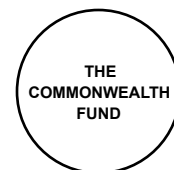




Multinational Comparisons of Health Systems Data, 2010

**Gerard F. Anderson and Patricia Markovich
Johns Hopkins University**

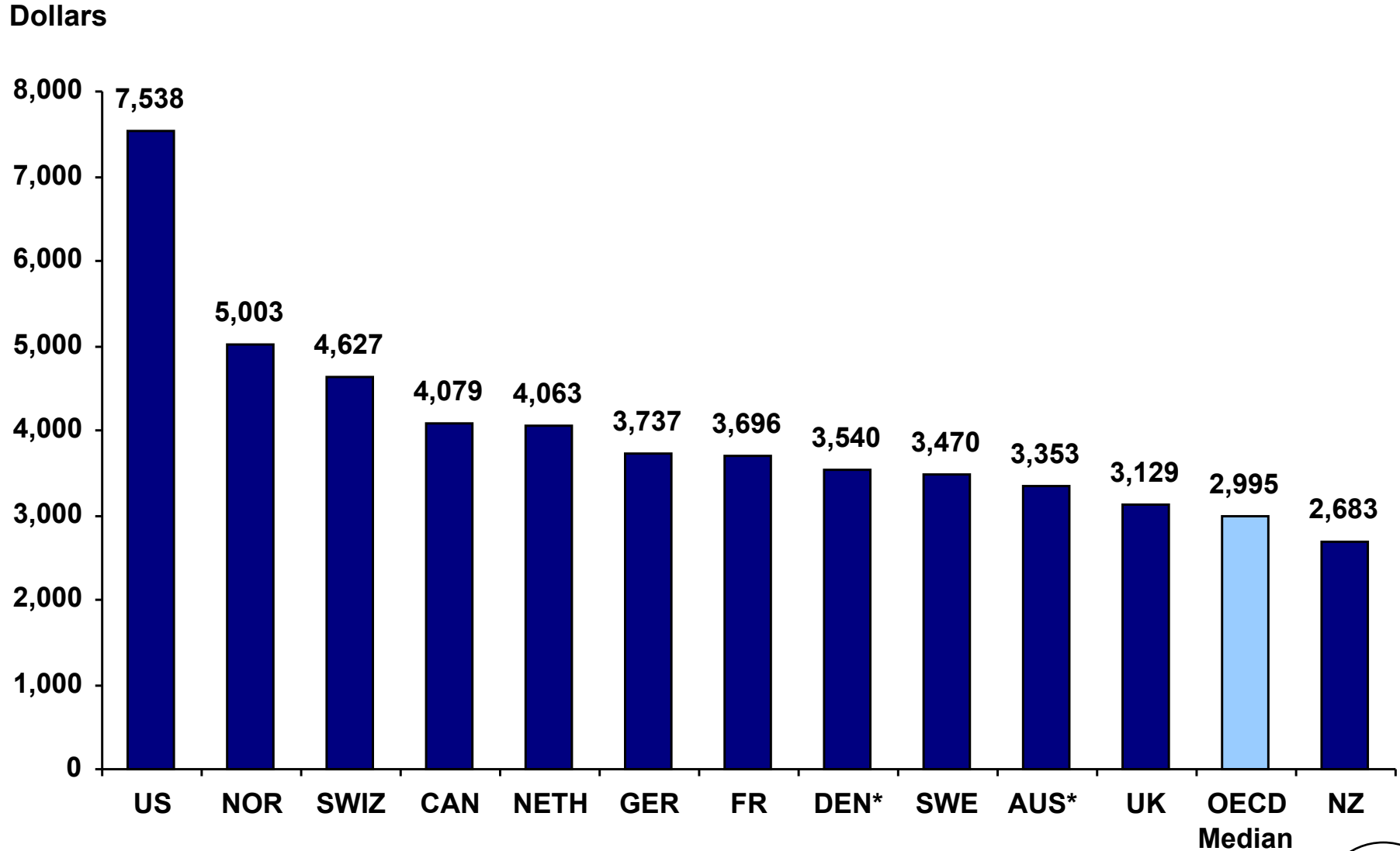
November 2010



Total Health Care Spending

Health Care Spending per Capita, 2008

Adjusted for Differences in Cost of Living

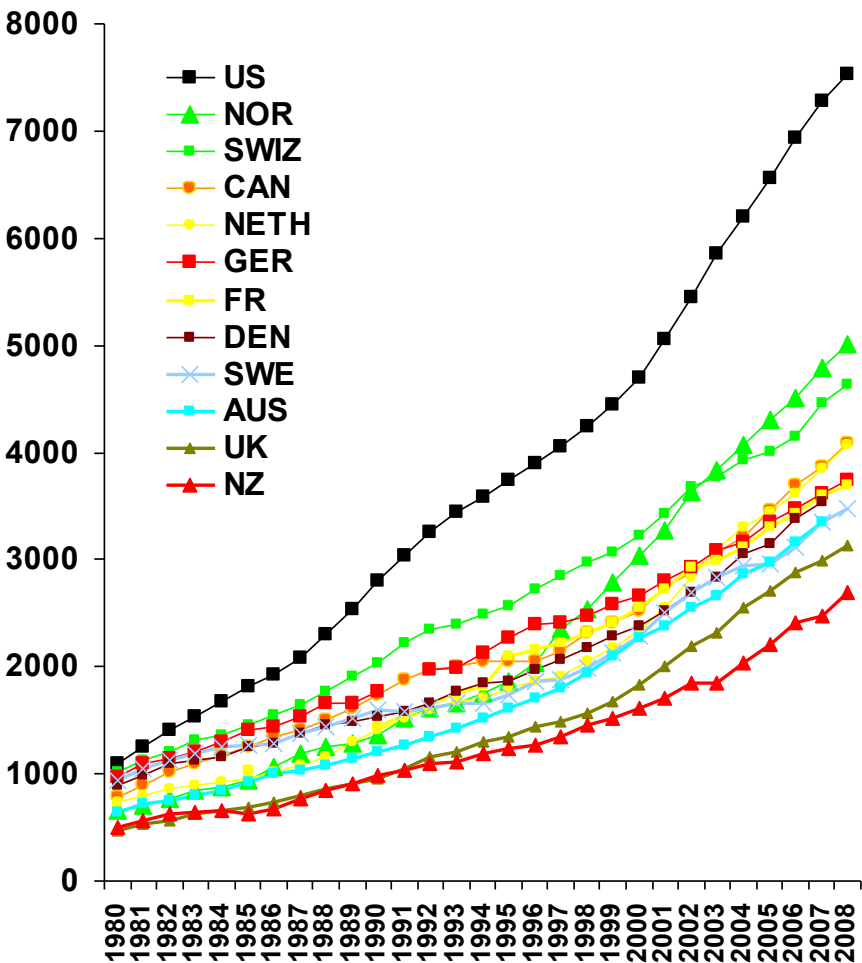


* 2007.

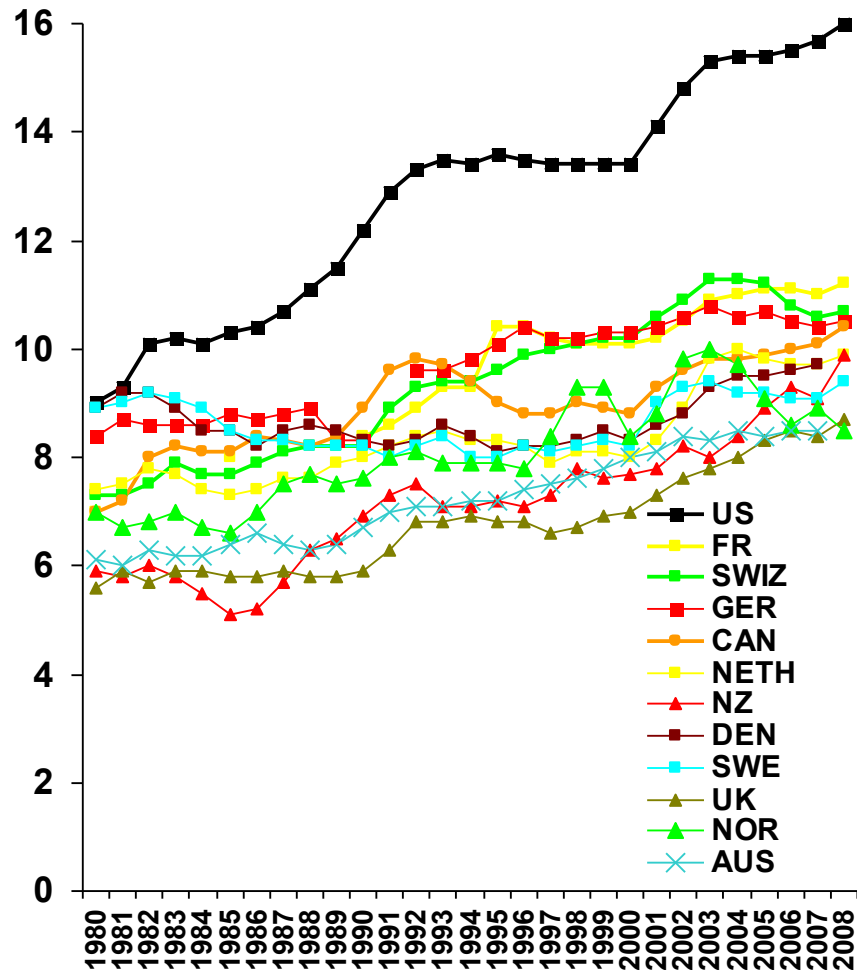
Source: OECD Health Data 2010 (Oct. 2010).

International Comparison of Spending on Health, 1980–2008

Average spending on health per capita (\$US PPP)



Total expenditures on health as percent of GDP

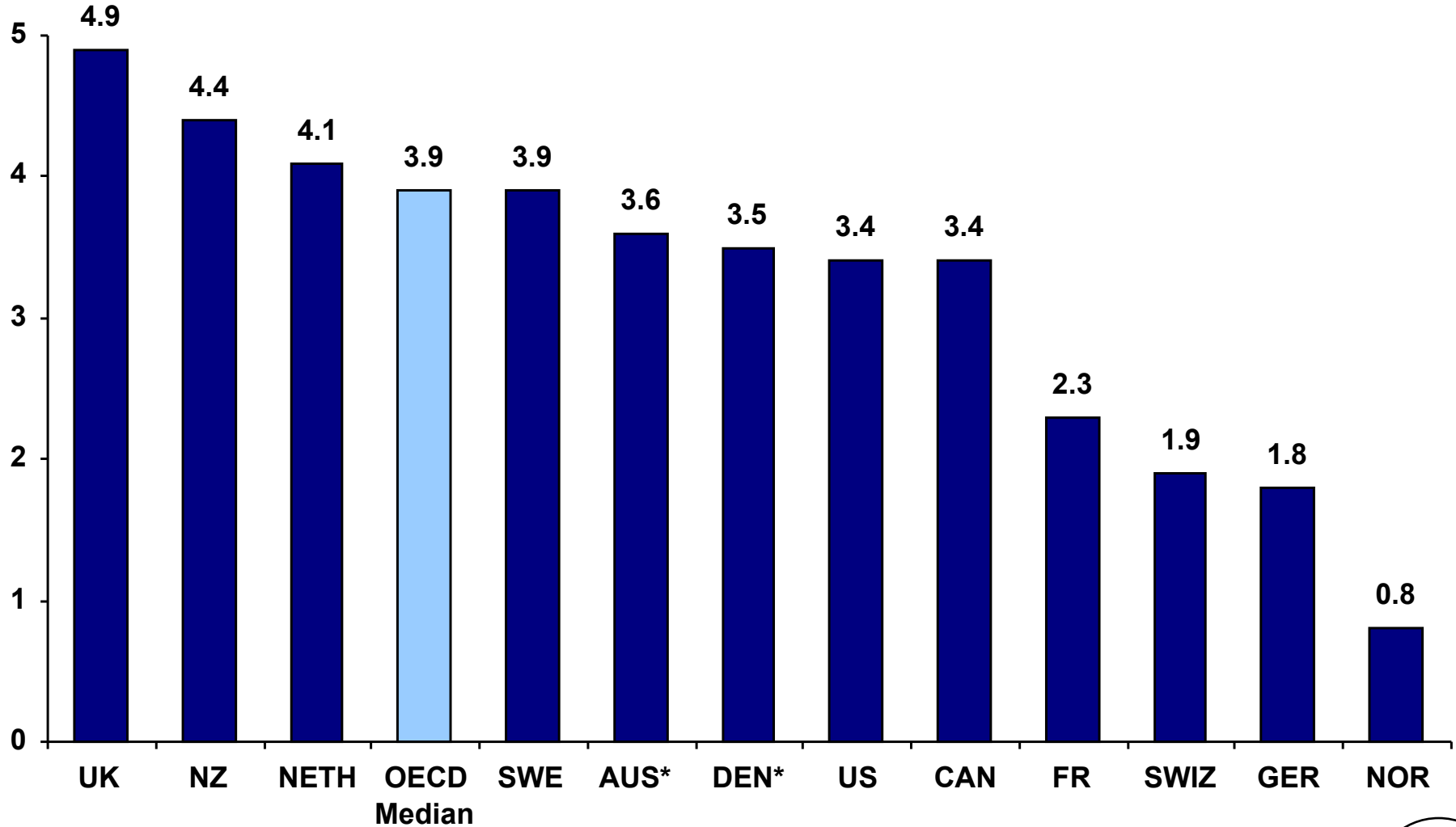


Source: OECD Health Data 2010 (Oct. 2010).



Average Annual Growth Rate of Real Health Care Spending per Capita, 1998–2008

Percent

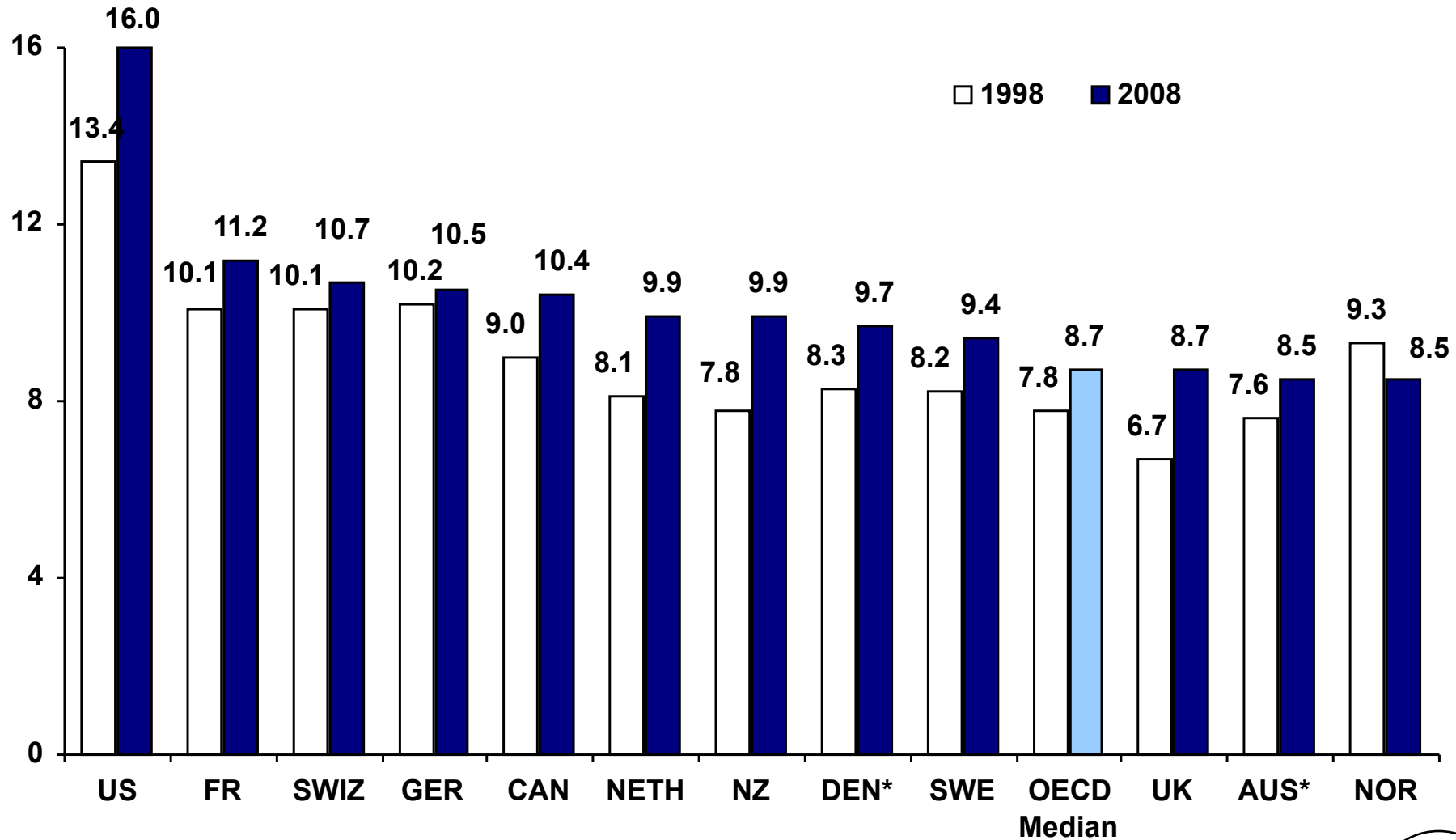


* 1997–2007.

Source: OECD Health Data 2010 (Oct. 2010).

Percentage of Gross Domestic Product Spent on Health Care, 1998 and 2008

Percent

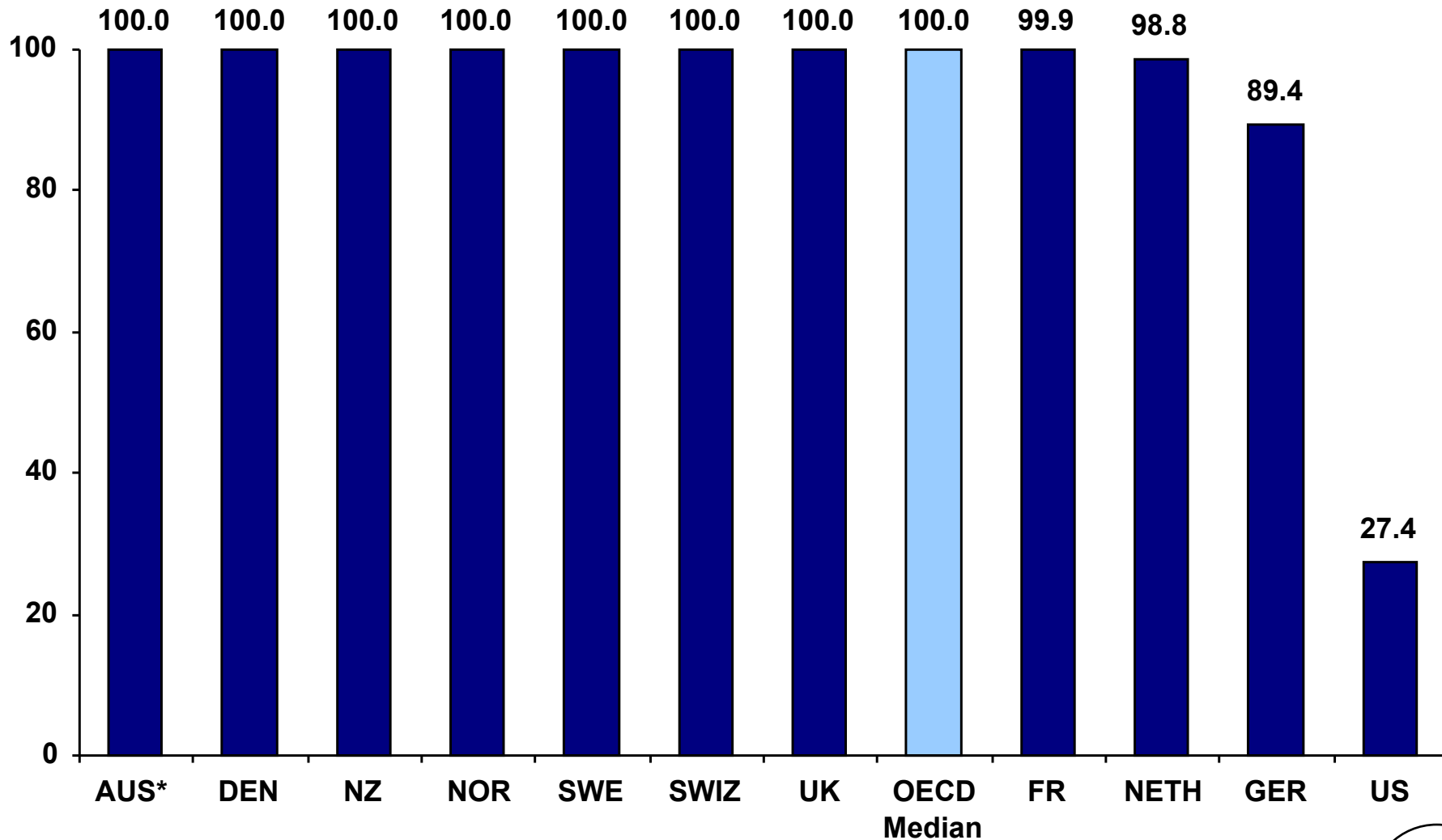


* 2007.

Source: OECD Health Data 2010 (Oct. 2010).

Percentage of Population with Health Insurance Coverage Through Public Programs, 2008

Percent



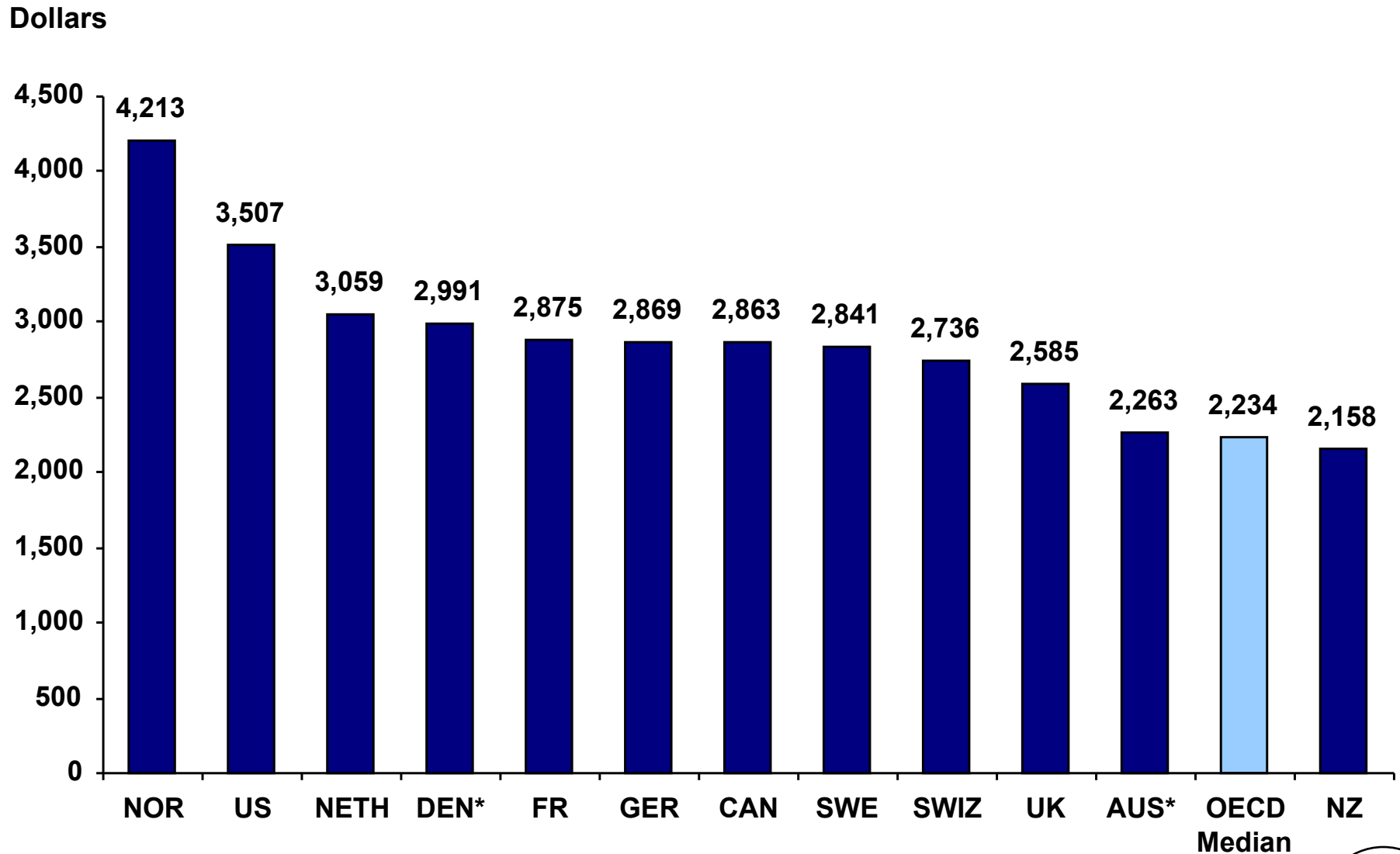
* 2007.

Source: OECD Health Data 2010 (Oct. 2010).



Public Spending on Health Care per Capita, 2008

Adjusted for Differences in Cost of Living

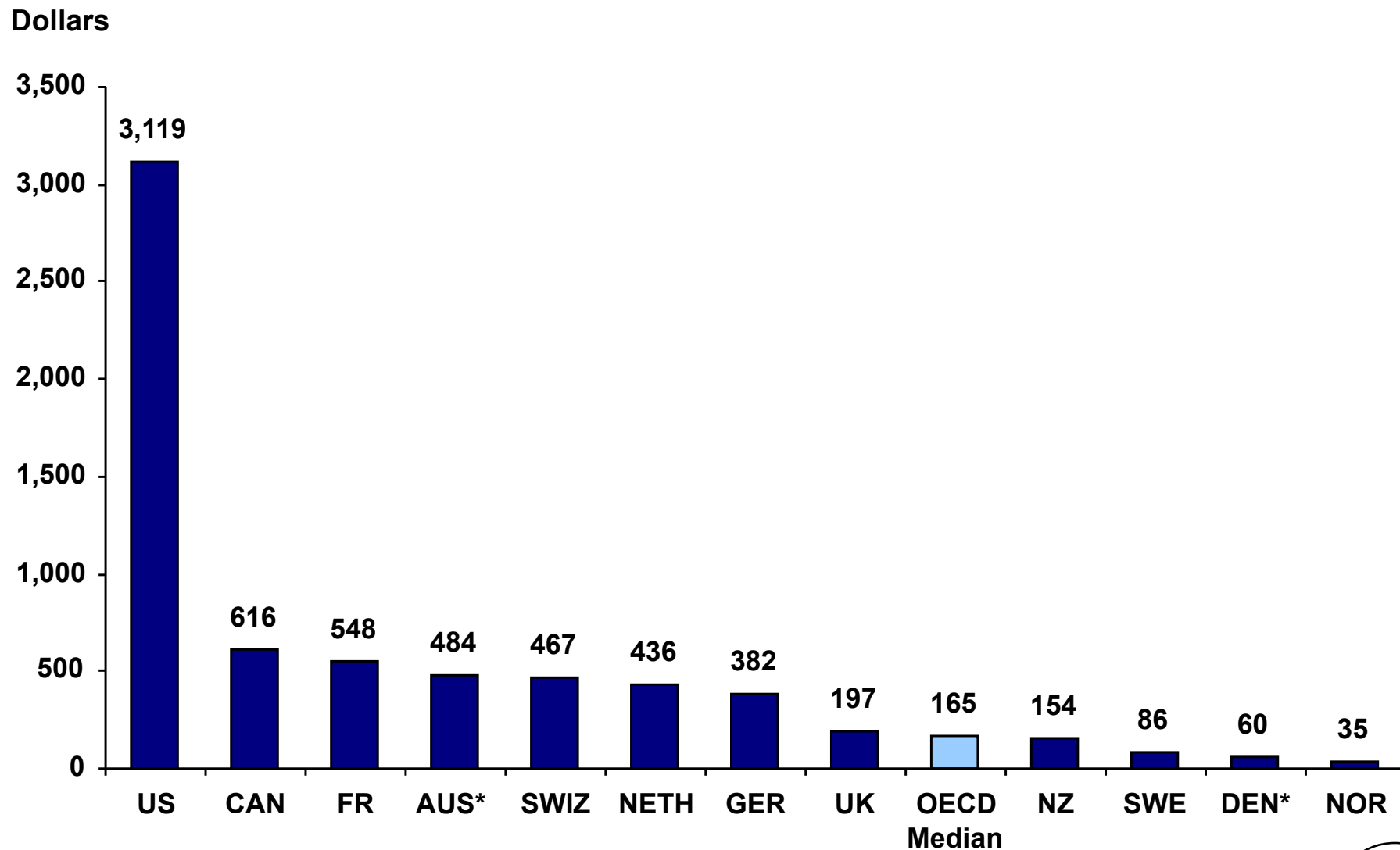


* 2007.

Source: OECD Health Data 2010 (Oct. 2010).

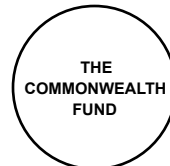
Private Spending on Health Care per Capita, 2008

Excluding Out-of-Pocket Spending, Adjusted for Differences in the Cost of Living



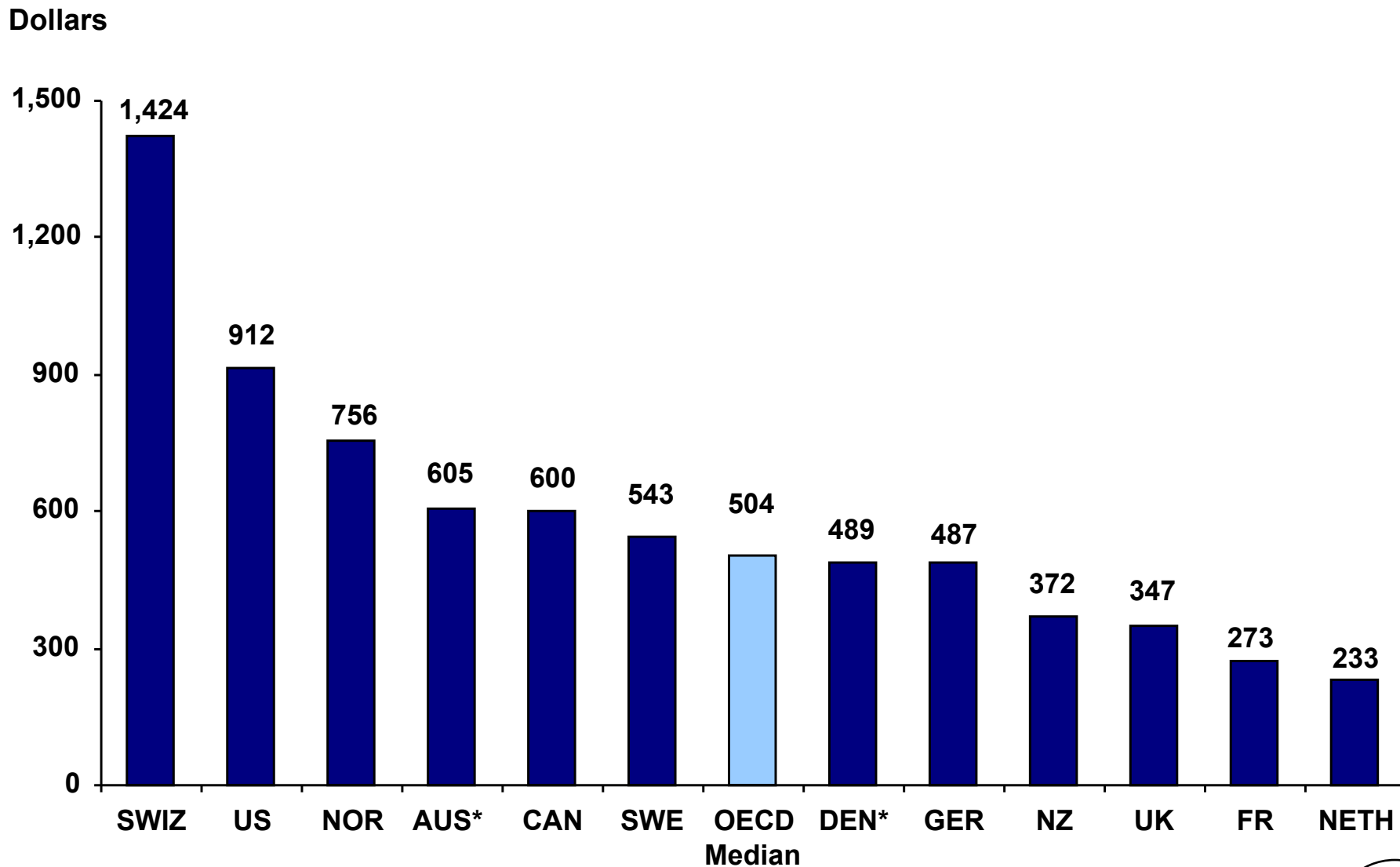
* 2007.

Source: OECD Health Data 2010 (Oct. 2010).



