Multinational Comparisons of Health Systems Data, 2018
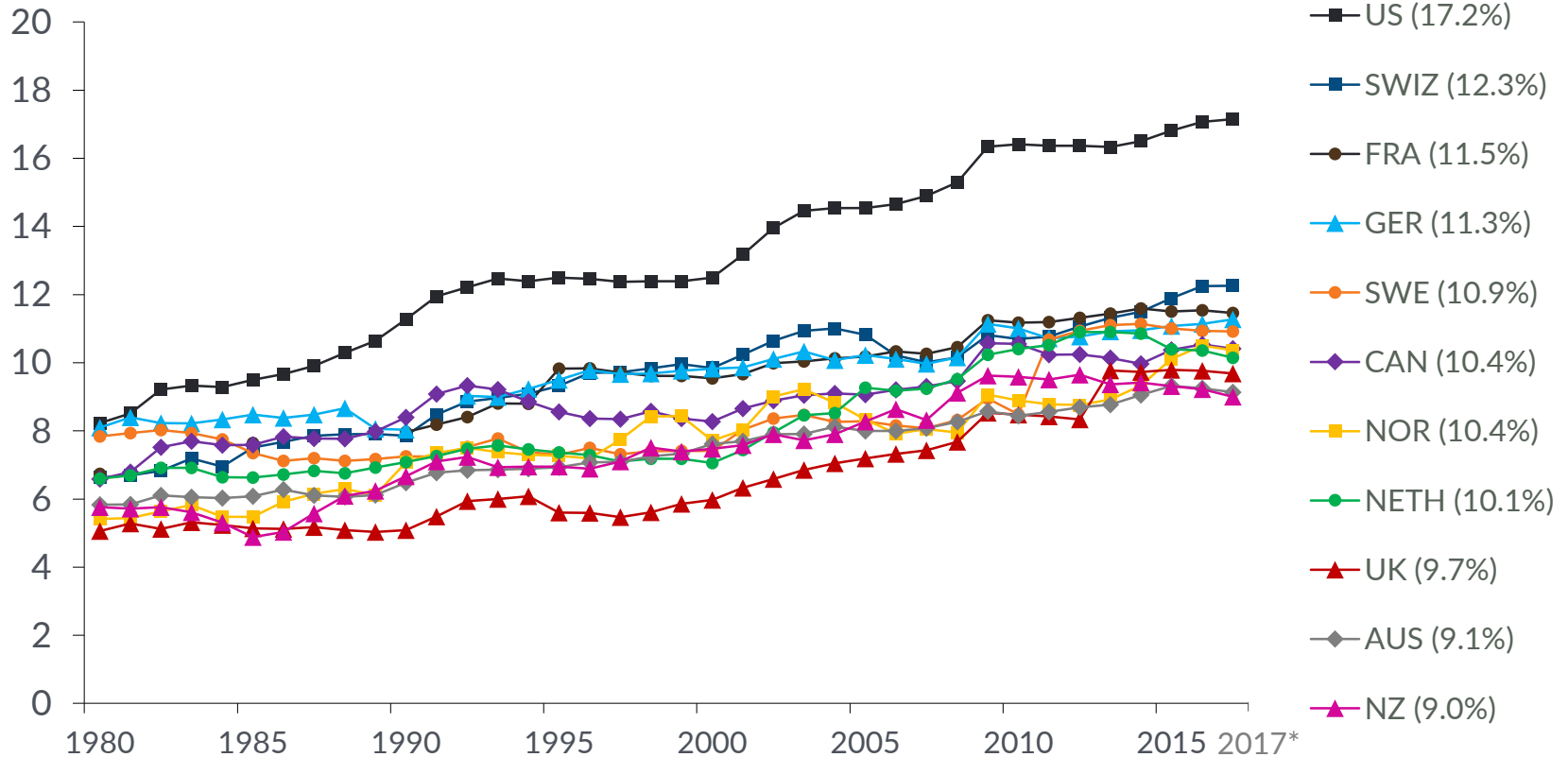
Roosa Tikkanen
The Commonwealth Fund

Health Care Spending as a Percent of GDP, 1980–2017

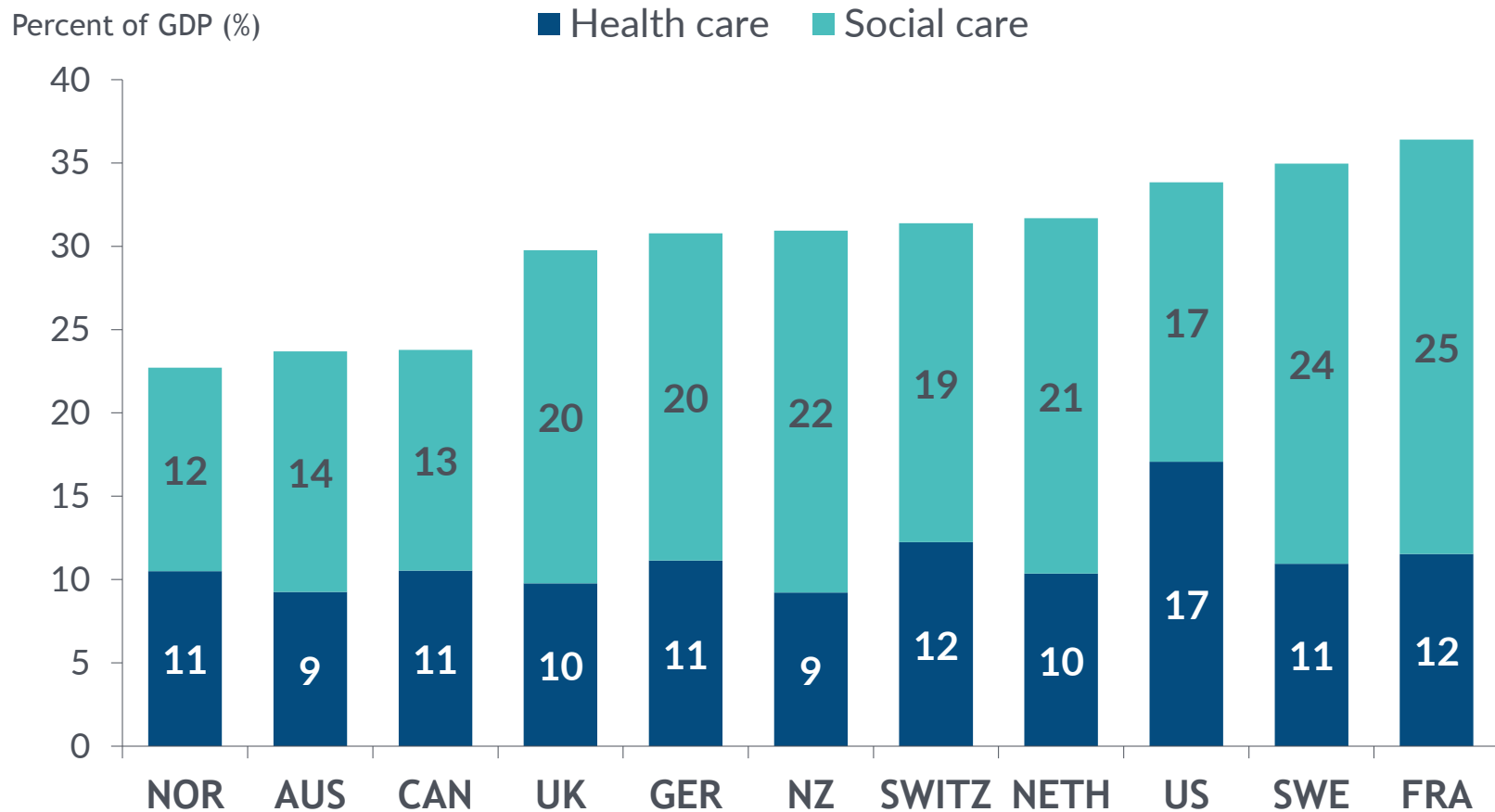*Adjusted for Differences in Cost of Living*

Percent (%) of GDP

2017* data:

- US (17.2%)
- SWIZ (12.3%)
- FRA (11.5%)
- GER (11.3%)
- SWE (10.9%)
- CAN (10.4%)
- NOR (10.4%)
- NETH (10.1%)
- UK (9.7%)
- AUS (9.1%)
- NZ (9.0%)

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Notes: Current expenditures on health per capita, adjusted for current US$ purchasing power parities (PPPs). Based on System of Health Accounts methodology, with some differences between country methodologies (Data for Australia uses narrower definition for long-term care spending than other countries). *2017 data are provisional or estimated.
Source: OECD Health Data 2018.

