

Article: The underwhelming German life expectancy. European Journal of Epidemiology. Authors: Domantas Jasilionis, Alyson van Raalte, Sebastian Klüsener, Pavel Grigoriev.
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Supplementary table S2 Major characteristics of health system financing, resources, and performance and health risk factors in Germany (DEU), France (FRA), the United Kingdom (UK), Spain (ESP), Switzerland (SWI), the USA, and Japan (JPN). OECD estimates [17, 20] for 2005 and 2019 (or nearest year).

Indicator	2005							2019						
	DEU	FRA	UK	ESP	SWI	USA	JPN	DEU	FRA	UK	ESP	SWI	USA	JPN
Health care financing														
Expenditure on health, % of gross domestic product	10.3	10.2	8.4	7.7	10.0	14.6	7.8	11.7	11.1	10.2	9.1 ^p	11.3	16.8	11.0 ^e
Expenditure on health, per capita, in USD (PPPs)	3430	3265	2736	2212	4106	6443	2471	6518	5274	4500	3600 ^p	7138	10949	4691 ^e
Expenditure on pharmaceuticals / other medical non-durables, per capita, in USD (current PPPs)	..	..	..	..	..	..	..	935	589	461	505	794	1376	803
Out-of-pocket expenditure, % of current expenditure on health	14.0	7.4	13.3	21.8	27.1	13.9	15.7	12.7	9.3	15.9	21.8 ^p	25.3	11.3	13.0 ¹⁸
Out-of-pocket expenditure, per capita, in USD (current PPPs)	479	241	364	482	1115	897	387	828	488	714	785 ^p	1805	1238	592 ¹⁸
Health care resources (personal, capacity, medical technology)														
Practicing physicians (providing care directly) (per 1000 population)	3.4	3.1 ^e	2.4	3.6	3.7 ^e	2.4	..	4.4	3.2	3.0	4.4	4.4	2.6	2.5 ¹⁸
Total hospital beds (per 1000 population)	8.5	7.2	3.7	3.3	5.5	3.2	14.1	7.9	5.8	2.5 ^p	3.0 ^p	4.6	2.8 ¹⁸	12.8
Curative (acute) care beds (per 1000 population)	6.4	3.7	..	2.7	4.7	2.8	8.3	6.0	3.0	..	2.5 ^p	3.6	2.5	7.7
Magnetic Resonance Imaging units (per million population)	19.9	4.8	5.4	..	..	26.6 ⁰⁶	40.1	34.5¹⁸	15.4	..	17.6	..	40.4	55.2 ¹⁷
Computed Tomography scanners (per million population)	29.5	10.0	7.5	..	31.4 ^{e,07}	34.0 ⁰⁶	..	35.3¹⁸	18.2	..	19.2 ^p	38.7	44.9	111.5 ¹⁷
Pharmaceutical consumption for CVD conditions														
Antiarrhythmics, Class I and III (daily dosage per 1000 inh. per day)	2.3^d	10.9	2.1 ^{de}	3.0 ^d	..	..	..	3.0^d	..	1.3 ^{d,17}	3.2	..	..	..
Antihypertensives (daily dosage per 1 000 inhabitants per day)	12.3^d	14.0	14.5 ^{de}	8.6 ^d	..	..	..	14.0^d	..	13.6 ^{d,17}	9.1	..	..	..
Beta blocking agents (daily dosage per 1 000 inhabitants per day)	73.3^d	55.1	36.5 ^{de}	18.6 ^d	..	..	..	82.2^d	..	29.2 ^{d,17}	24.3	..	..	..
Lipid modifying agents (daily dosage per 1 000 inhabitants per day)	36.8^d	82.2	100.1 ^{d07}	74.5 ^d	..	..	..	103.7^d	..	149 ^{d,17}	125.1	..	..	..
Surgical treatments for CVD conditions and related risk factors														
Transluminal coronary angioplasty (total procedures per 100000 inhabitants)	279.3	180.5	98.6 ^e	91.7	177.4	..	..	419.5	288.7	124.6	128.6	311	..	..
Coronary artery bypass graft (total procedures per 100000 inhabitants)	79.9	30.3	37.7 ^e	18.1	47.3	..	..	54.6	28.4	22.2	16.4	39.3	..	..