Out-of-Pocket Health Care Spending per Capita, 2008

Adjusted for Differences in Cost of Living



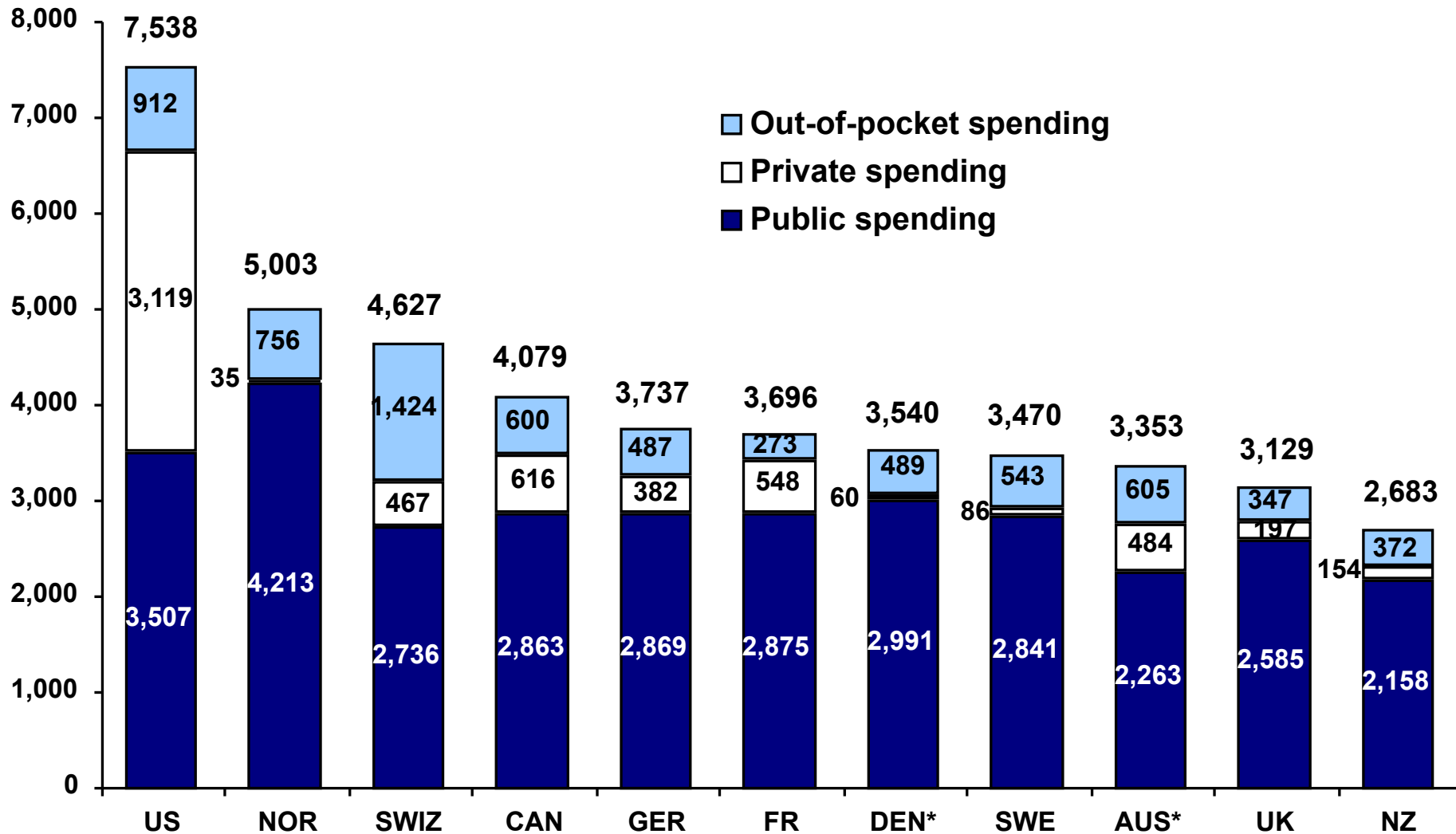
* 2007.

Source: OECD Health Data 2010 (Oct. 2010).

Health Care Expenditure per Capita by Source of Funding, 2008

Adjusted for Differences in Cost of Living

Dollars



* 2007.

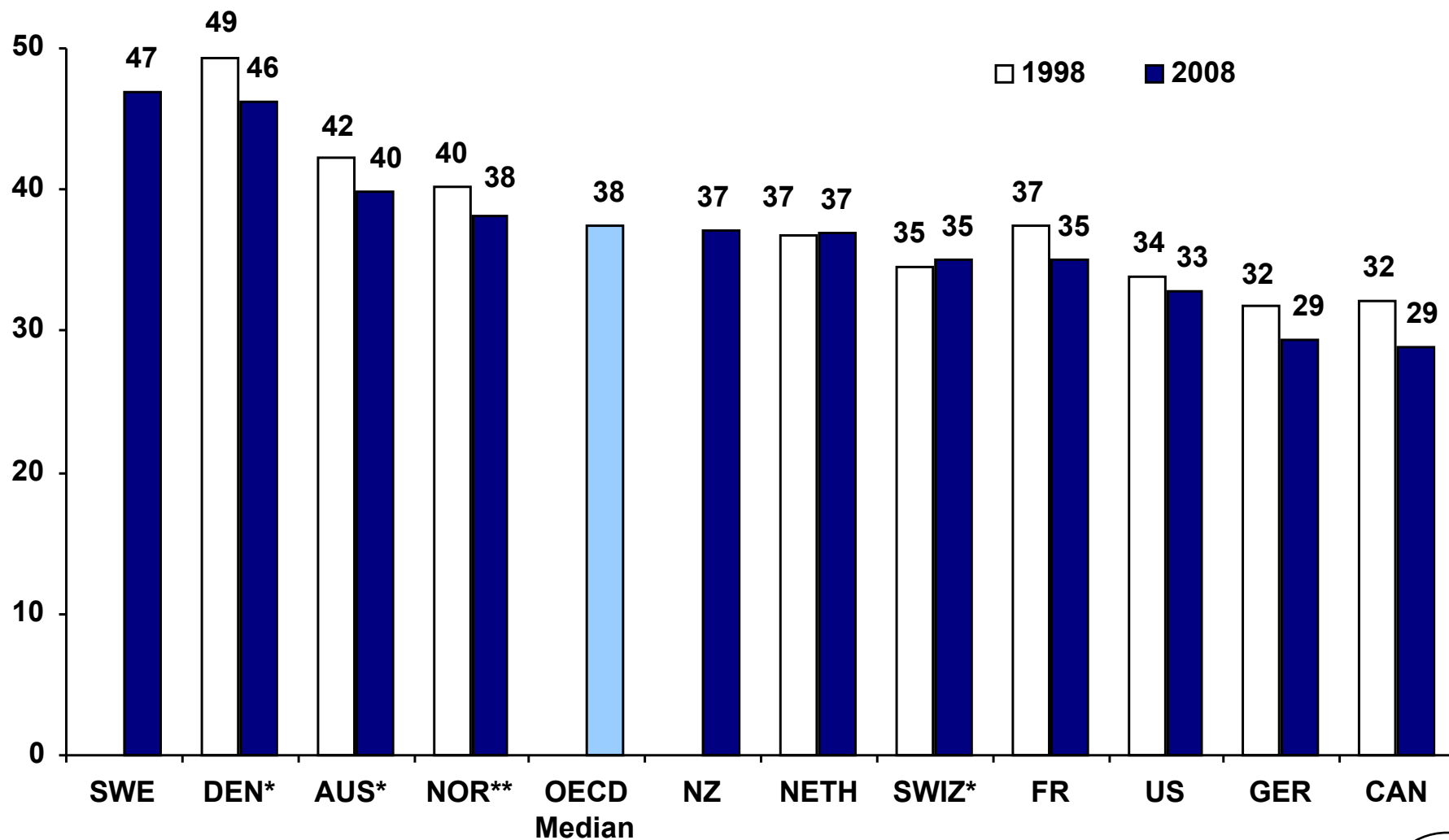
Source: OECD Health Data 2010 (Oct. 2010).



Hospitals

Percentage of Total Health Care Spending on Hospital Services, 1998 and 2008

Percent



* 2007.

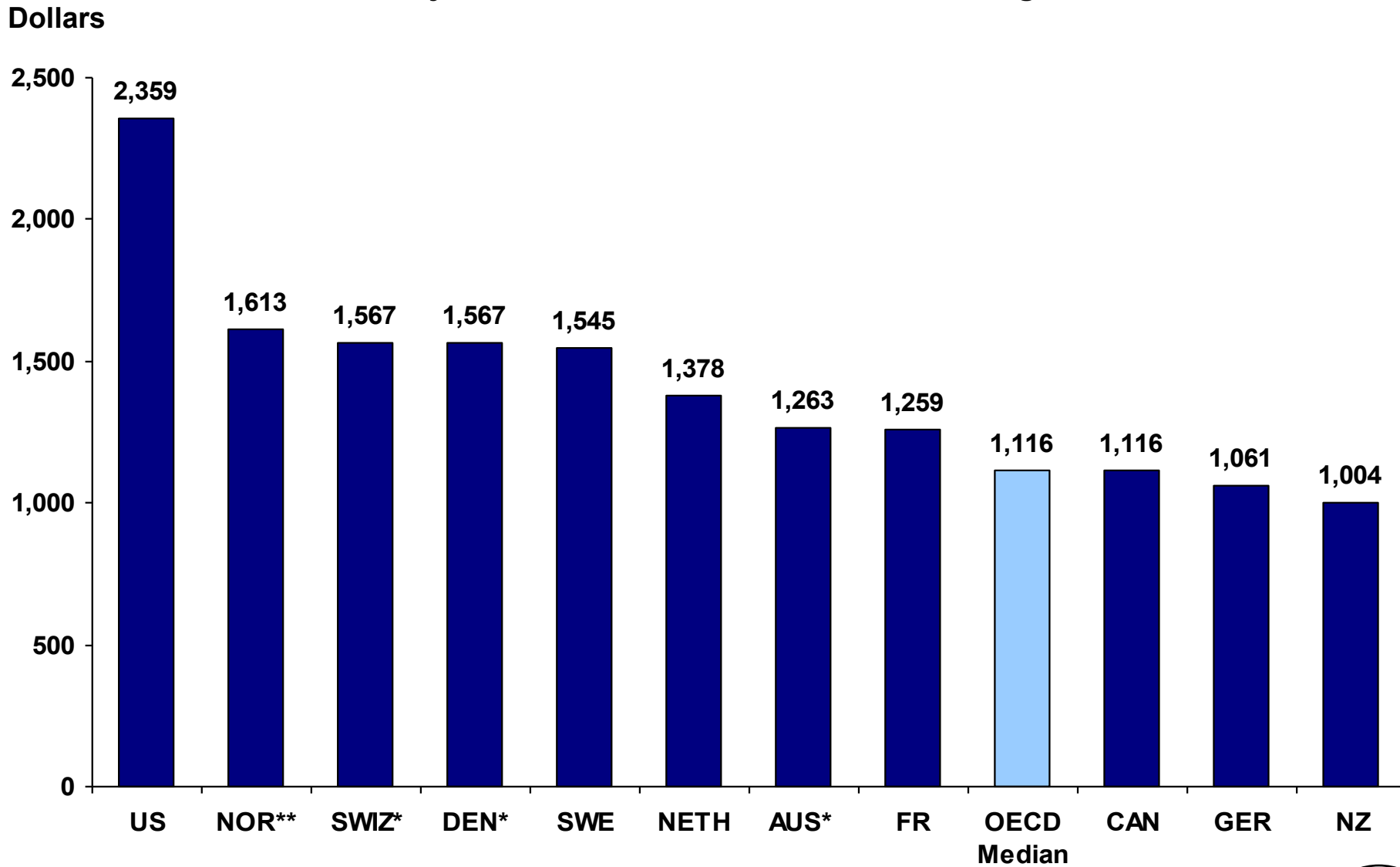
** 2006.

Source: OECD Health Data 2010 (Oct. 2010).



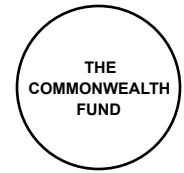
Spending on Hospital Services per Capita, 2008

Adjusted for Differences in Cost of Living



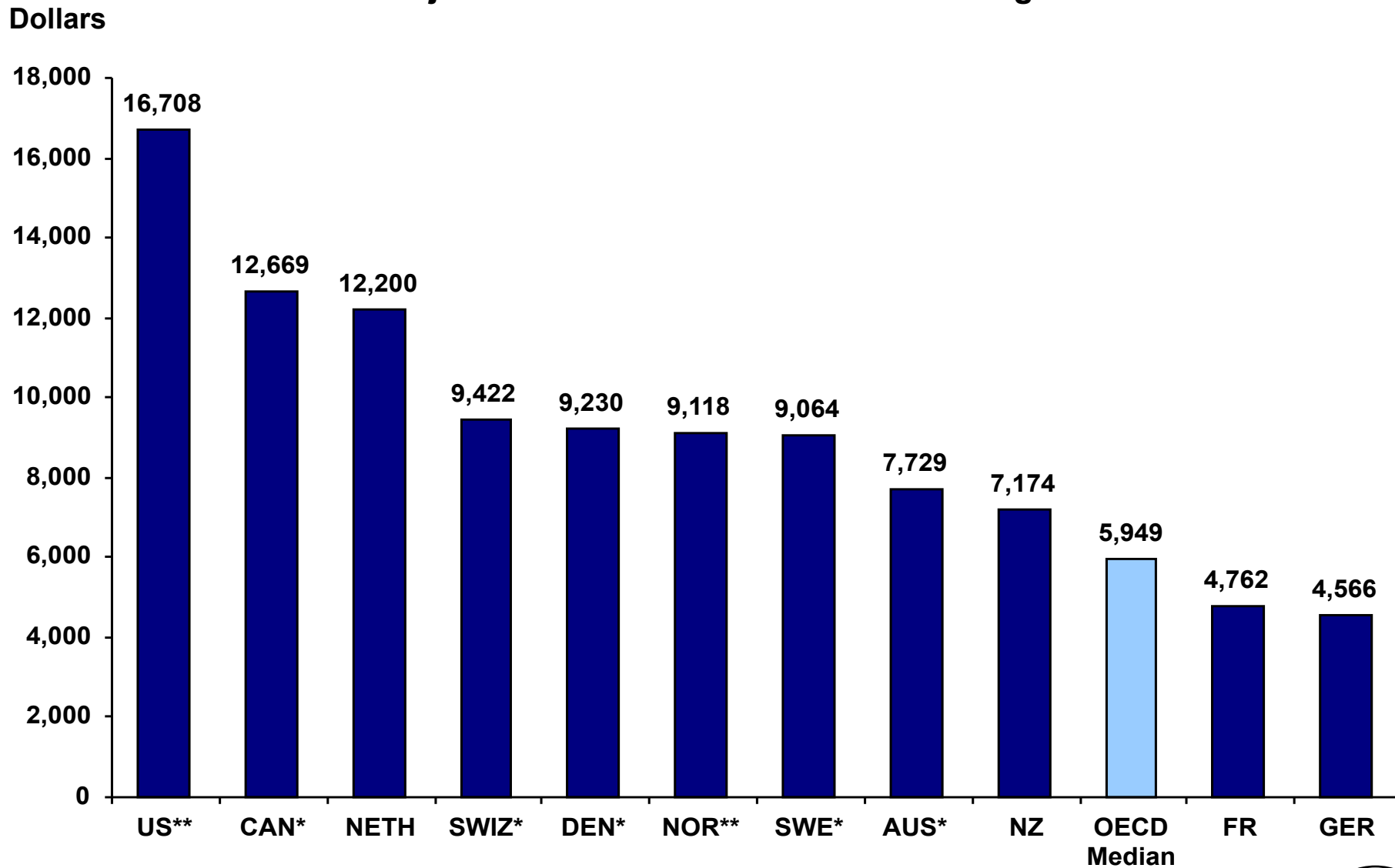
* 2007.

Source: OECD Health Data 2010 (Oct. 2010).



Hospital Spending per Discharge, 2008

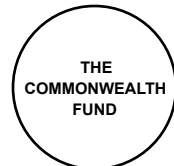
Adjusted for Differences in Cost of Living



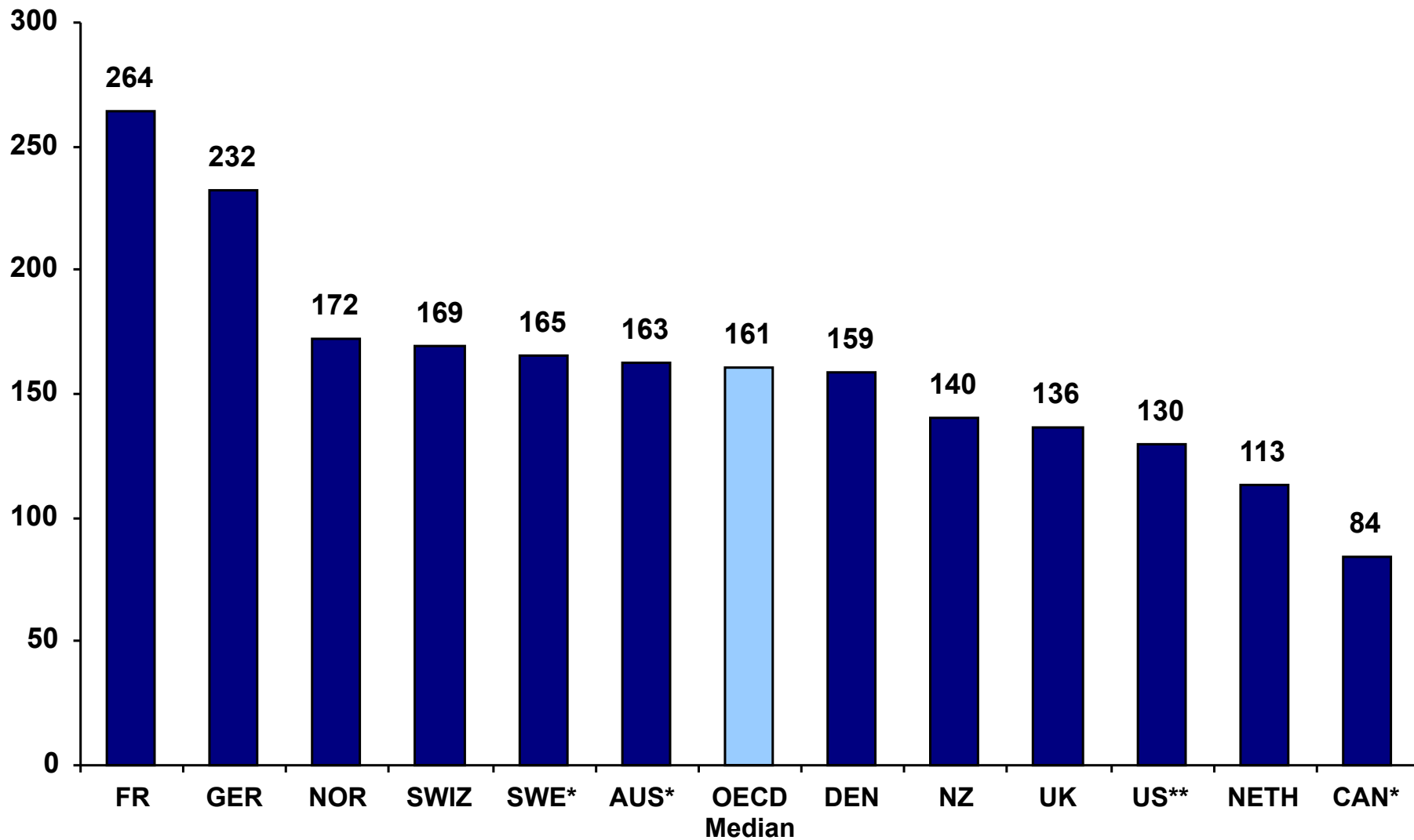
* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).



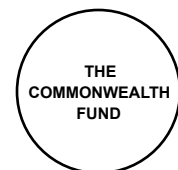
Hospital Discharges per 1,000 Population, 2008



* 2007.

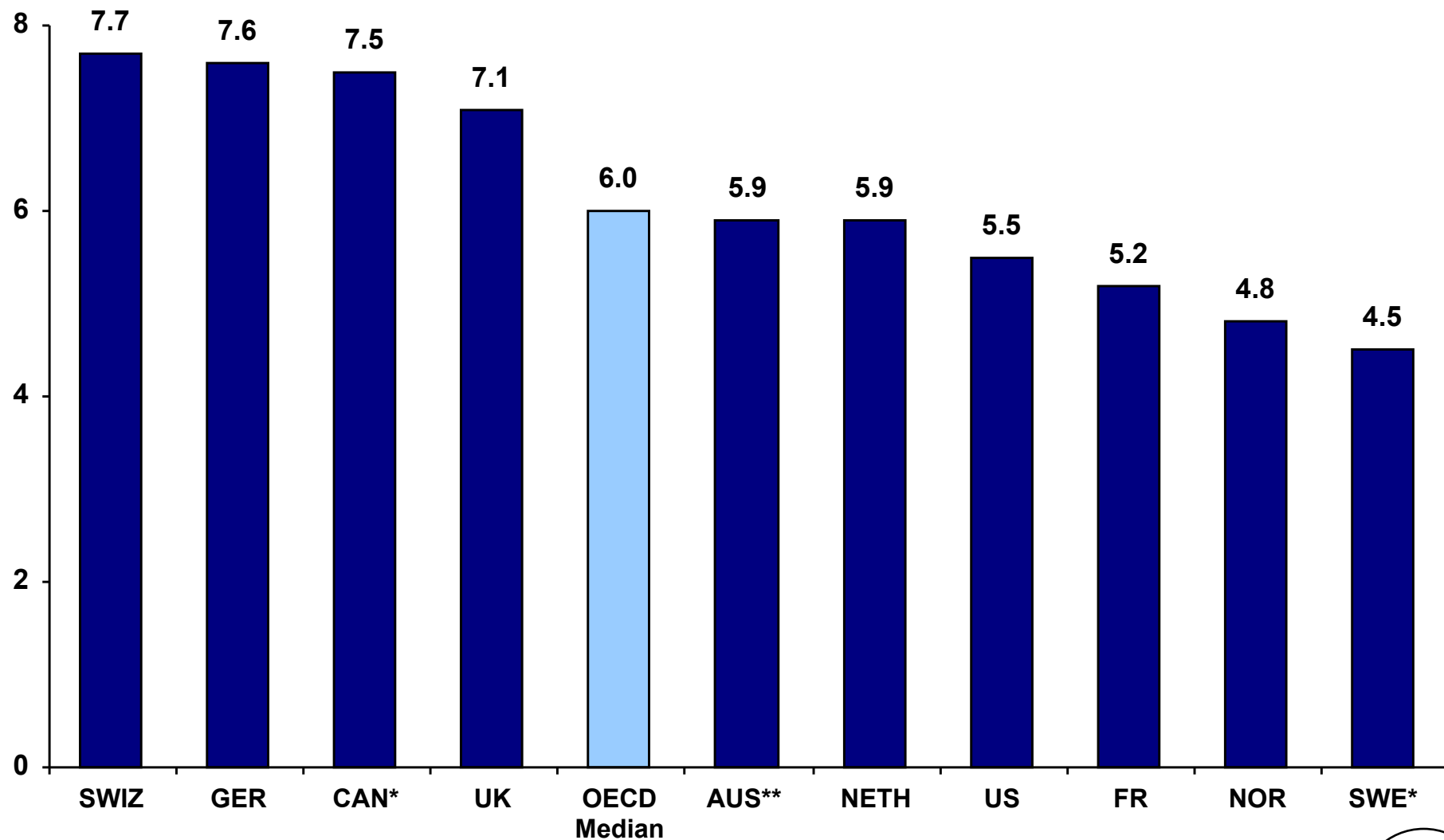
** 2006.

Source: OECD Health Data 2010 (Oct. 2010).



Average Length of Stay for Acute Care, 2008

Days



* 2007.

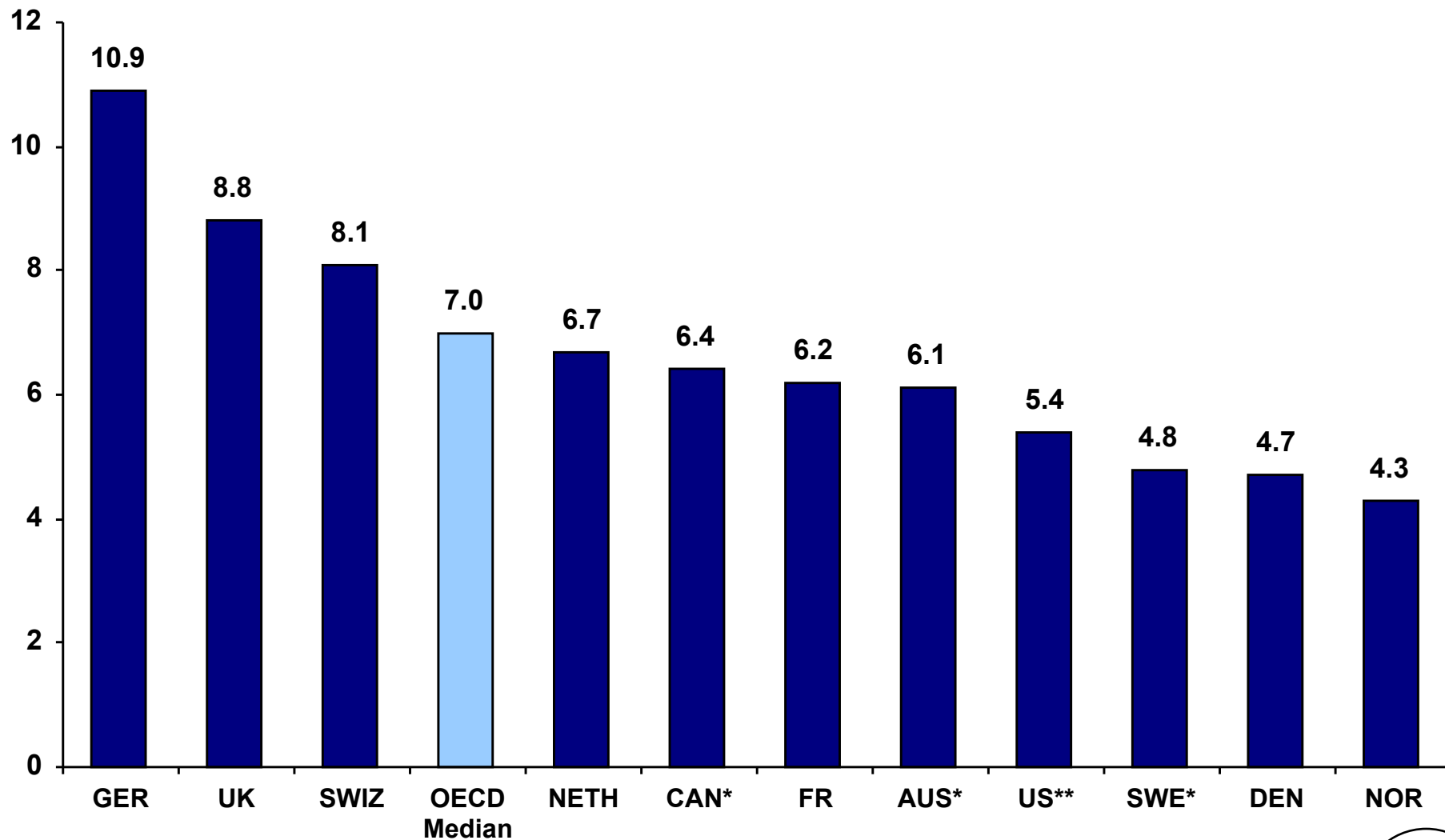
** 2006.

Source: OECD Health Data 2010 (Oct. 2010).



Average Length of Hospital Stay for Acute Myocardial Infarction, 2008¹⁸

Days



* 2007.

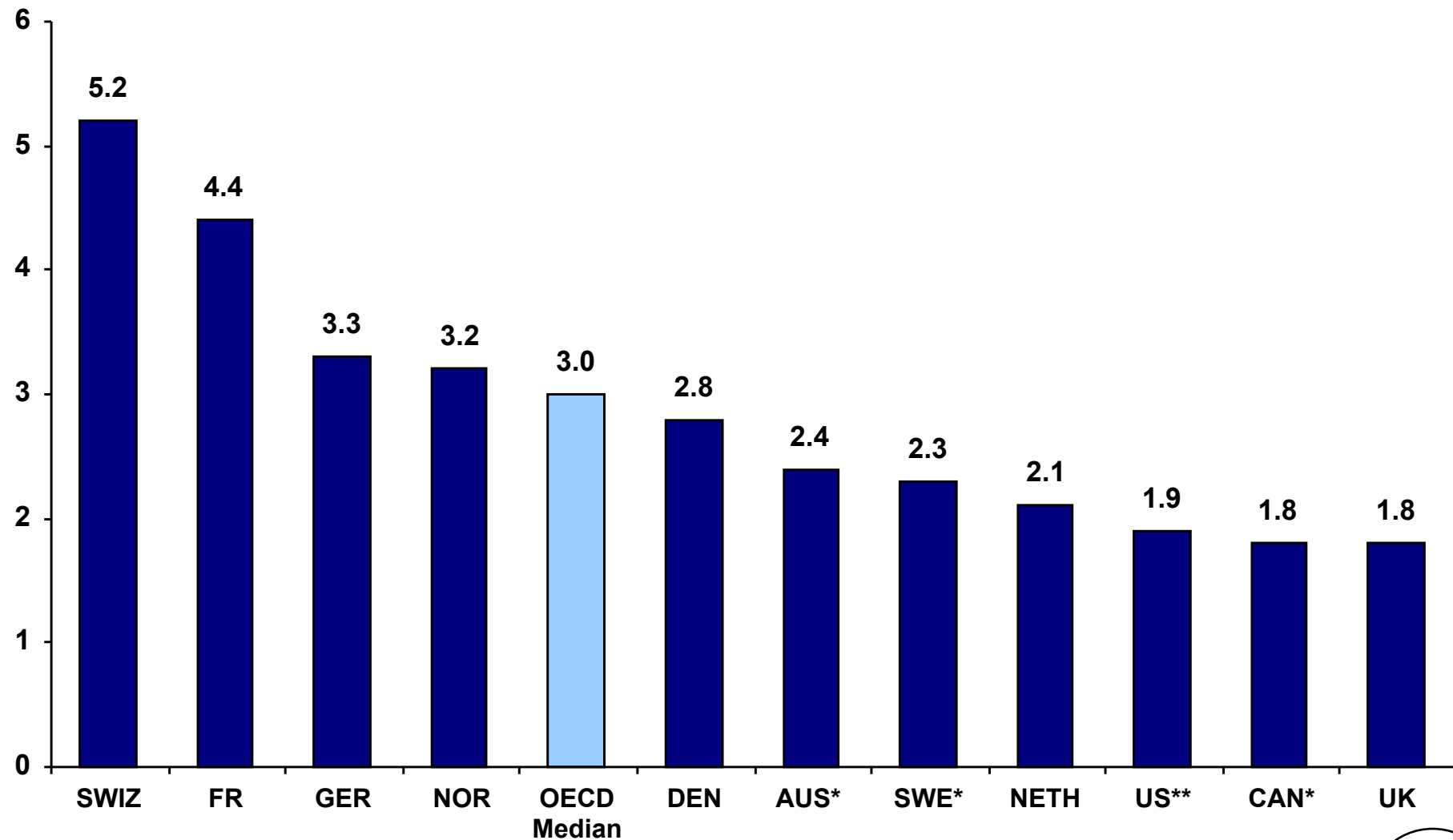
** 2006.

Source: OECD Health Data 2010 (Oct. 2010).



Average Length of Stay for Normal Birth Delivery, 2008

Days

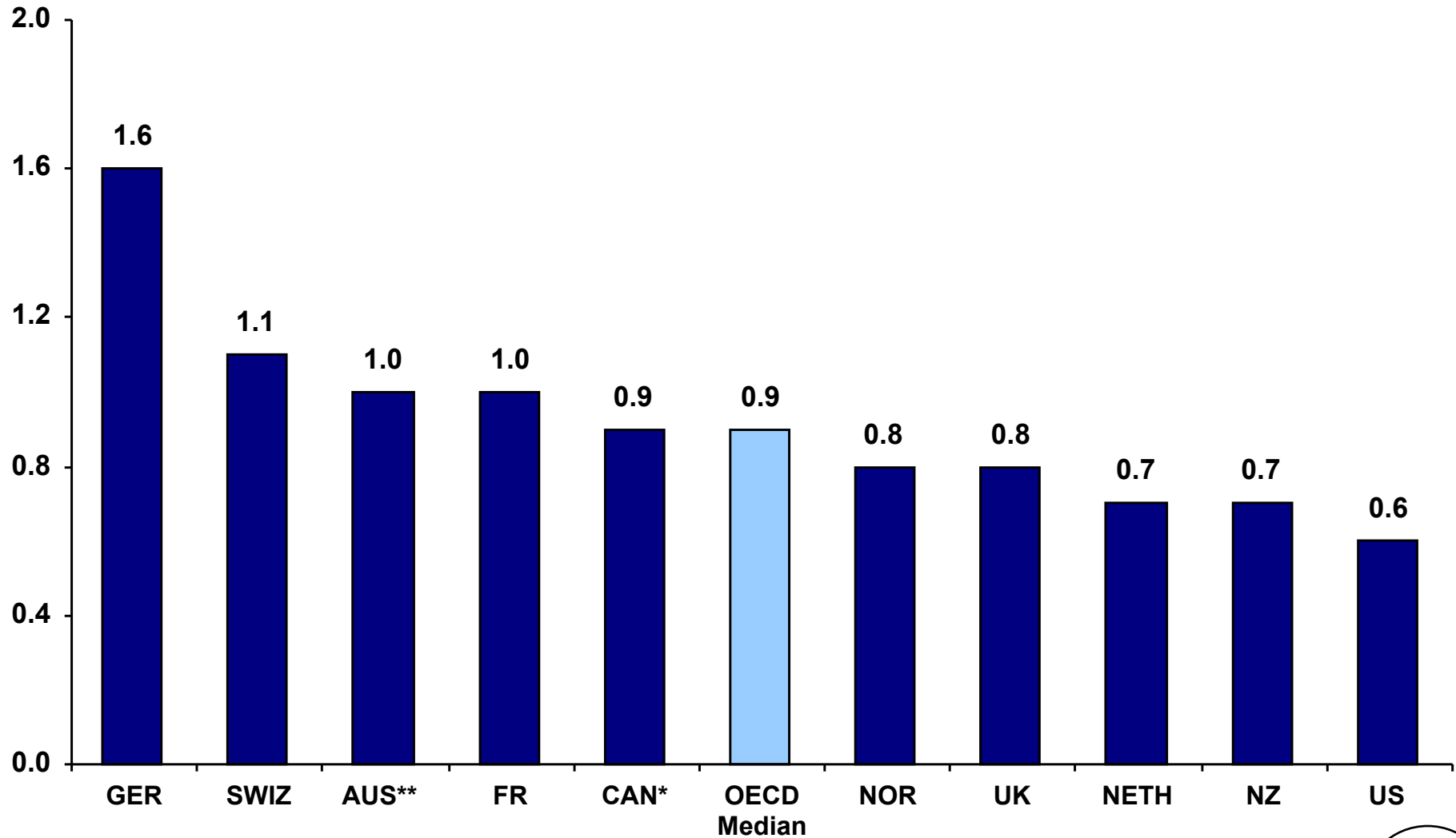


* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).