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SPENDING & COSTS

Health and Social Care Spending as a Percent of GDP, 2016 or Latest Available Year

Percent of GDP (%)

■ Health care   ■ Social care

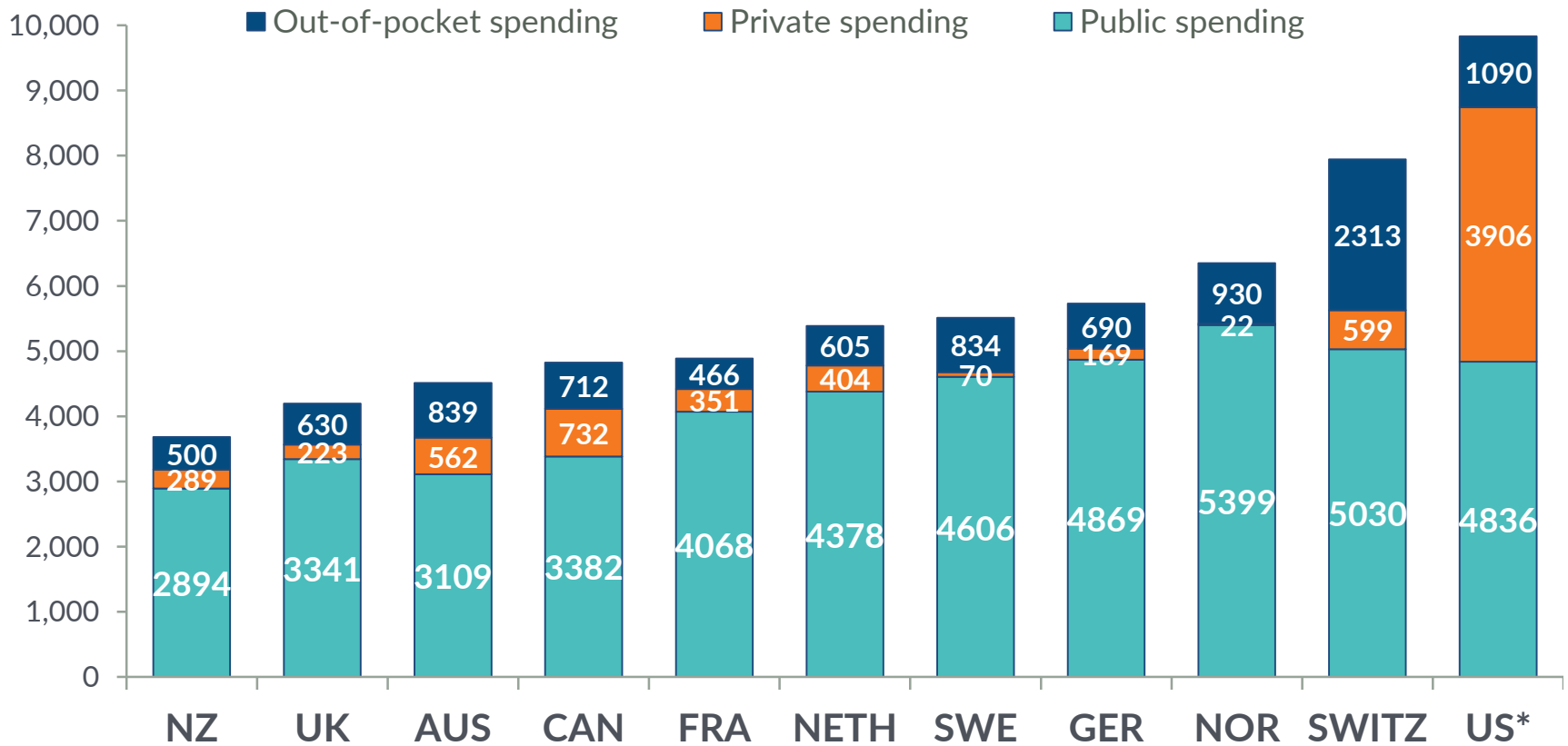|	NOR	AUS	CAN	UK	GER	NZ	SWITZ	NETH	US	SWE	FRA
Social care	12	14	13	20	20	22	19	21	17	24	25
Health care	11	9	11	10	11	9	12	10	17	11	12

Source: OECD Social Expenditures database (SOCX), OECD Health data 2018.

Data: Expenditures reflect the latest (2013-2016) available data for combined public and private spending. To avoid double counting, social care expenditures reflect total social spending in SOCX excluding health spending included in SOCX, while health care expenditures reflect total health spending in OECD Health Data excluding long-term care (social), health promotion with multi-sectoral approach, and gross fixed capital formation.

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SPENDING & COSTS

Health Care Spending per Capita by Source of Funding, 2017

Adjusted for Differences in Cost of Living

Dollars ($US)

Legend:
- Out-of-pocket spending
- Private spending
- Public spending

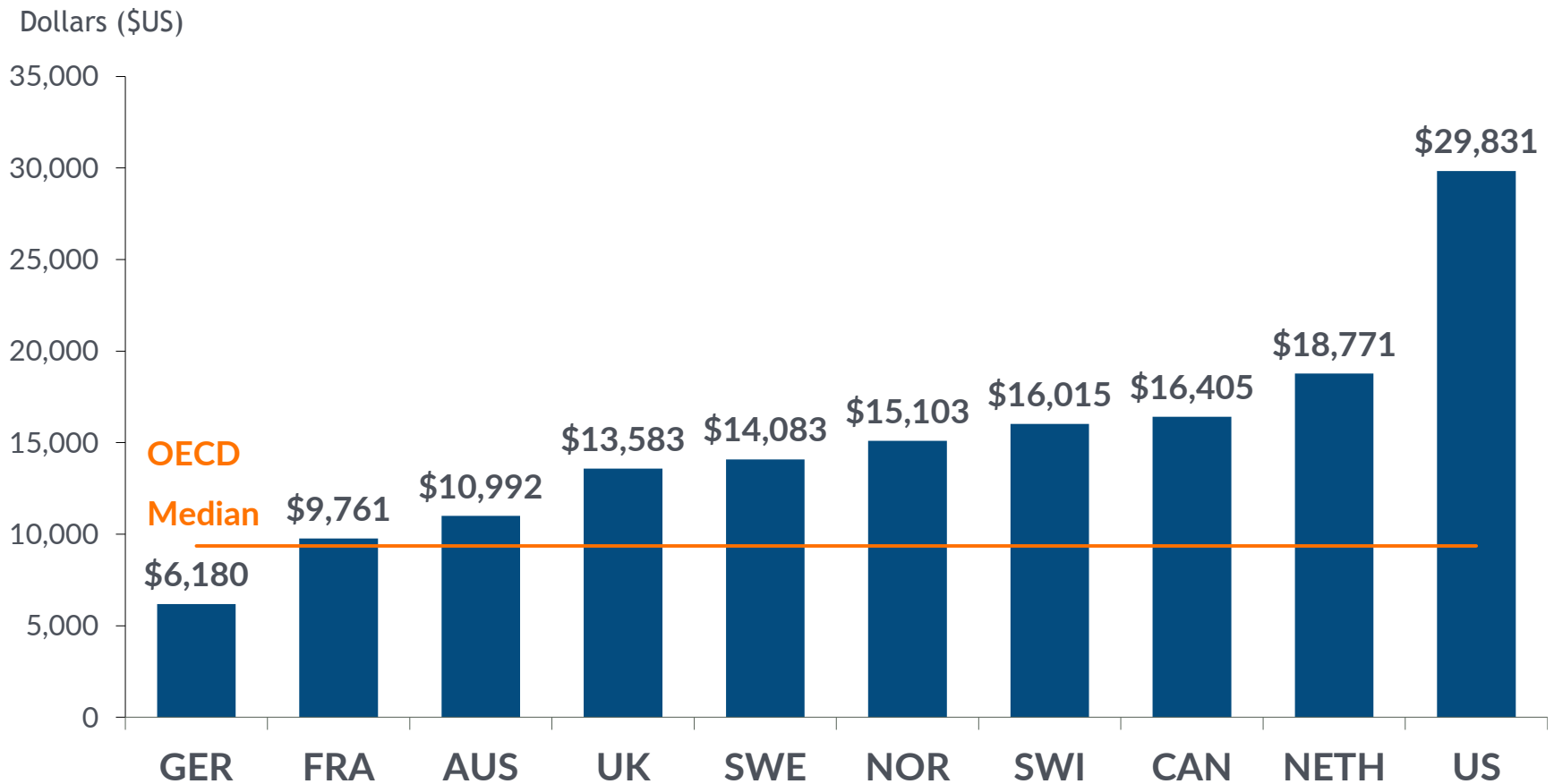| Country	Public spending	Private spending	Out-of-pocket spending
NZ	2894	289	500
UK	3341	223	630
AUS	3109	562	839
CAN	3382	732	712
FRA	4068	351	466
NETH	4378	404	605
SWE	4606	70	834
GER	4869	169	690
NOR	5399	22	930
SWITZ	5030	599	2313
US*	4836	3906	1090

Data from 2017 or most recent year: 2016 for FRA, SWITZ, UK and the US, and 2015 for AUS. Current expenditures on health, adjusted for US$ purchasing power parities (PPPs). 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.
*NOTE: For the US, spending in the 'Compulsory private insurance schemes' (HF122) category has been reclassified into the 'Voluntary health insurance schemes' (HF21) category, given that the individual mandate will end starting in 2019.
Source: OECD Health Data 2018.

