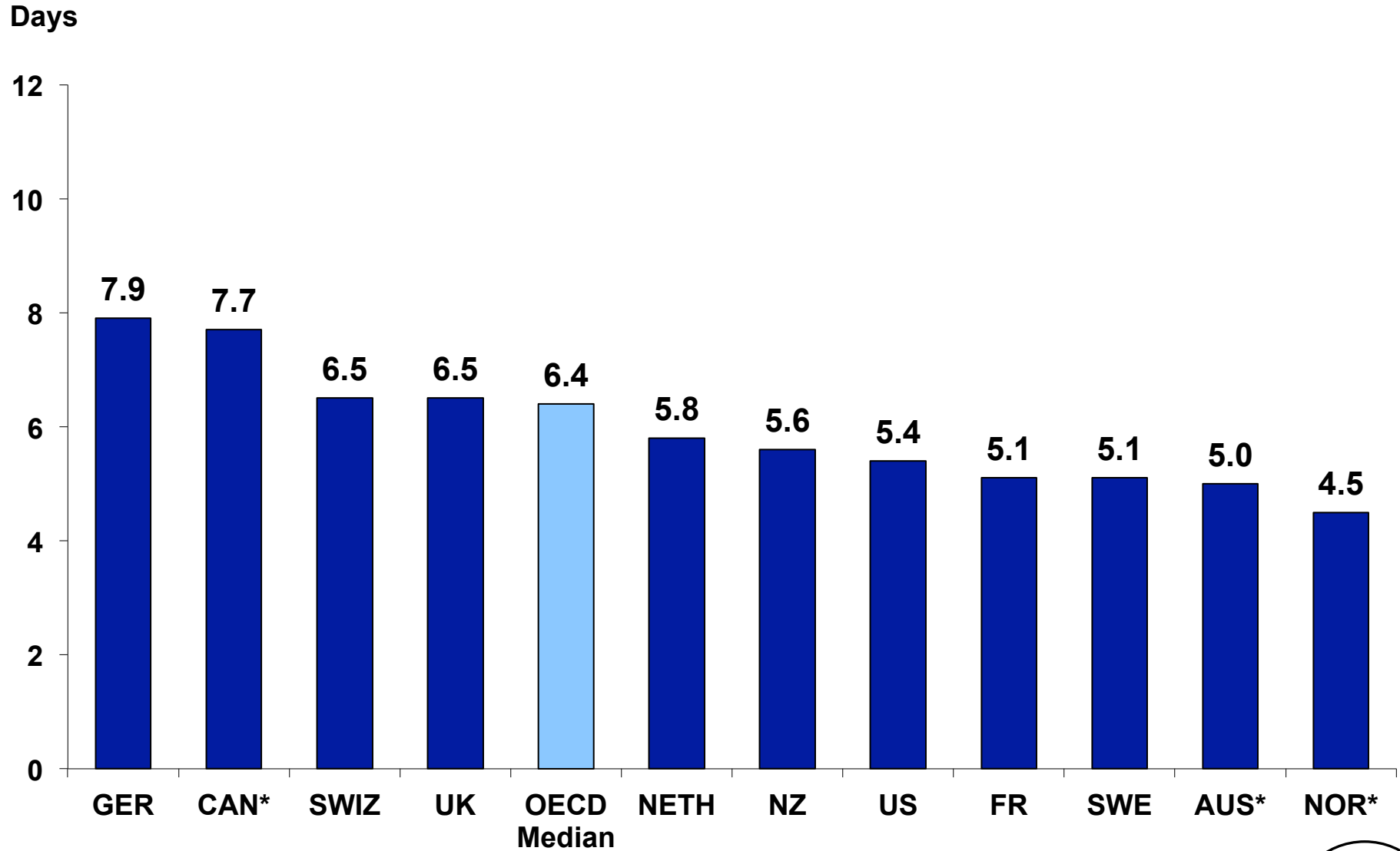
Hospital Discharges per 1,000 Population, 2011



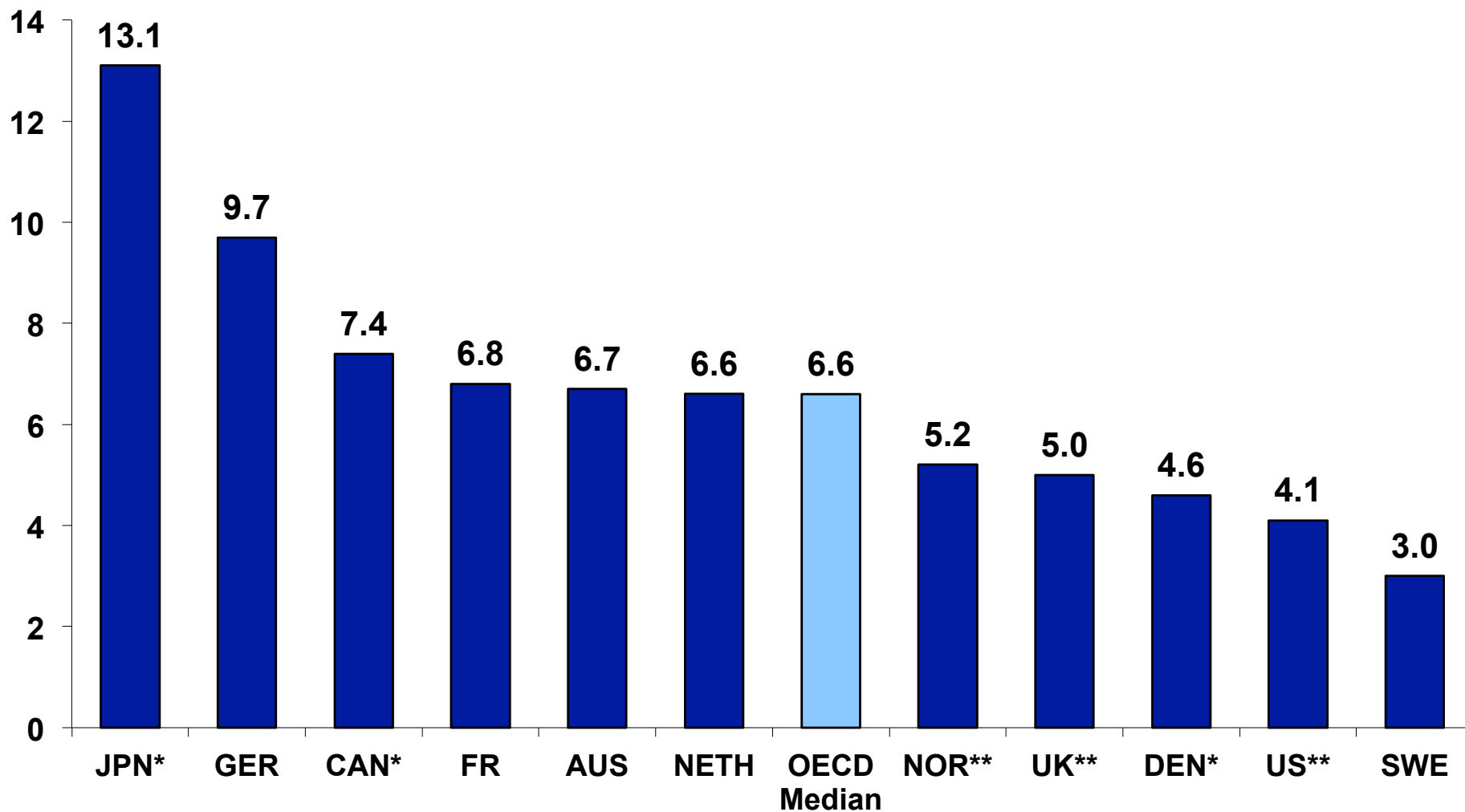
* 2010.

Source: OECD Health Data 2013.

Average Length of Hospital Stay for Acute Care, 2011



Average Annual Number of Physician Visits per Capita, 2011



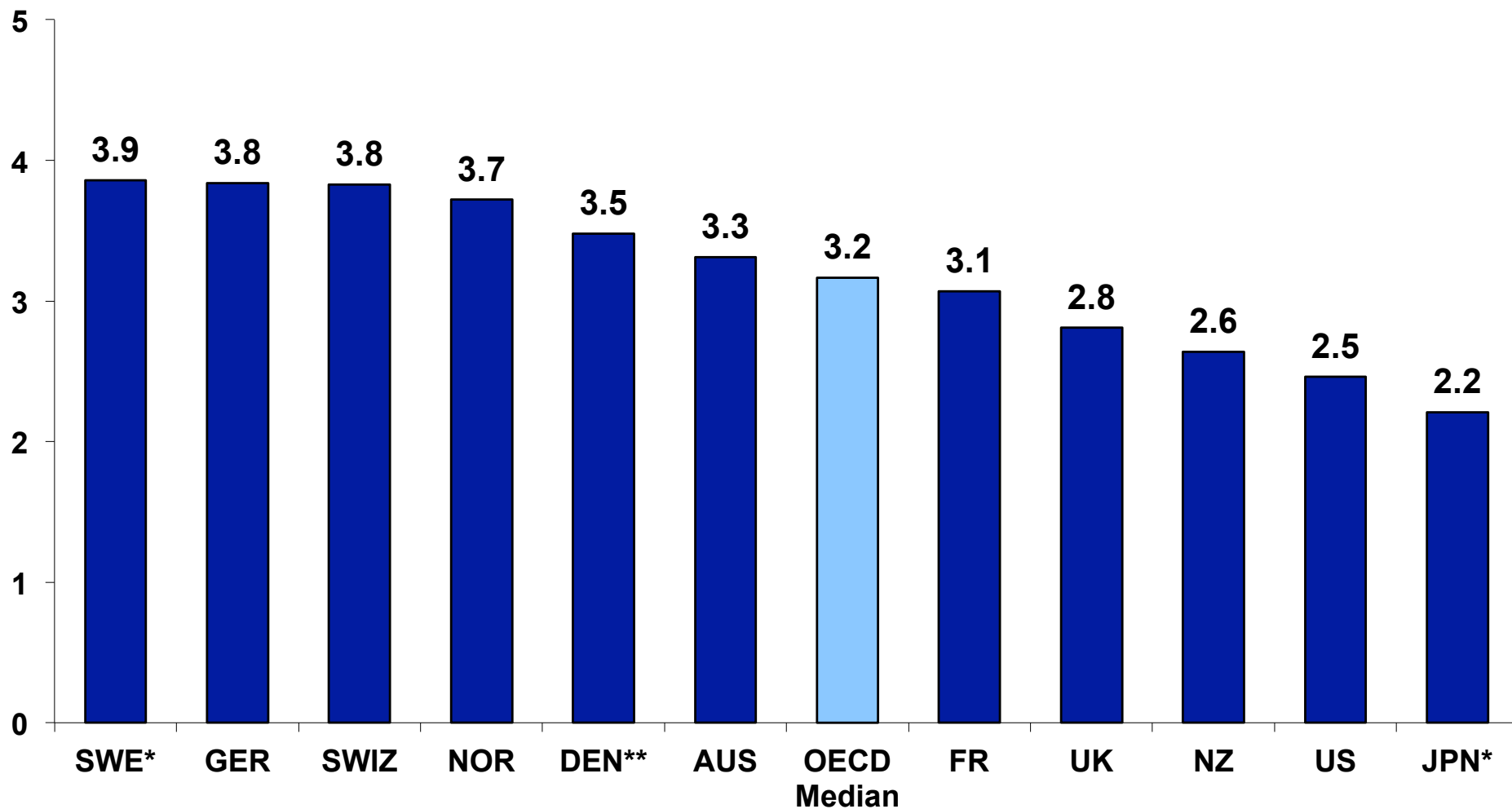
* 2010.