Average Annual Hospital Inpatient Acute Care Days per Capita, 2008

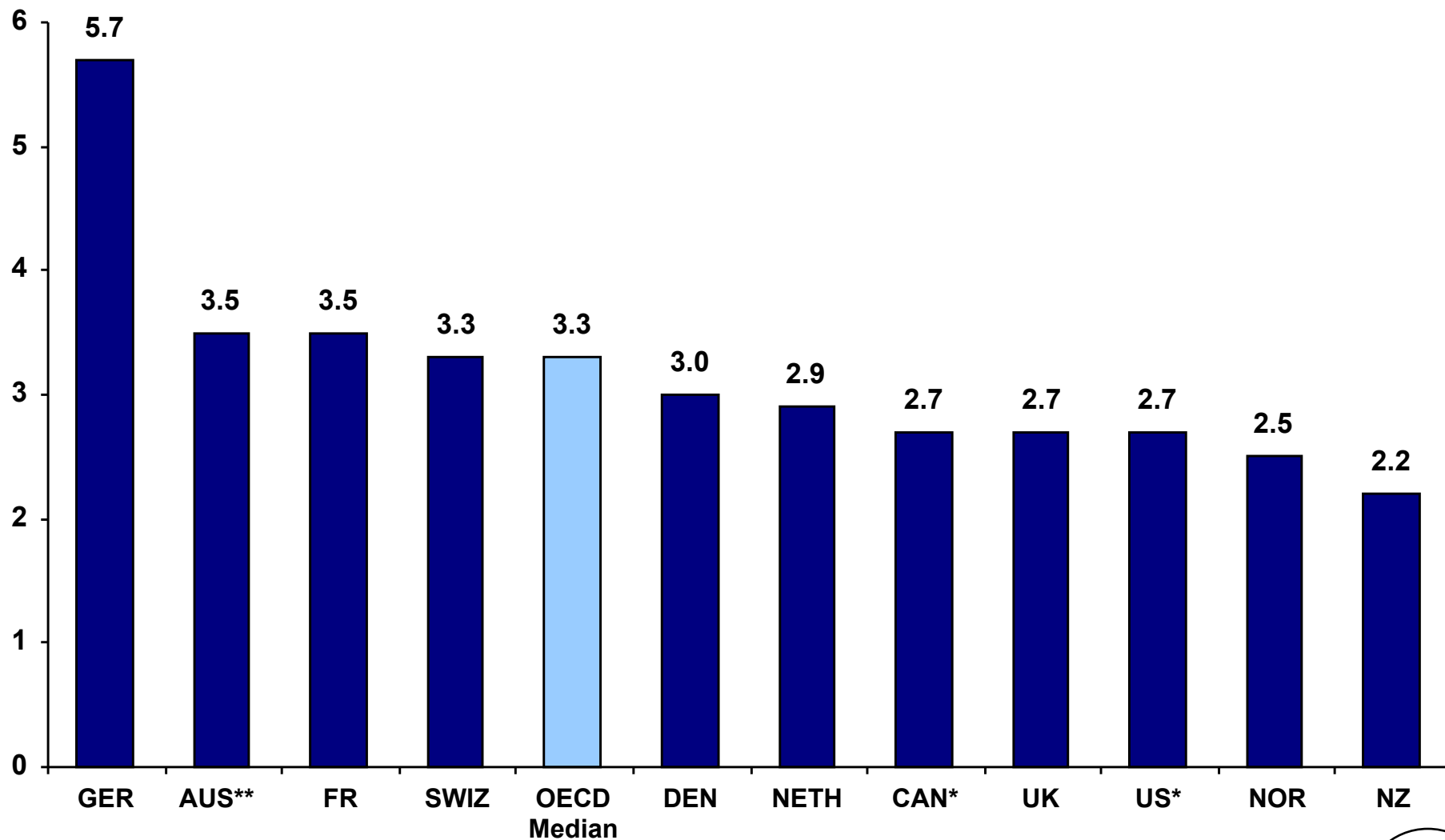


* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).

Number of Acute Care Hospital Beds per 1,000 Population, 2008



* 2007.

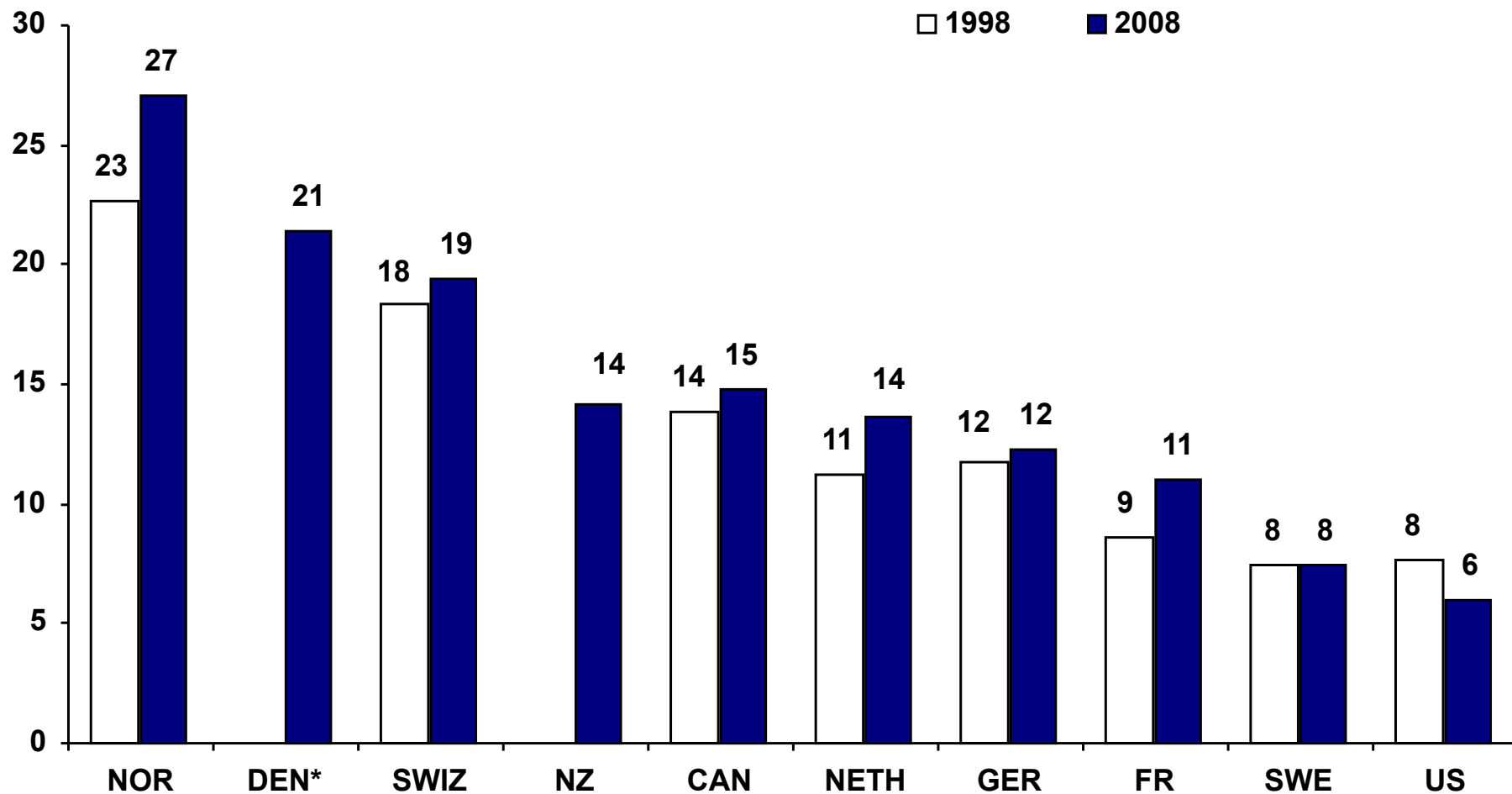
** 2006.

Source: OECD Health Data 2010 (Oct. 2010).

Home Health and Long-Term Care

Percentage of Total Health Care Spending on Long-Term Nursing Care, 1998 and 2008

Percent



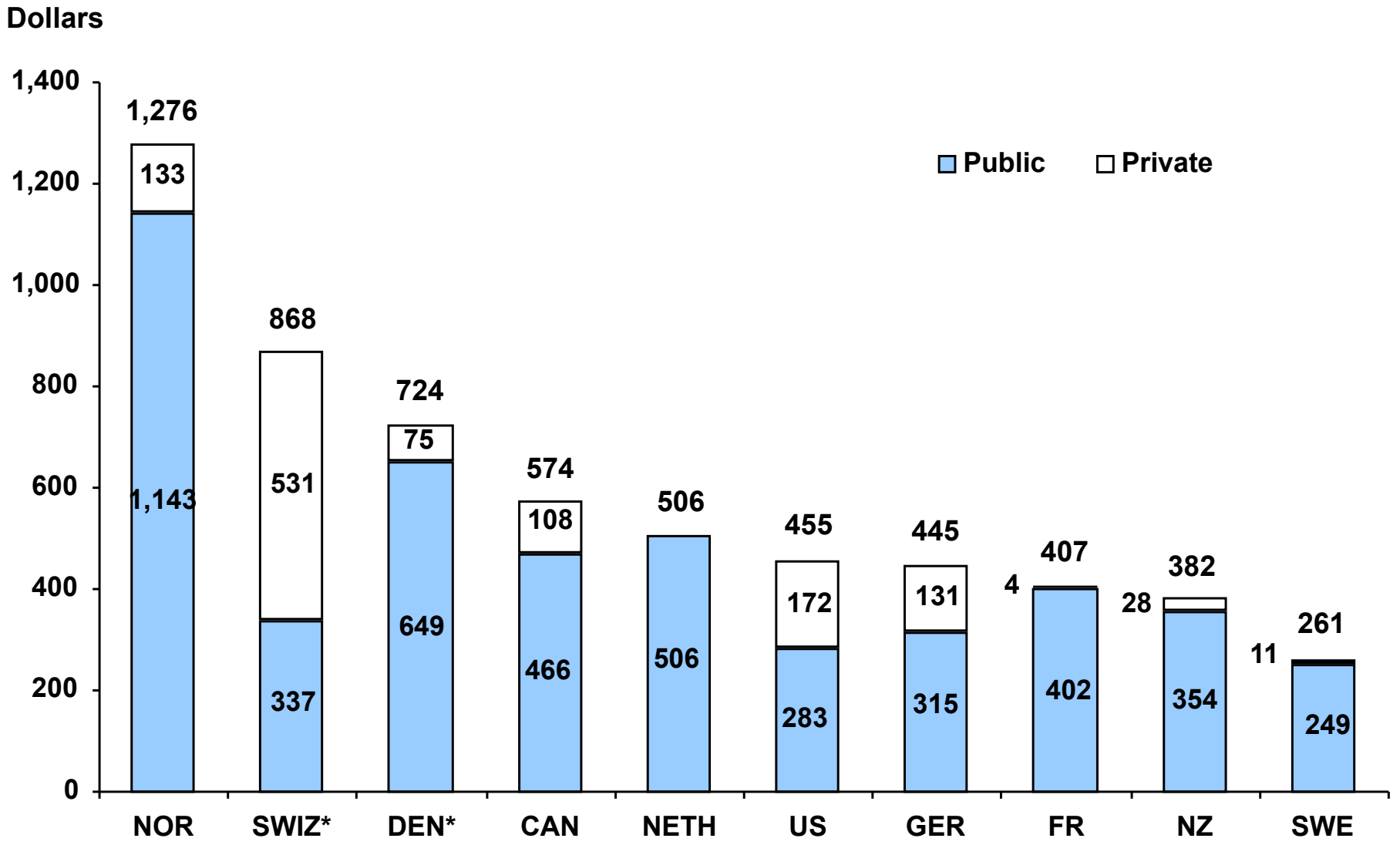
* 2007.

Source: OECD Health Data 2010 (Oct. 2010).



Long-Term Nursing Care Spending per Capita, 2008

Adjusted for Differences in Cost of Living



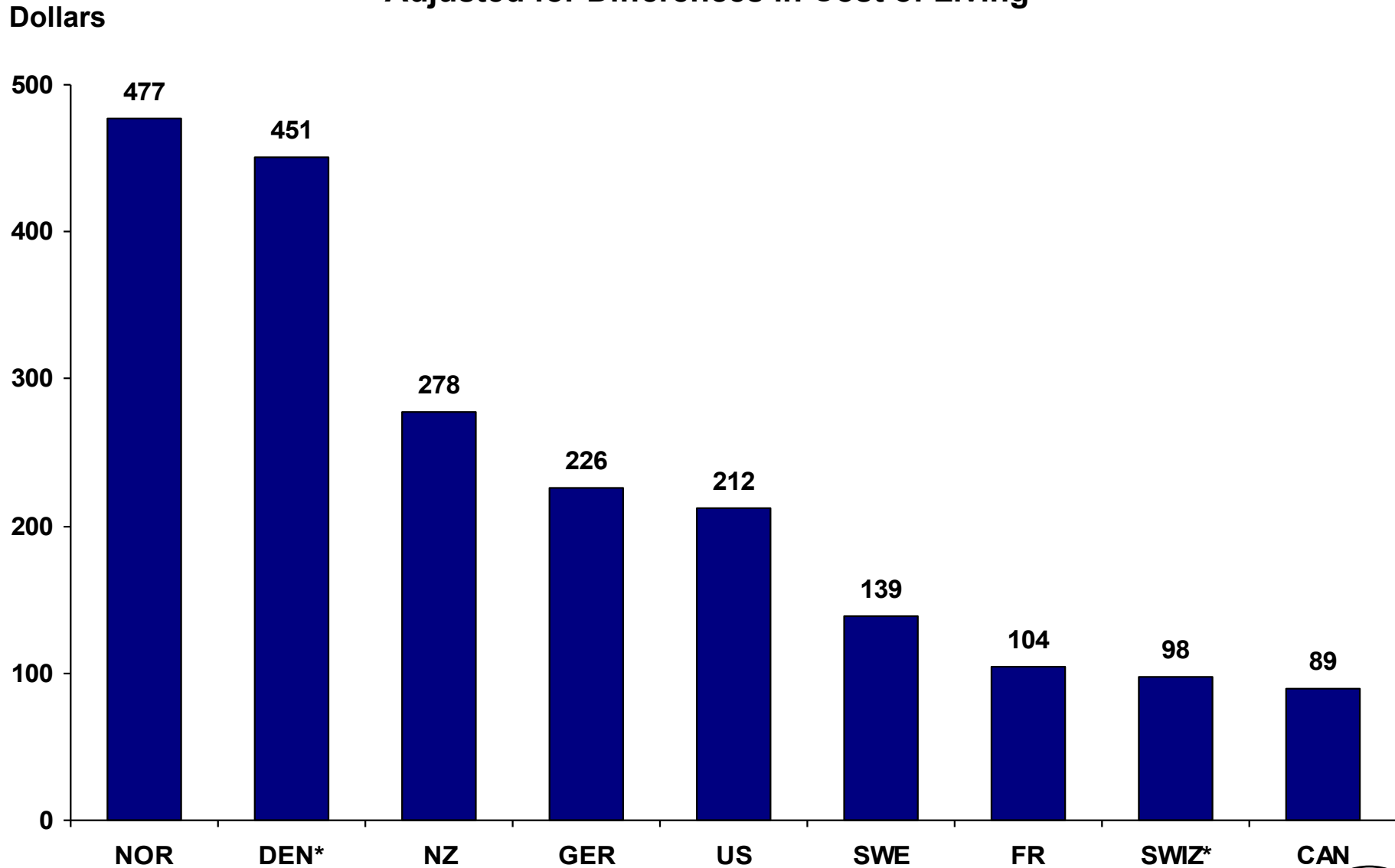
* 2007.

Source: OECD Health Data 2010 (Oct. 2010).



Home Health Care Spending per Capita, 2008

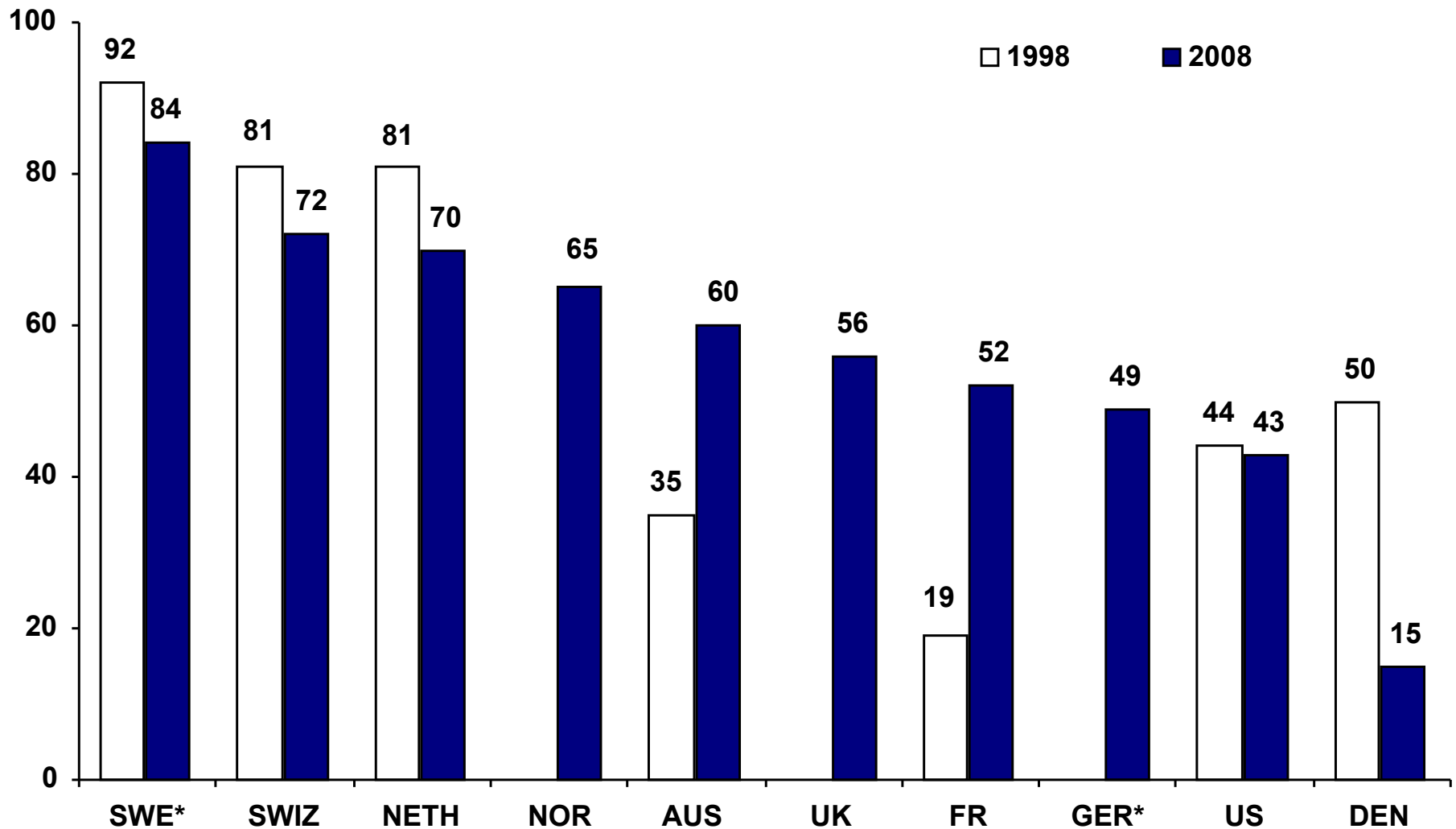
Adjusted for Differences in Cost of Living



* 2007.

Source: OECD Health Data 2010 (Oct. 2010).

Long-Term Care Beds in Nursing Homes per 1,000 Population Age 65 and Older, 1998 and 2008

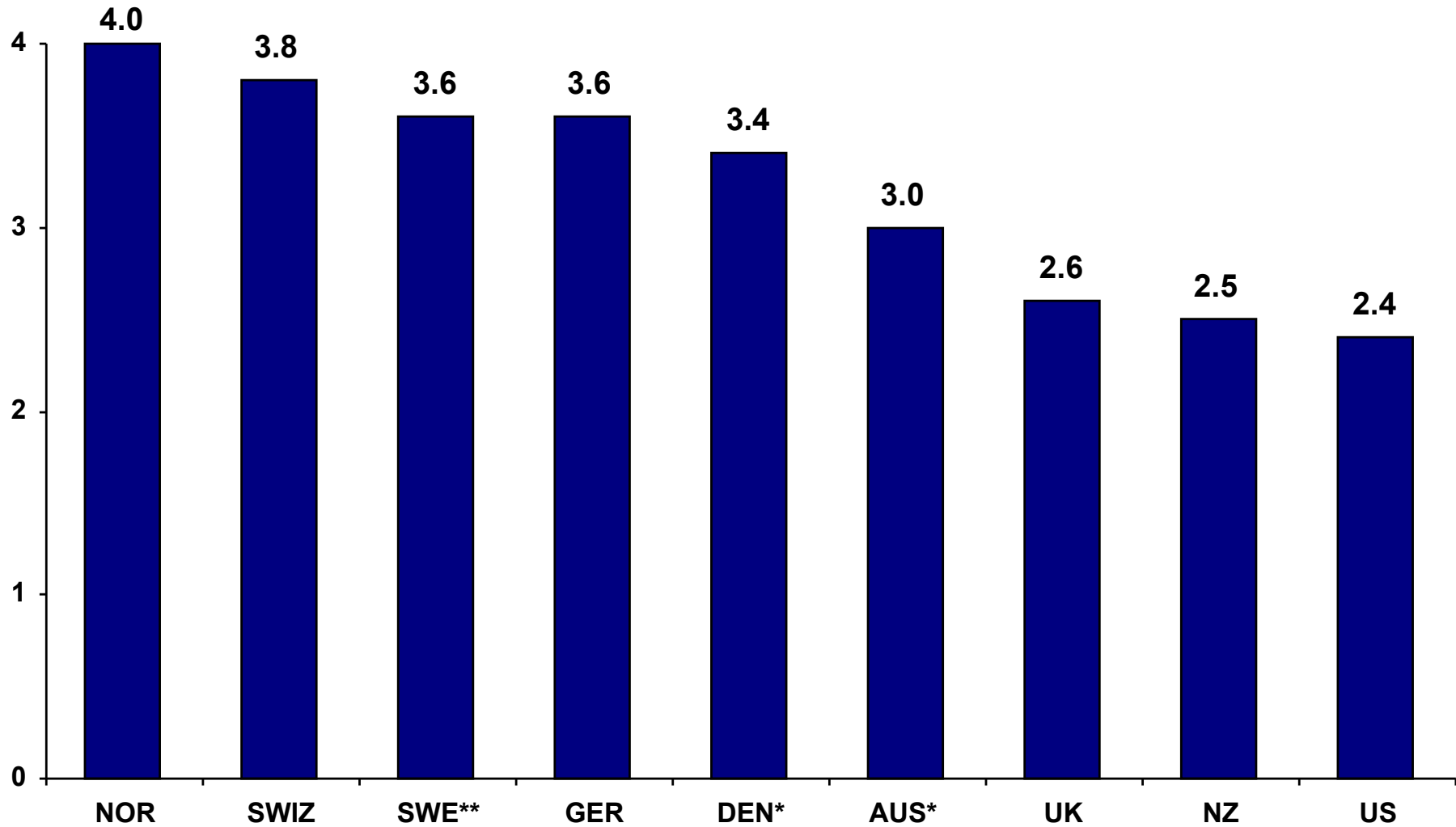


* 2007.

Source: OECD Health Data 2010 (Oct. 2010).

Health Care Professionals

Number of Practicing Physicians per 1,000 Population, 2008



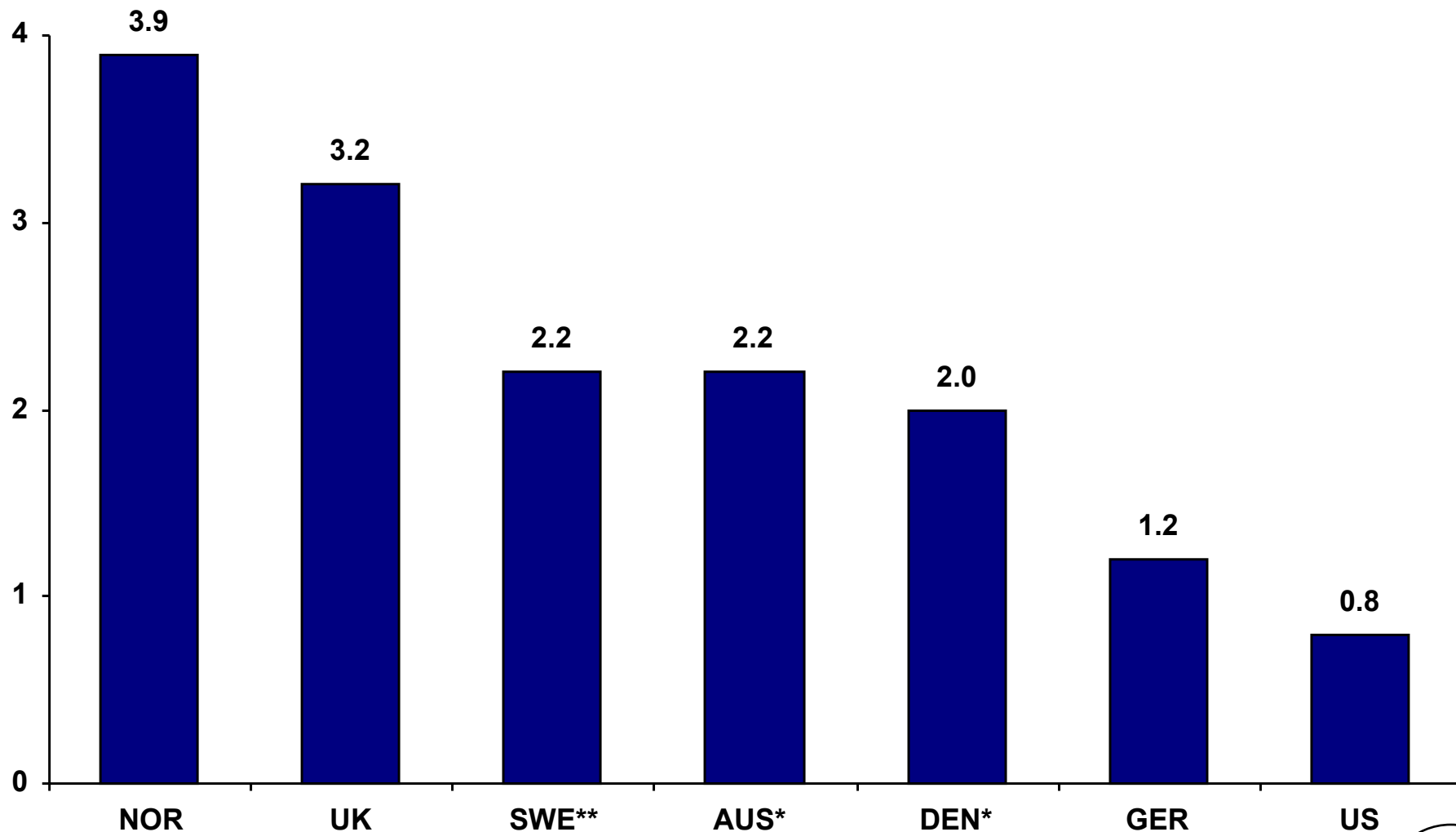
* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).

Average Annual Growth Rate of Practicing Physicians per 1,000 Population, 1998–2008

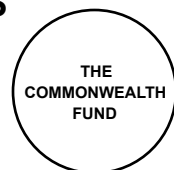
Percent



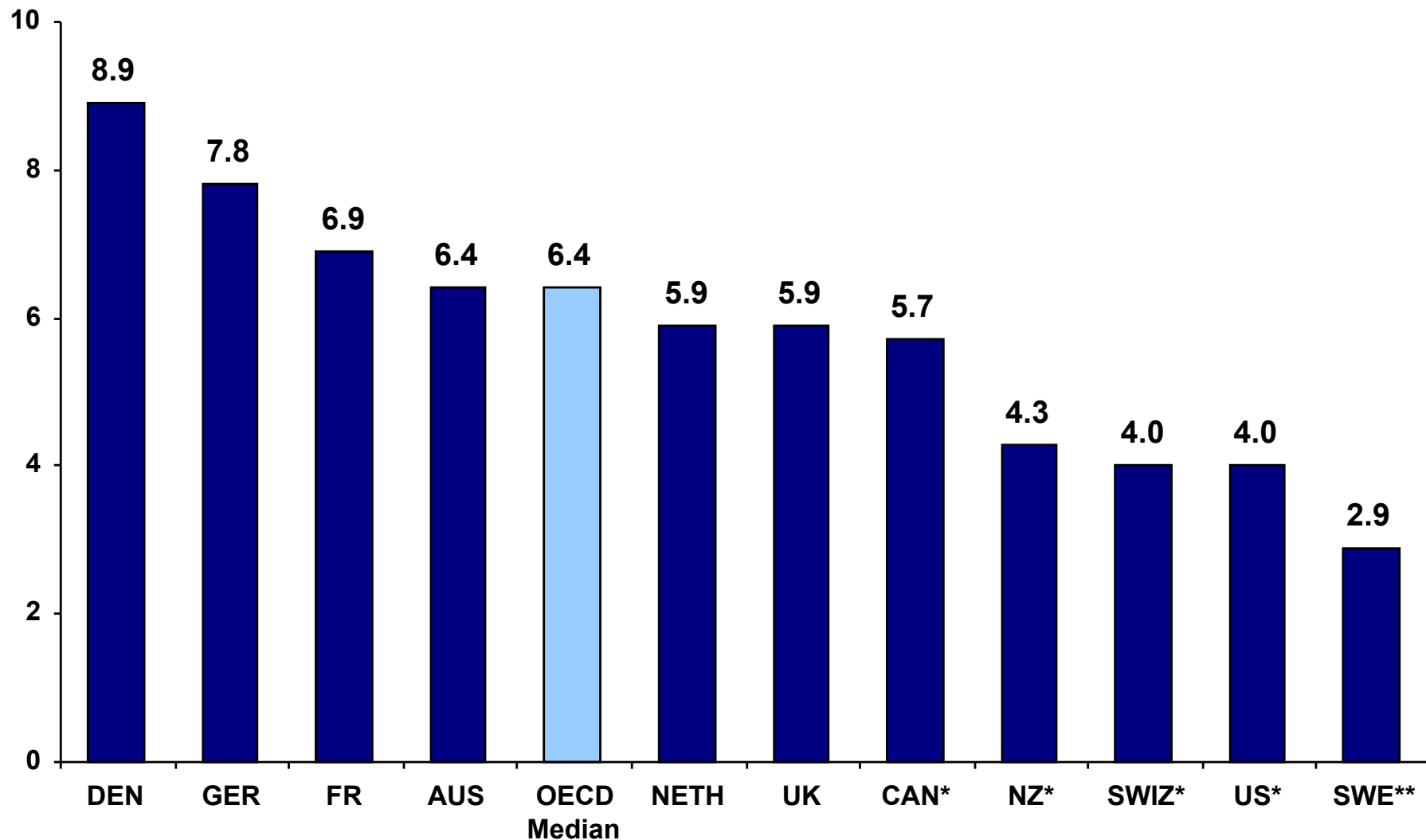
* 1997–2007.

** 1996–2006.

Source: OECD Health Data 2010 (Oct. 2010).



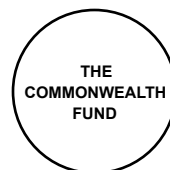
Average Annual Number of Physician Visits per Capita, 2008



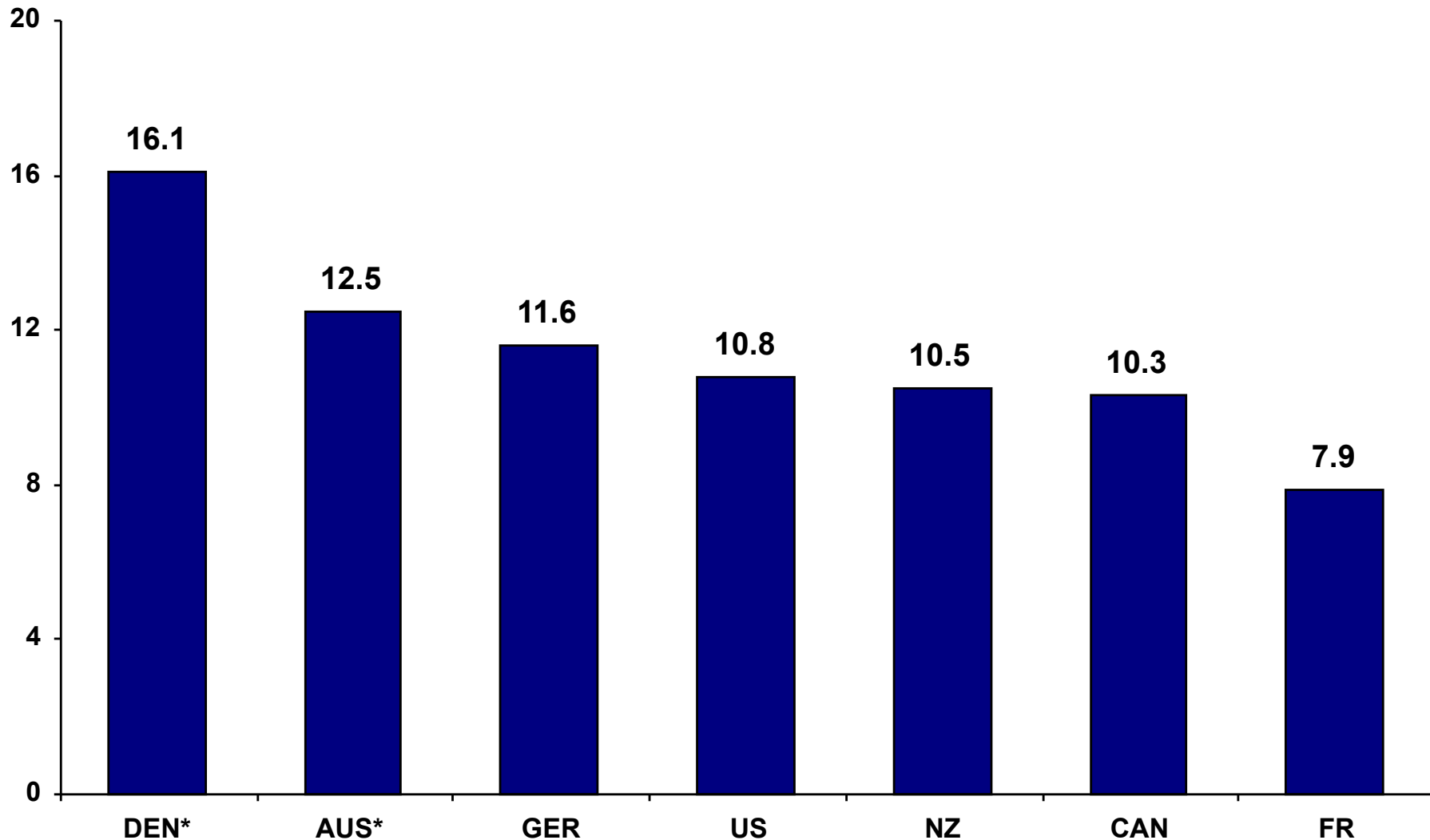
* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).