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Hospital Spending per Discharge, 2016

Adjusted for Differences in Cost of Living

Dollars ($US)

OECD Median

GER	FRA	AUS	UK	SWE	NOR	SWI	CAN	NETH	US
$6,180	$9,761	$10,992	$13,583	$14,083	$15,103	$16,015	$16,405	$18,771	$29,831

Data for 2016 or nearest year; 2015 for AUS, NOR, US. No recent data for NZ (since 2007). Data calculated as: (Current expenditures on hospitals in current prices, current PPPs / Number of discharges). For the US, no data is available for discharges since 2010; the 2015 value was estimated based on total discharges in 2015, adjusted using the average ratio between discharges and admissions in 2000 and 2010.
Source: OECD Health Data 2018.
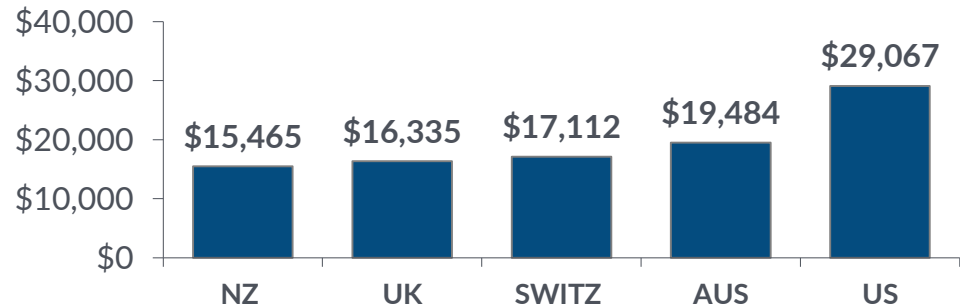
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Spending on Hospitals, Physicians, and Prescription Drugs

Percent (%) of current expenditure on health

	Hospitals	Physicians in Medical Practices[†]	Prescription Drugs
Australia	44.3	14.7	9.7
Canada	29.3	16.6	15.0
France	38.4	9.1	11.4
Germany	29.1	14.6	12.8
Netherlands	34.5	7.9	N/A
New Zealand	N/A	N/A	N/A
Norway	40.2	7.6	6.4
Sweden	38.5	N/A	6.7
Switzerland	35.3	19.4	10.2
UK	41.7	7.6	N/A
US	34.0	16.4	10.3
OECD median	38.4	7.9	11.7

Data for 2016, except AUS 2015. No recent data for New Zealand (since 2007). [†] Including offices of general medical practitioners, mental medical specialists and other medical specialists. Excludes dental practices, other health care practitioners such as paramedical, chiropractors, optometrists, physical, occupation and speech therapists, and ambulatory health care centers such as family planning, mental health and substance abuse, free-standing ambulatory surgery and dialysis care centers.
Source: OECD Health Data, 2018.

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Total Hospital and Physician Costs, 2015

Hip Replacements

$15,465	$16,335	$17,112	$19,484	$29,067
NZ	UK	SWITZ	AUS	US

Angioplasty

$7,264	$10,066	$11,164	$13,677	$31,620
UK	SWITZ	AUS	NZ	US

Cataract Surgery

$2,114	$2,740	$3,037	$3,145	$3,530
SWITZ	NZ	AUS	UK	US

Source: International Federation of Health Plans, 2015.

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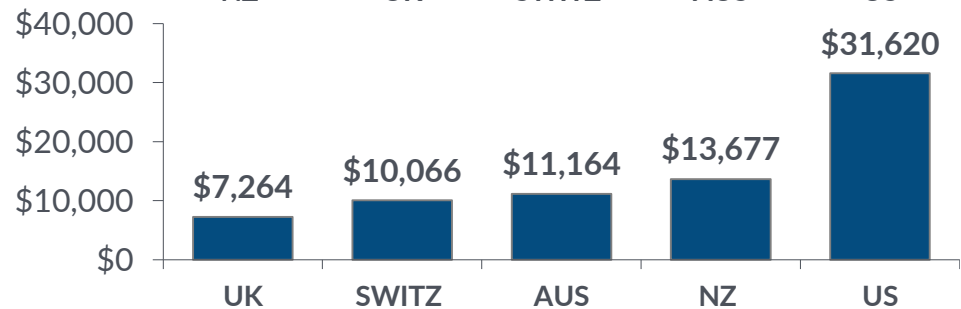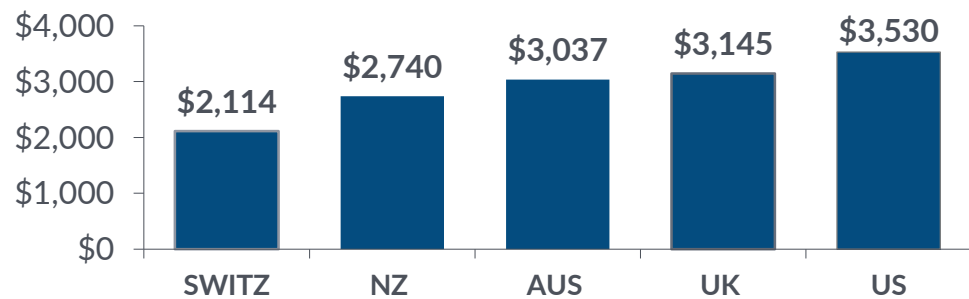
Long-Term Care Spending, 2016

Percent (%) of current expenditure on health

Percent (%)

Includes health components of LTC spending, including inpatient, day, outpatient and home-based LTC, but excluding social components of LTC spending. Please note that definitions vary between countries: US data reflects nursing homes only and does not include home-based care; ancillary services are not included in total LTC spending for Australia; and day and outpatient components are not included for the Netherlands.

Data from 2016, except AUS (2015). No recent data for NZ (since 2007).

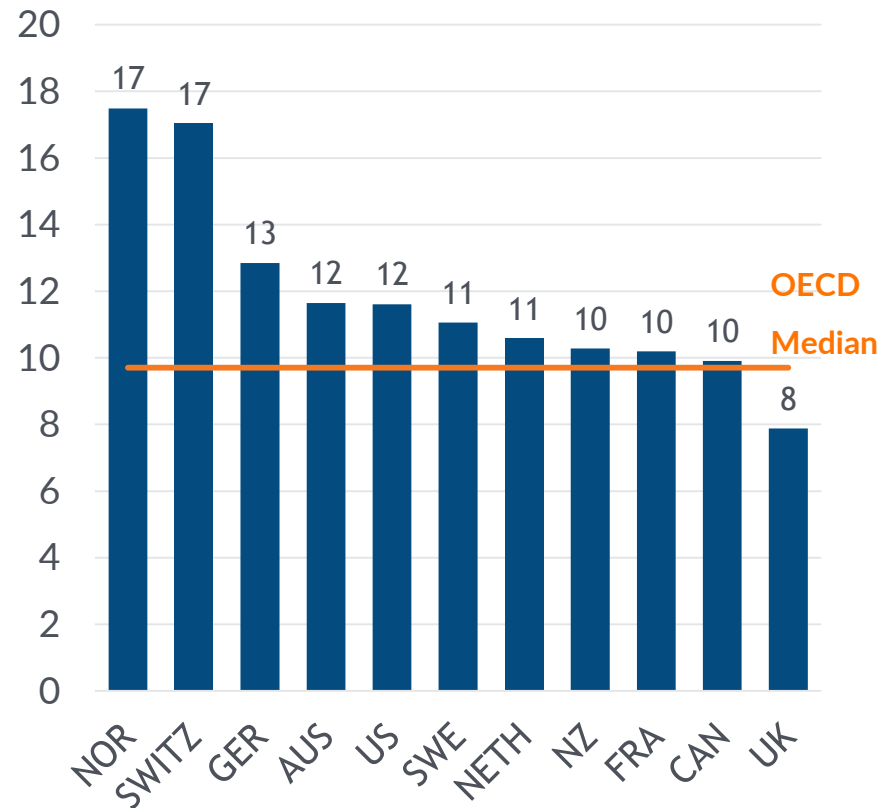Source: OECD Health Data, 2018.