** 2009.

Source: OECD Health Data 2013.



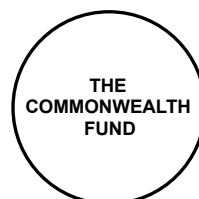
Number of Practicing Physicians per 1,000 Population, 2011



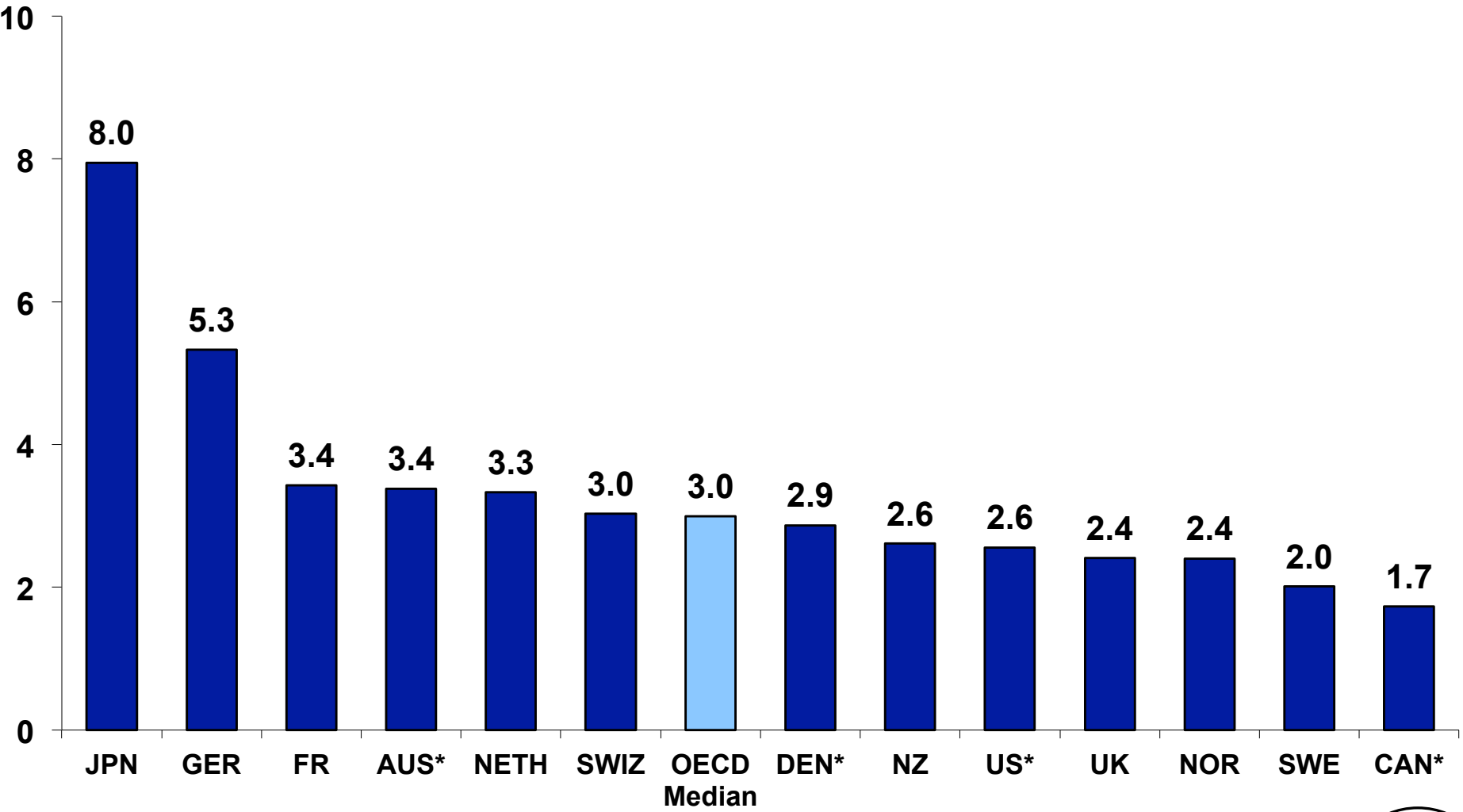
* 2010.

** 2009.

Source: OECD Health Data 2013.



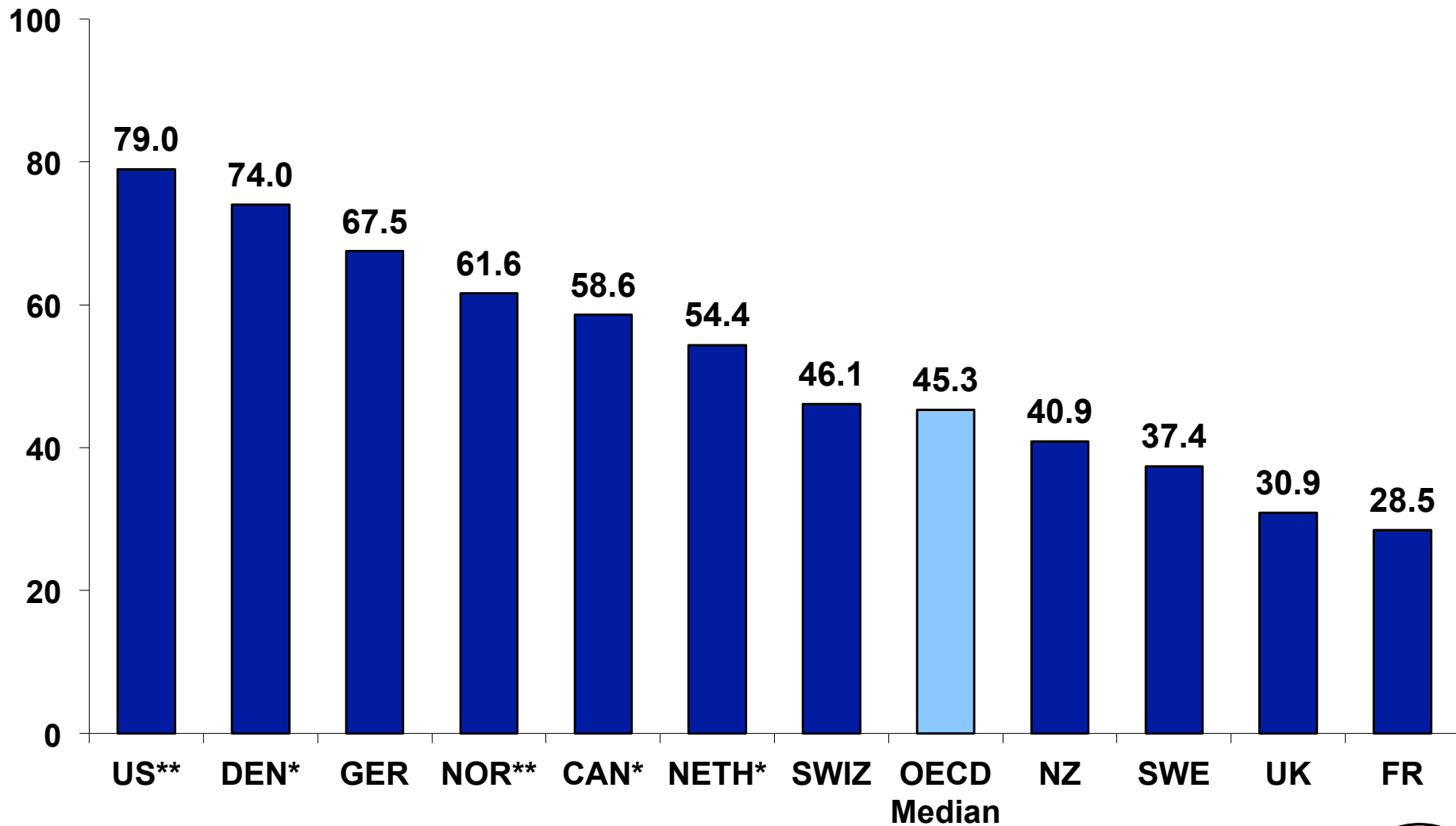
Number of Acute Care Hospital Beds per 1,000 Population, 2011



* 2010.
Source: OECD Health Data 2013.