Number of Professionally Active Nurses per 1,000 Population, 2008



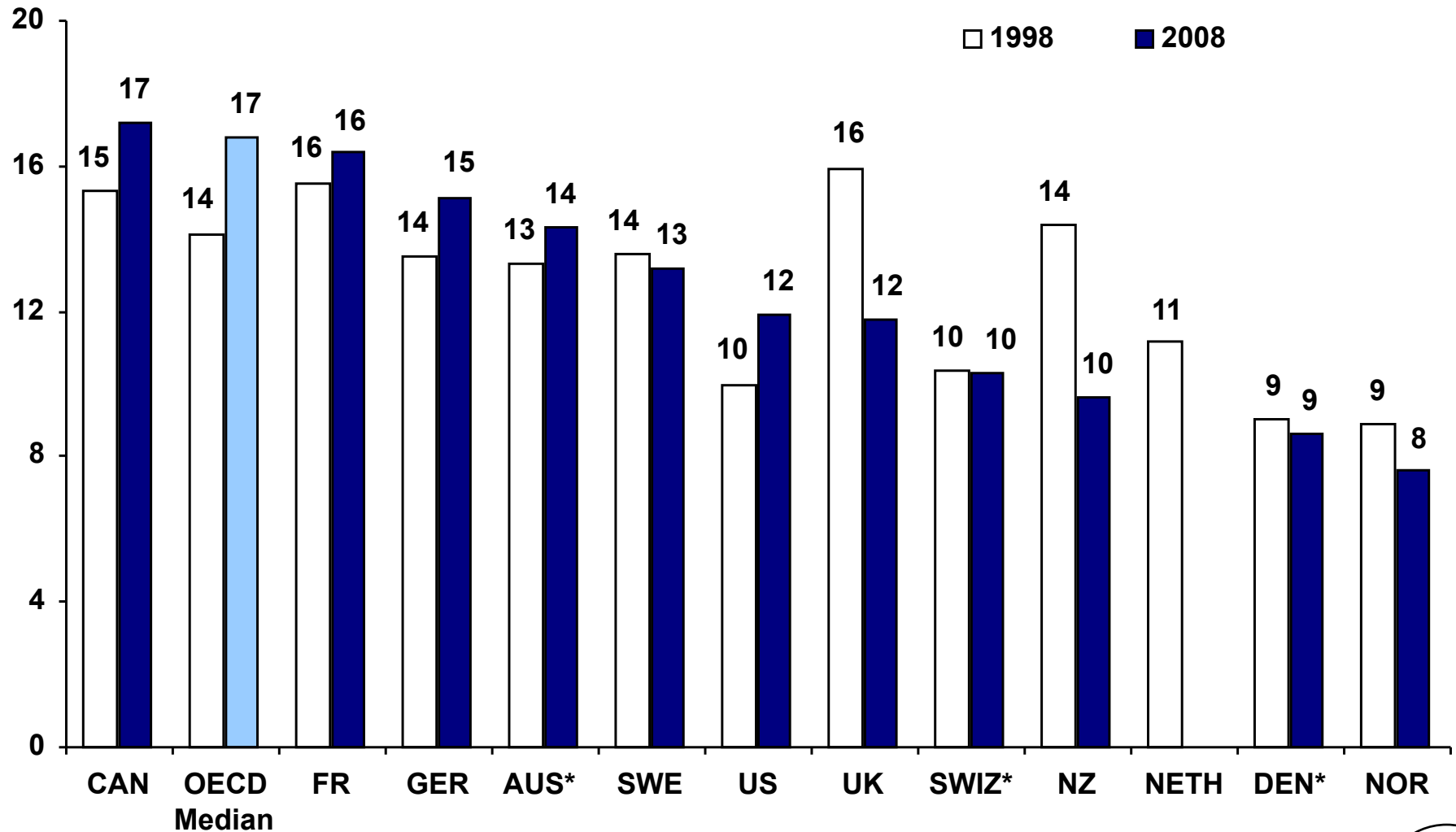
* 2007.

Source: OECD Health Data 2010 (Oct. 2010).

Pharmaceuticals

Percentage of Total Health Care Spending on Pharmaceuticals, 1998 and 2008

Percent

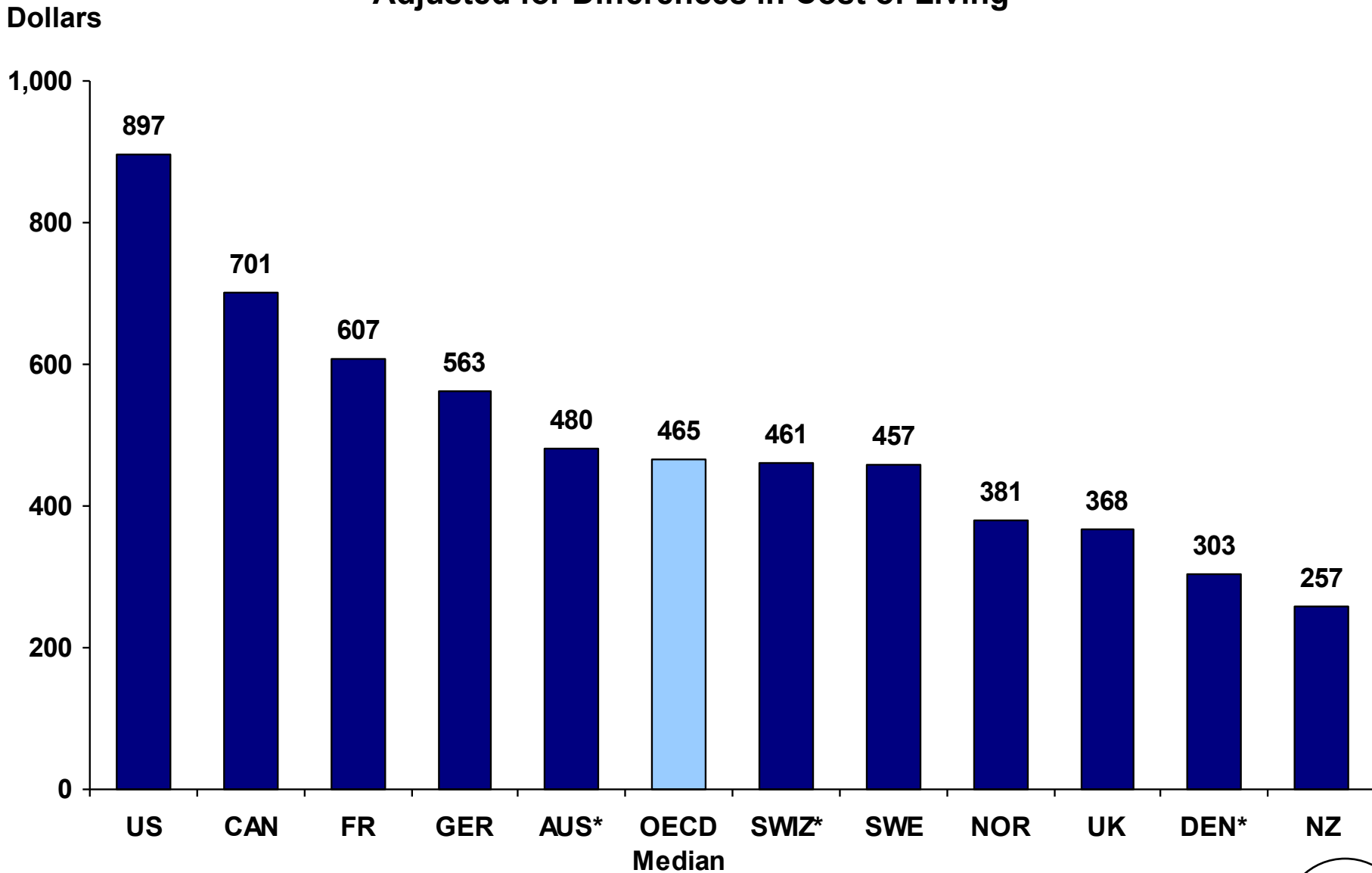


* 2007.

Source: OECD Health Data 2010 (Oct. 2010).

Pharmaceutical Spending per Capita, 2008

Adjusted for Differences in Cost of Living

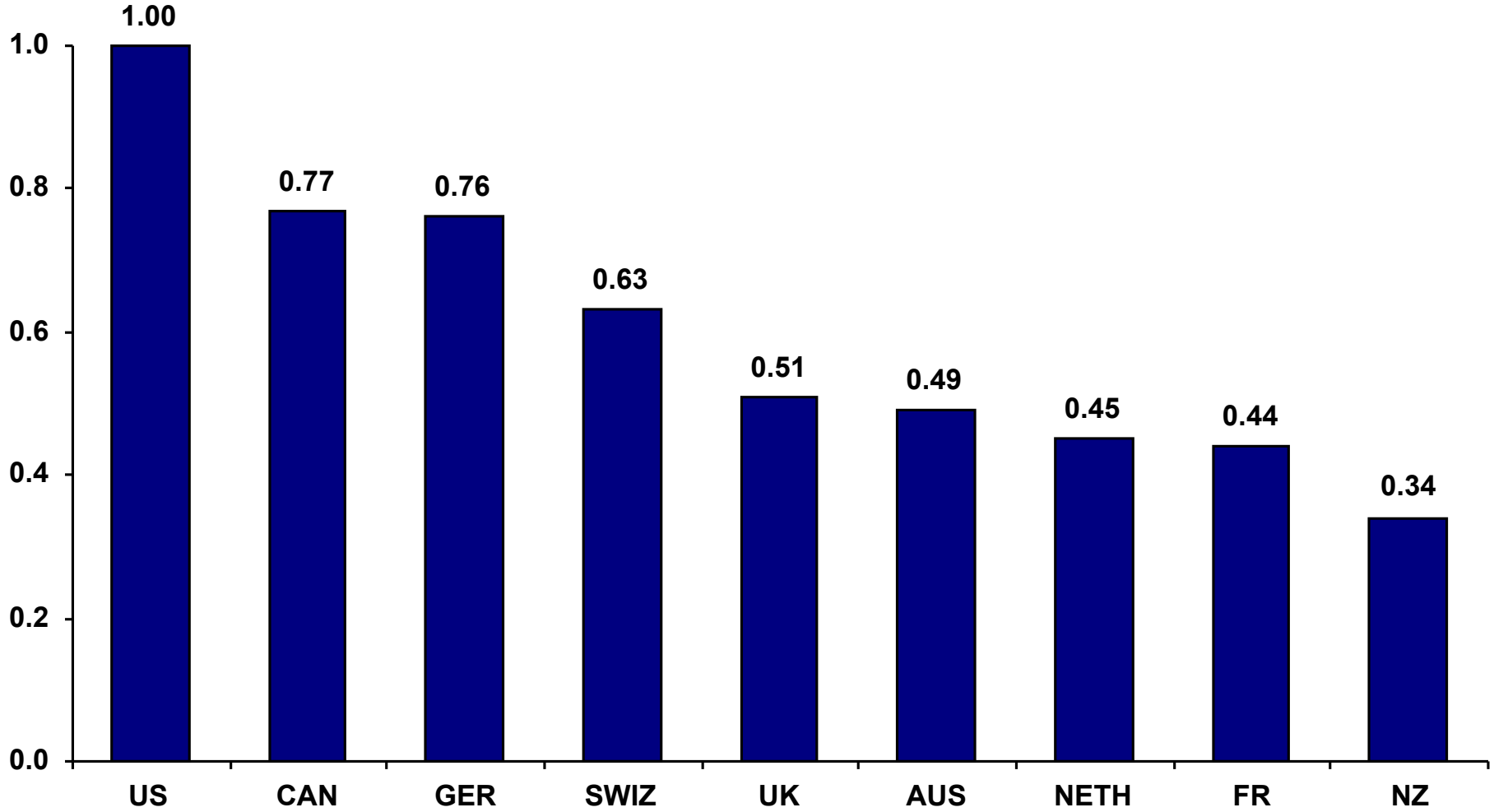


* 2007.

Source: OECD Health Data 2010 (Oct. 2010).

Drug Prices for 30 Most Commonly Prescribed Drugs, 2006–07

US is set at 1.0

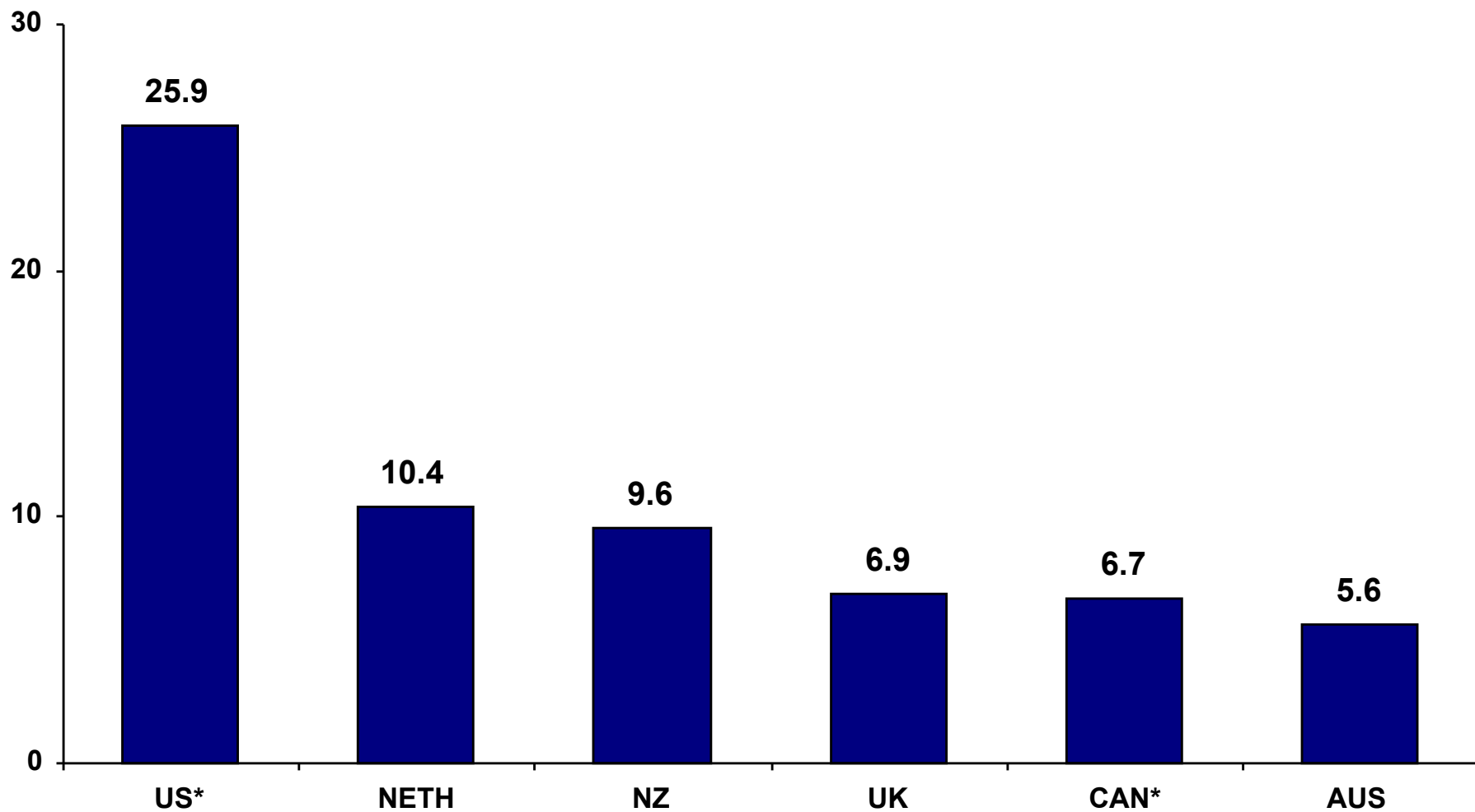


Source: IMS Health.



Medical Procedures Involving Sophisticated Technology

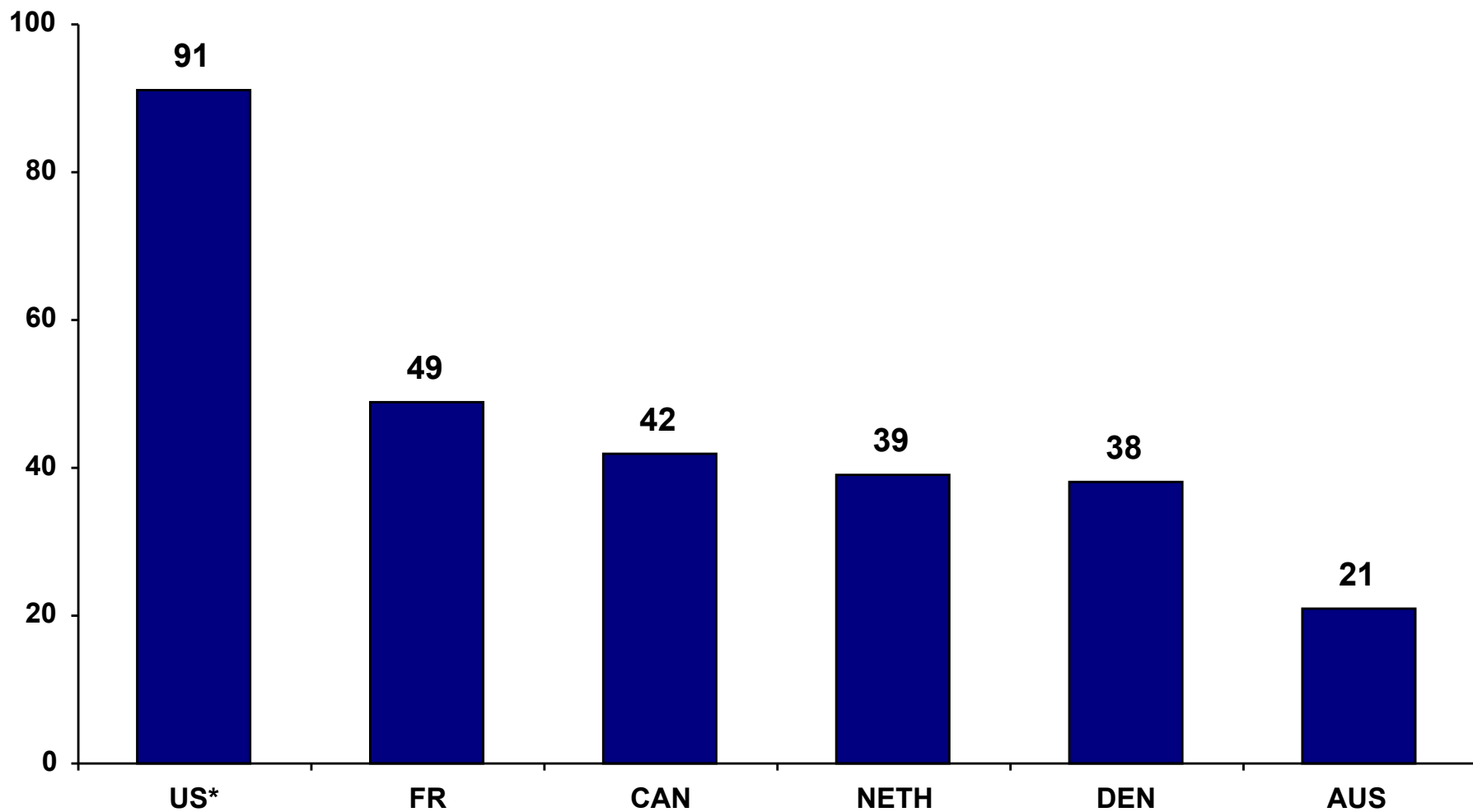
Magnetic Resonance Imaging (MRI) Machines per Million Population, 2008



* 2007.

Source: OECD Health Data 2010 (Oct. 2010).

Magnetic Resonance Imaging (MRI) Exams per 1,000 Population, 2008



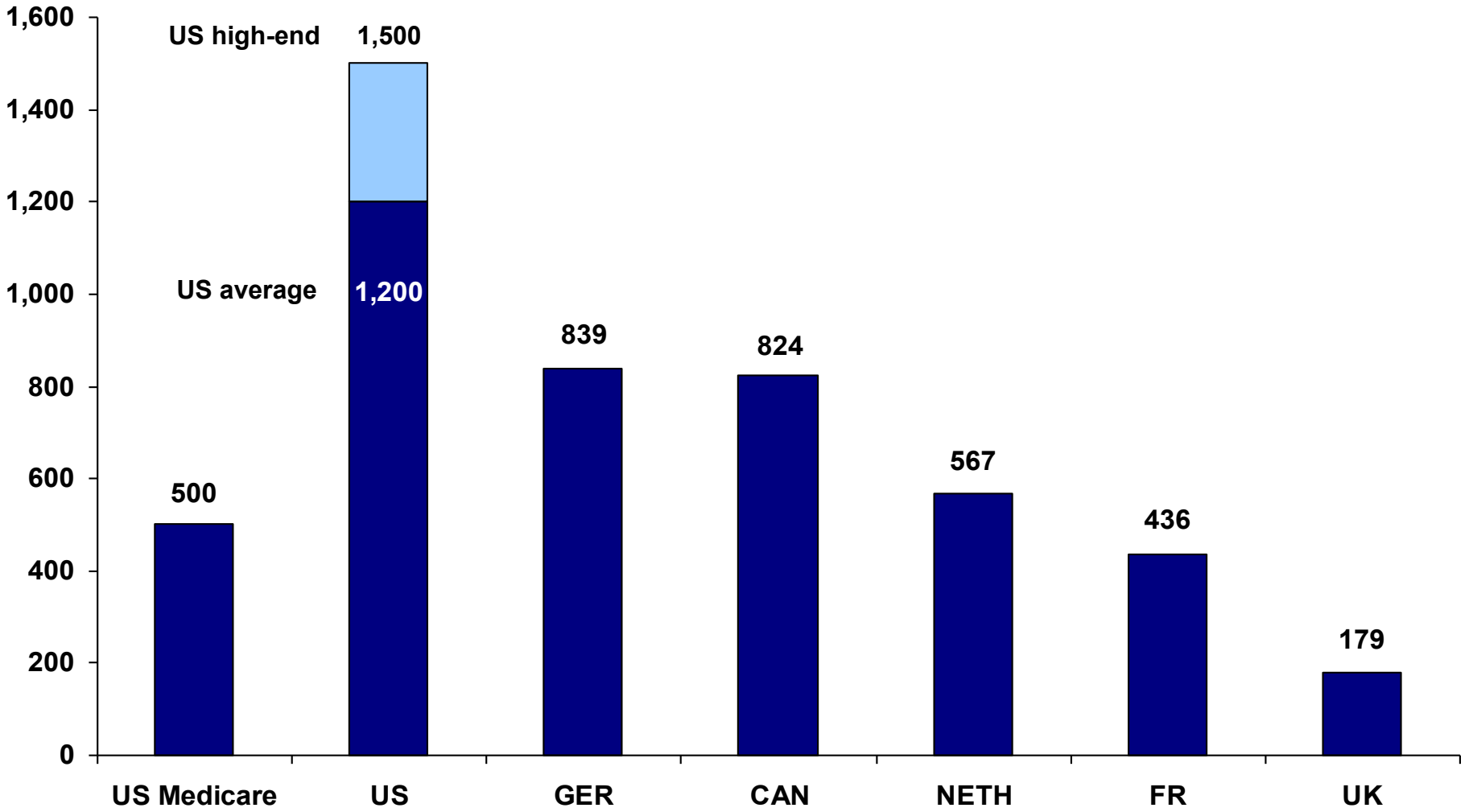
* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).

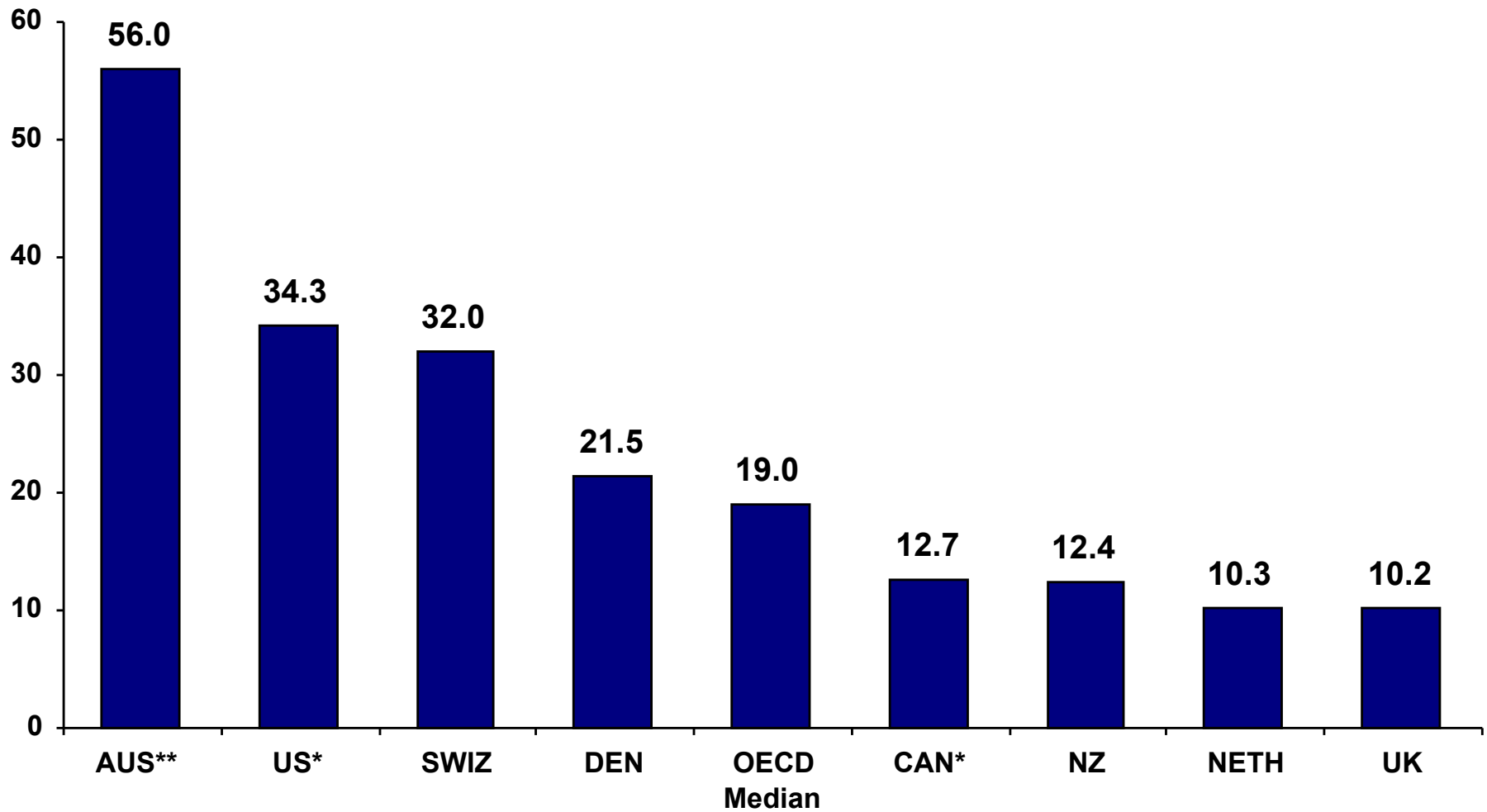
MRI Scan and Imaging Fees, 2009

Dollars



Source: International Federation of Health Plans, 2009 Comparative Price Report.

Computer Tomography (CT) Scanners per Million Population, 2008

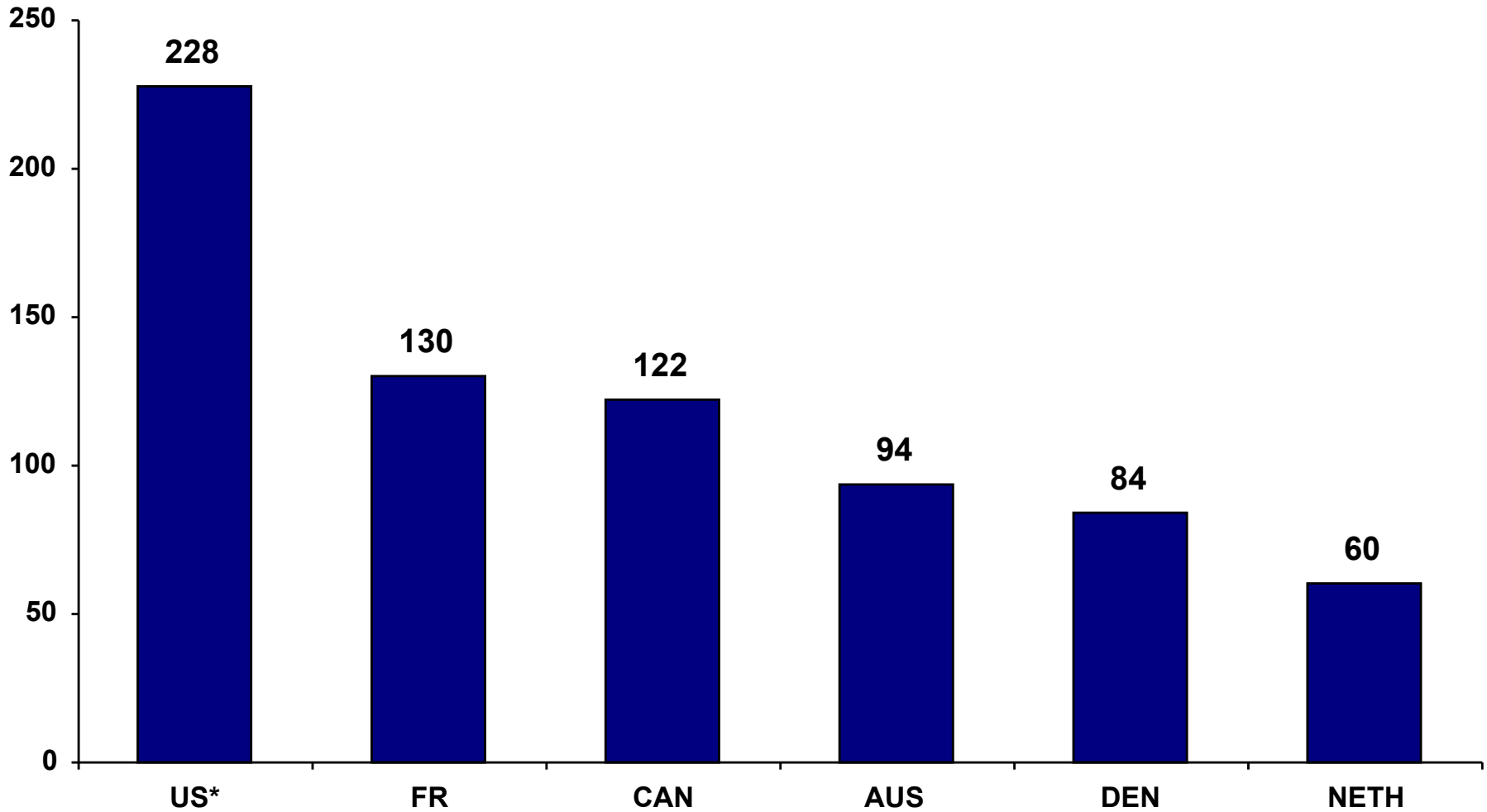


* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).

Computer Tomography (CT) Exams per 1,000 Population, 2008



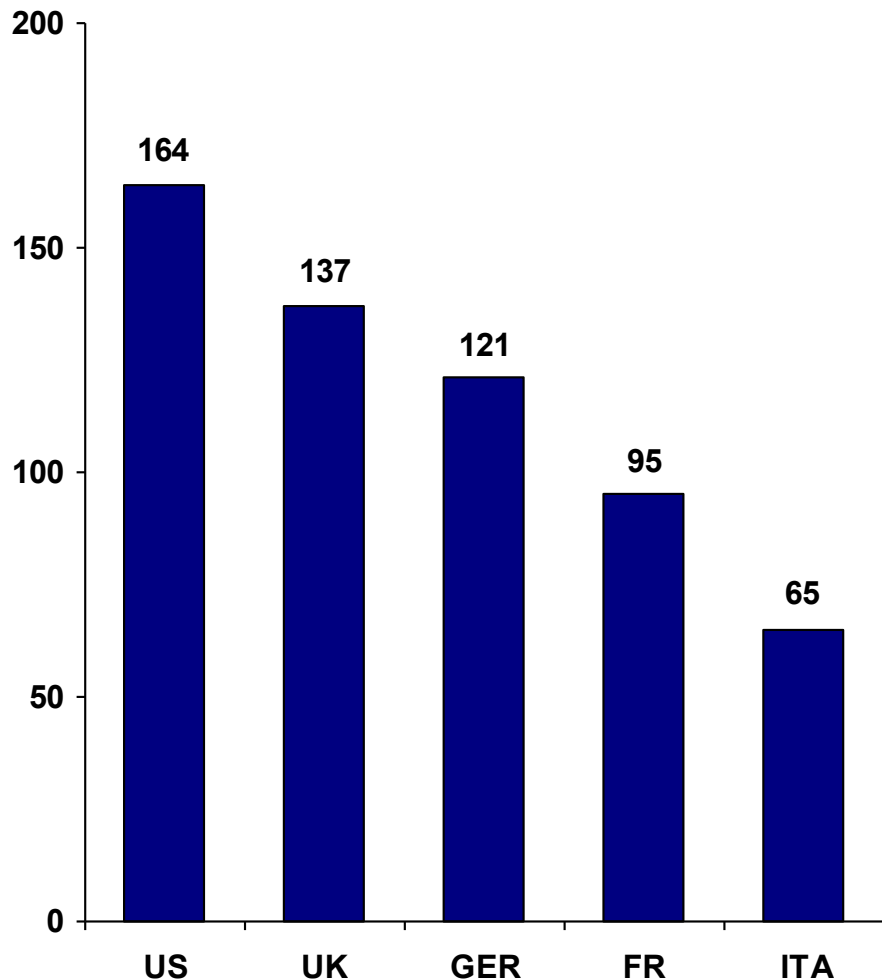
* 2007.

Source: OECD Health Data 2010 (Oct. 2010).