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Physicians and Nurses, 2016

Practicing physicians per 1,000 population
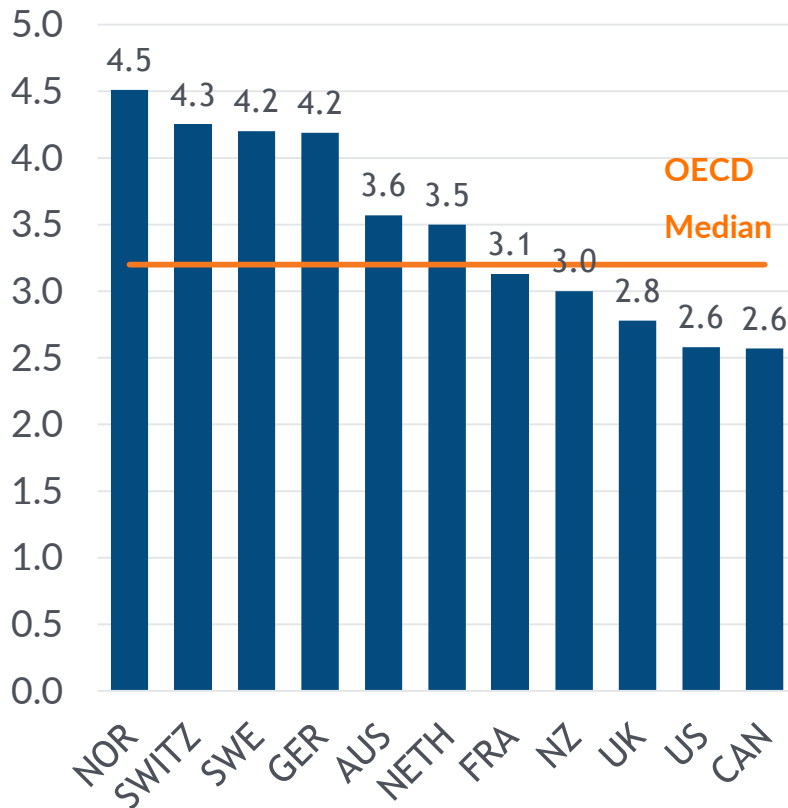
Practicing nurses per 1,000 population

OECD Median

Data: 2016, except SWE (2015).
Source: OECD Health Data, 2018.

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Acute Care Hospital Beds, 2016

Beds per 1,000 population

OECD Median

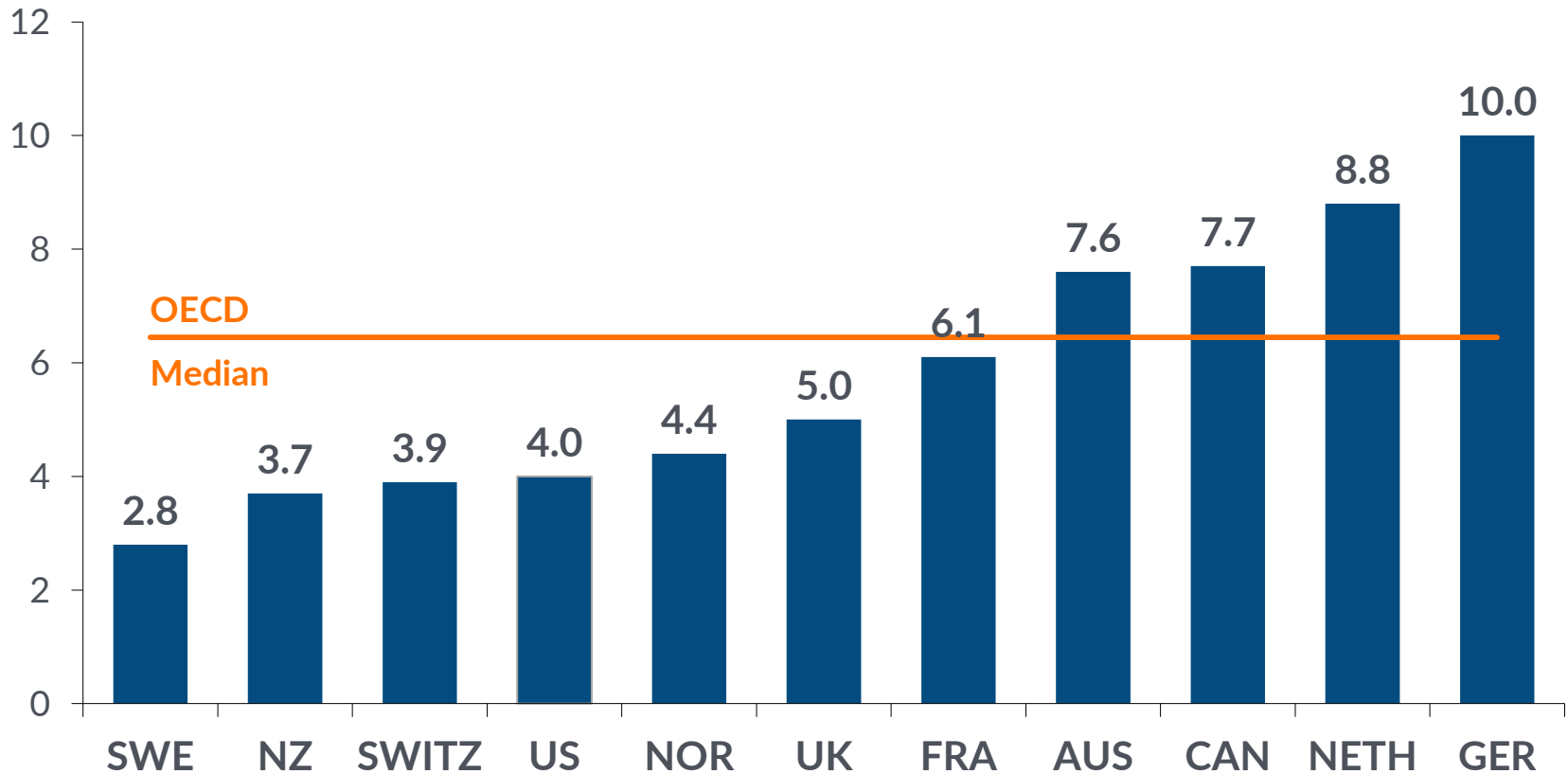| CAN	SWE	US	NZ	FRA	NETH	NOR	SWI	GER
2.0	2.2	2.5	2.7	3.1	3.2	3.3	3.7	6.1
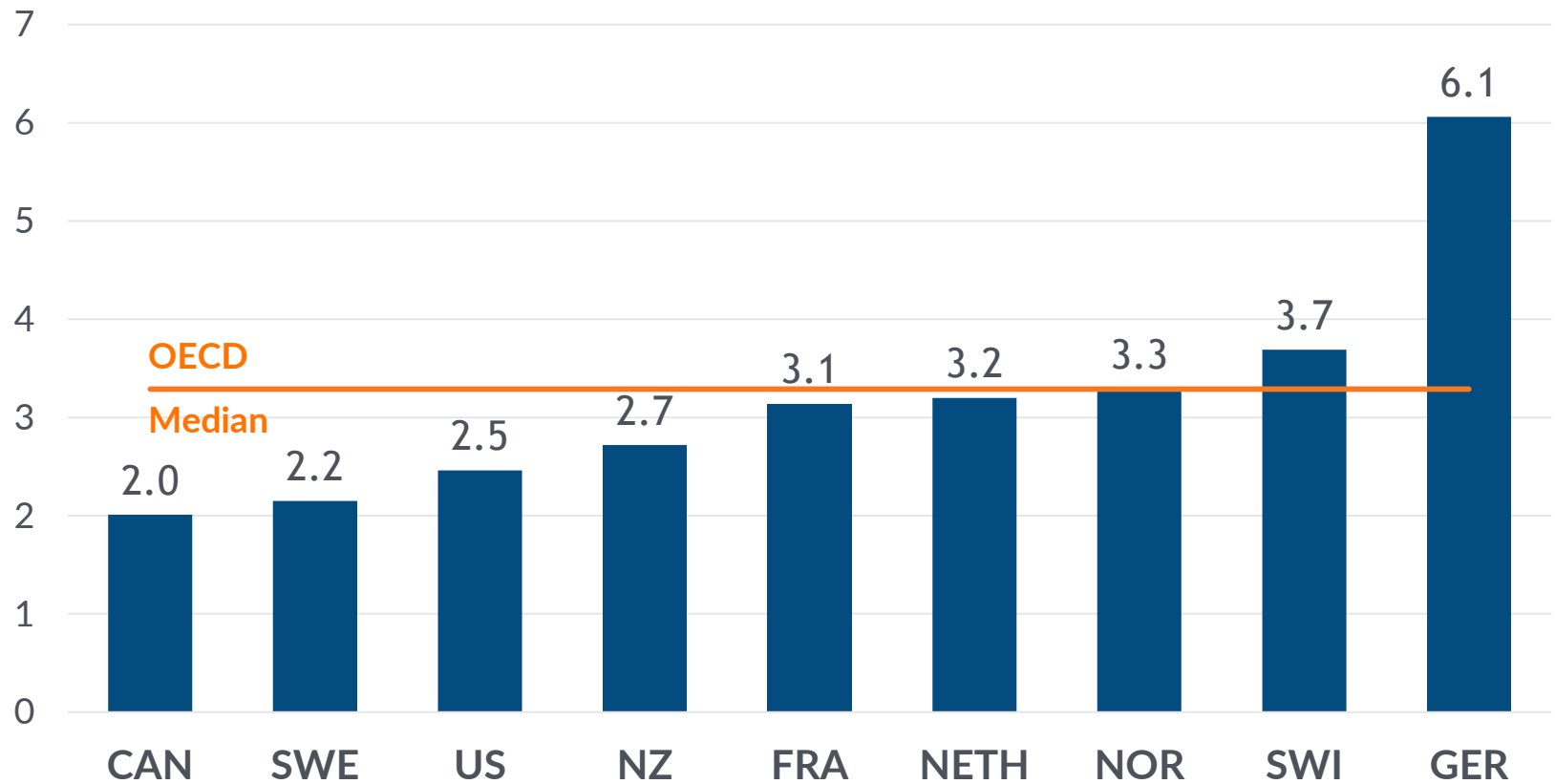
Data from 2016, except US, AUS (2015). No data for Australia, UK.