Inpatient Coronary Bypass Grafts per 100,000 Population, 2011

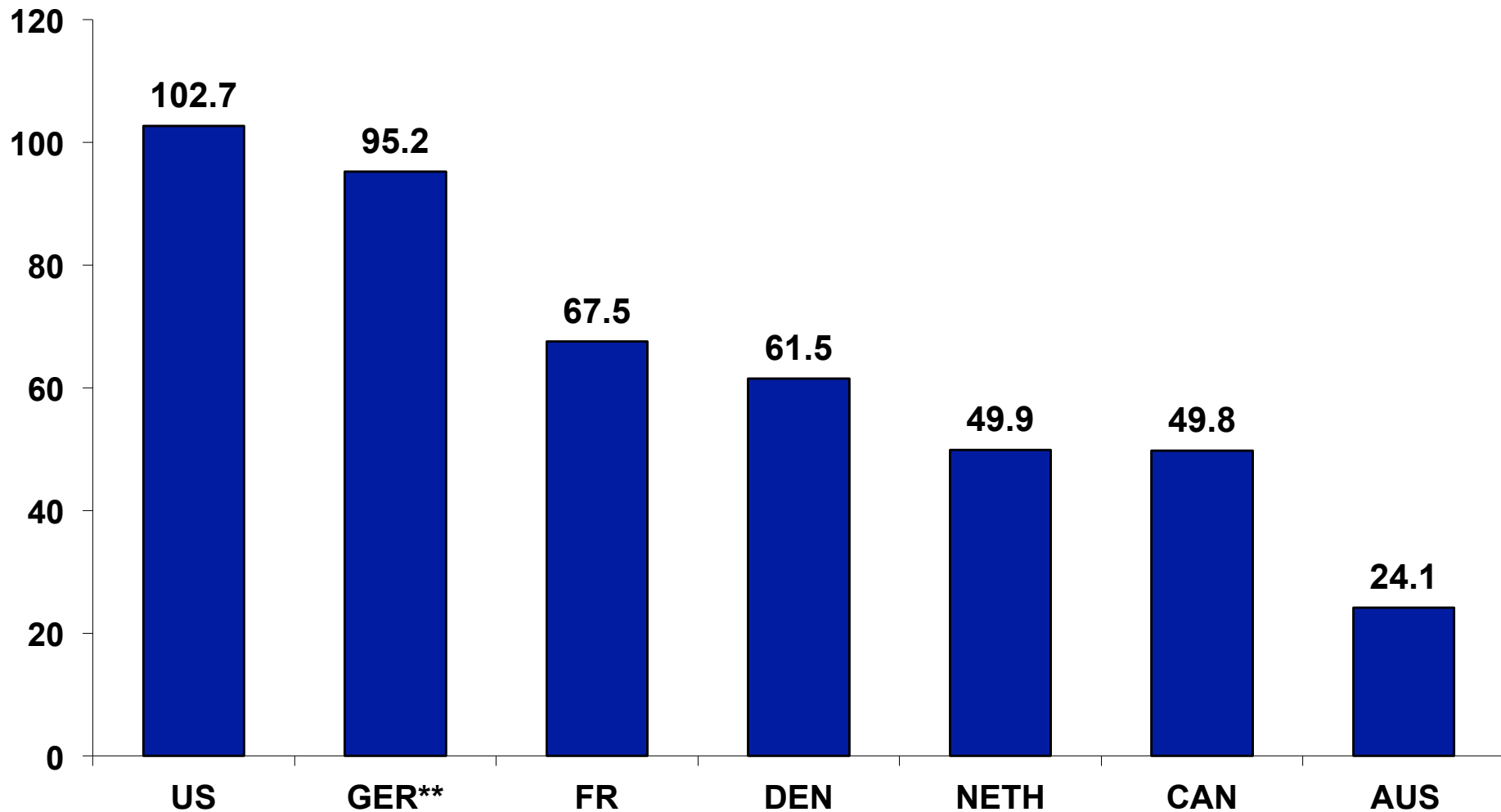


* 2010.

** 2009.

Source: OECD Health Data 2013.

Magnetic Resonance Imaging (MRI) Exams per Million Population, 2011¹⁴



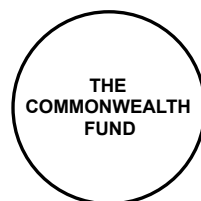
* 2010.

** 2009.

Source: OECD Health Data 2013.

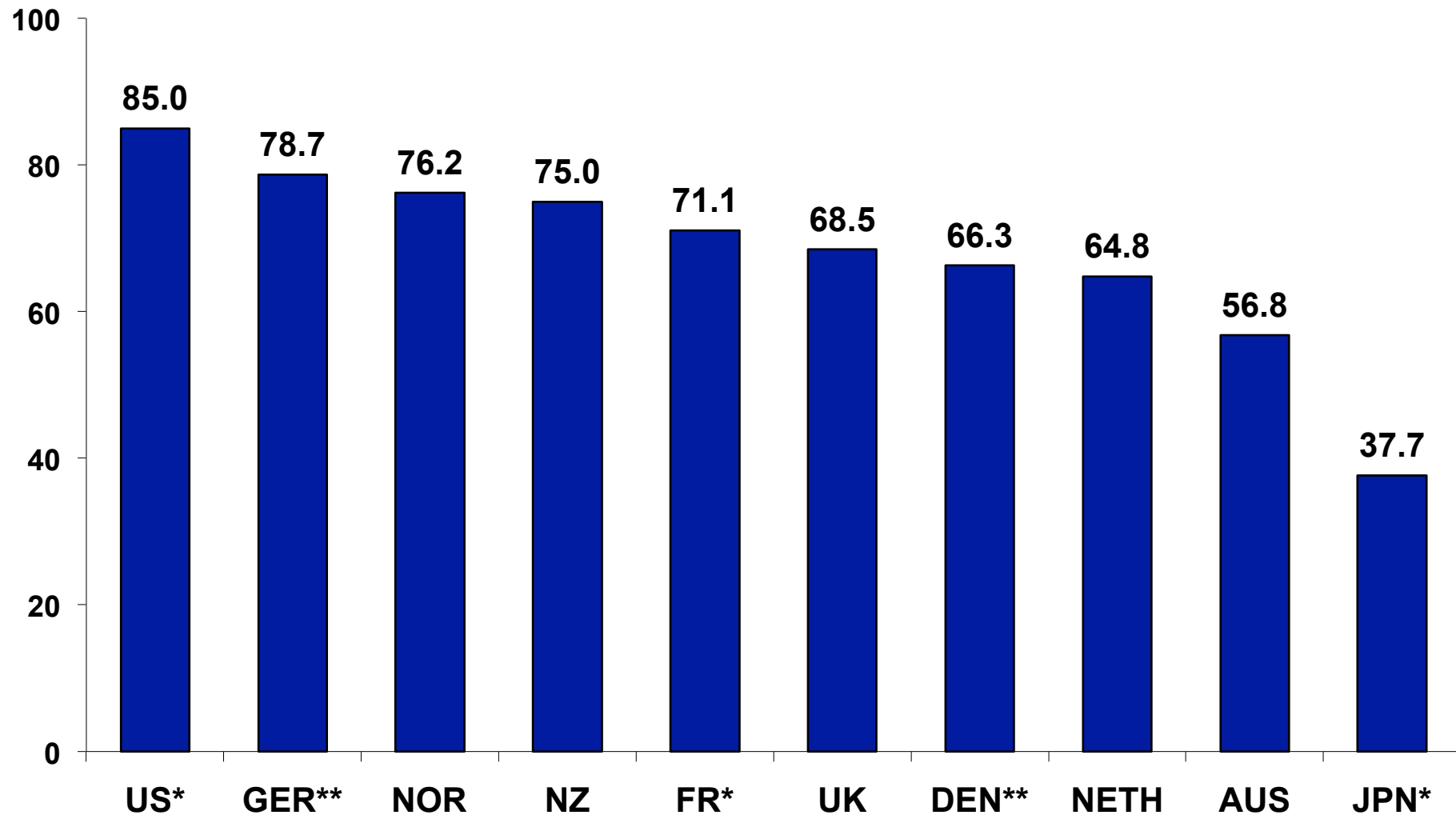


Health Promotion and Disease Prevention



Cervical Cancer Screening Rates, 2011

Percent of women screened



Note: NOR, NZ, UK, DEN, and AUS based on program data; all other countries based on survey data.

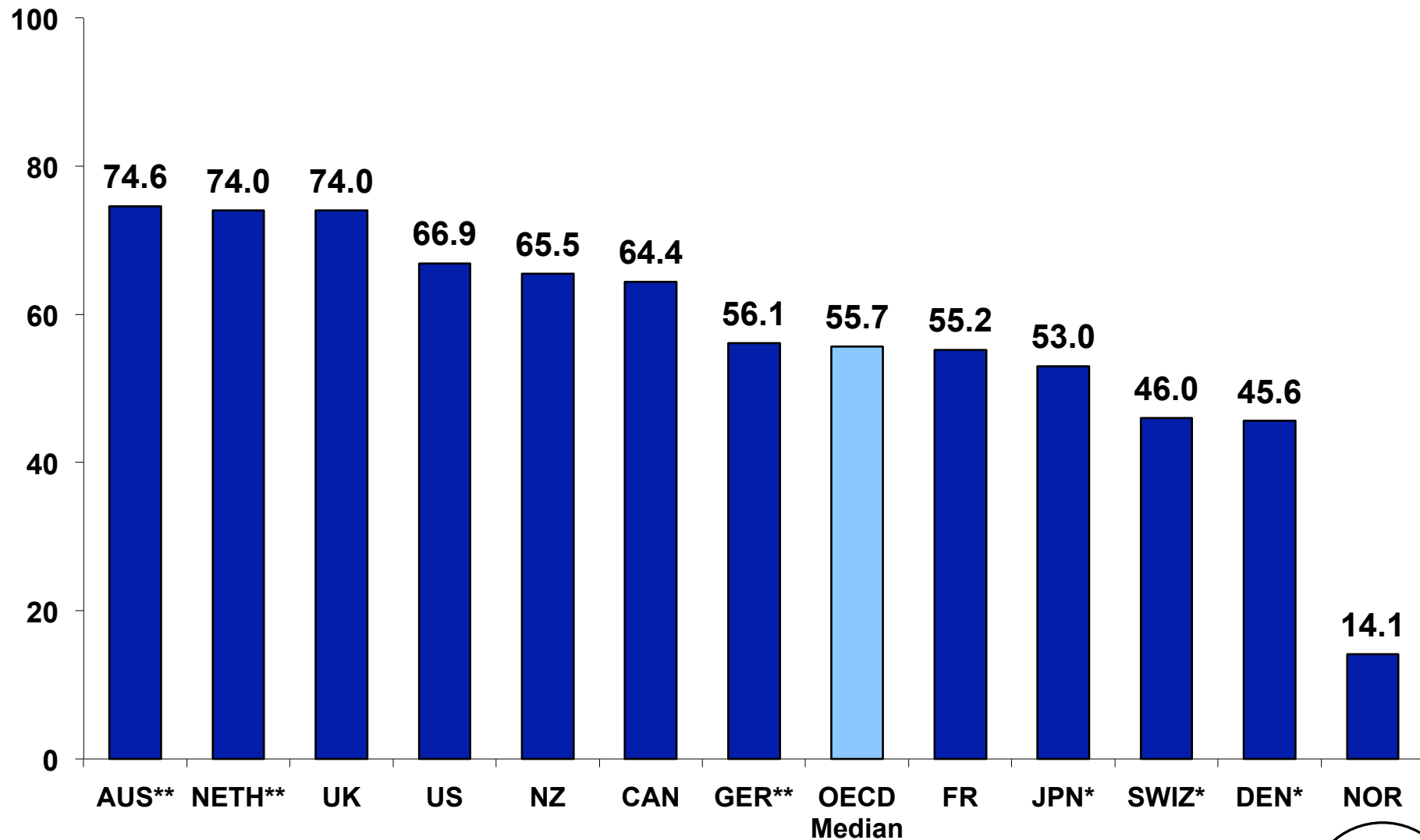
* 2010.

** 2009.

Source: OECD Health Data 2013.