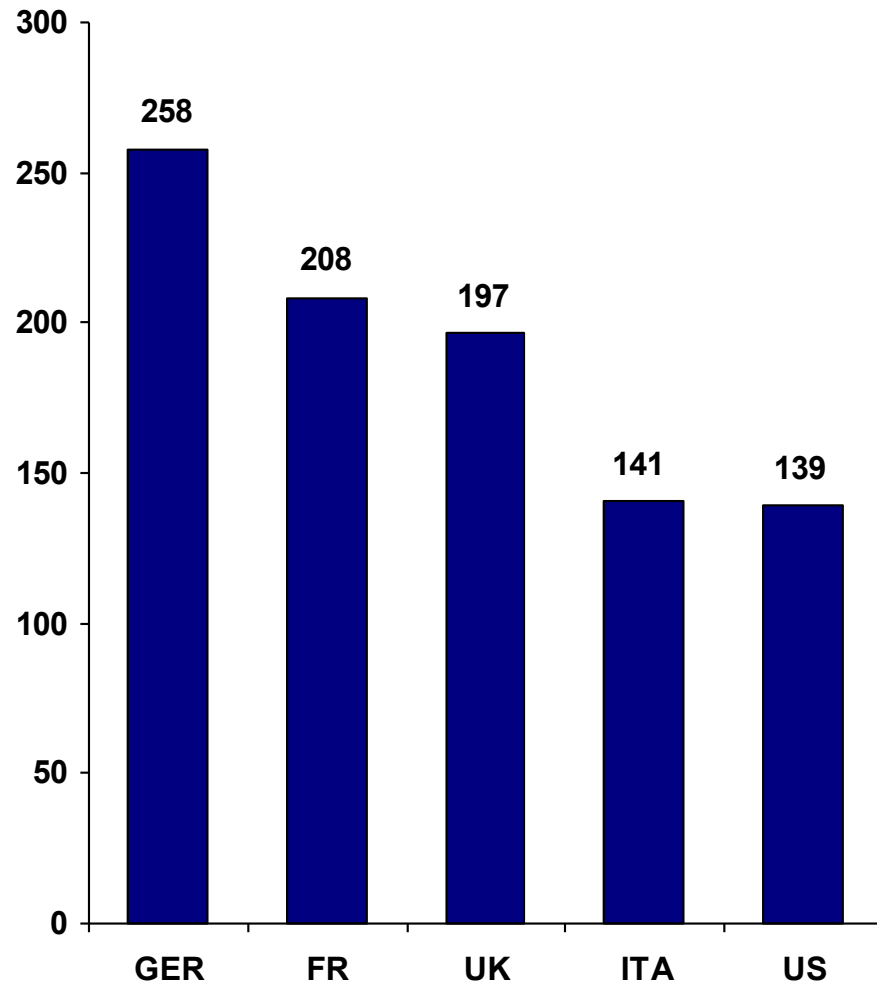
Volume of Knee and Hip Implants, 2004

Implants per 100,000

Knee Replacements

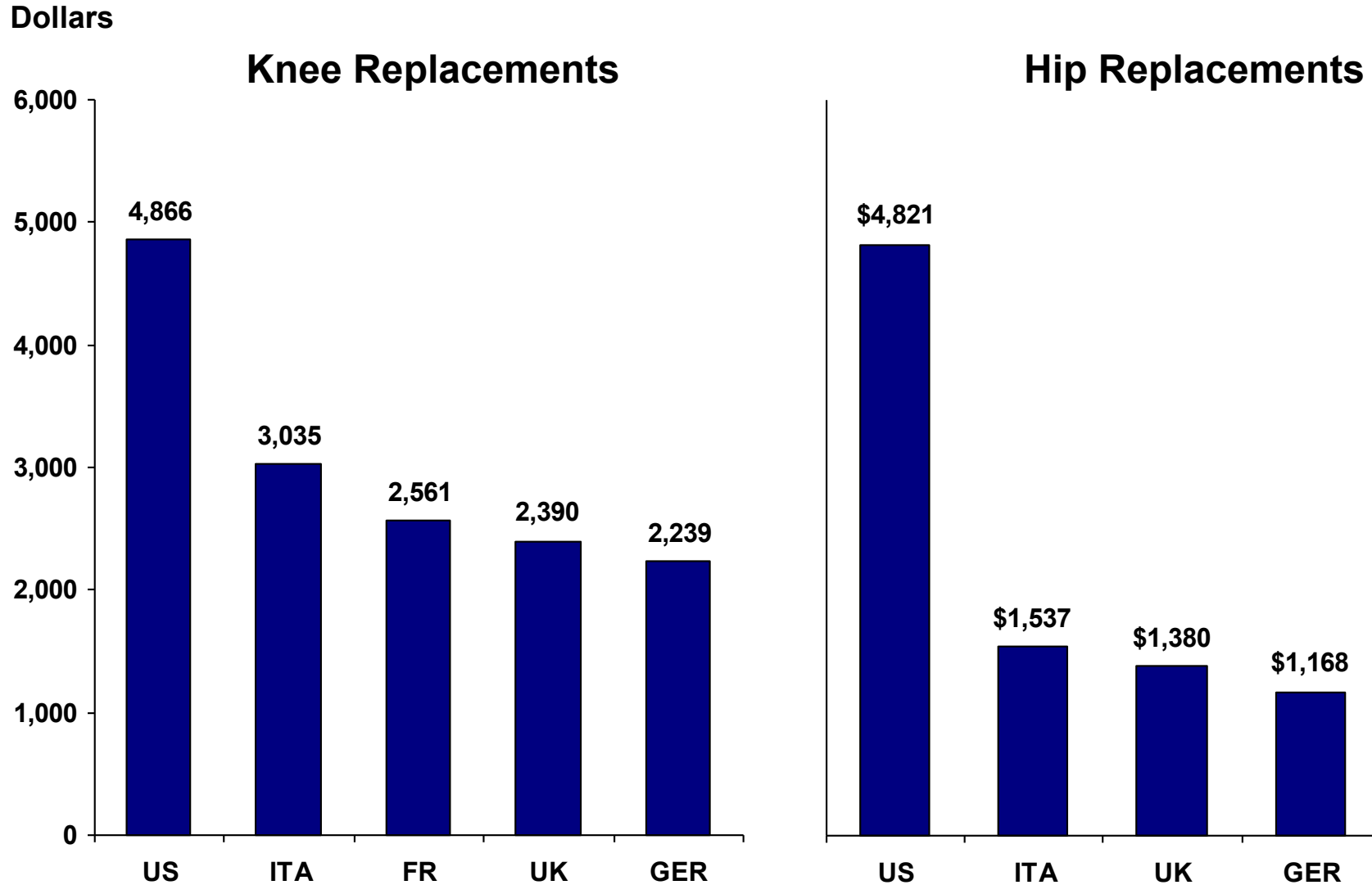


Hip Replacements

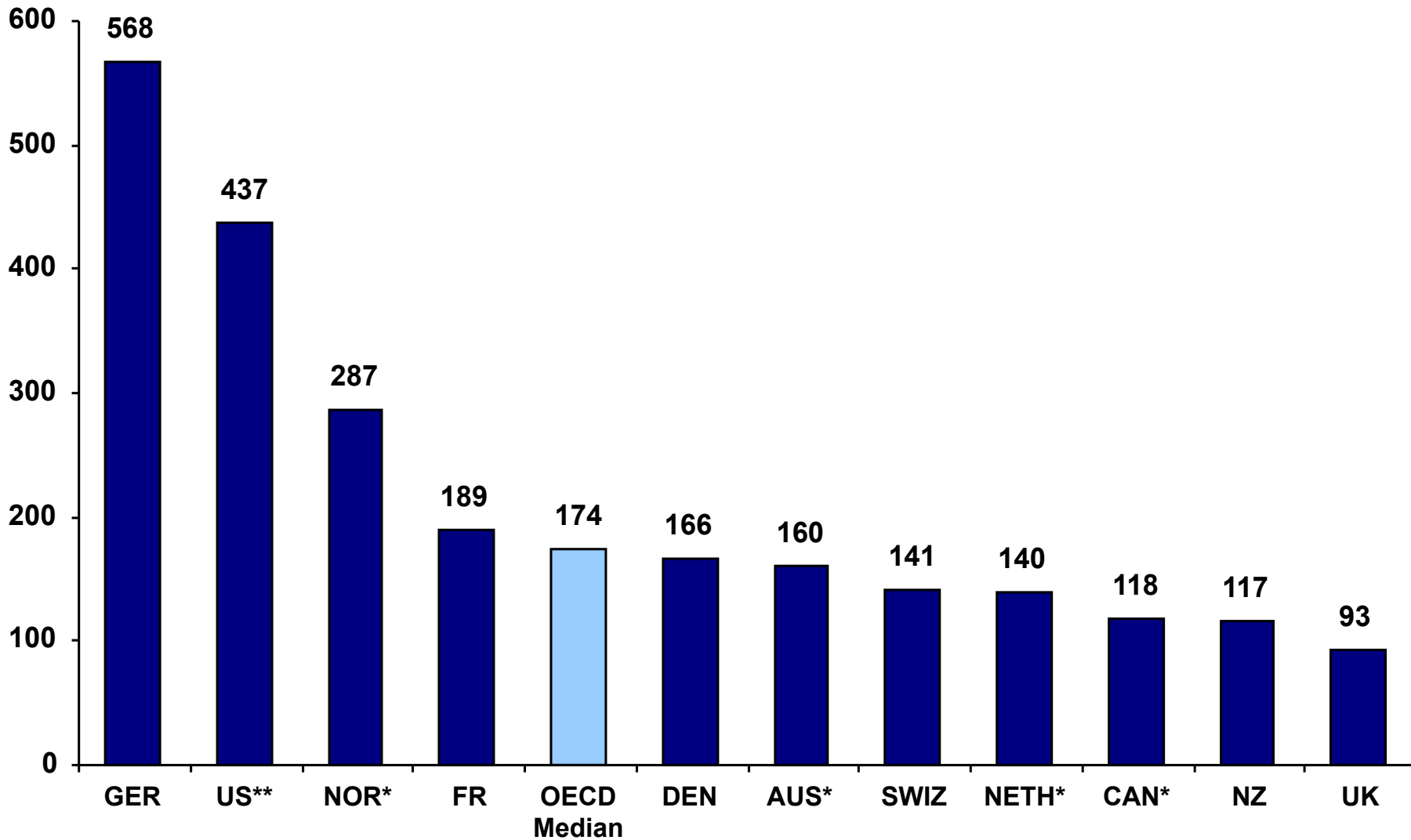


Cost of Knee and Hip Prostheses to Providers, 2004

GDP Adjusted, US \$



Percutaneous Transluminal Coronary Angioplasty (PTCA) Interventions per 100,000 Population, 2008

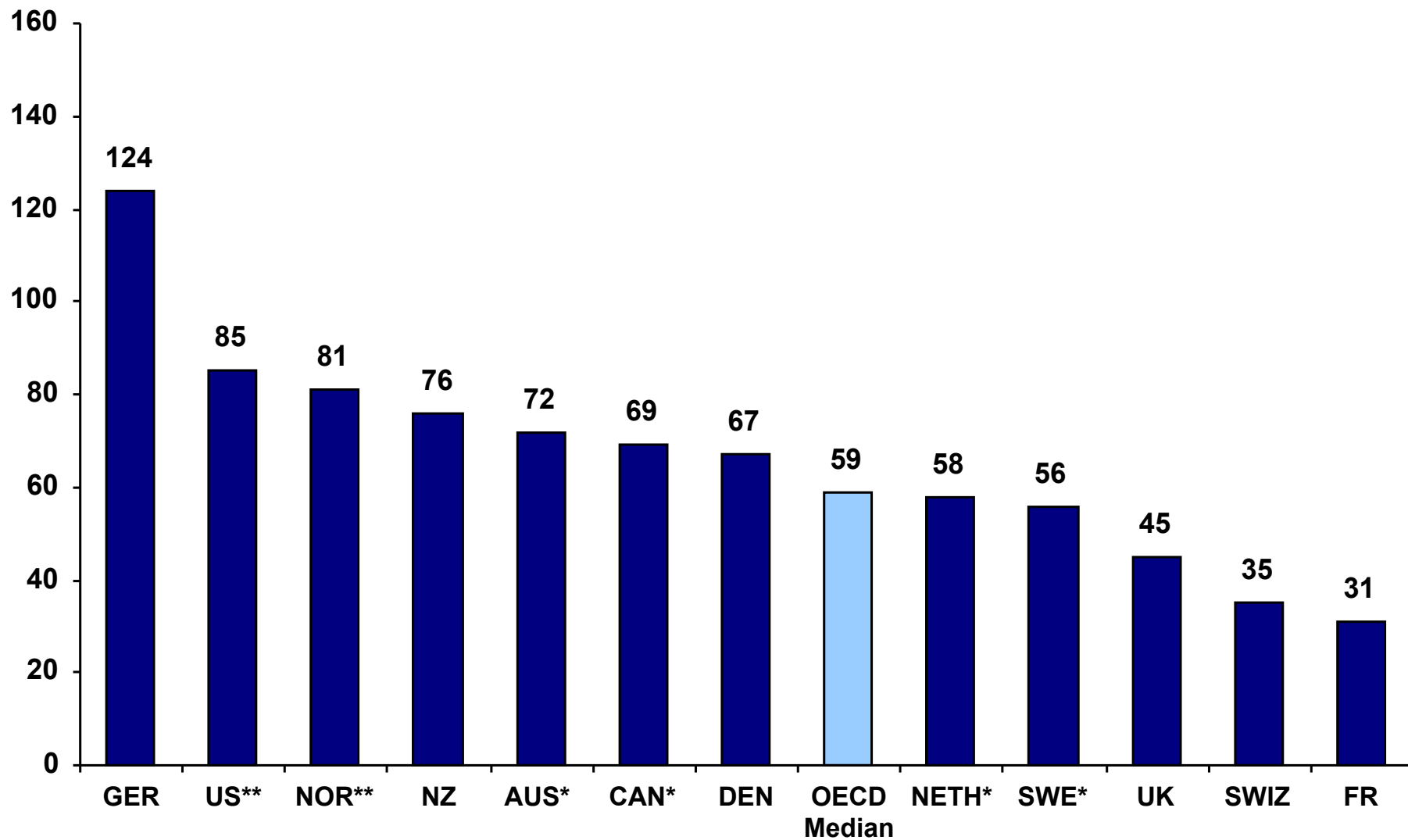


* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).

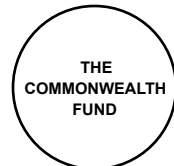
Coronary Bypass Procedures per 100,000 Population, 2008



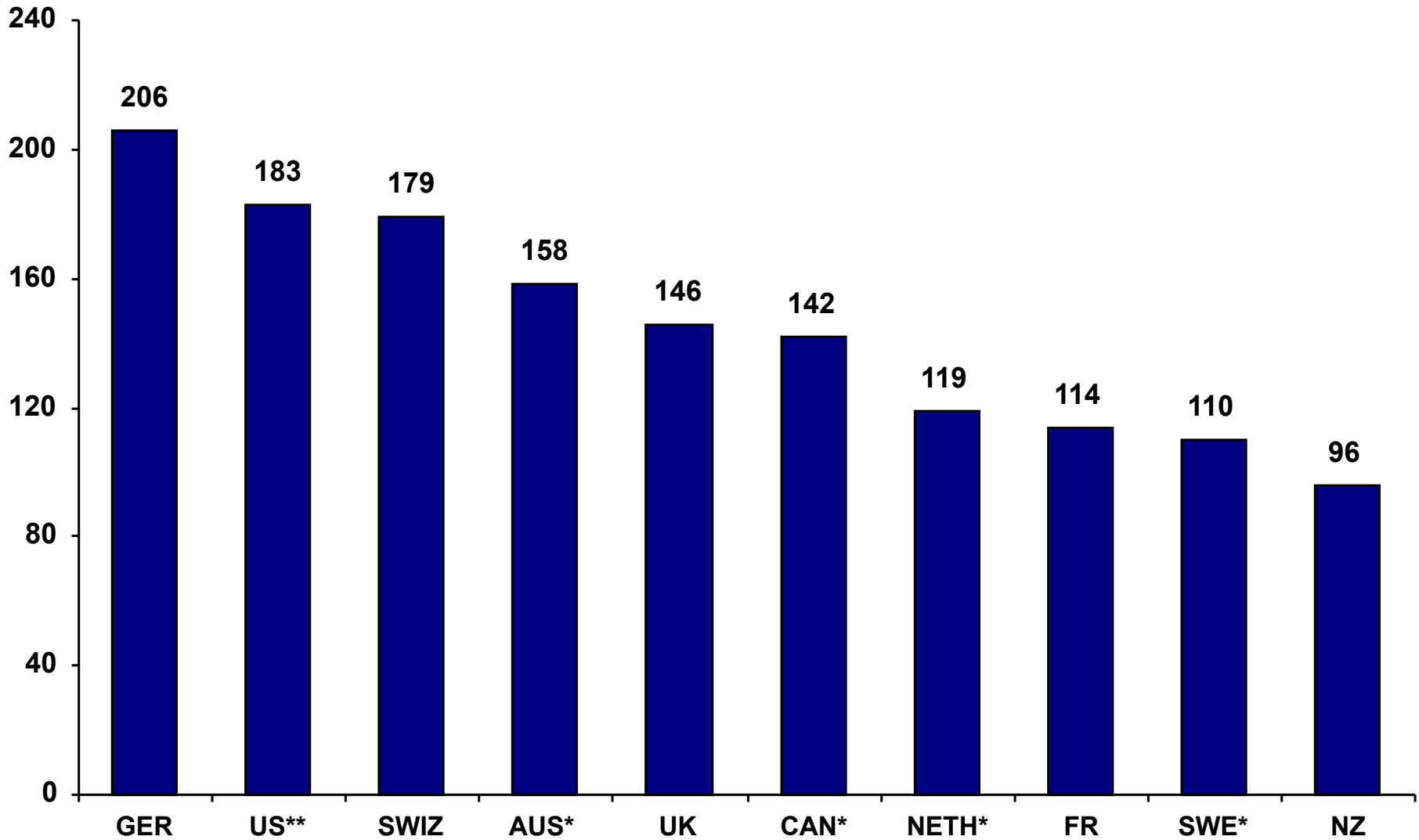
* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).



Number of Knee Replacements per 100,000 Population, 2008

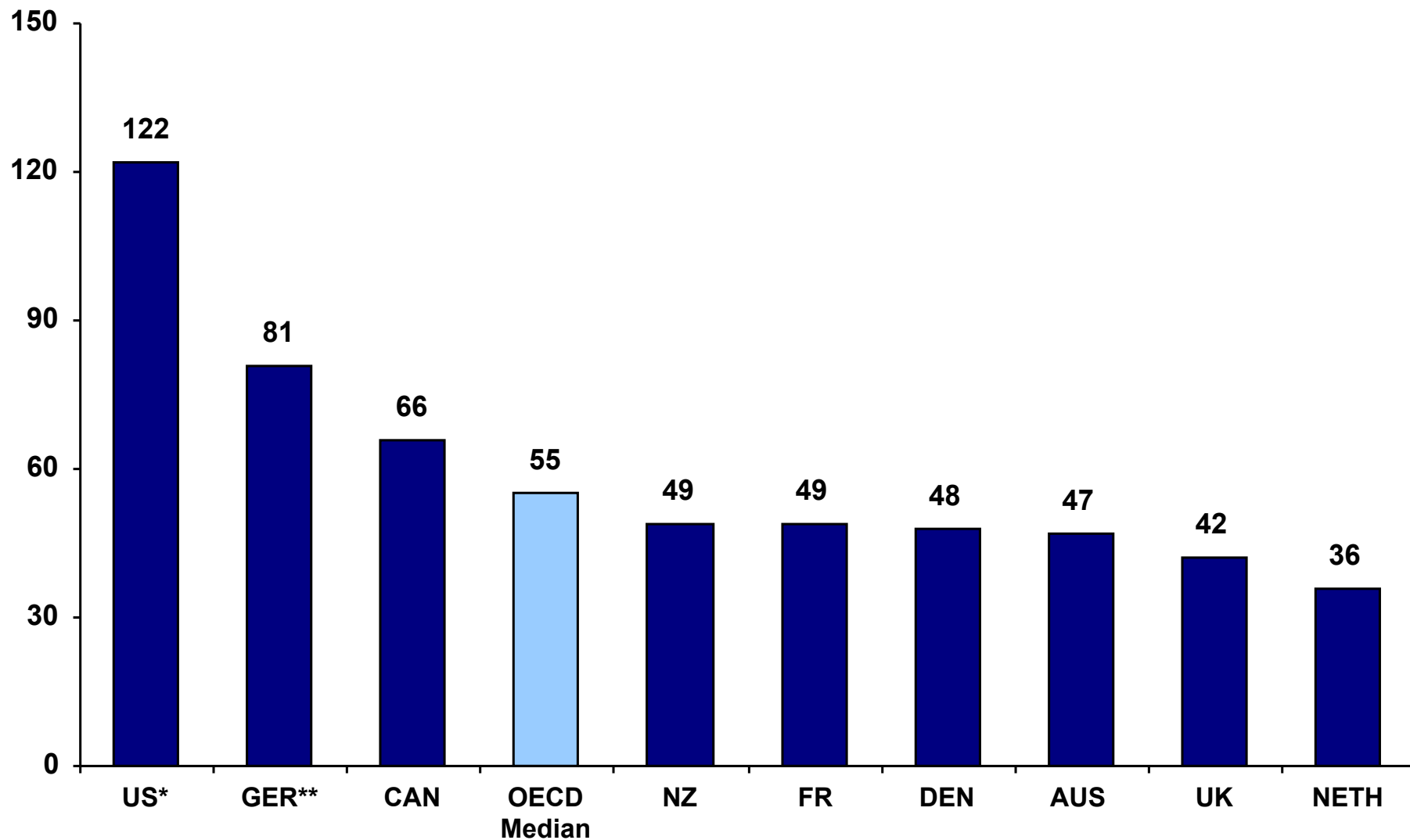


* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).

Number of Patients Undergoing Dialysis Treatment per 100,000 Population, 2008



* 2007.

** 2006.

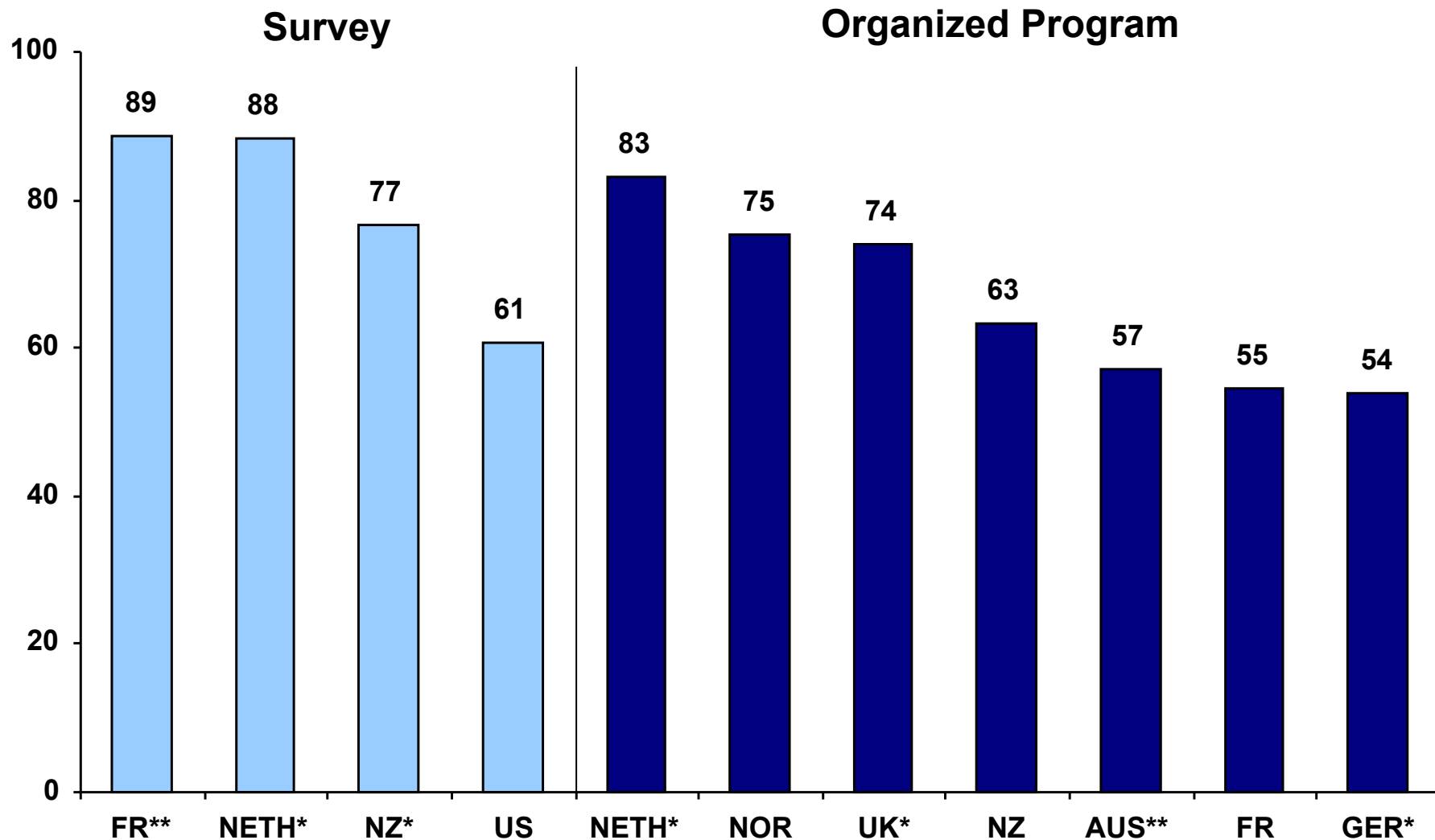
Source: OECD Health Data 2010 (Oct. 2010).

Public Health and Prevention

Breast Cancer Screening, 2008

Percentage of Women Ages 50–69 Receiving a Mammogram

Percent



* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).

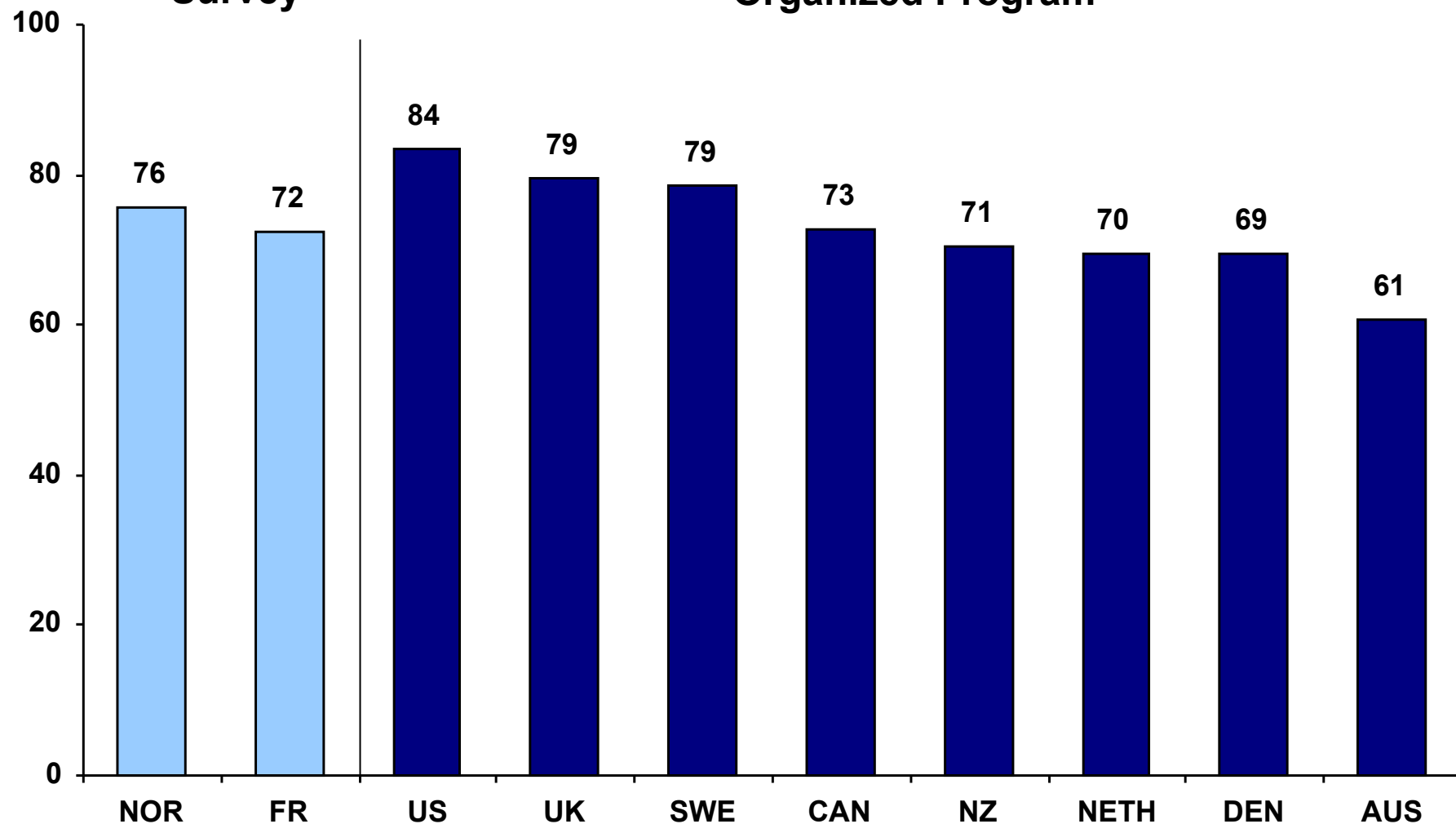
Cervical Cancer Screening, 2000 to 2006 (or closest year)

Percentage of Women Ages 20–69

Percent

Survey

Organized Program



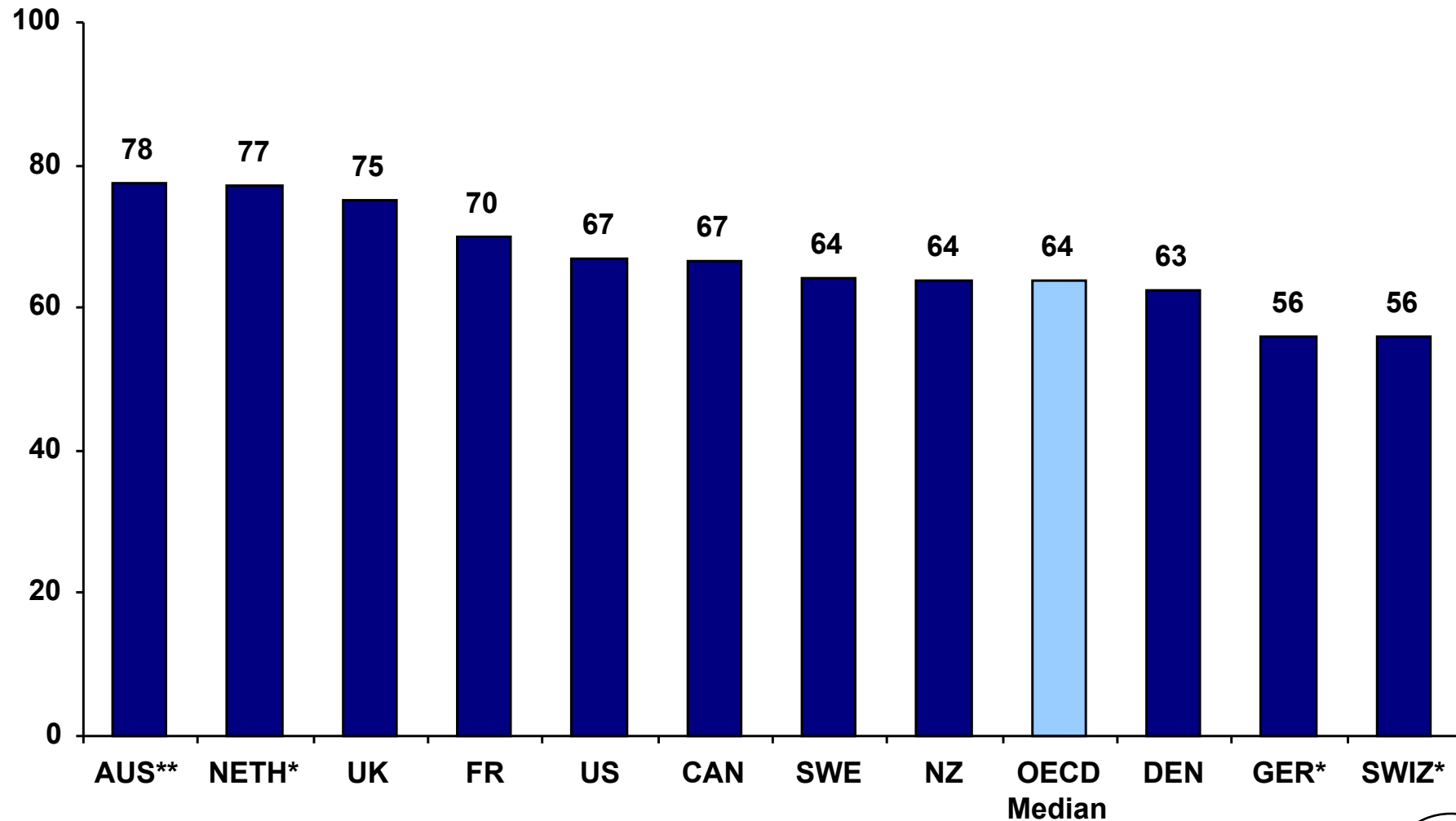
* 2007.

** 2006.

Source: OECD Health Care Quality Indicators Data 2009.