Notes: ^d - different methodology or break in series; ^e - OECD estimate; ^p - provisional figure; ⁰⁶ - 2006; ⁰⁷ - 2007; ⁰⁹ - 2009; ¹⁴ - 2014; ¹⁵ - 2015; ¹⁶ - 2016; ¹⁷ - 2017; ¹⁸ - 2018.

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Hospital utilization for CVD conditions and related risk factors														
Age-sex standardized hospitalization rate (per 100 000 population) for congestive heart failure	347.0	..	124.1 ⁰⁶	146.7	299.2 ⁰⁶	..	147	393.8	266.3 ¹⁵	107.8	157.1	402.9	411.7 ¹⁸	..
Age-sex standardized hospitalization rate (per 100 000 population) for hypertension	229.1	..	12.1 ⁰⁶	9.2	102.4 ⁰⁶	..	58.2	254.5	33.0	18	5.6	49.4	57.5 ¹⁸	..
Age-sex standardized hospitalization rate (per 100 000 population) for diabetes	246.4	..	..	66.8	149.5 ⁰⁶	..	242.2	206.1	150.6 ¹⁵	80.9	50.4	106.9	226.0 ¹⁸	..
Male age-standardized rate (per 100 000 population) for diabetes lower extremity amputation	19.8	..	..	11.8	..	..	..	12.5	7.1 ¹⁵	4.8 ¹⁷	11.8	5.0 ¹⁵	47.1 ¹⁸	..
Female age-standardized rate (per 100 000 population) for diabetes lower extremity amputation	9.9	..	..	5.1	..	..	..	4.0	2.1 ¹⁵	1.5 ¹⁷	3.1	1.5 ¹⁵	16.7 ¹⁸	..
Hospital discharges for diabetes mellitus (per 100000 inhabitants)	278.6	189	75.2	77.6	67.6	197.9	224.4	257.5¹⁸	154.6	83.3 ¹⁸	61.3	88.0	..	172.9 ¹⁷
Hospital discharges for hypertensive diseases (per 100000)	279.9	52.9	27.8	58.8	111.9	169.2	54.8	300.5¹⁸	51.0	21.1 ¹⁸	182.8	56.3	..	44.6 ¹⁷
Hospital discharges for heart failure (per 100000 inhabitants)	369.4	278.8	129.9	203.7	98.7	366.9	136.7	548.1¹⁸	356.7	149.3 ¹⁸	152.2	266.4	..	228.7 ¹⁷
Hospital discharges for acute myocardial infarction (per 100000)	258.6	115.3	162.9	131.9	128.4	231	57.7	275.7¹⁸	177.5	164.7 ¹⁸	126.4	224.4	..	55.2 ¹⁷
Hospital discharges for angina pectoris (per 100000)	376	201.5	151.9	35.3	94.1	14.7	254.1	262.8¹⁸	92.2	54.5 ¹⁸	28.0	69.4	..	302.9 ¹⁷
Hospital discharges for cerebrovascular diseases (per 100000)	497.2	210.1	208.7	221.5	207.4	236.9	452.5	542¹⁸	259.9	217.4 ¹⁸	237.2	324.2	..	560.3 ¹⁷
Hospital discharges for atherosclerosis (per 100000 inhabitants)	182.4	86	12.7	36.0	66.0	42.5	25.2	241.8¹⁸	90.6	19.6 ¹⁸	45.1	105.1	..	51.9 ¹⁷
Hospital discharges for alcoholic liver disease (per 100000 inhabitants)	42.9	42.6	27.9	26.0	18.7	21.5	36.9	45¹⁸	26.4	31.2 ¹⁸	24.9	24.5	..	22.5 ¹⁷
Hospital discharges for malignant neoplasm of trachea, bronchus, and lung (per 100000 inhabitants)	223.4	69	82.3	70.5	72.5	46.2	188.8	244.2¹⁸	69.2	57.0 ¹⁸	75.2	112.8	..	310.5 ¹⁷
Average length of stay for patients with acute myocardial infarction (AMI), days	11.1	6.6	9.8	9.0	7.2	5.5	..	9.8¹⁸	5.2	6.2 ¹⁸	7.1	6.3	..	..
30-day mortality after admission to hospital for AMI (age-sex standardized rate per 100 patients aged 45+)	11.0	7.9	..	10.6	9.1	6.8	..	8.3	5.6 ¹⁵	6.6	6.5	..	4.9 ¹⁸	9.7 ¹⁷