Flu Immunization Among Adults Age 65 or Older, 2011

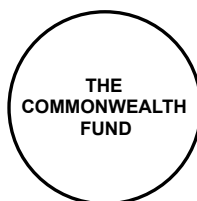
Percent



* 2010.

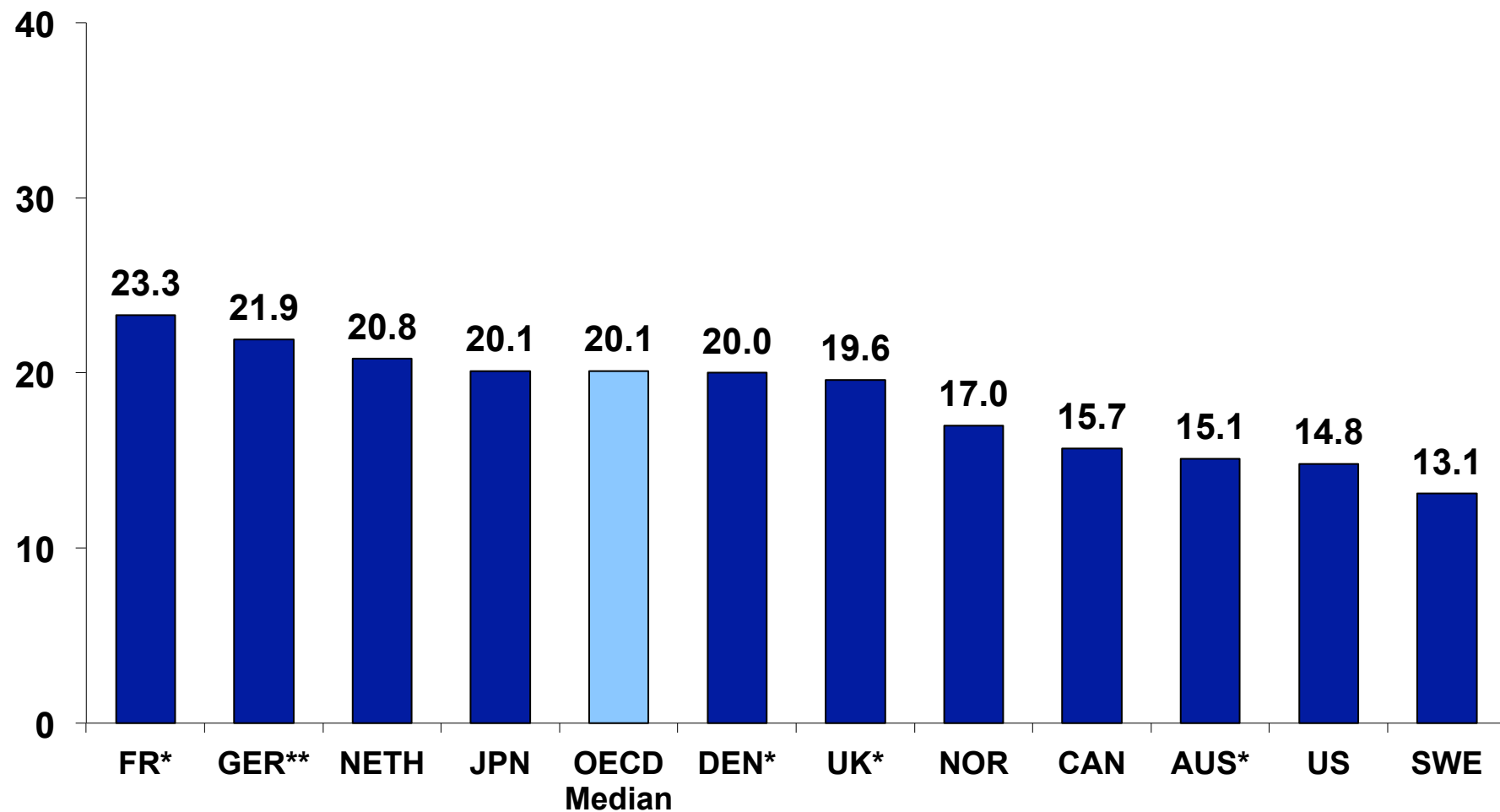
** 2009.

Source: OECD Health Data 2013.



Adults Who Report Being Daily Smokers, 2011

Percent



* 2010.

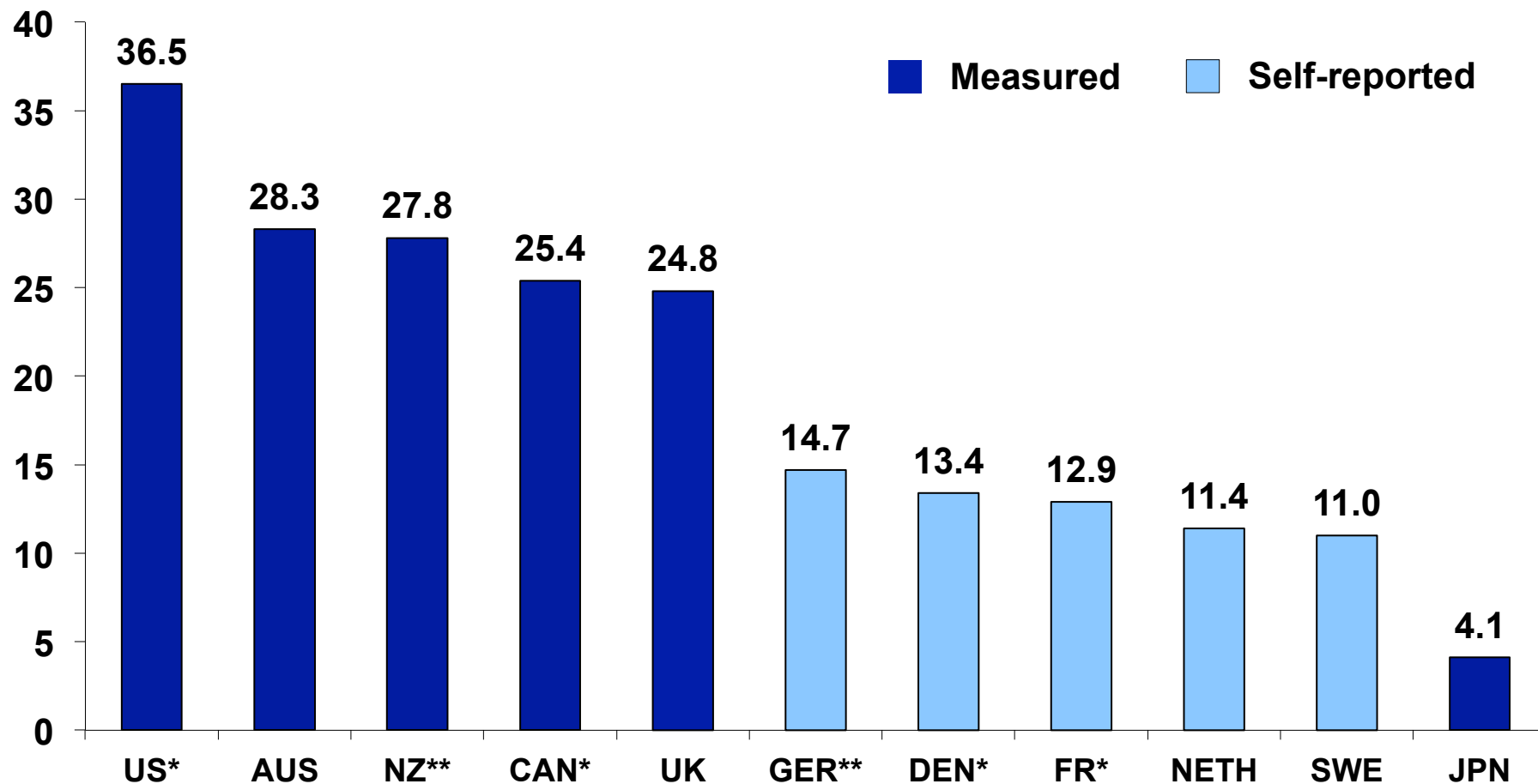
** 2009.

Source: OECD Health Data 2013.



Obesity (BMI>30) Prevalence Among Adult Population, 2011

Percent

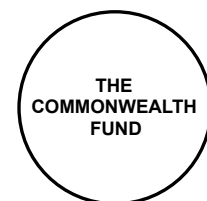


Note: Body-mass index (BMI) estimates based on national health interview surveys (self-reported data) are usually significantly lower than estimates based on actual measurements.

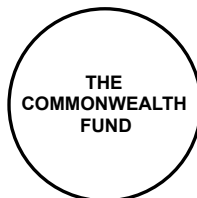
* 2010.

** 2009.

Source: OECD Health Data 2013.