Reflects curative (acute) care beds only, including beds for psychiatric care in mental health hospitals and beds in other specialized hospitals. Excludes beds allocated for other functions of care such as rehabilitation, long-term care and palliative care.

Source: OECD Health Data, 2018.

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Doctor Consultations per Capita, 2016

Consultations/capita

Data reflect 2016 or nearest year; 2012 for NZ, SWITZ; 2011 for US. No recent data for the UK (since 2009). Includes consultations delivered in all settings, including in the patient's home, but excluding telephone and email contacts.
Source: OECD Health Data 2018.

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Hip Replacements, 2016

Inpatient cases

Surgical procedures per 1,000 population aged 65 and older

OECD Median

CAN	UK	NZ	SWE	FR	NETH	GER	NOR	US	SWIZ
9.3	10.5	10.6	11.5	12.8	13.8	14.5	15.4	15.6	17.7

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Data for 2016 or nearest year; 2015 for NZ; 2014 for Netherlands; and 2010 for the US. No recent data for AUS.
Source: OECD Health Data 2018.
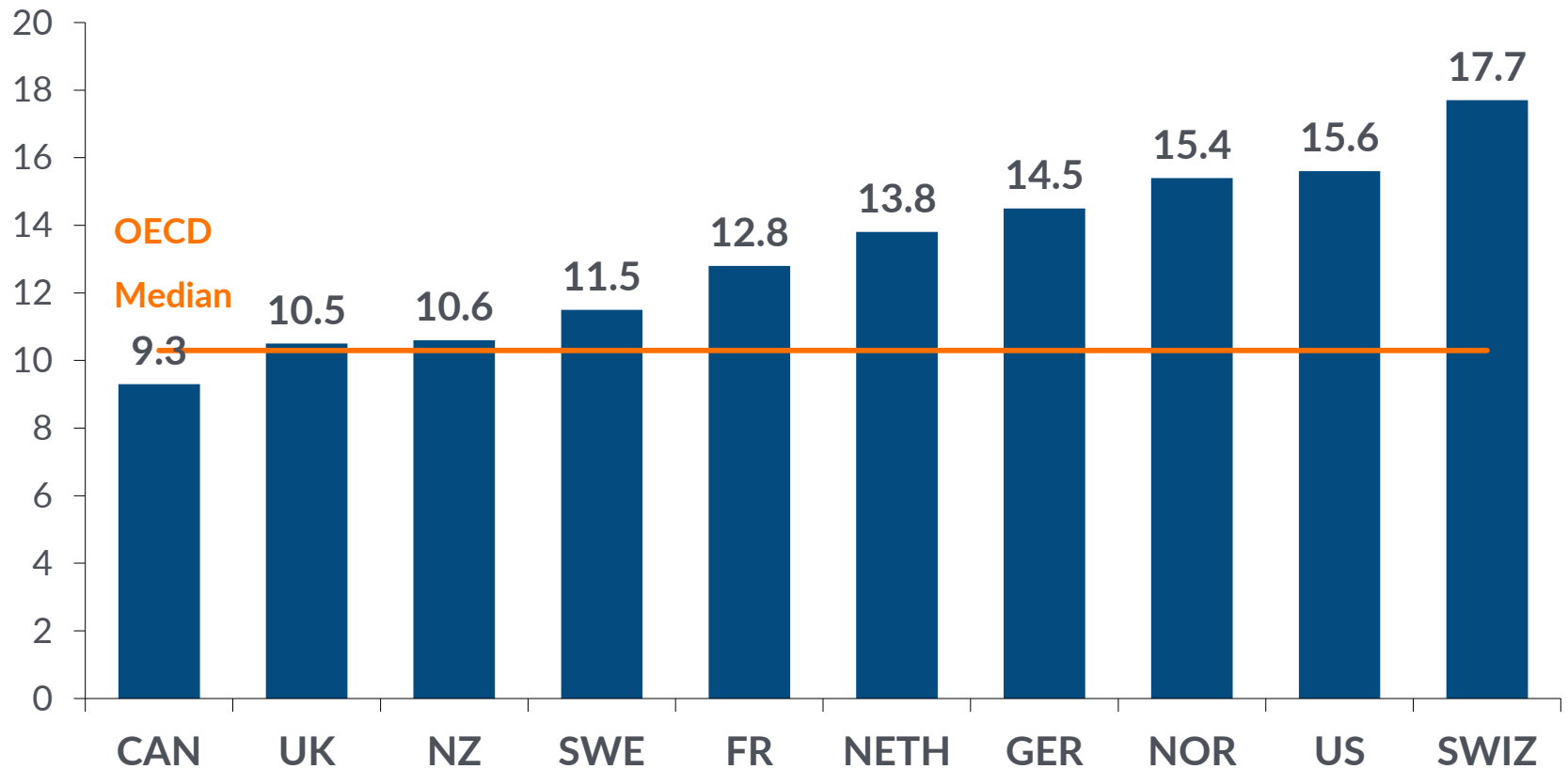
Diagnostic Tests: MRI Exams, 2016
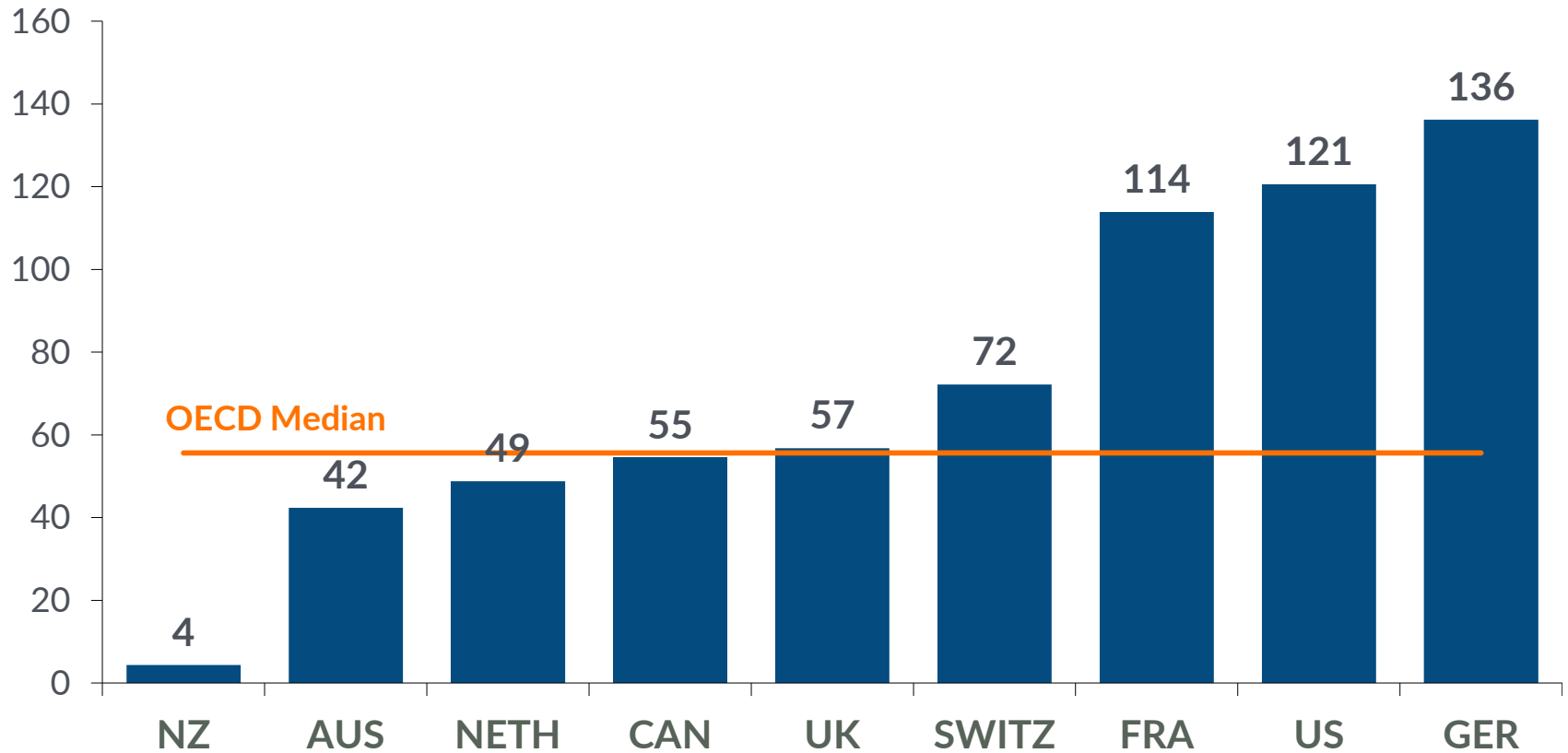
Smoking Rate, 2016

Daily smokers, among population over 15 years

Percent (%) of population over 15 years

OECD Median

SWE	US	NOR	AUS	CAN	NZ	UK	NETH	SWITZ	GER	FRA
11	12	12	12	13	14	16	18	20	21	22

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Data reflect 2014 data for FRA; 2013 data for GER; 2012 data for SWITZ
Source: OECD Health Data 2018.