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Health behavior and risk factors														
% of females aged 15+ who are daily smokers (self-reported survey)	18.8	23.2 ^d	23.0	21.5 ⁰⁶	17.6 ¹⁷	14.9	11.3	15.3 ¹⁷	20.7	13.8	18.8 ¹⁷	16.8 ¹⁷	10.0	7.6
% of males aged 15+ who are daily smokers (self-reported survey)	27.9	32.0 ^d	25.0	31.6 ⁰⁶	23.4 ⁰⁷	19.1	39.3	22.3 ¹⁷	27.5	17.7	25.6 ¹⁷	21.5 ¹⁷	11.7	27.1
Tabacco consumption in grams per capita (sales data)	1978	1297	1134 ^e	..	2046	1807	2595	1503	841	420.6 ^e	1473	1228	1004	1065
Cigarettes per smoker per day (survey self-reported data)	14.7 ⁰⁹	13.8 ⁰⁶	14.0	20.9 ⁰⁶	11.7 ⁰⁷	16.7	19.6	15.2	12.5 ^d	9.1	12.3 ¹⁷	10.0 ¹⁷	13.7	15.5
Annual consumption of pure alcohol in liters, per person, aged 15 years old and over	11.7	12.9	11.4	11.9	10.1	8.5	8.5	10.6	11.4	9.7	10.7	9.3	8.9	7.1
Sugar supply (all forms of sugar and sweeteners) in kg per capita	50.9	41.7	37.6	29.9	58.9	70.4	28.7	44.2 ¹⁸	42.6 ¹⁸	38.0 ¹⁸	33.2 ¹⁸	48.6 ¹⁸	64.2 ¹⁸	26.0 ¹⁸
All vegetable supply in kg per capita per year	86.2	104.2	95.9	155.8	88	123	107.8	89.8 ¹⁸	99.1 ¹⁸	77.3 ¹⁸	124.8 ¹⁸	92.8 ¹⁸	112.9 ¹⁸	92.9 ¹⁸
All fruit supply in kg per capita per year	87.1	112.1	127	100.2	71.9	109.8	60.3	78.1 ¹⁸	82.9 ¹⁸	77.5 ¹⁸	94.6 ¹⁸	83.8 ¹⁸	90.2 ¹⁸	34.1 ¹⁸
% of females aged 15+ eating vegetables (excl. potatoes and juice) at least once per day (survey)	53.8 ⁰⁹	..	..	47.8 ⁰⁶	90.9 ^{d,07}	91.6 ⁰⁷	..	42.5 ¹⁴	63.3 ¹⁴	70.0 ¹⁴	48.4 ¹⁷	76.2 ¹⁷	92.5 ¹⁸	..
% of males aged 15+ eating vegetables (excl. potatoes and juice) at least once per day (survey)	37.2 ⁰⁹	..	..	36.2 ⁰⁶	82.9 ^{d,07}	93.4 ⁰⁷	..	25.3 ¹⁴	51.4 ¹⁴	60.3 ¹⁴	35.7 ¹⁷	59.1 ¹⁷	91.0 ¹⁸	..
% of females aged 15+ eating fruits at least once per day (survey)	71.5 ⁰⁹	..	..	72.0 ⁰⁶	89.1 ^{d,07}	61.6 ⁰⁷	..	55.6 ¹⁴	61.2 ¹⁴	67.9 ¹⁴	70.2 ¹⁷	67.9 ¹⁷	57.7 ¹⁸	..
% of males aged 15+ eating fruits at least once per day (survey)	52.5 ⁰⁹	62.5 ⁰⁶	77.9 ^{d,07}	54.3 ⁰⁷	..	38.7 ¹⁴	48.5 ¹⁴	56.9 ¹⁴	59.3 ¹⁷	51.3 ¹⁷	50.1 ¹⁸	..

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