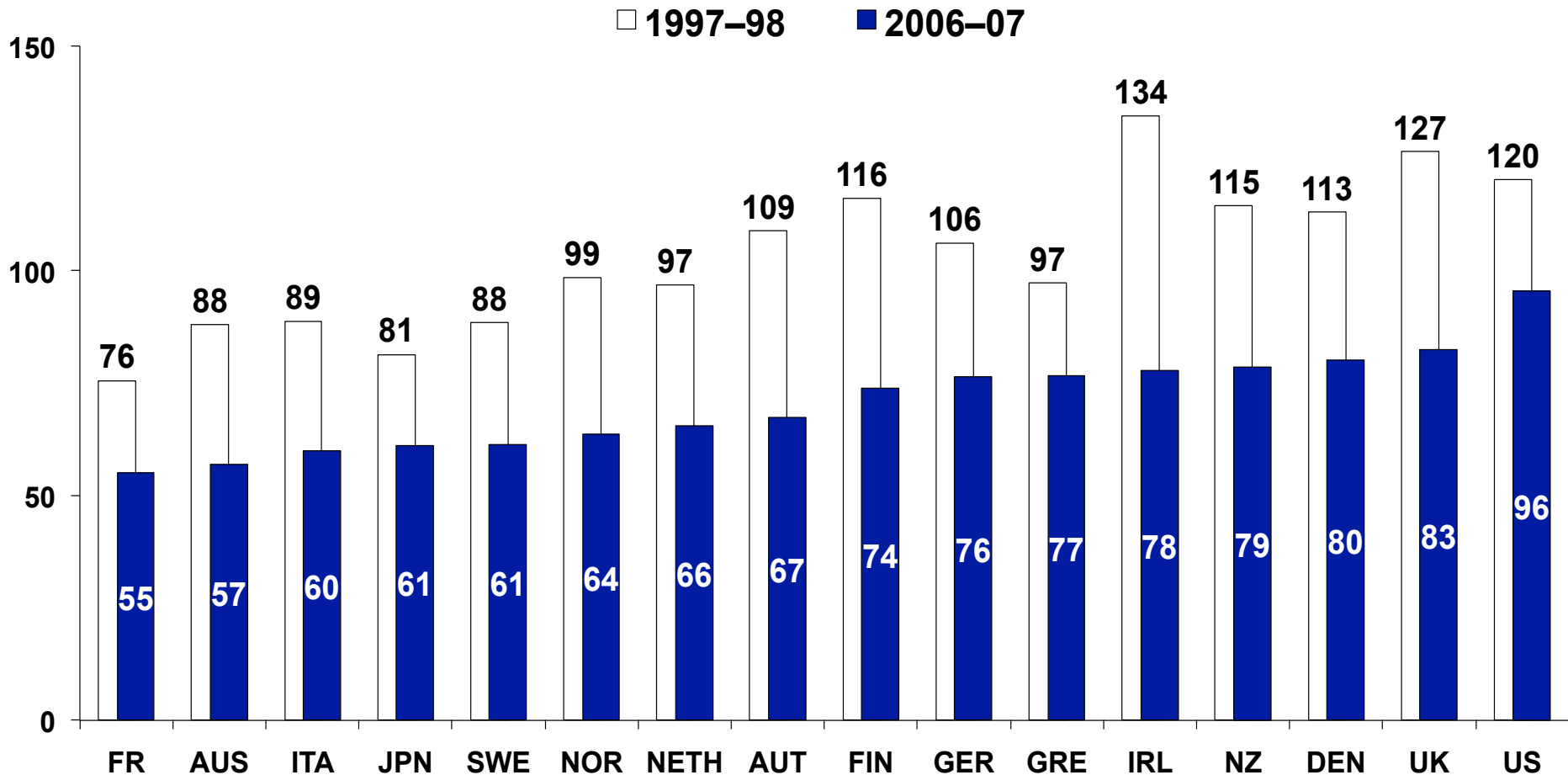


Quality and Patient Safety



Mortality Amenable to Health Care

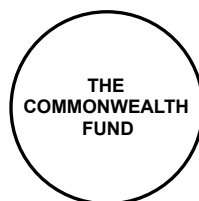
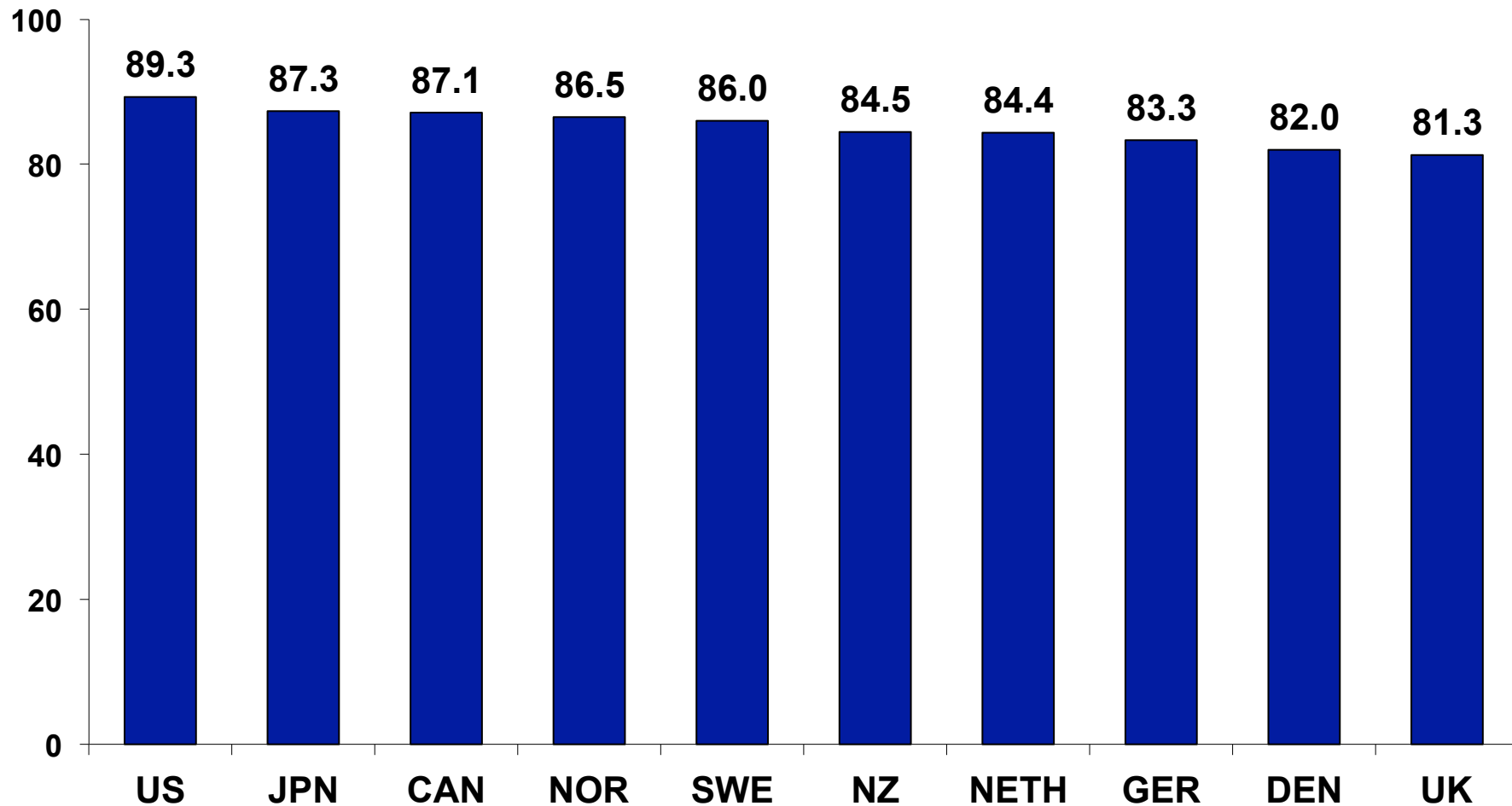
Deaths per 100,000 population*



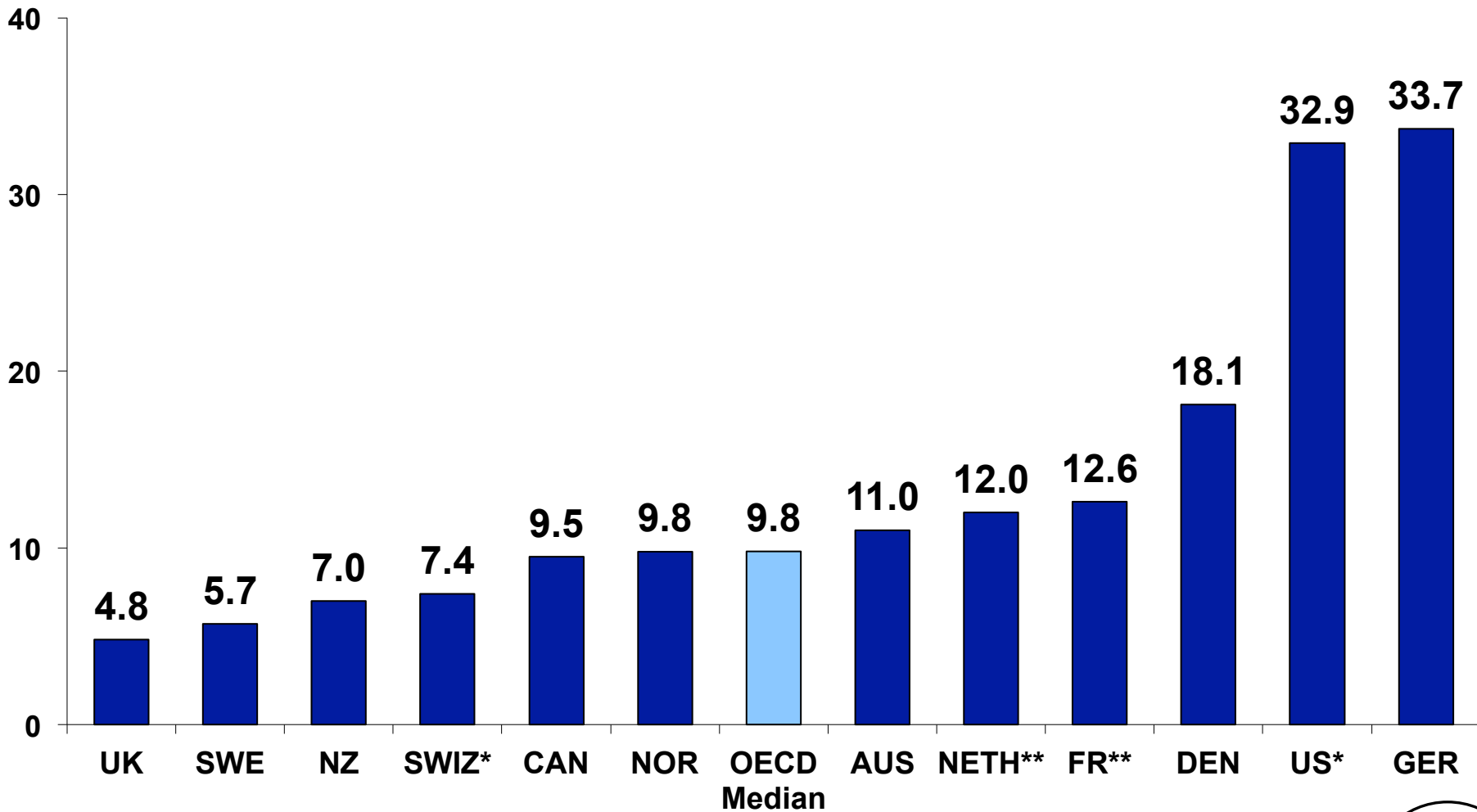
* Countries' age-standardized death rates before age 75; including ischemic heart disease, diabetes, stroke, and bacterial infections. Analysis of World Health Organization mortality files and CDC mortality data for U.S. Source: Adapted from E. Nolte and M. McKee, "Variations in Amenable Mortality—Trends in 16 High-Income Nations," *Health Policy*, published online Sept. 12, 2011.