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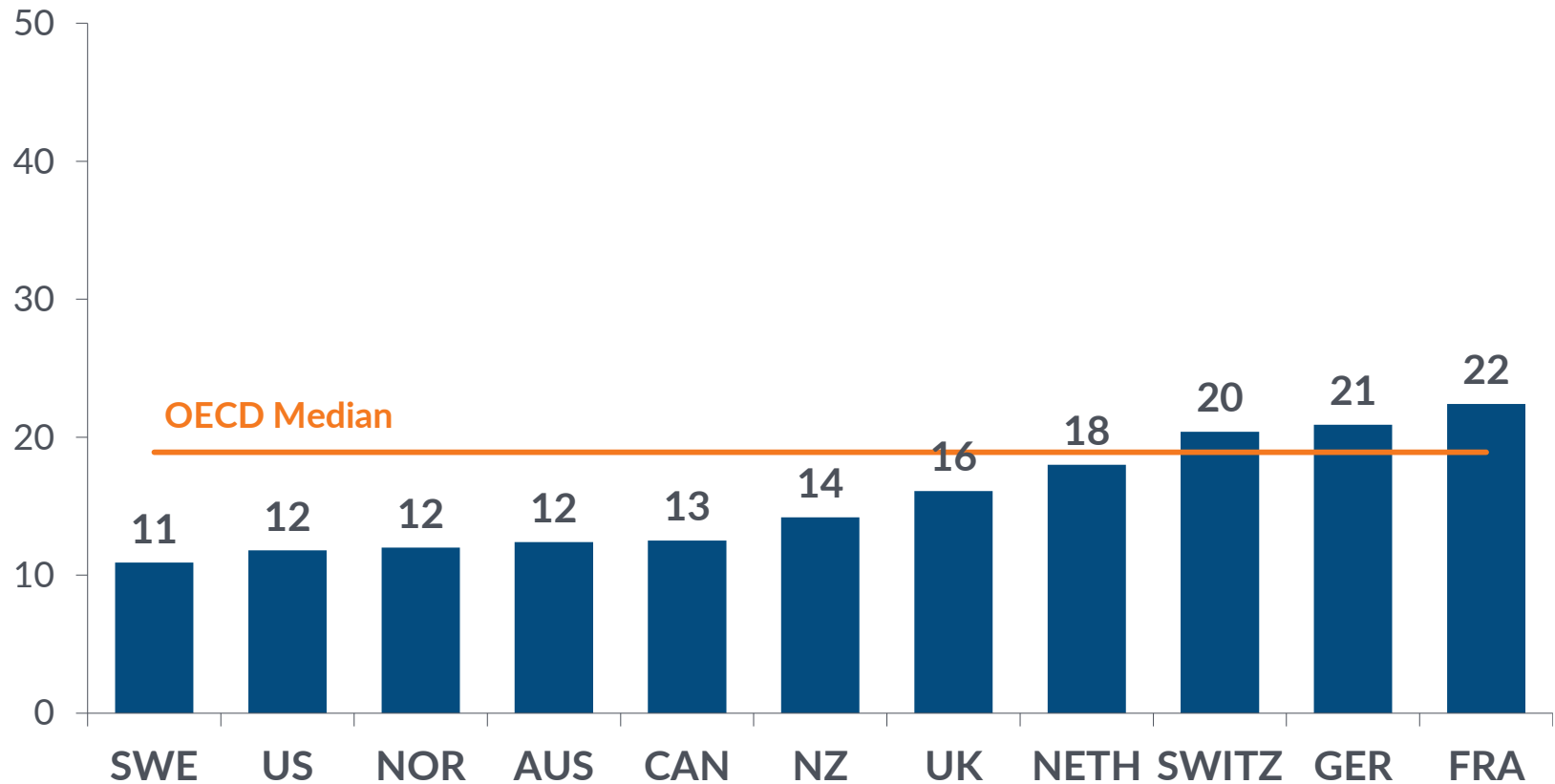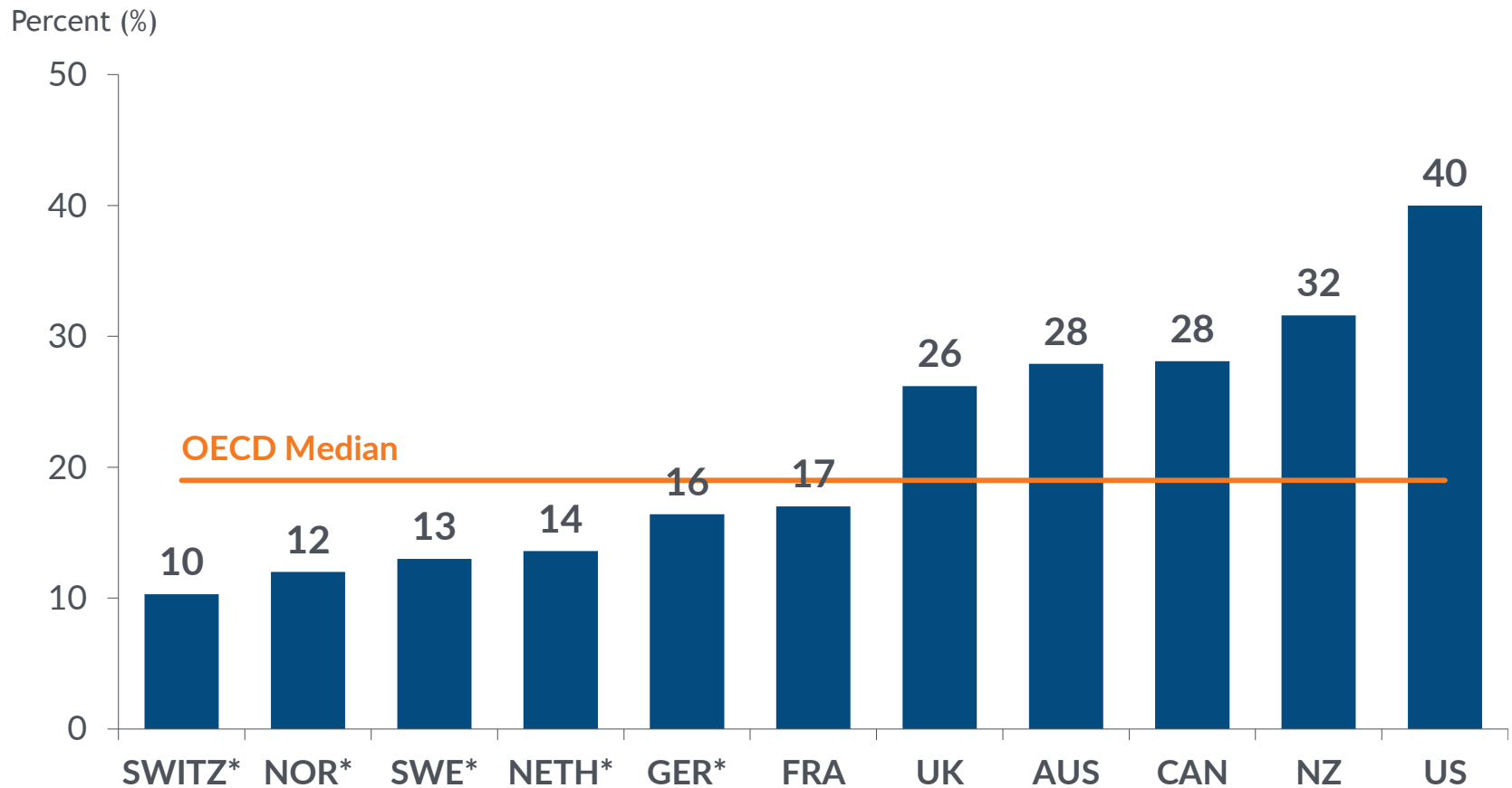
Flu Immunizations, 2016

Percent of adults age 65 and older (%) immunized

Data reflect 2016 data or nearest year; 2010 data for SWITZ; 2009 for AUS. Different methodologies used between time periods in Germany; German data reflects 60+ population. For Sweden, data are collected only during the winter season. Change in survey in the Netherlands in 2010. Change in survey instrument for Canada in 2015.