Percentage of Population over Age 65 with Influenza Immunization, 2008

Percent



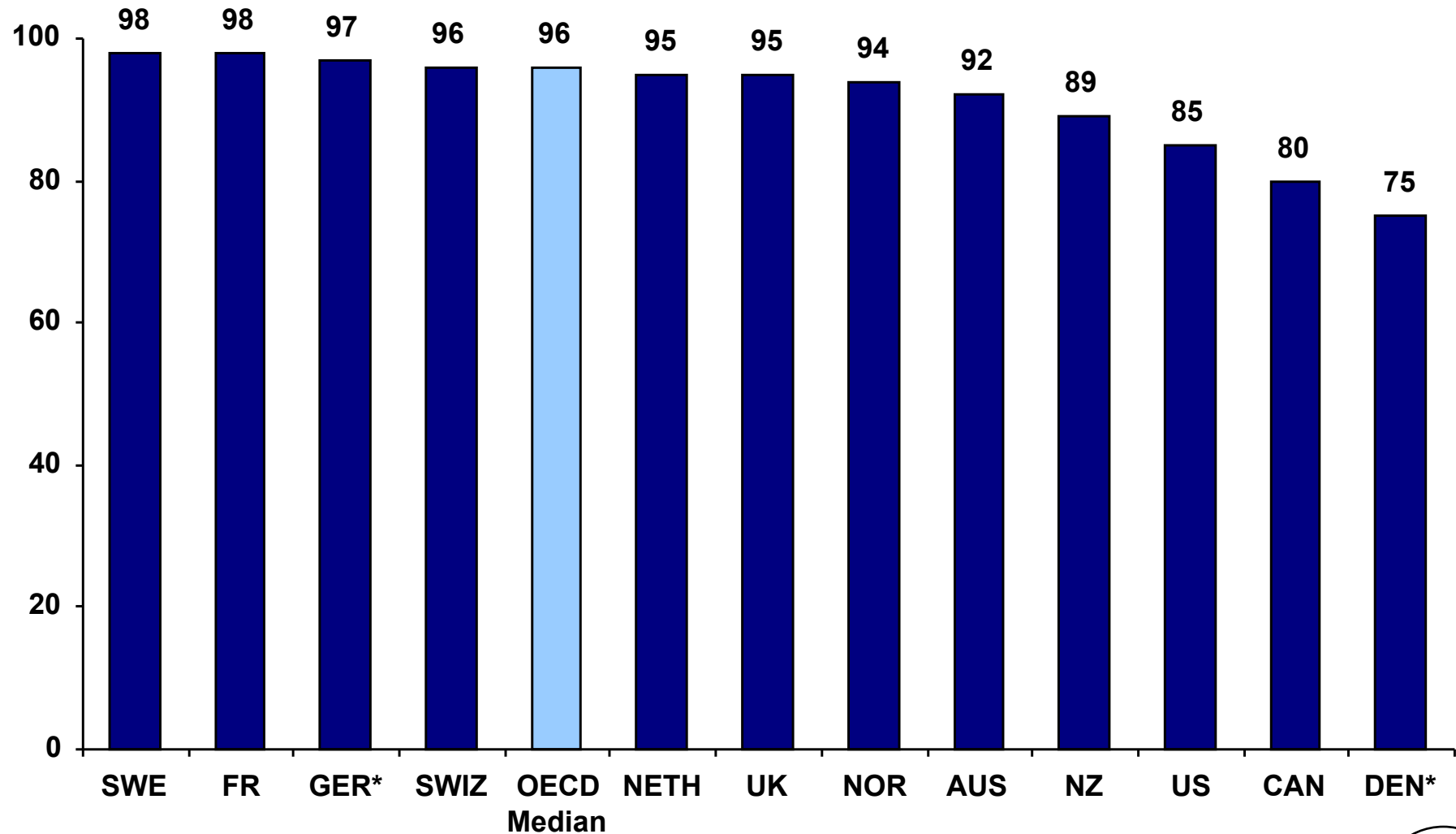
* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).

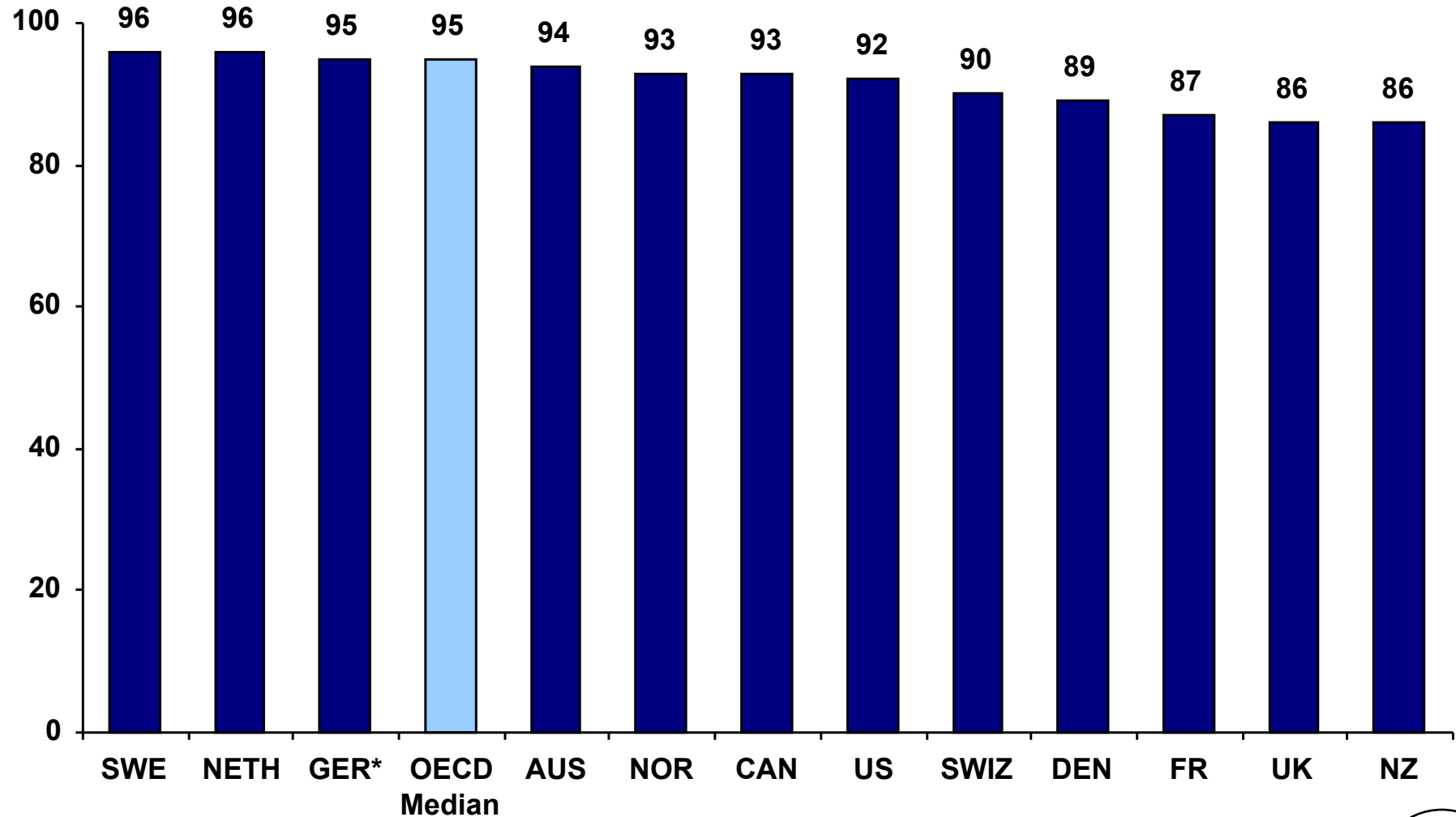
Diphtheria, Tetanus, and Pertussis Vaccination Rates Among Children Age 2, 2007 (or latest year available)

Percent



Measles Vaccination Rates Among Children Age 2, 2007 (or latest year available)

Percent



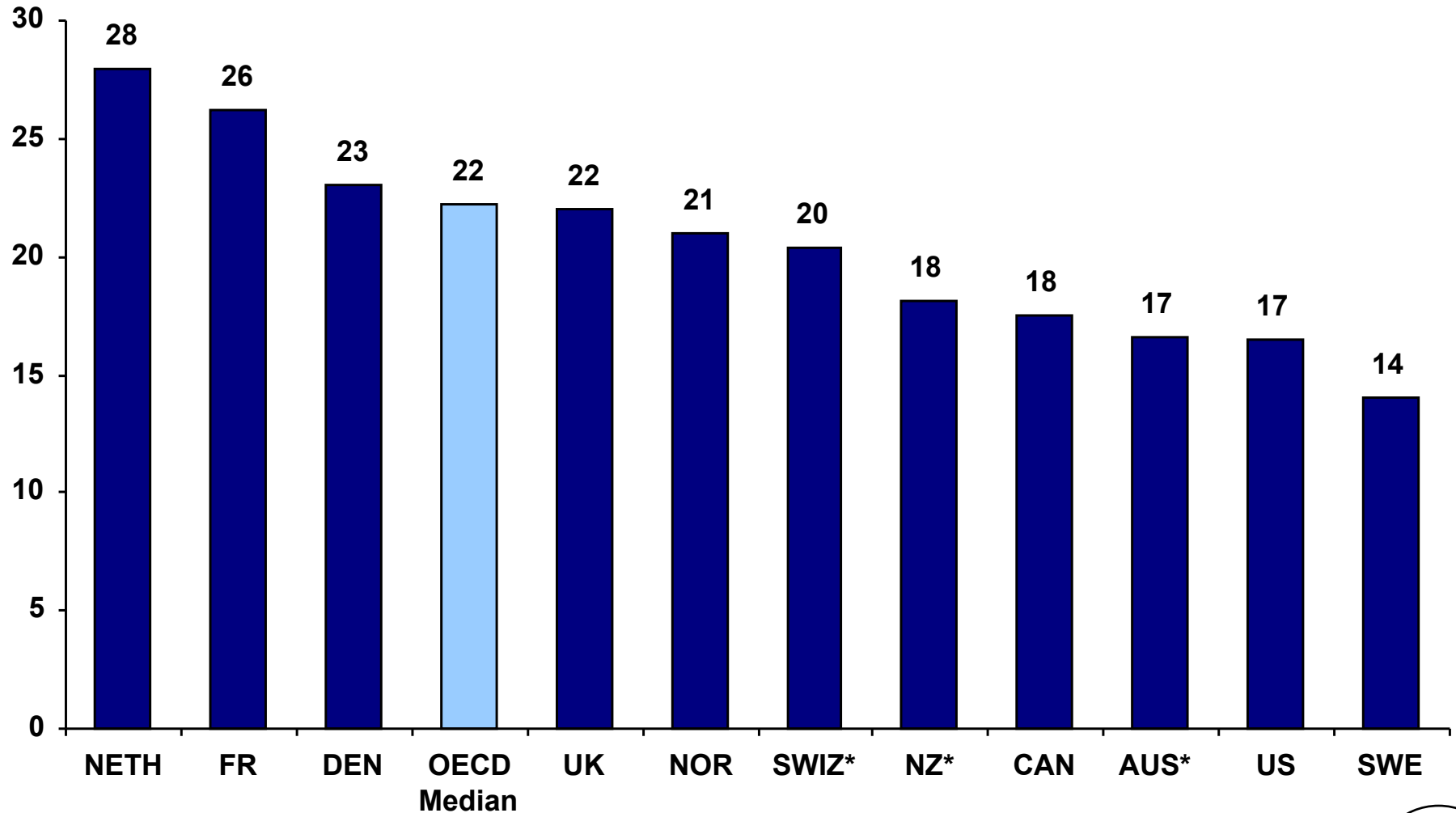
* 2007.

Source: OECD Health Data 2010 (Oct. 2010).



Percentage of Adults Who Report Being Daily Smokers, 2008

Percent

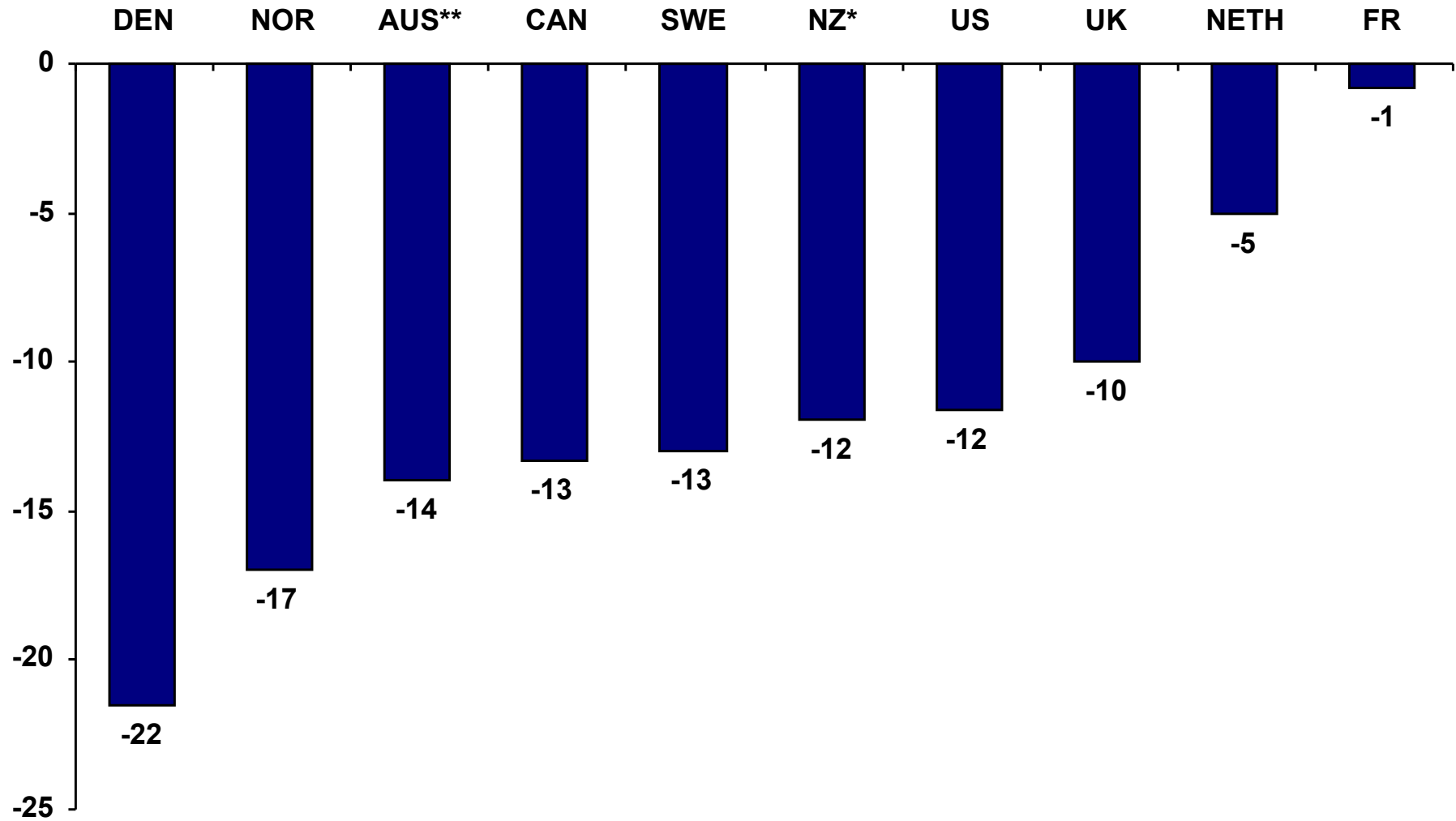


* 2007.

Source: OECD Health Data 2010 (Oct. 2010).

Twenty-Year Change in Smoking Rates, 1988–2008

Percent



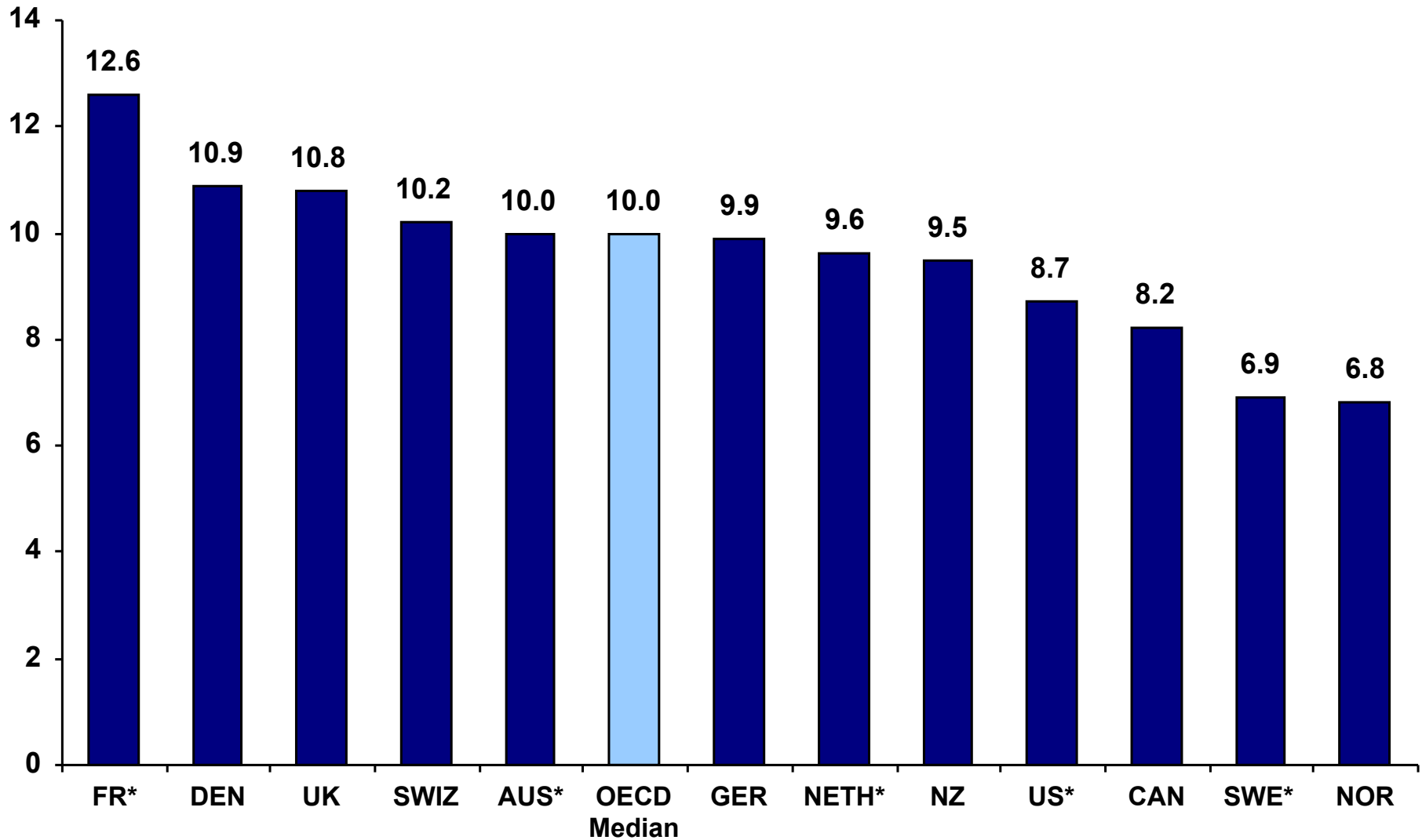
* 1987–2007.

** 1986–2007.

Source: OECD Health Data 2010 (Oct. 2010).



Annual Alcohol Consumption in Liters per Capita Among People Age 15 and Older, 2008



* 2007.

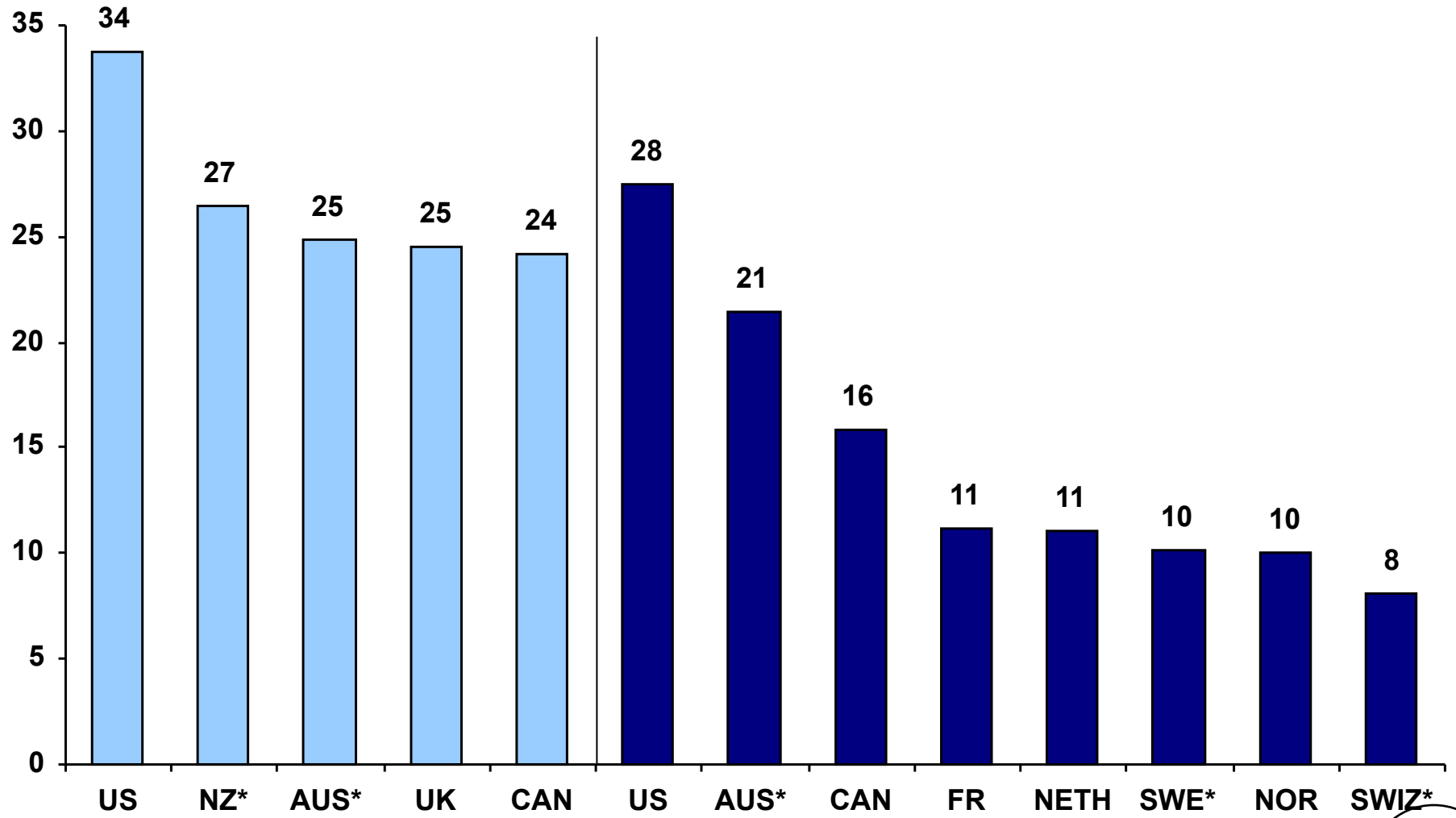
Source: OECD Health Data 2010 (Oct. 2010).

Obesity (BMI>30) Prevalence Among Adult Population, 2008

Percent

Measured

Self-Reported



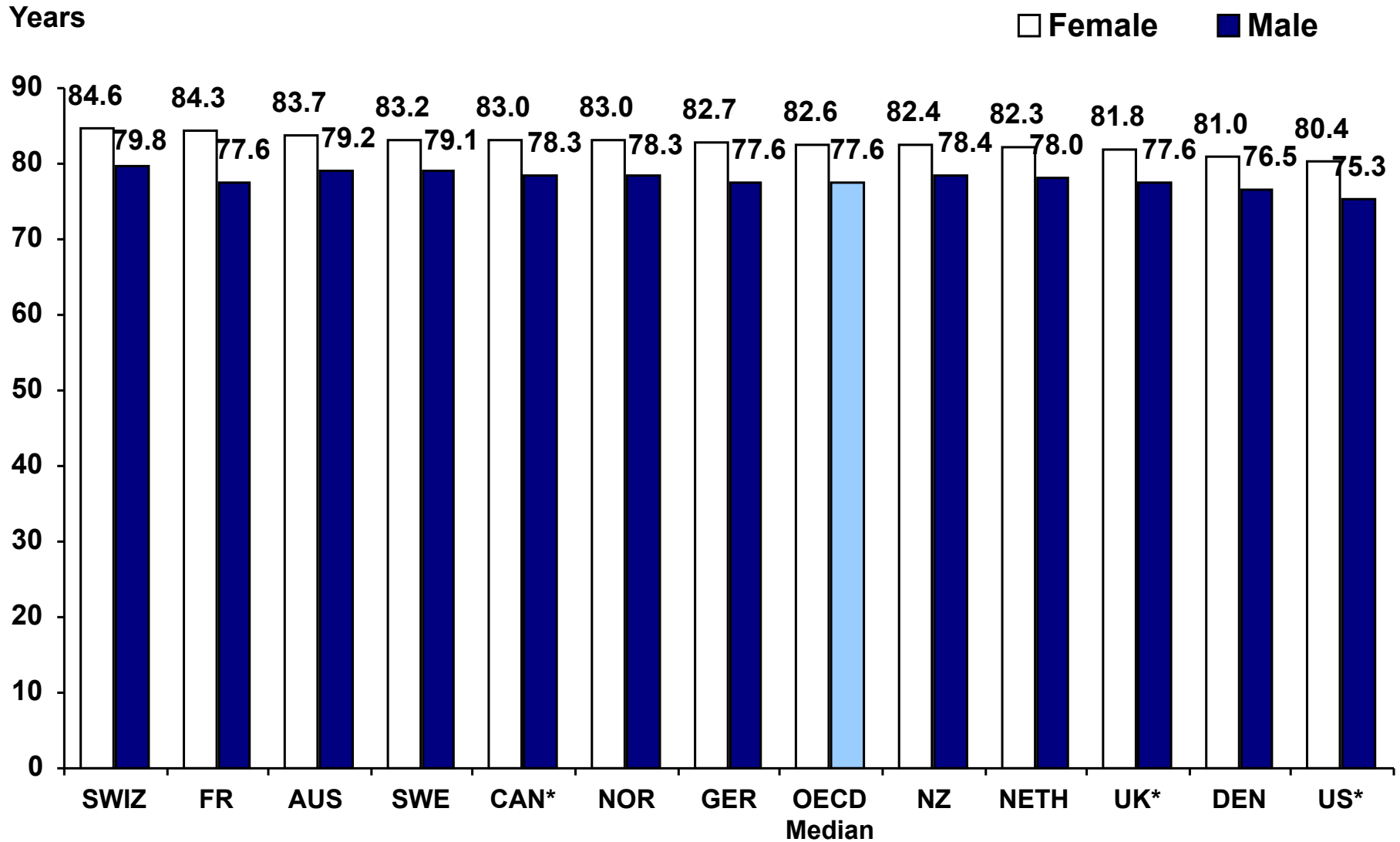
* 2007.

Source: OECD Health Data 2010 (Oct. 2010).



Mortality

Life Expectancy at Birth, 2008

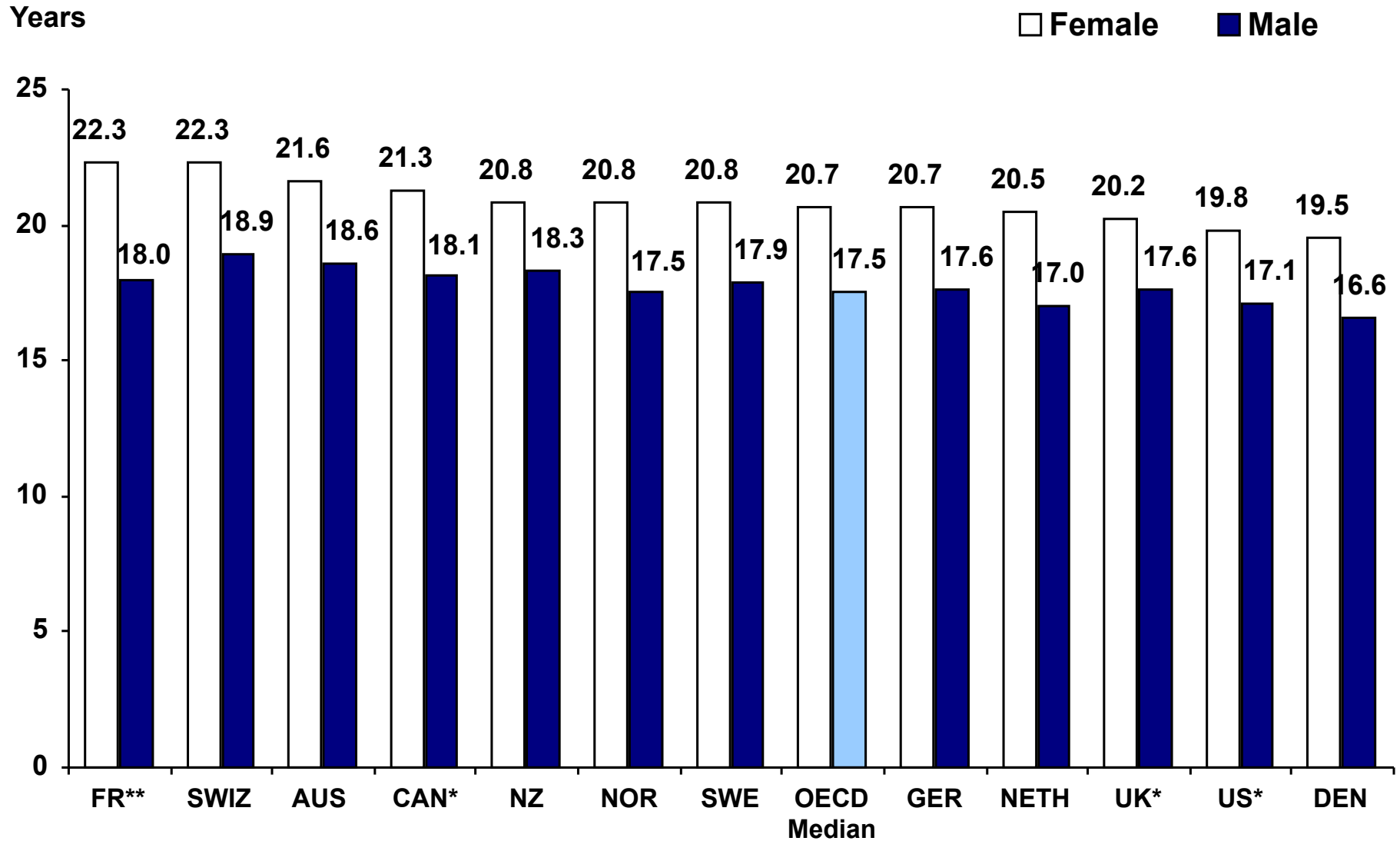


* 2007.

Source: OECD Health Data 2010 (Oct. 2010).



Life Expectancy at Age 65, 2008



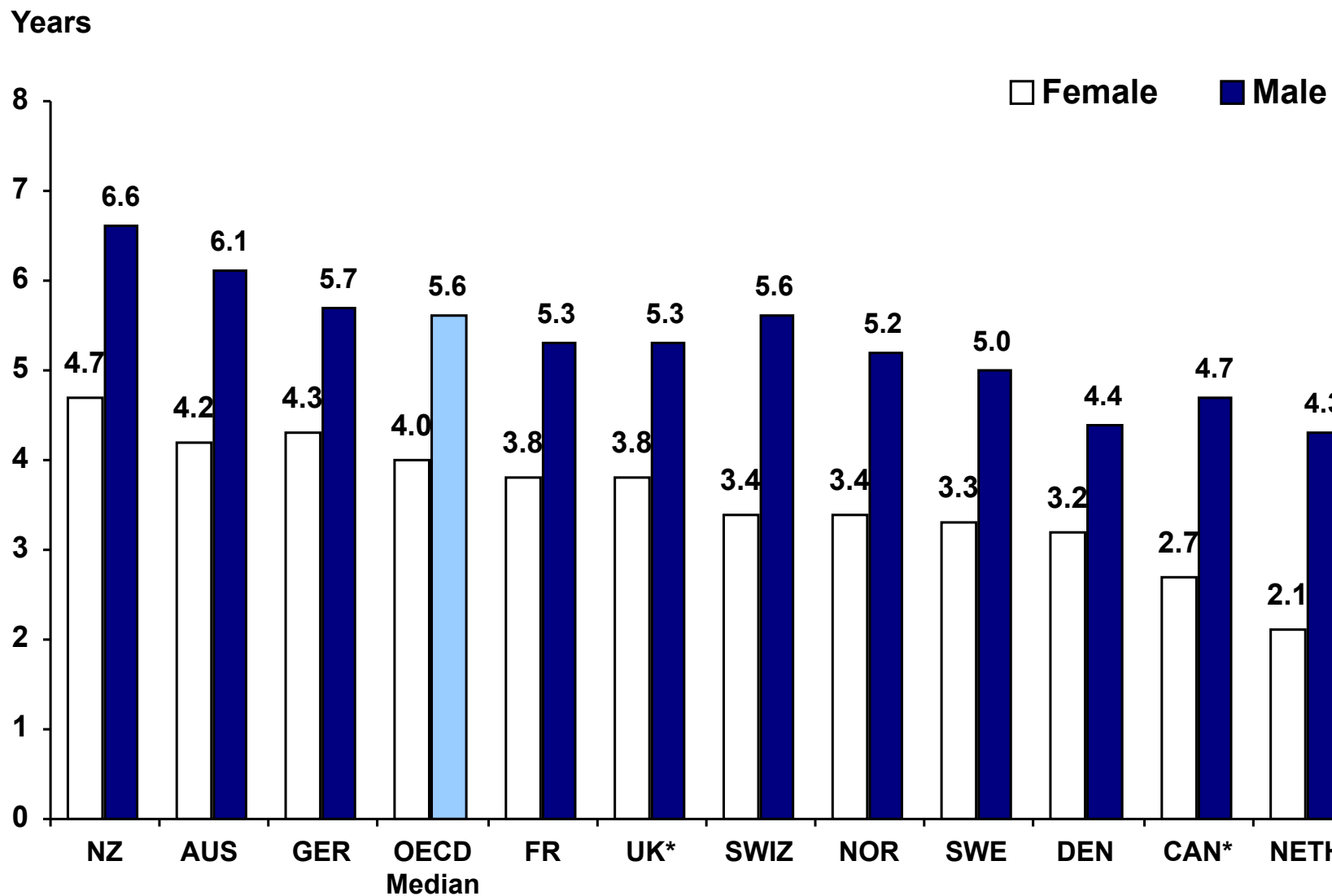
* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).