Breast Cancer Five-Year Relative Survival Rate, 2004–2009 (or nearest period)

Percent



Diabetes Lower Extremity Amputation Rates per 100,000 Population, 2009

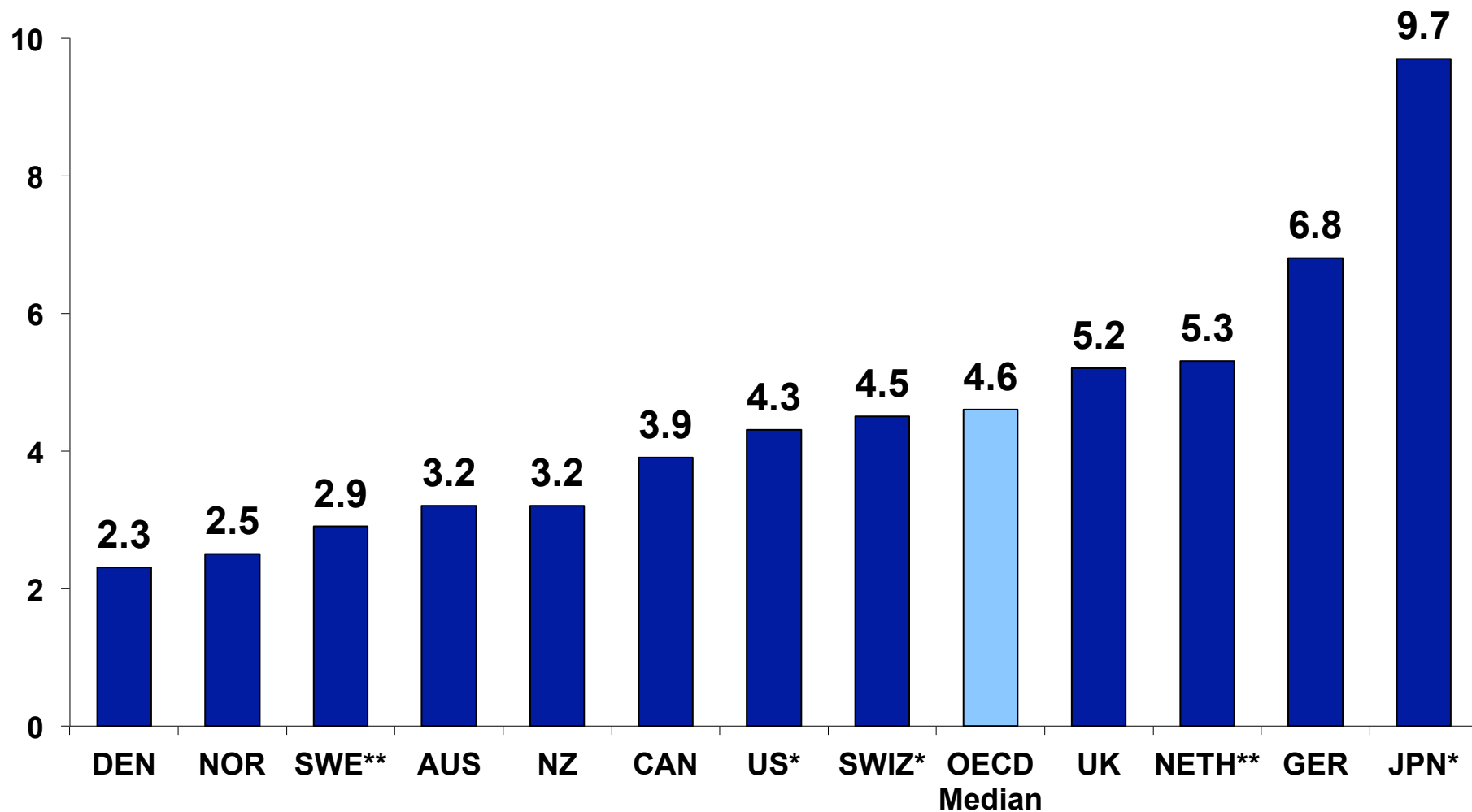


* 2008.

** 2007.

Source: OECD Health Data 2013.

In-Hospital Mortality After Admission for Acute Myocardial Infarction† ²⁴ per 100 Patients, 2009

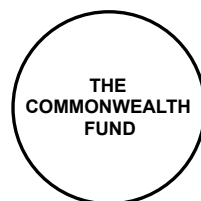


† In-hospital case-fatality rates within 30 days of admission. Age-sex standardized rates.

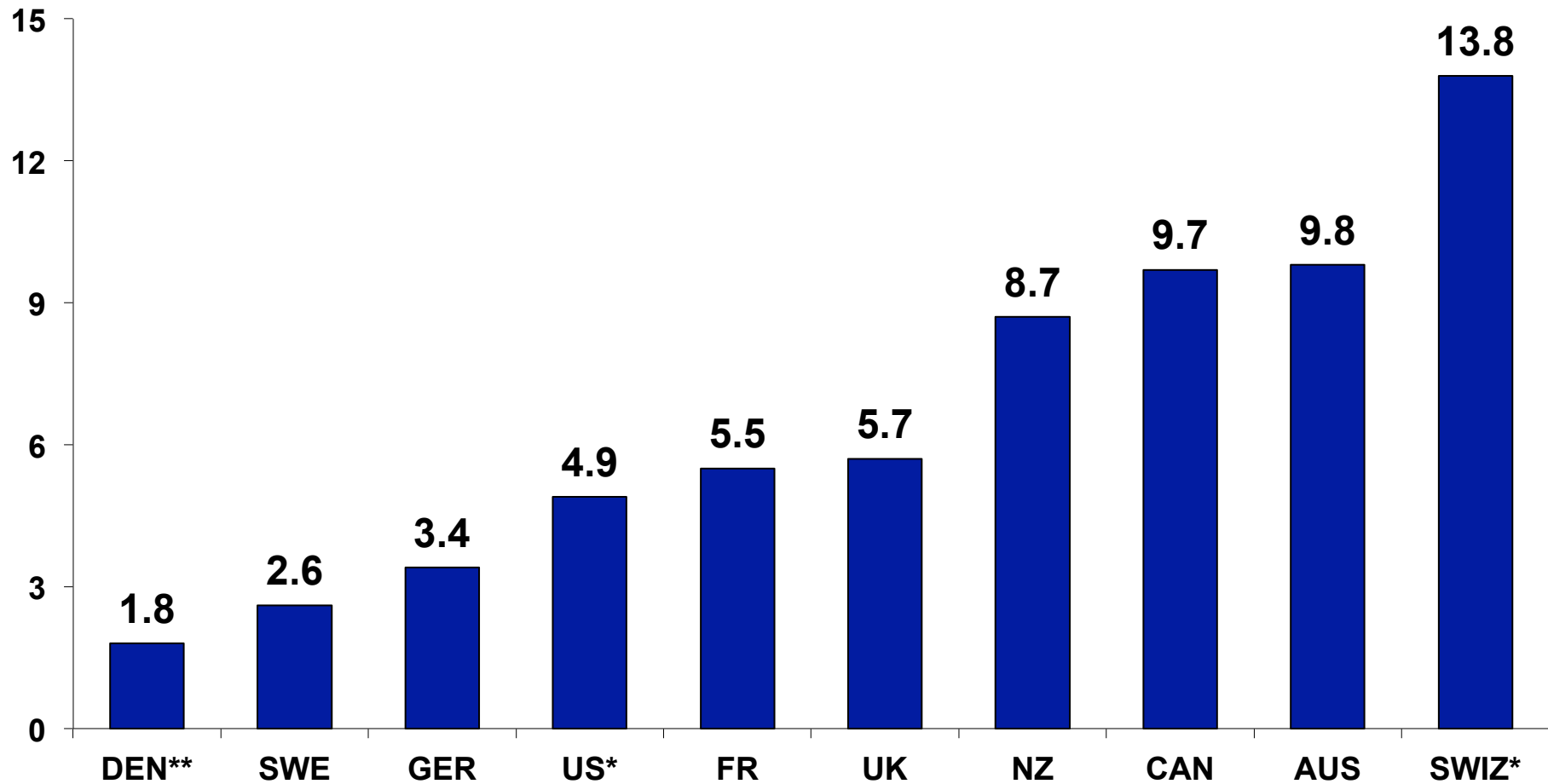
* 2008.

** 2007.

Source: OECD Health Data 2013.



Foreign Object Left in Body During Procedure per 100,000 Hospital Discharges, 2009



Note: Age-sex-SDX standardized rates.

* 2008.

** 2010.

Source: OECD Health Data 2013.