Source: OECD Health Data 2018.
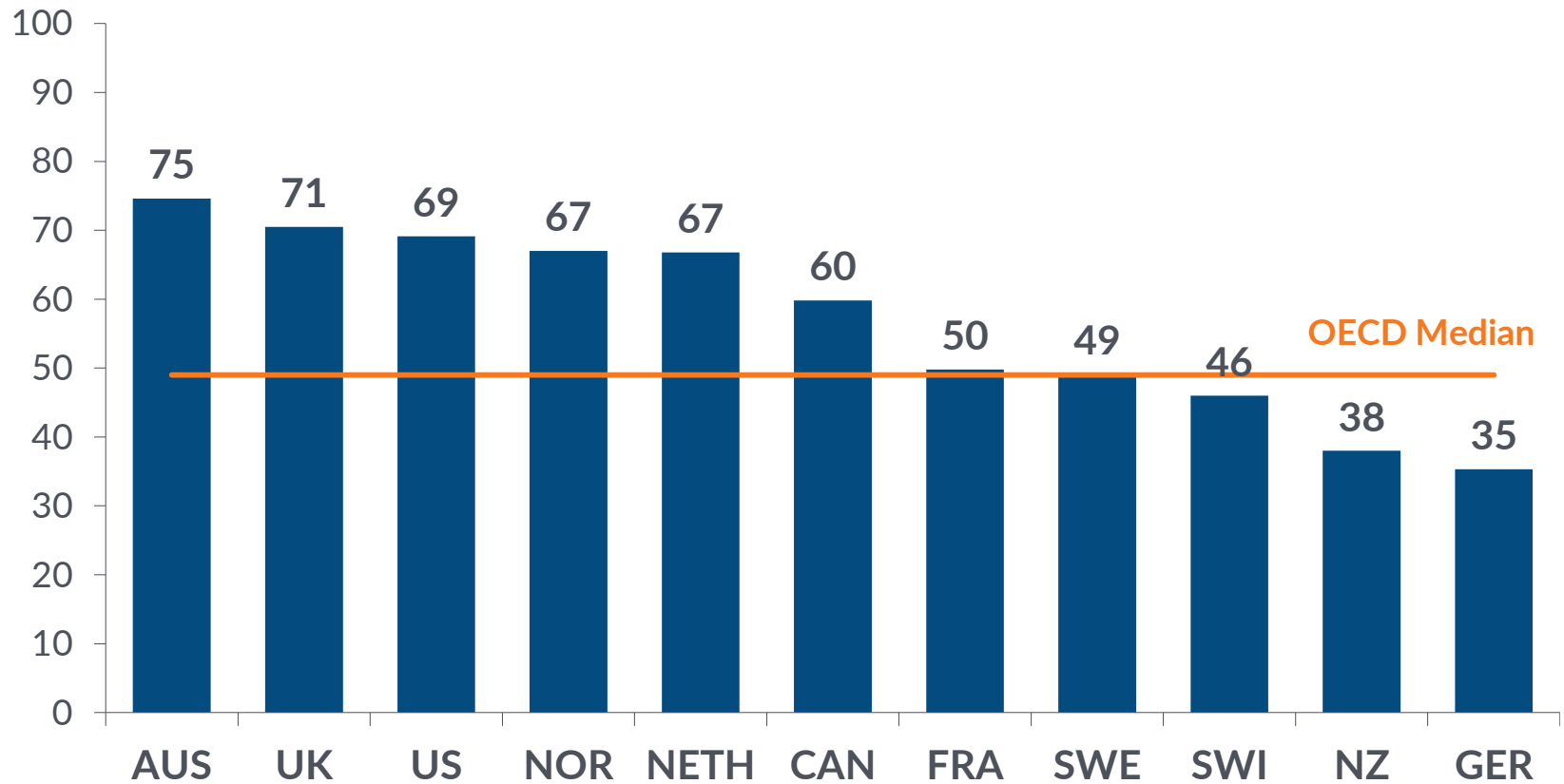
Diabetes and Hypertension Hospital Discharges, 2016

Discharges 100,000 population

■ Diabetes   ■ Hypertension

Country	Diabetes	Hypertension
NETH	60	20
UK	80	18
SWITZ	81	61
NOR	86	58
SWE	97	33
NZ	99	23
CAN	102	18
AUS	141	35
FRA	153	49
US	204	159
GER	266	338

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Data reflect 2016 or nearest year; 2015 for AUS, NZ, NOR; 2010 for US. Includes inpatient and day-case discharges
Source: OECD Health Data 2018.

AGING POPULATIONS AND LONG-TERM CARE

Share of Older Adults, 2017

Percent of total population   ■ 65-79   ■ 80+

Country	65-79	80+
NZ	12	4
AUS	12	4
US	12	4
NOR	12	4
CAN	13	4
SWI	13	5
UK	13	5
NETH	14	5
FRA	13	6
SWE	15	5
GER	15	6

Source: OECD Health Data, 2018.

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AGING POPULATIONS AND LONG-TERM CARE
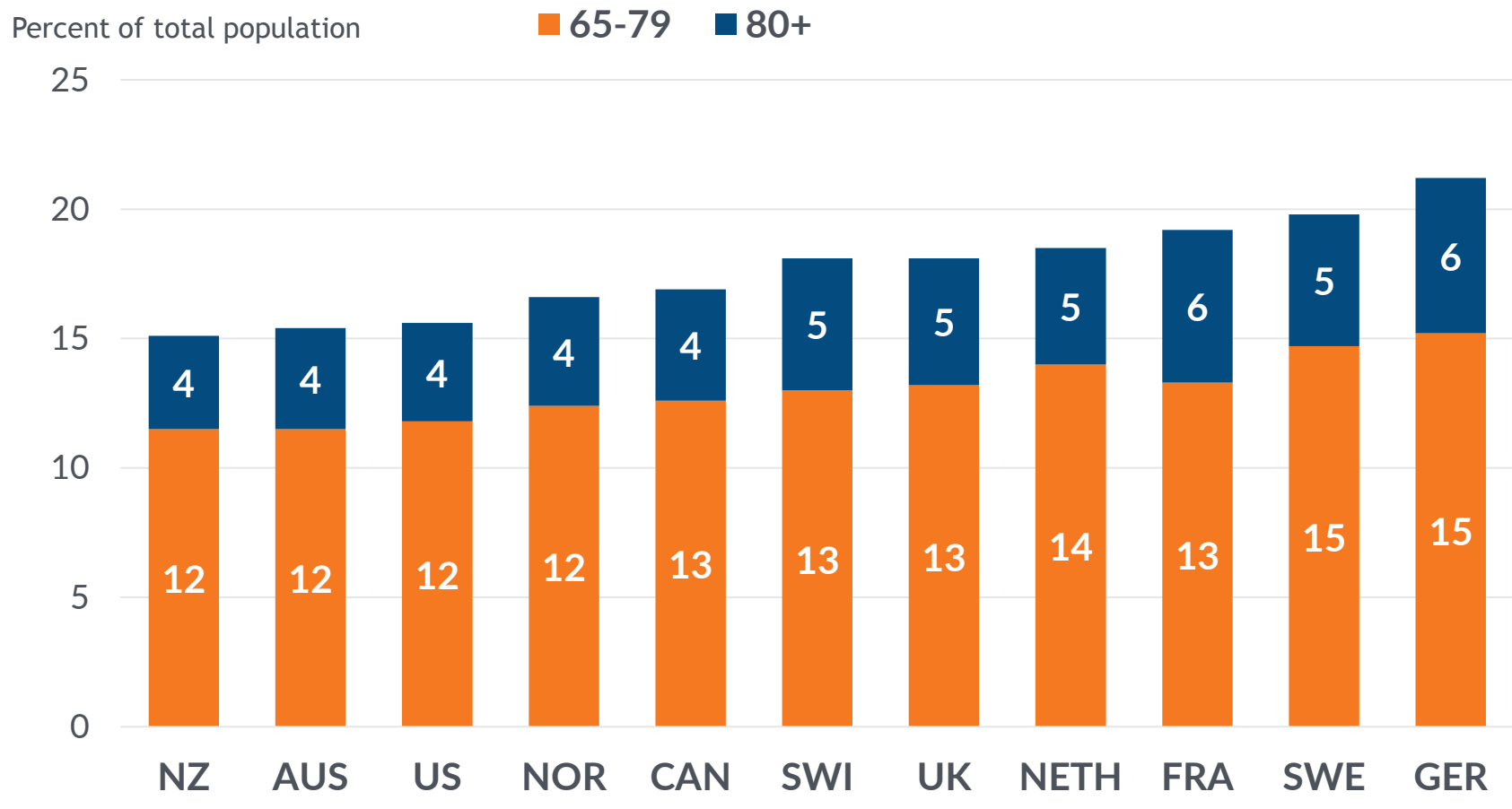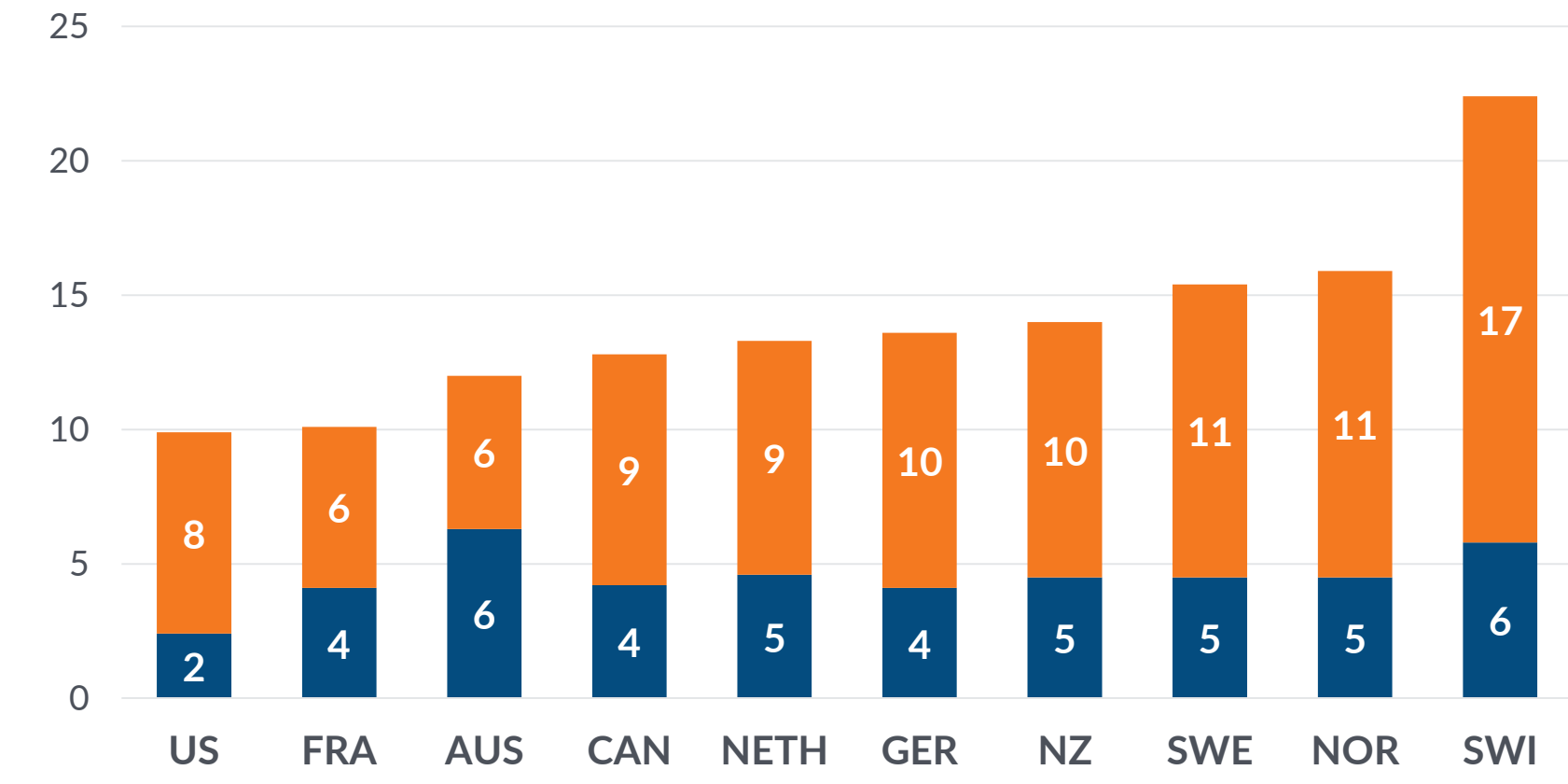
Long-term Care Recipients by Setting, 2016