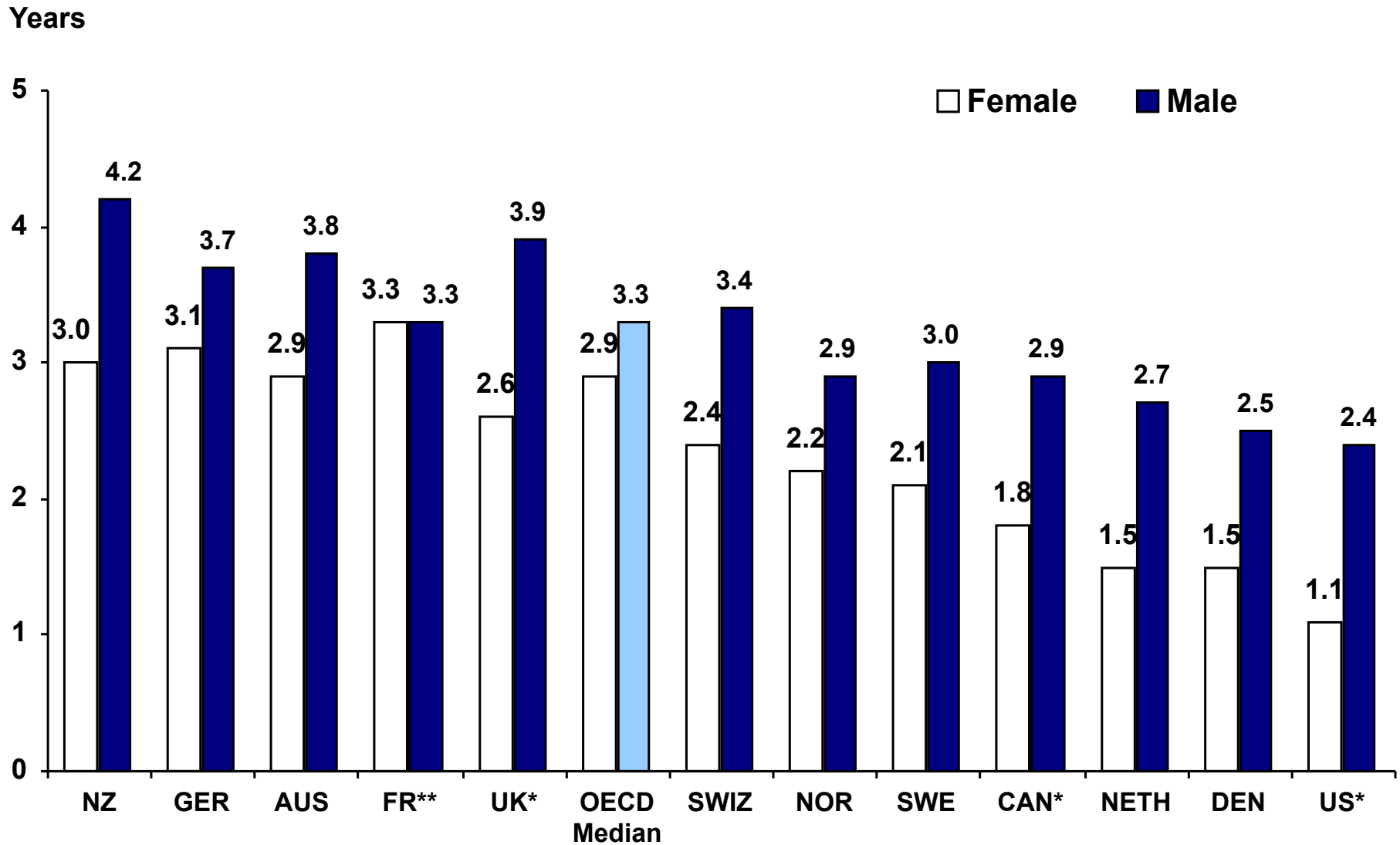
Increase in Life Expectancy at Birth, 1988–2008



* 1987–2007.

Source: OECD Health Data 2010 (Oct. 2010).

Increase in Life Expectancy at Age 65, 1988–2008

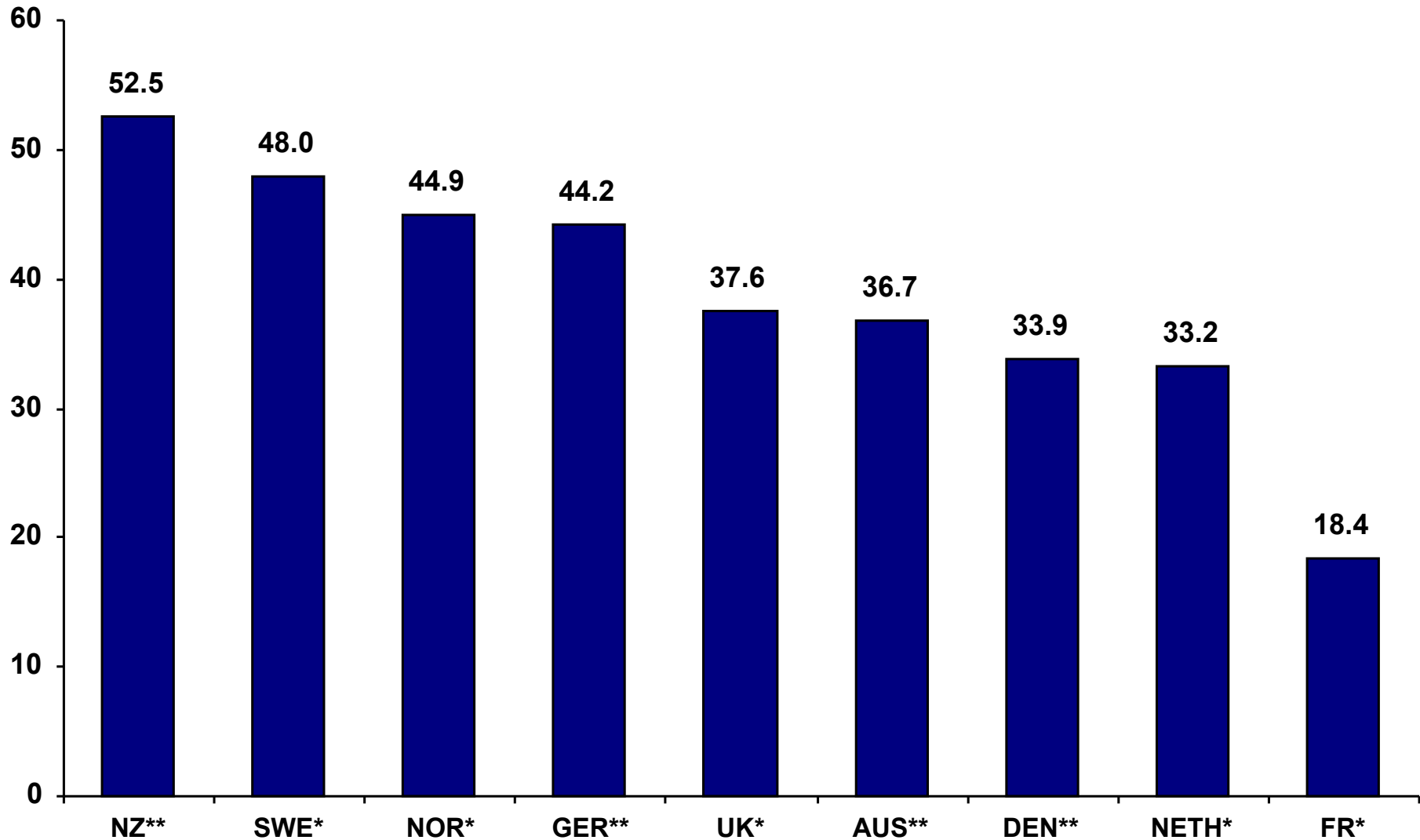


* 1987–2007.

** 1996–2006.

Source: OECD Health Data 2010 (Oct. 2010).

Acute Myocardial Infarction Deaths per 100,000 Population, 2008

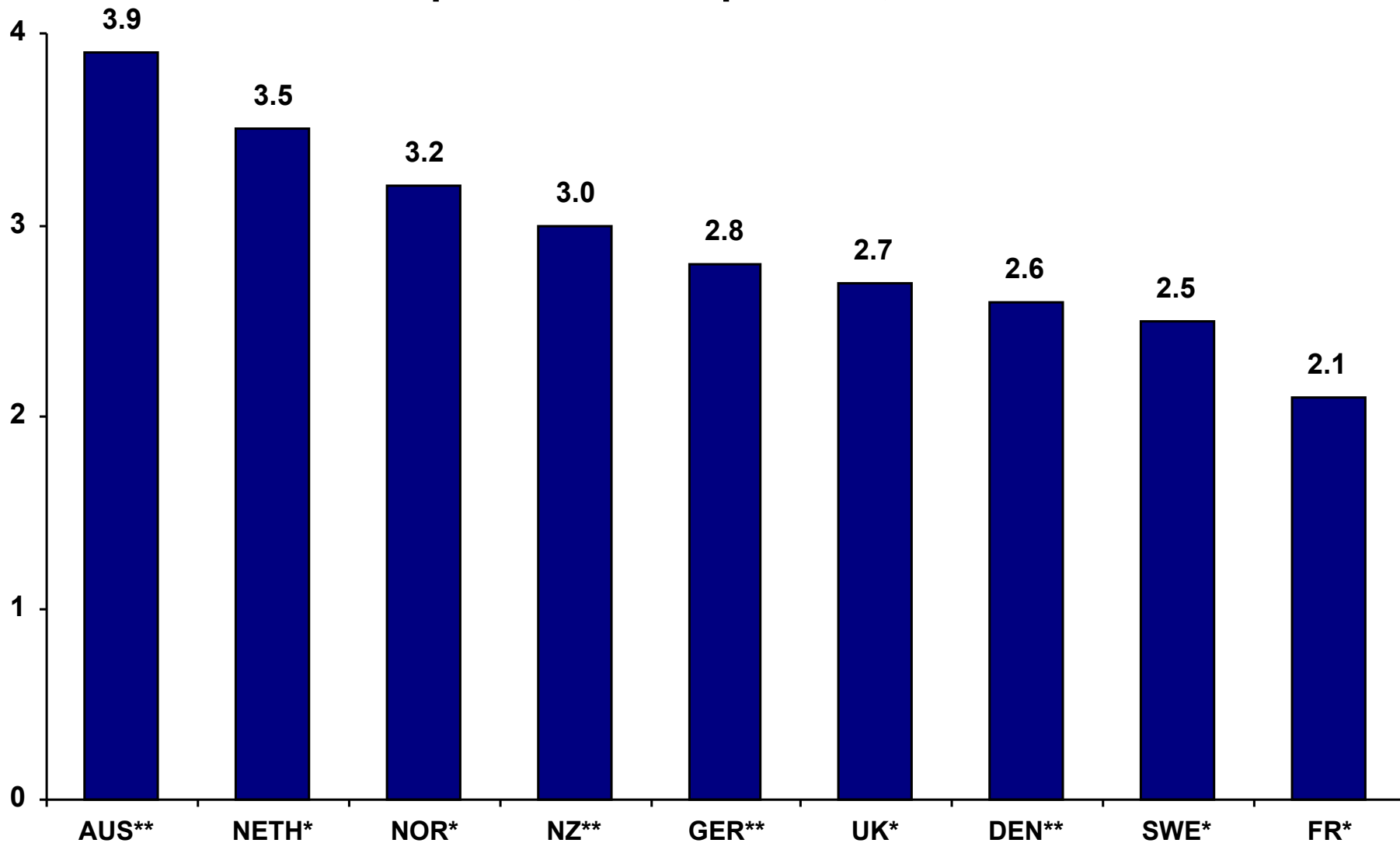


* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).

Bronchitis, Asthma, and Emphysema Deaths per 100,000 Population, 2008

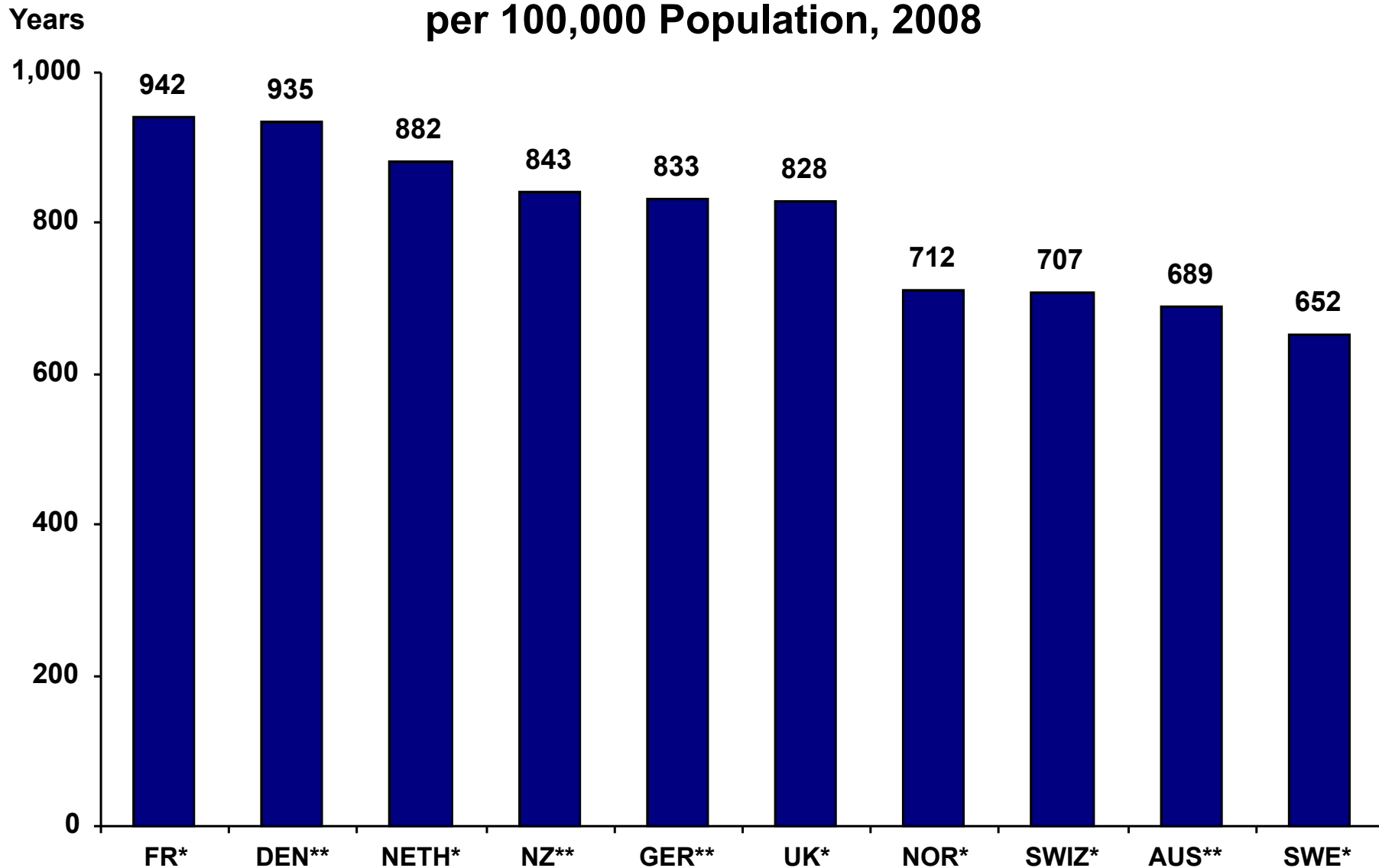


* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).

Potential Years of Life Lost Due to Malignant Neoplasms per 100,000 Population, 2008

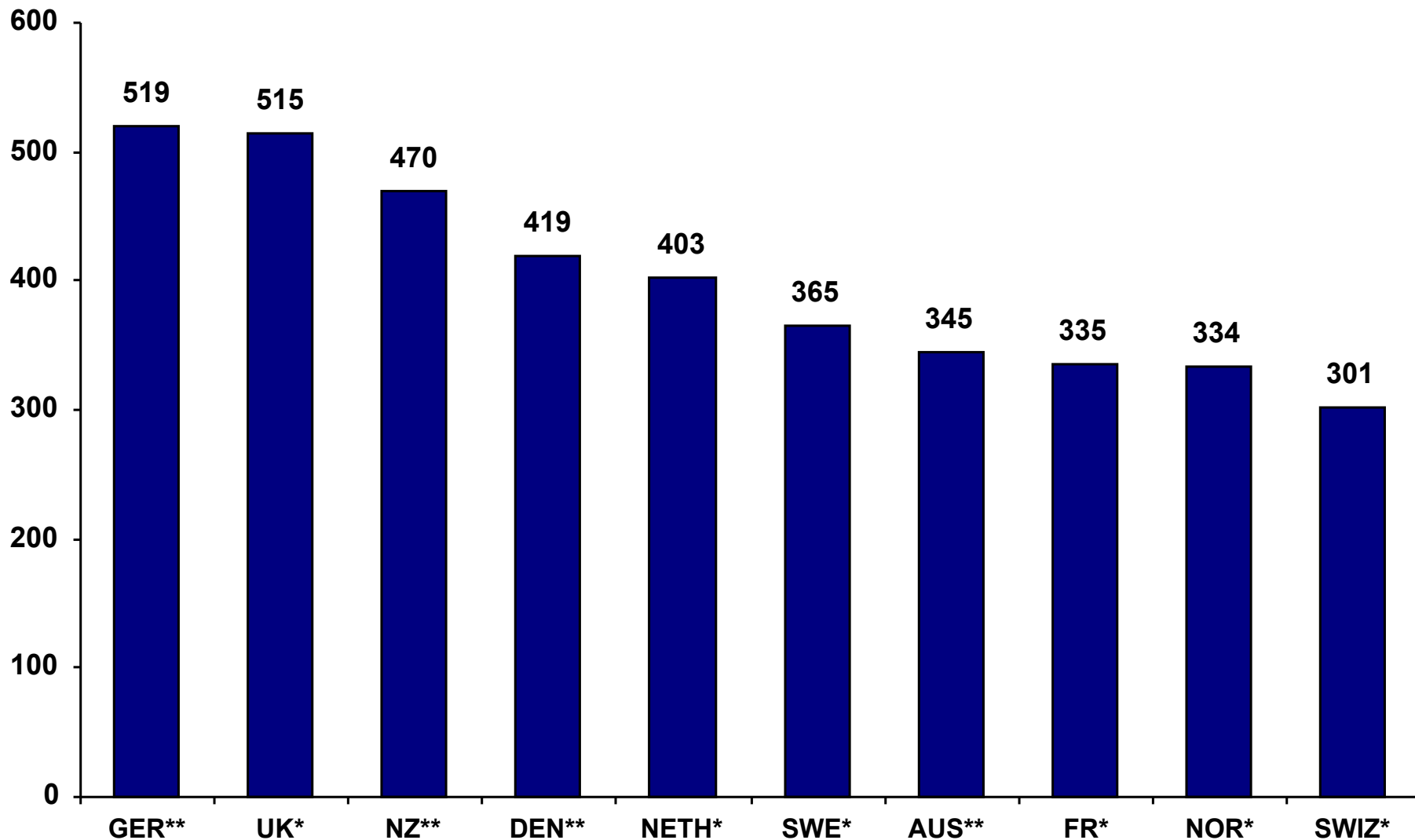


* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).

Potential Years of Life Lost Due to Diseases of the Circulatory System per 100,000 Population, 2008

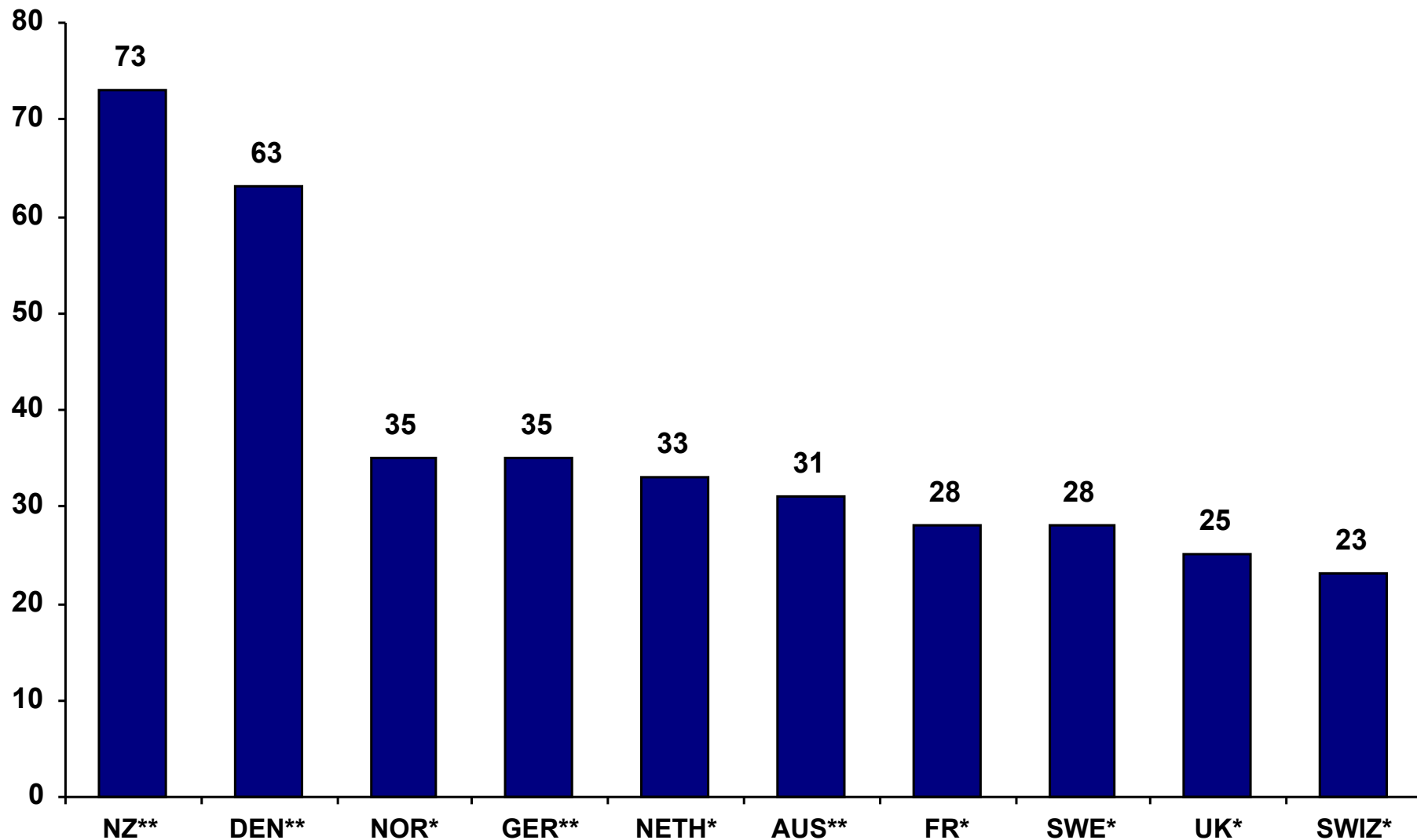


* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).

Potential Years of Life Lost Due to Diabetes per 100,000 Population, 2008

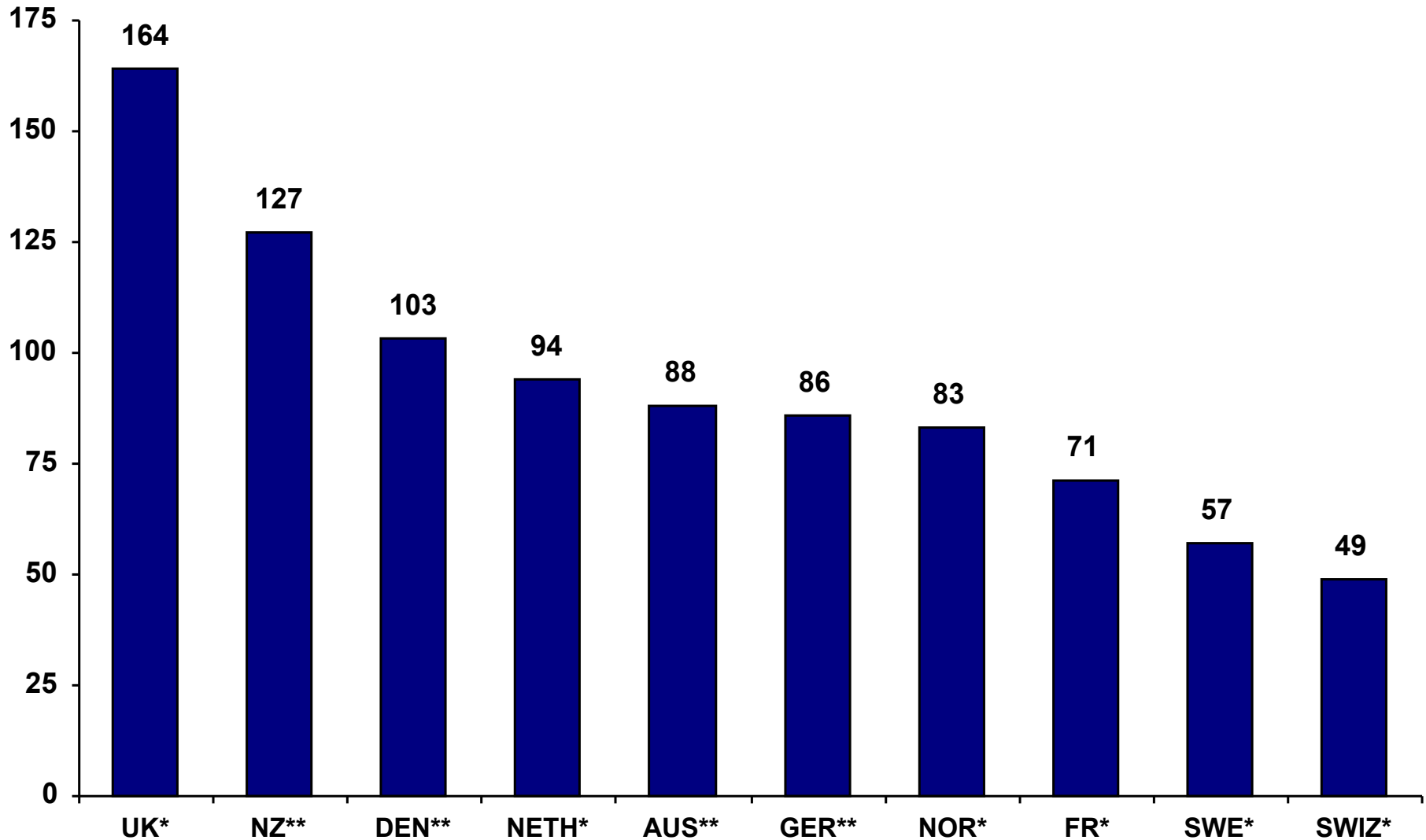


* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).

Potential Years of Life Lost Due to Diseases of the Respiratory System per 100,000 Population, 2008



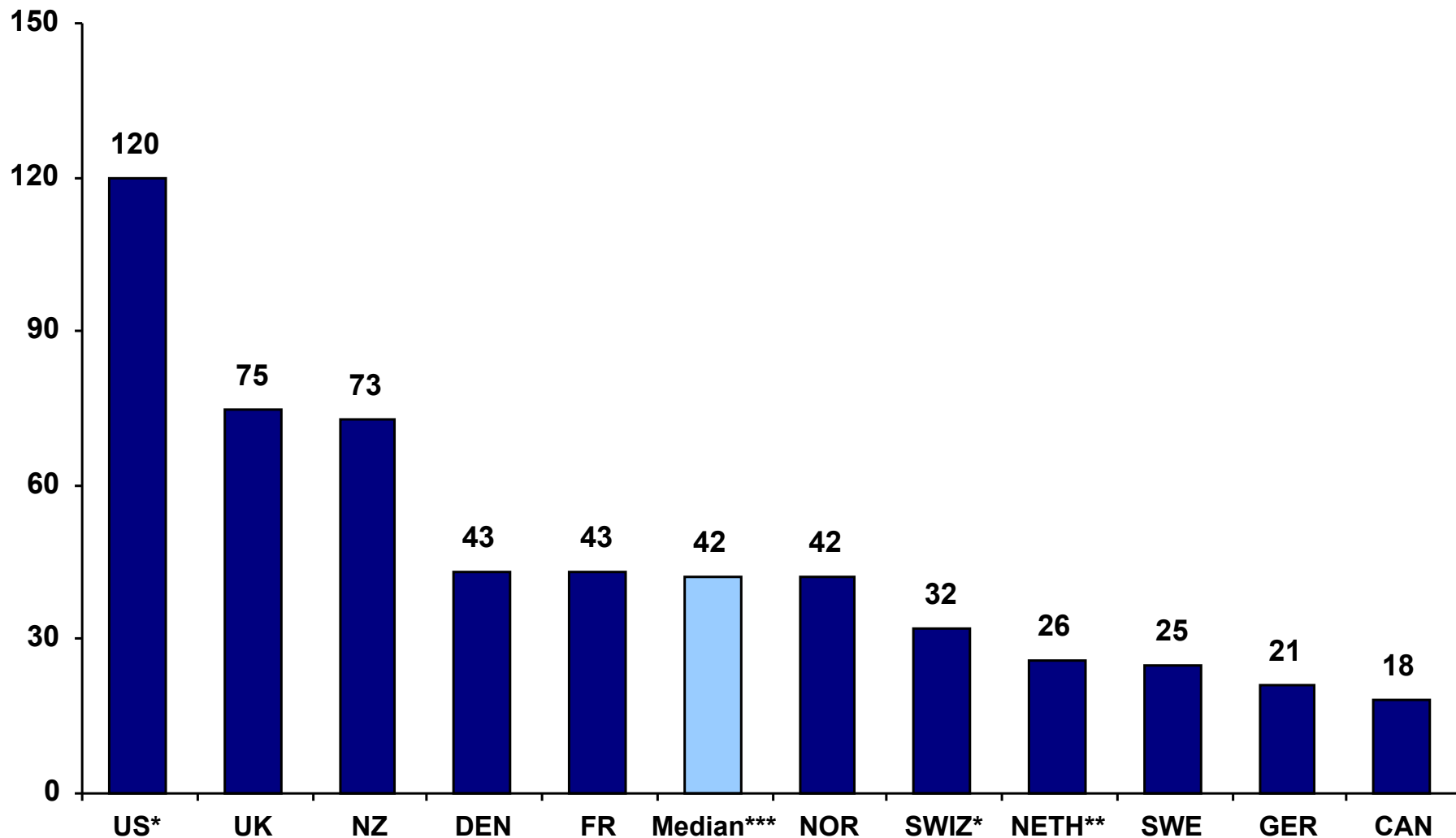
* 2007.

** 2006.

Source: OECD Health Data 2010 (Oct. 2010).

2009 OECD Quality Indicators

Asthma Admission Rates per 100,000 Population Age 15 and Older, 2007



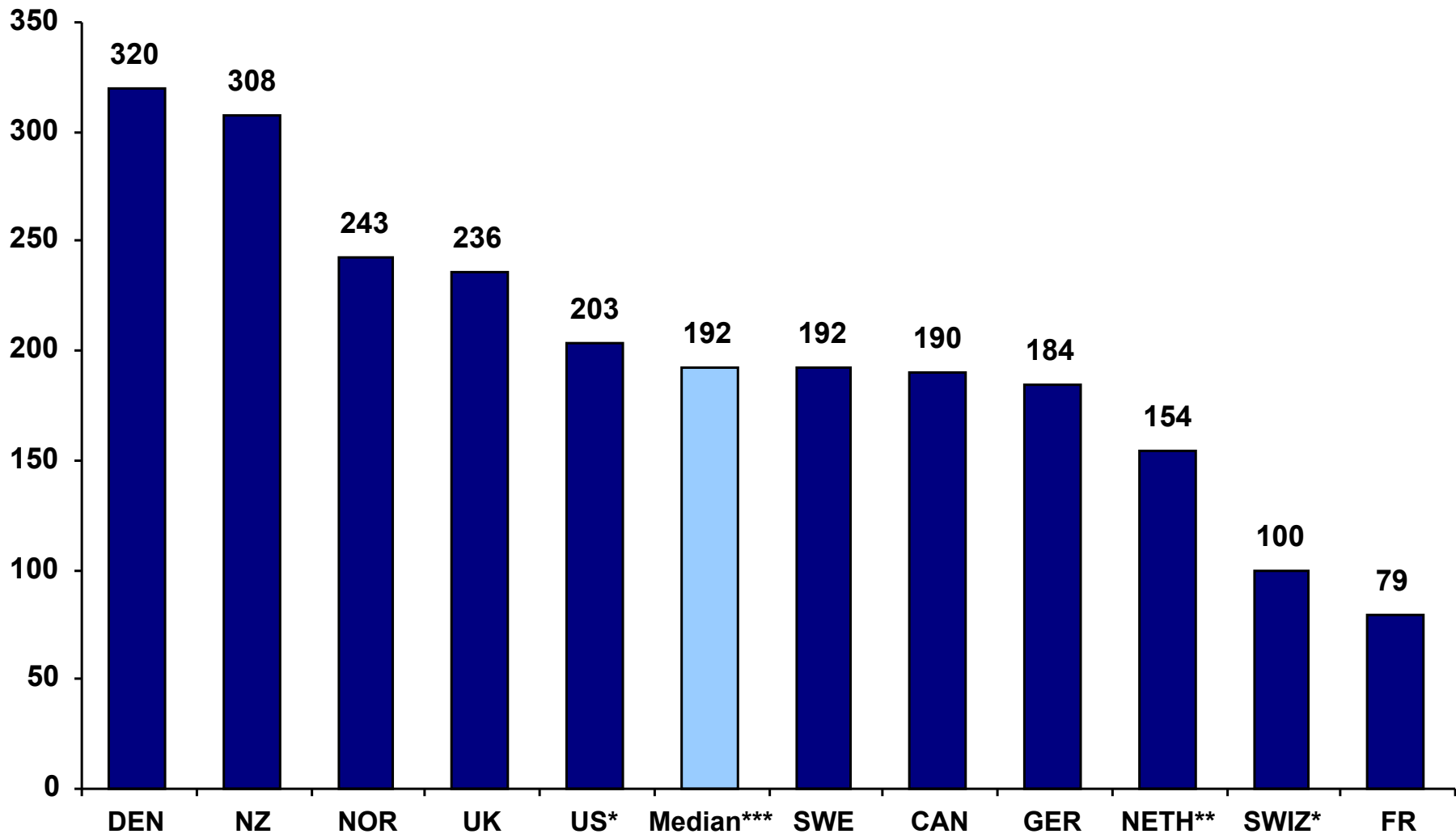
* 2006.

** 2005.

*** Among countries shown.

Source: OECD Health Care Quality Indicators Data 2009.

Chronic Obstructive Pulmonary Disease Admission Rates per 100,000 Population Age 15 and Older, 2007



* 2006.