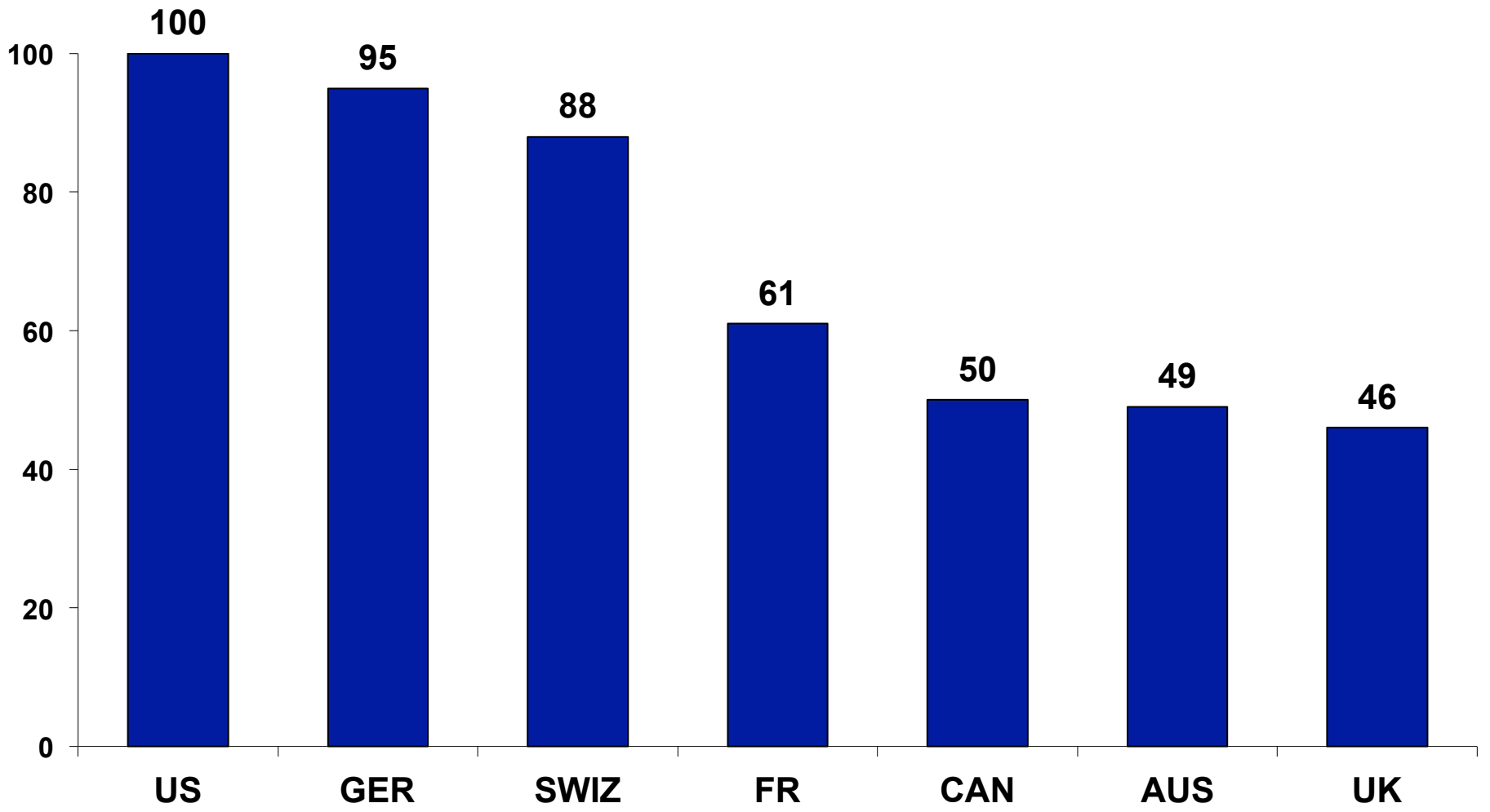


Prices

Retail Price Indexes for Basket of In-Patent Pharmaceuticals, 2010

US is set at 100

Price level



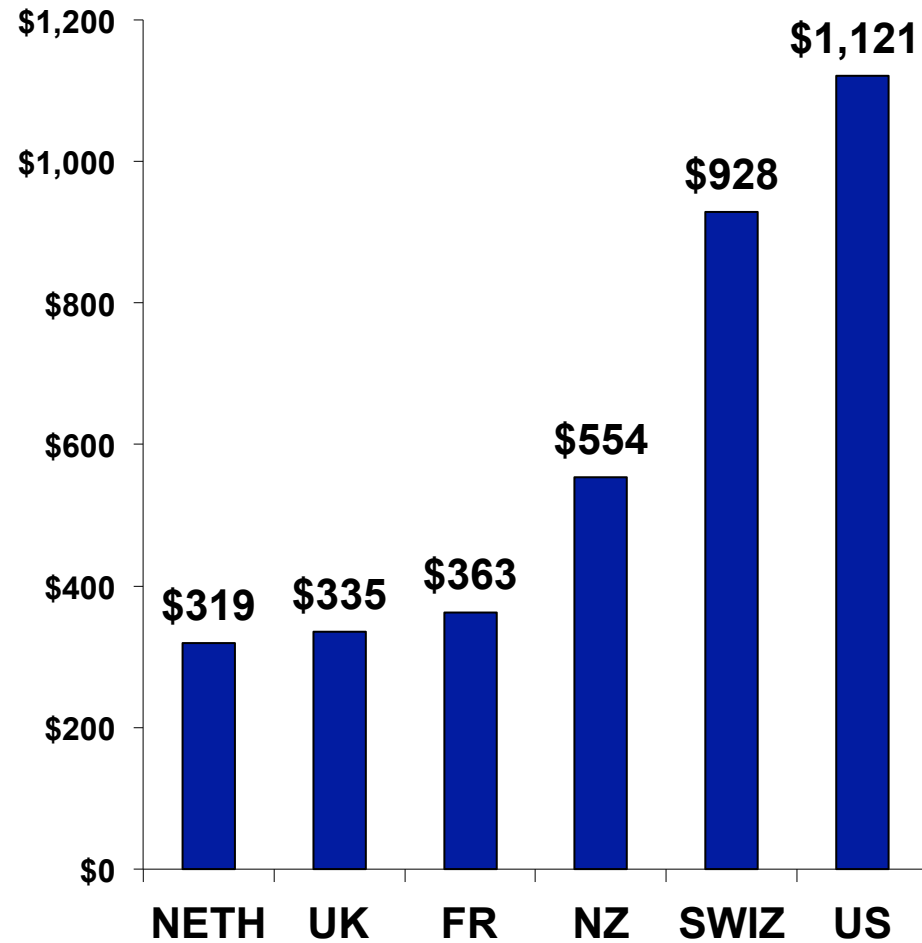
Note: Calculations weighted relative to U.S. consumption patterns. U.S. retail prices were discounted from manufacturer prices according to the rebates obtained by the Medicaid program.

Source: P. Kanavos, A. Ferrario, S. Vondoros et al., "Higher U.S. Branded Drug Prices and Spending Compared to Other Countries May Stem Partly from Quick Uptake of New Drugs," *Health Affairs*, April 2013 32(4):753-61.

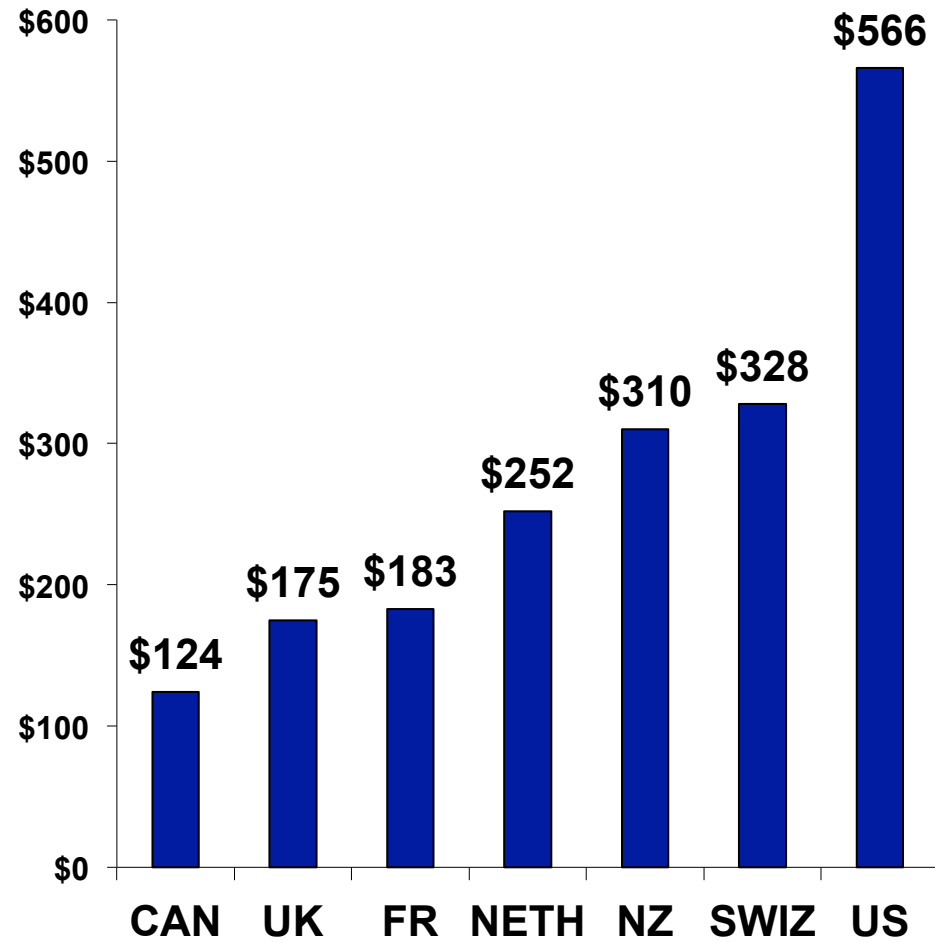


Diagnostic Imaging Prices, 2012

MRI scanning and imaging fees



CT scanning and imaging fees (head)



Notes: US refers to the commercial average. MRI refers to magnetic resonance imaging; CT refers to computed tomography.

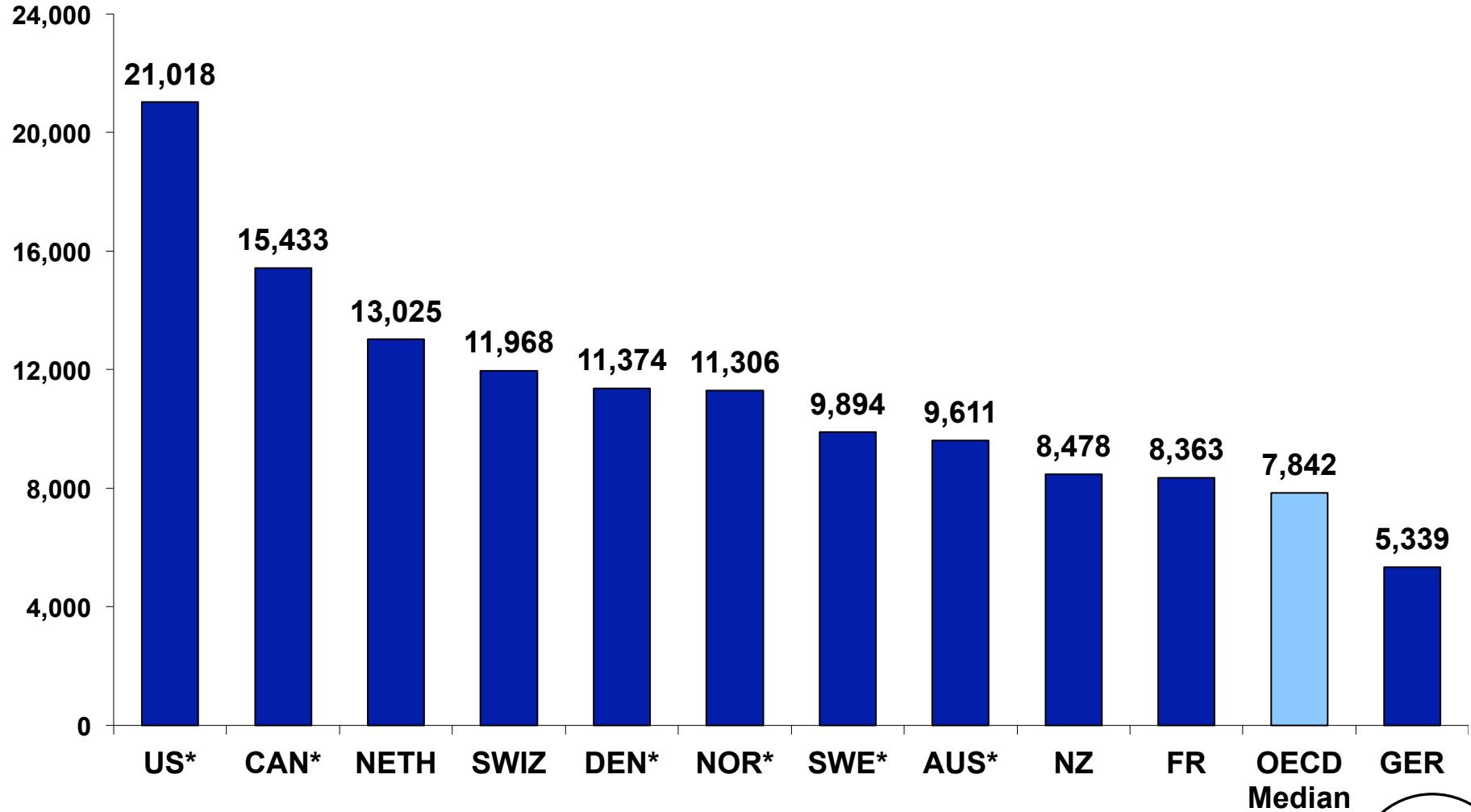
Source: International Federation of Health Plans, 2012 Comparative Price Report.