■ Institutions   ■ Home

Percent of population aged 65 years over in setting

Country	Institutions	Home
US	2	8
FRA	4	6
AUS	6	6
CAN	4	9
NETH	5	9
GER	4	10
NZ	5	10
SWE	5	11
NOR	5	11
SWI	6	17

Data: 2016, except NETH (2015). No recent data for UK.
Source: OECD Health Data, 2018.

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Beds in Residential Long-Term Care Facilities, 2016

AGING POPULATIONS AND LONG-TERM CARE

Beds per 1,000 individuals aged 65 and older

Country	Beds
US	35
UK	47
NOR	49
AUS	52
FRA	52
GER	54
NZ	56
CAN	57
SWE	65
SWI	65
NETH	71

OECD Median

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AGING POPULATIONS AND LONG-TERM CARE
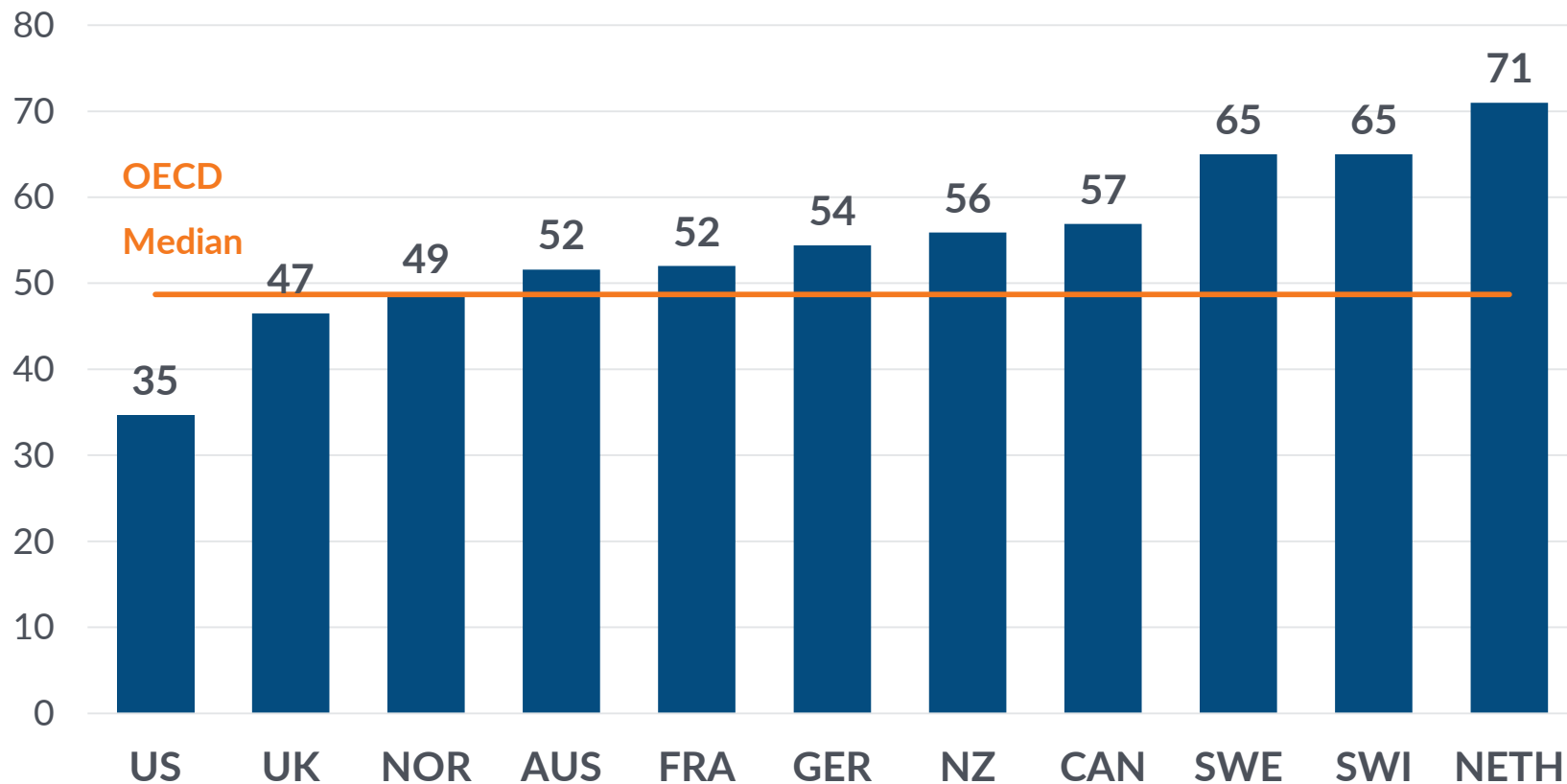
Formal long-term care workers, 2016

Headcount per 100 population aged 65 years old and over

OECD Median

CAN	GER	US	AUS	NETH	SWI	SWE	NOR
3.6	5.1	5.7	6.2	8.0	8.1	12.4	12.7

Data: 2016, except GER (2015). No data for FRA, NZ, UK.
Source: OECD Health Data, 2018.

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