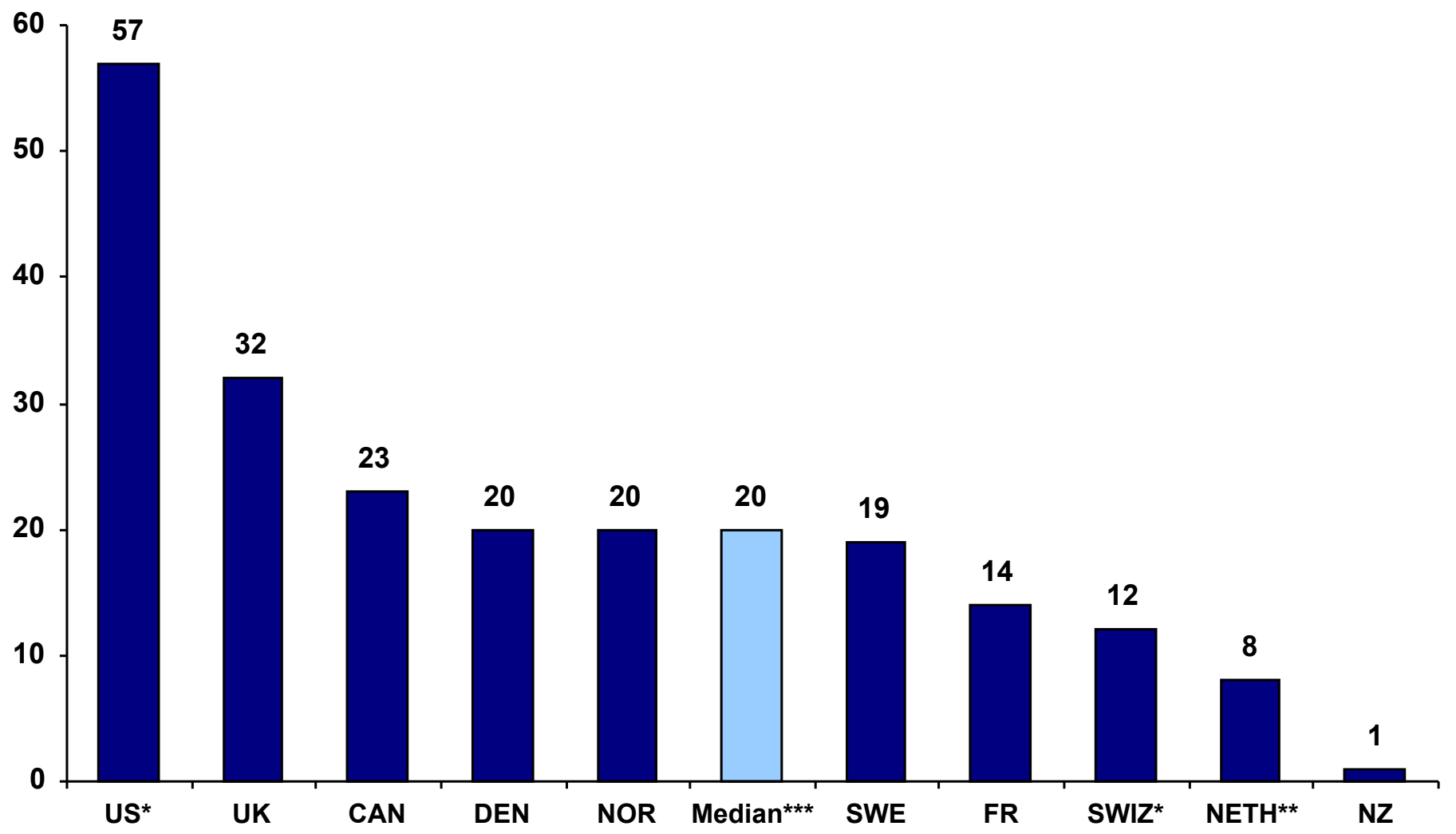
** 2005.

*** Among countries shown.

Source: OECD Health Care Quality Indicators Data 2009.



Diabetes Acute Complications Admission Rates per 100,000 Population Age 15 and Older, 2007

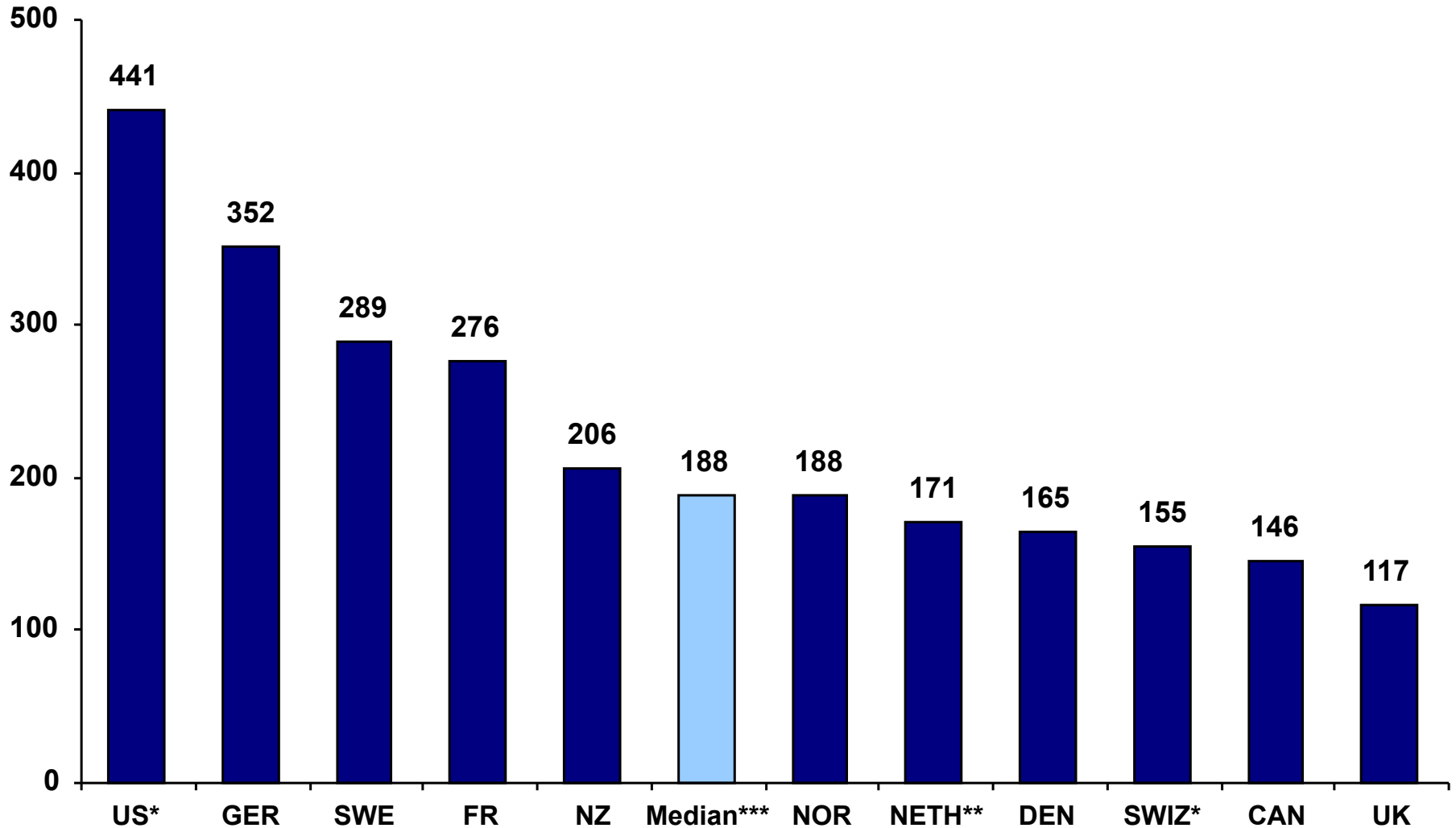


* 2006.
** 2005.
*** Among countries shown.

Source: OECD Health Care Quality Indicators Data 2009.



Congestive Heart Failure Admission Rates per 100,000 Population Age 15 and Older, 2007



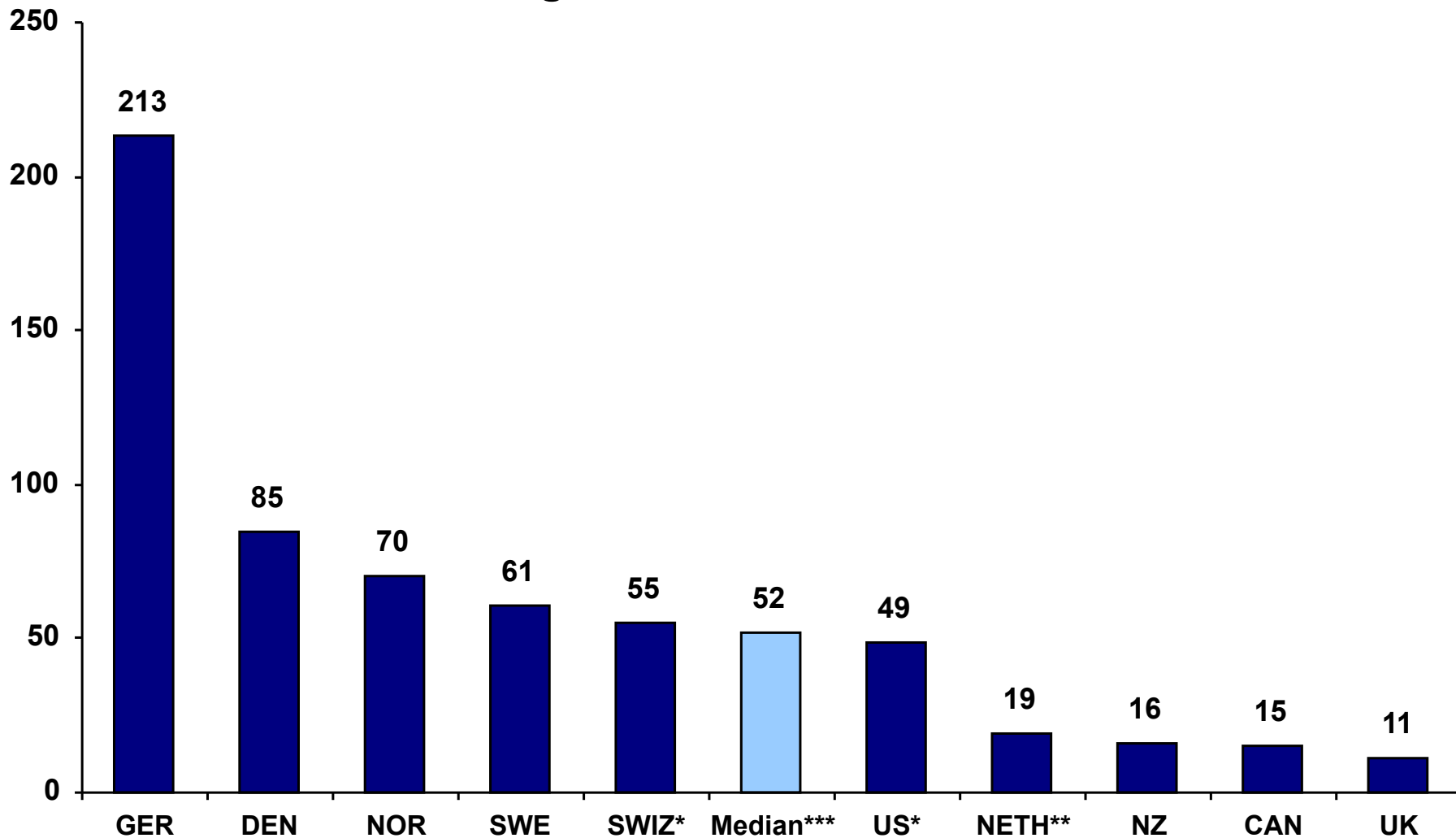
* 2006.

** 2005.

*** Among countries shown.

Source: OECD Health Care Quality Indicators Data 2009.

Hypertension Admission Rates per 100,000 Population Age 15 and Older, 2007



* 2006.

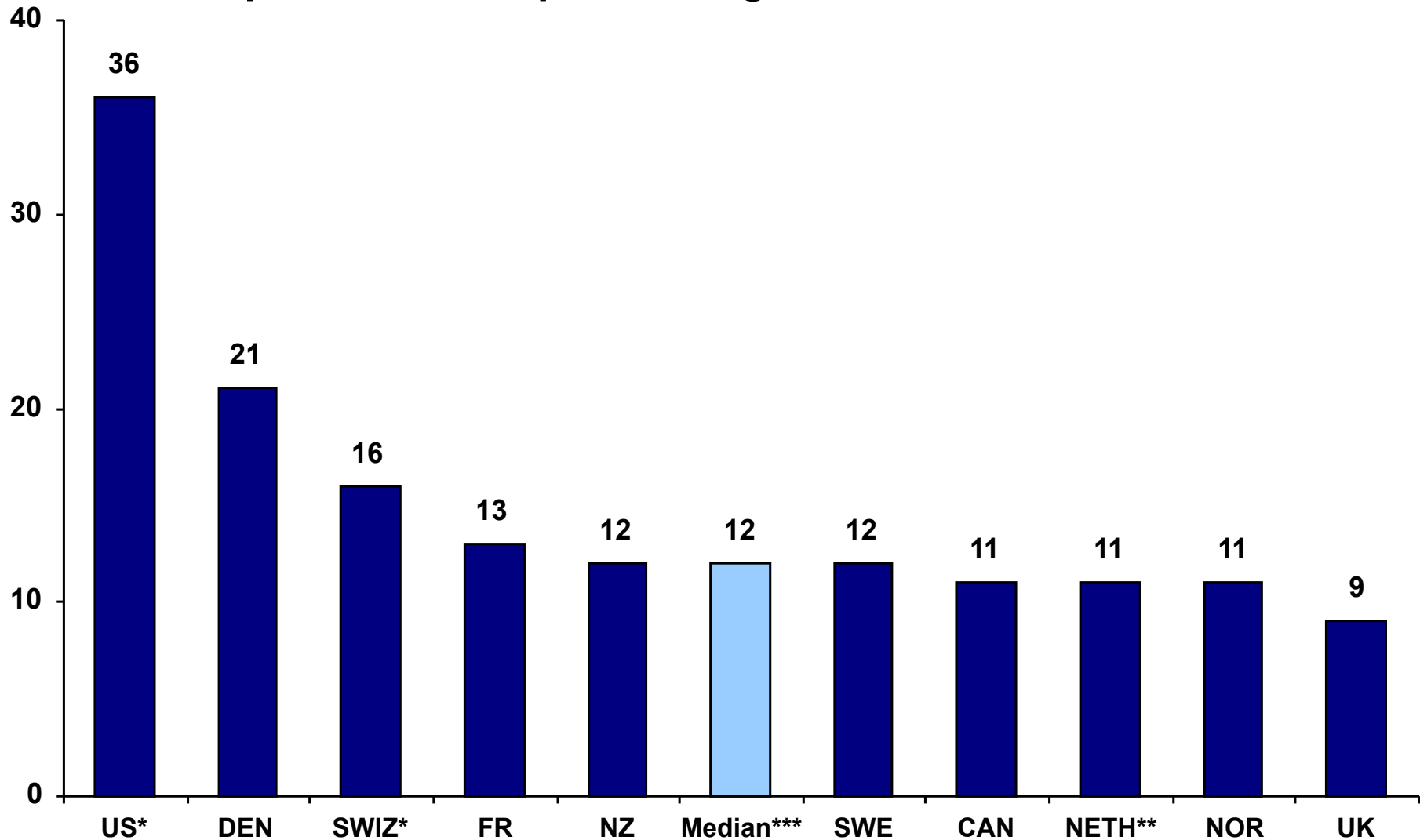
** 2005.

*** Among countries shown.

Source: OECD Health Care Quality Indicators Data 2009.



Diabetes Lower Extremity Amputation Rates per 100,000 Population Age 15 and Older, 2007*

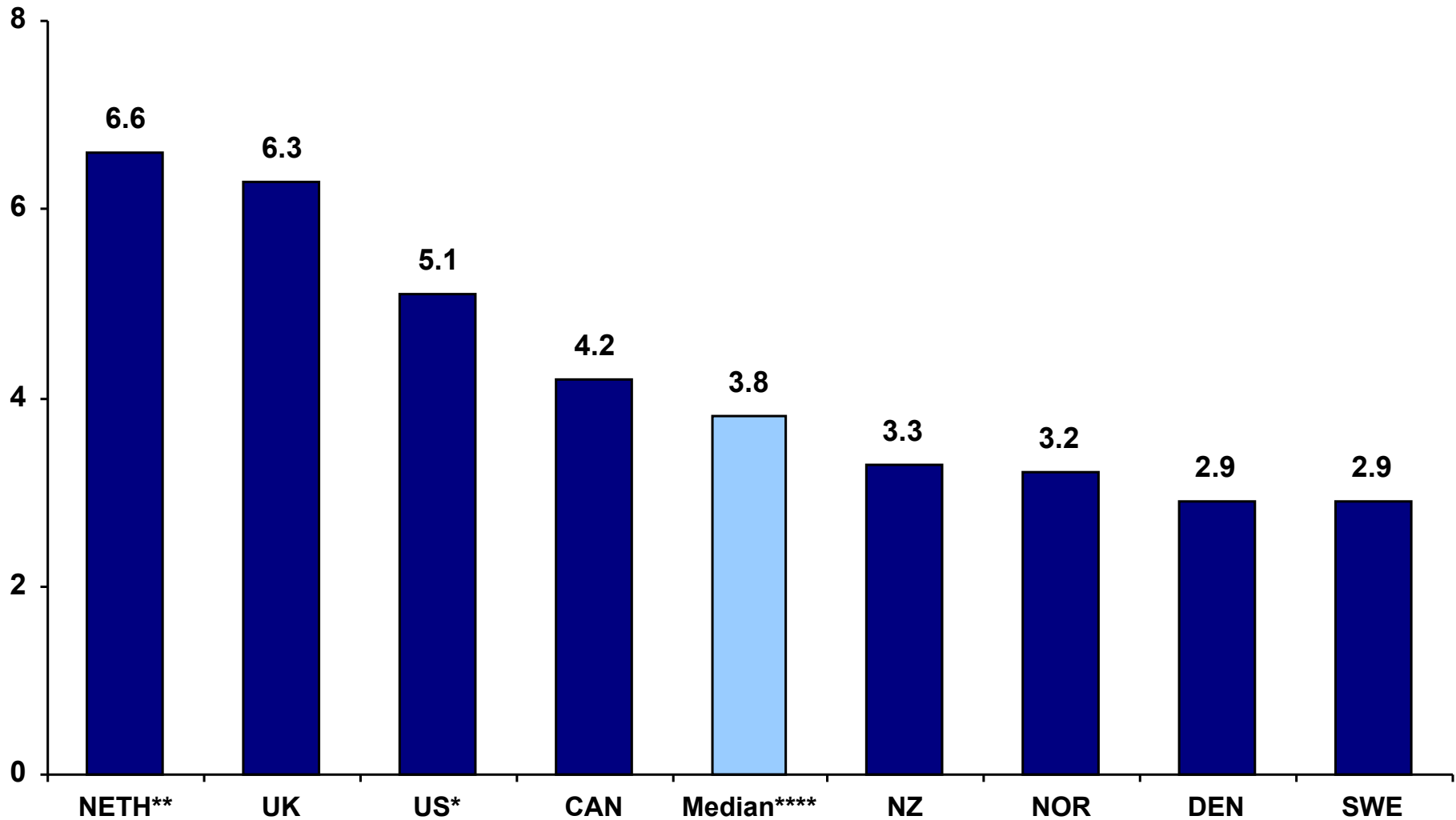


* 2006.

** 2005.

*** Among countries shown.

Mortality After Admission for Acute Myocardial Infarction* per 100 Patients, 2007



* In-hospital case-fatality rates within 30 days of admission.

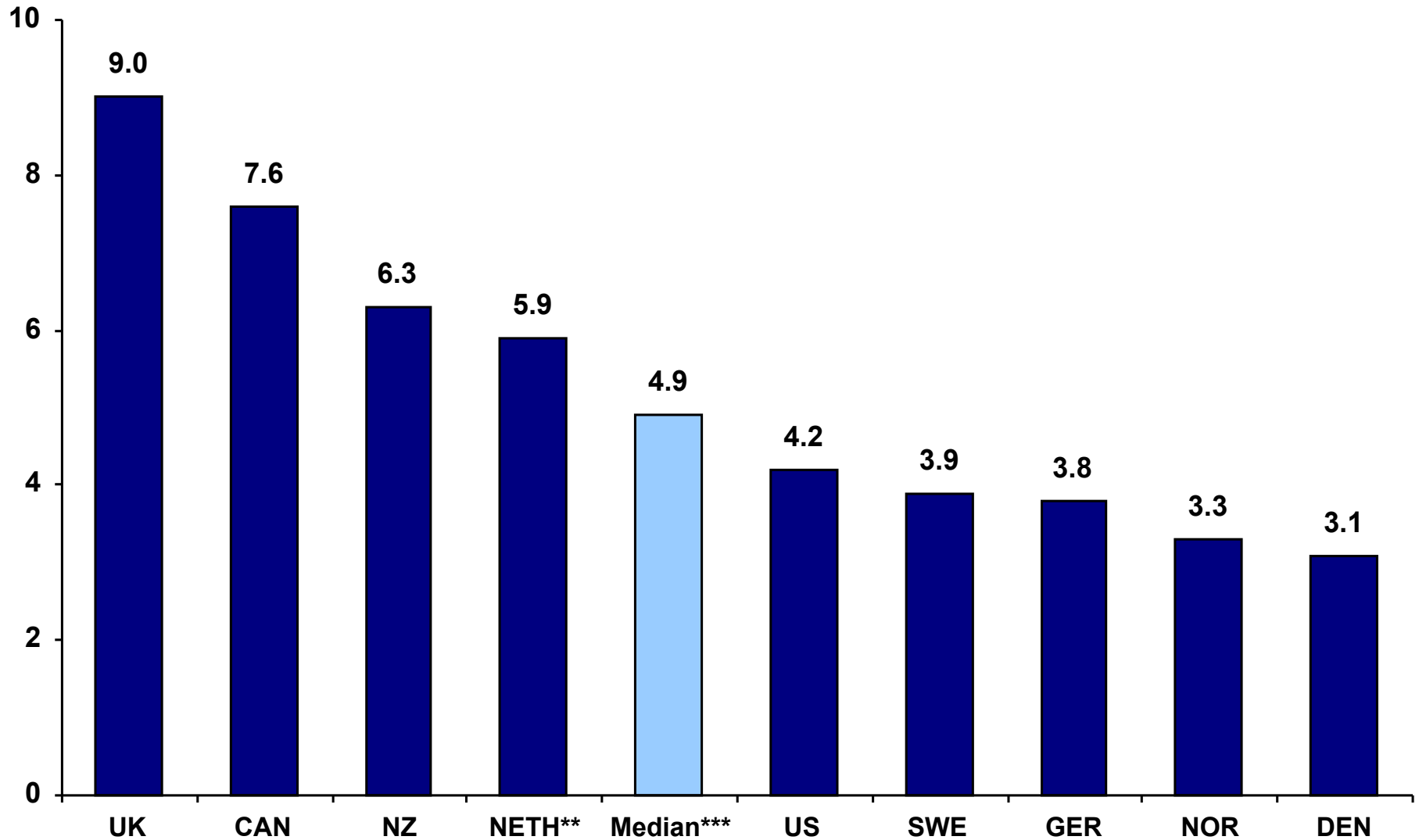
** 2006.

*** 2005.

**** Among countries shown.

Source: OECD Health Care Quality Indicators Data 2009.

Mortality After Admission for Ischemic Stroke* per 100 Patients, 2007 ⁷⁷



* In-hospital case-fatality rates within 30 days of admission.

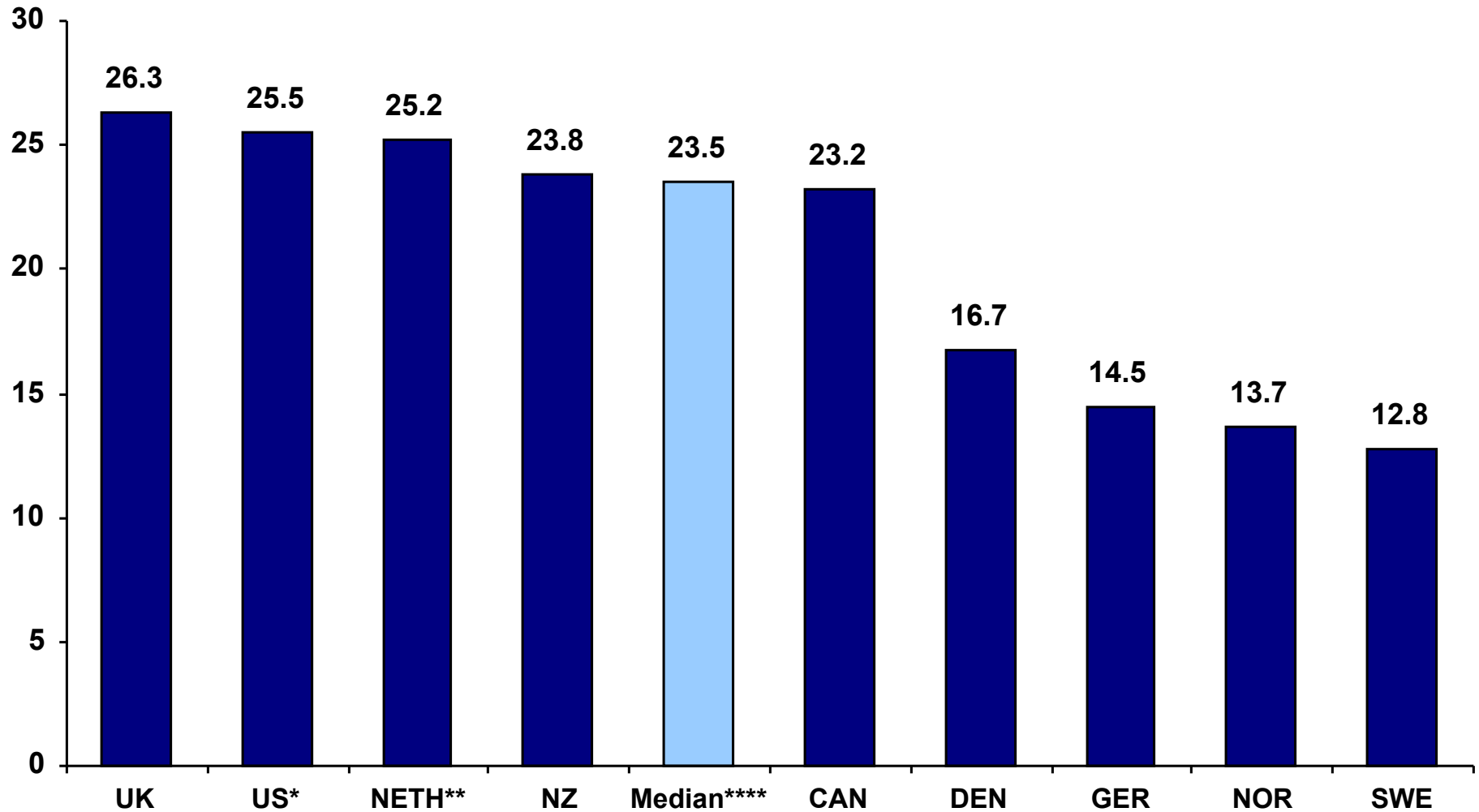
** 2006.

*** Among countries shown.

Source: OECD Health Care Quality Indicators Data 2009.



Mortality After Admission for Hemorrhagic Stroke* per 100 Patients, 2007



* In-hospital case-fatality rates within 30 days of admission.

** 2006.

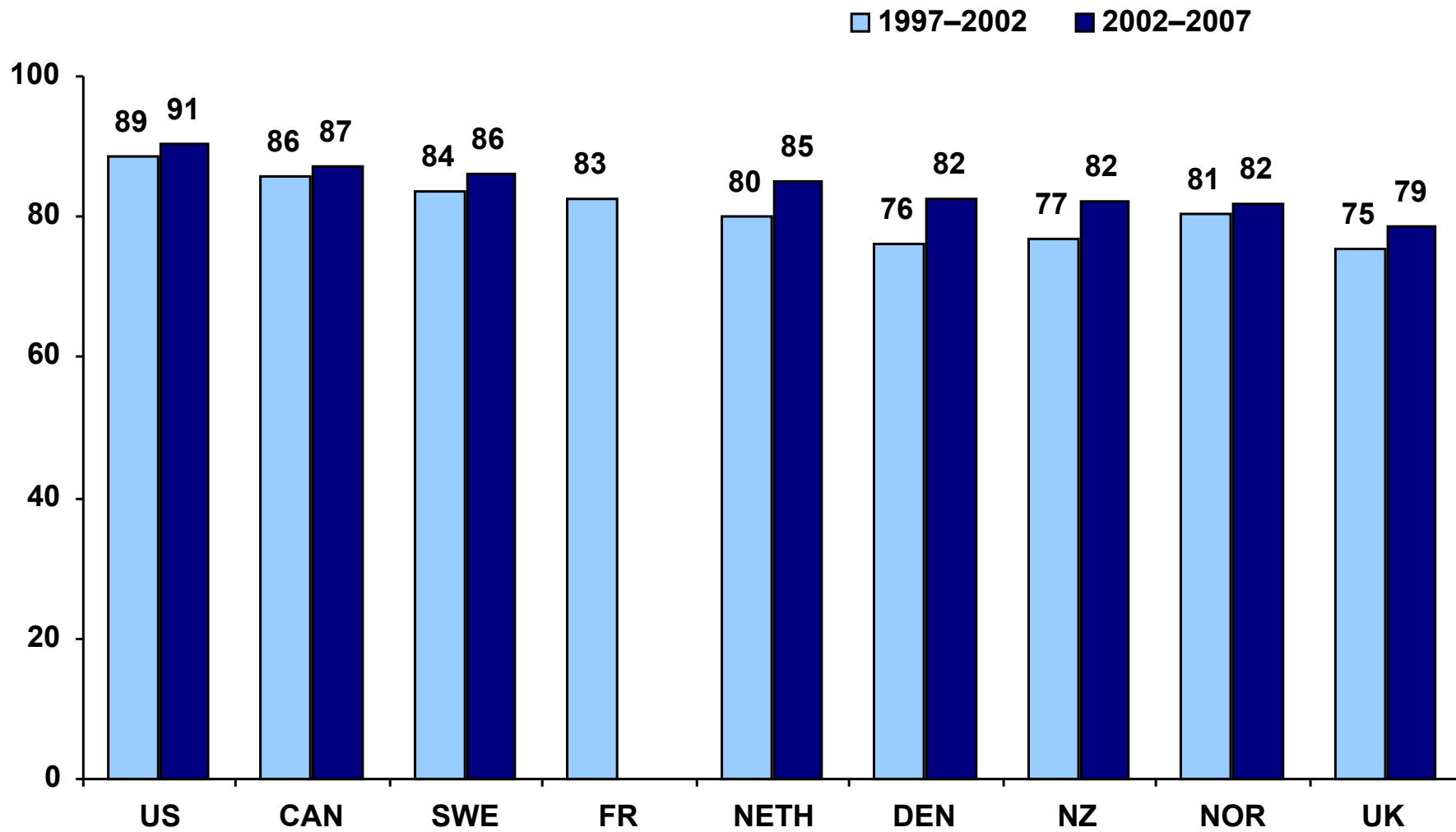
*** 2005.

**** Among countries shown.

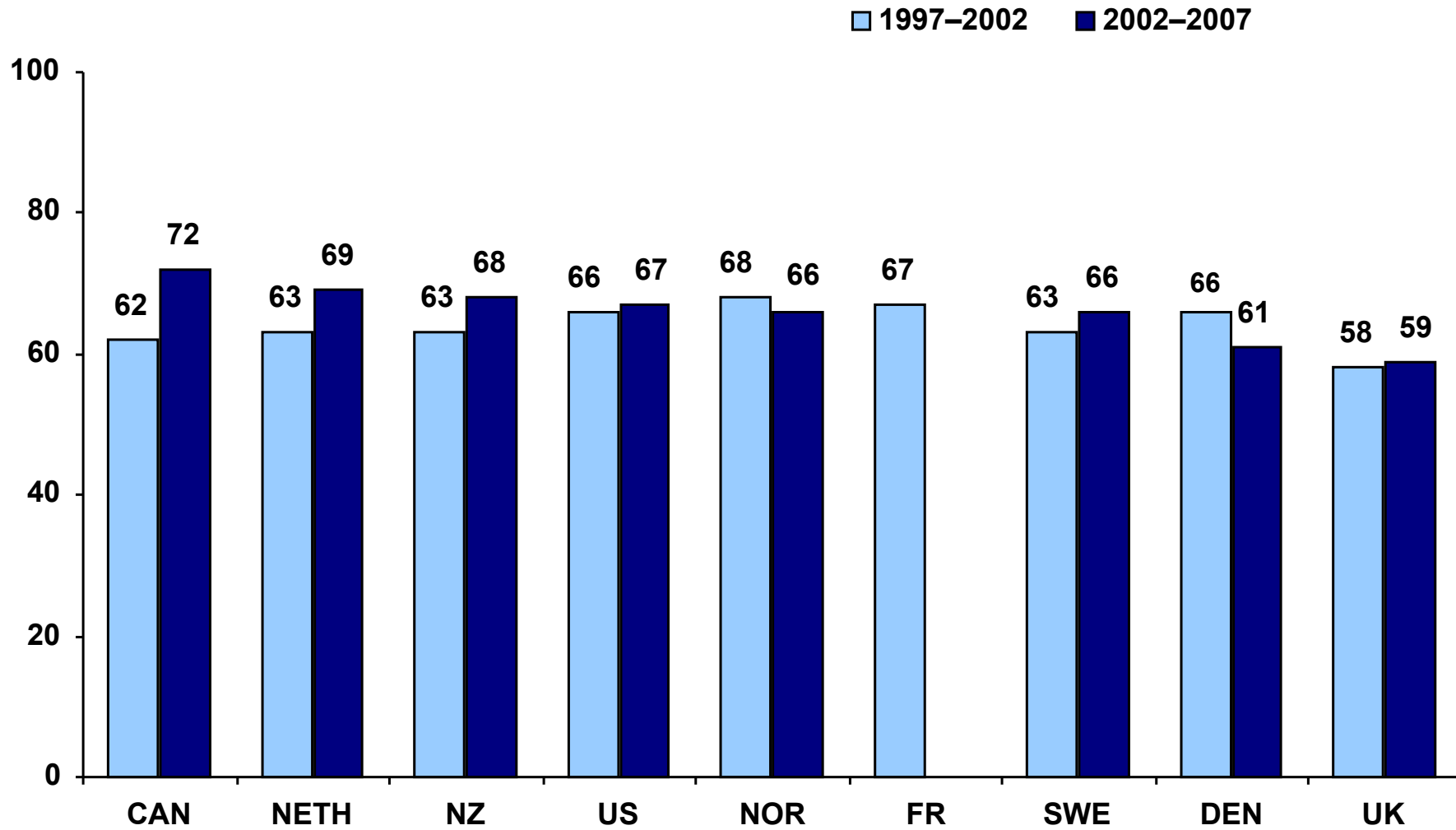
Source: OECD Health Care Quality Indicators Data 2009.



Breast Cancer Five-Year Relative Survival Rate, 1997–2002 and 2002–2007 (or nearest period)



Cervical Cancer Five-Year Relative Survival Rate, 1997–2002 and 2002–2007 (or nearest period)



Colorectal Cancer Five-Year Survival Rate, Latest Available Period