Hospital Spending per Discharge, 2011

Adjusted for Differences in Cost of Living

Dollars (\$US)



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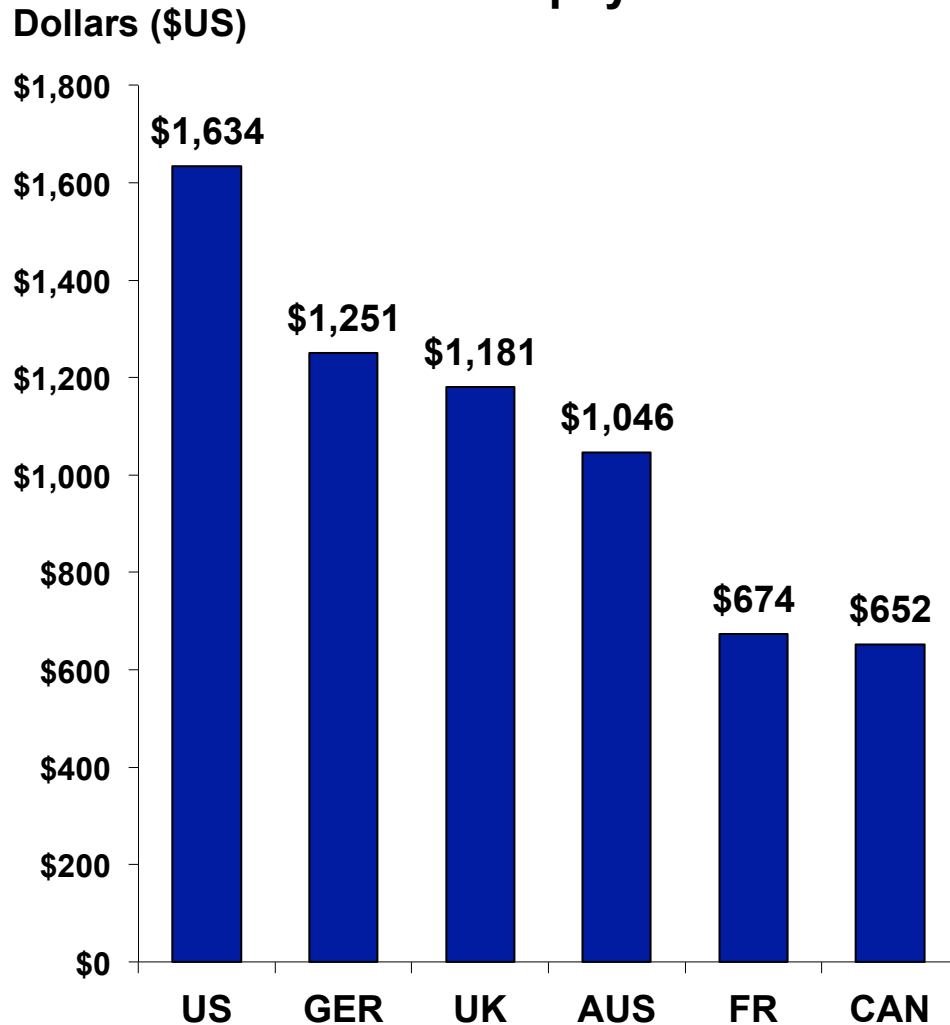
* 2010.

Source: OECD Health Data 2013.

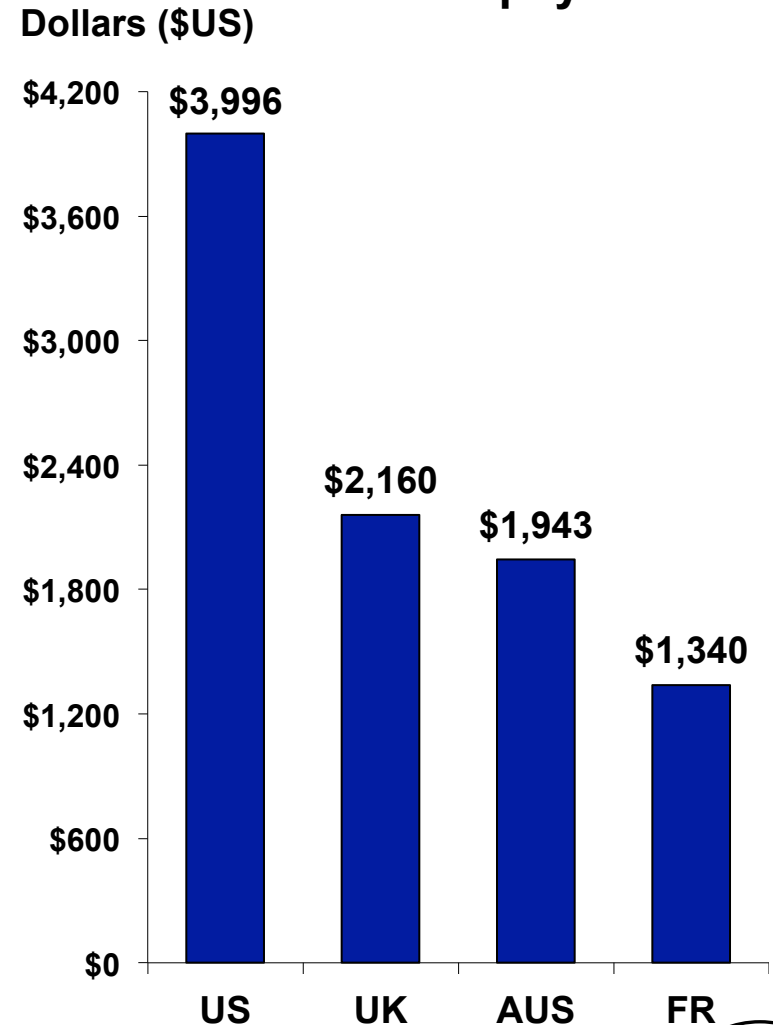
Physician Fee for Hip Replacement, 2008

Adjusted for Differences in Cost of Living

Public payers



Private payers



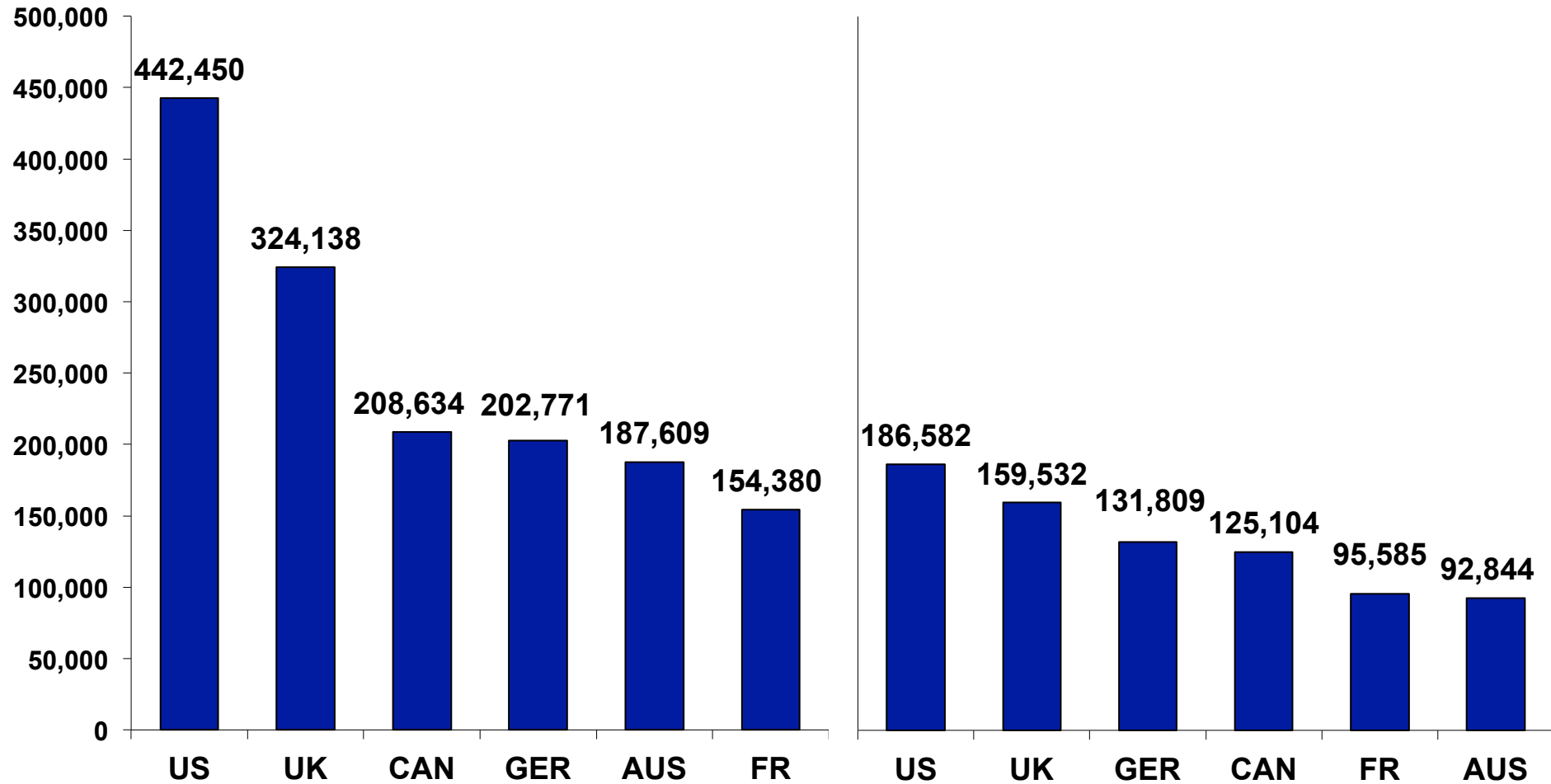
Physician Incomes, 2008

Adjusted for Differences in Cost of Living

Dollars (\$US)

Orthopedic surgeons

Primary care doctors



Source: M. J. Laugesen and S. A. Glied, "Higher Fees Paid to U.S. Physicians Drive Higher Spending for Physician Services Compared to Other Countries," *Health Affairs*, Sept. 2011 30(9):1647–56.

