

Demography Compass

In addition to the panel discussions, the Berlin Demography Forum wants to contribute some original insights. It has developed a set of indicators to serve as a “demographic compass” for developments in different regions and different types of societal questions. Although a compass like this cannot give a complete picture of the demographic situation, it will provide food for thought and areas for research, and enrich discussions held by the BDF panels.

The specific indicators cover six demographic clusters (family / children, age, health, labor, society / education and geopolitics), and are collected for five European and four non-European countries, wherever possible. Most of the data is collected by the Federal Institute for Population Research (BIB) in Wiesbaden.



Demografie-Kompass

Neben den Diskussionen in den einzelnen Panels, trägt das Berliner Demografie-Forum auch Daten für neue Einsichten bei. Es wurde ein Set von Indikatoren erfasst, die als „Demografischer Kompass“ für die Entwicklungen in verschiedenen Regionen und für eine Vielzahl gesellschaftlicher Fragen verstanden werden können. Obwohl ein solcher Kompass nicht die gesamte demografische Entwicklung abbilden kann, so regen die Daten zu ersten Überlegungen und Analysen an und bereichern so die BDF Panels und darüber hinaus.

Die spezifischen Indikatoren betrachten sechs Bereiche (Familie / Kinder, Alter, Gesundheit, Arbeit, Gesellschaft / Bildung und Geopolitik). Diese wurden für fünf europäische und vier nicht-europäische Länder erhoben. Die Daten wurden überwiegend vom Bundesinstitut für Bevölkerungswissenschaft (BIB) in Wiesbaden gesammelt.

	Germany	Italy	Spain	France	UK
Family / Children					
CFR Born 1965 ¹	1.55	1.49	1.59	2.04	1.91
Mean age at first child birth ²	29.2	30.3	29.7	28.6	28.1
Ratio of transfer and infrastructure investment ³	68:32	62:38	44:56	53:47	68:32
Age					
Life expectation at 65 (women) in years ⁴	21.2	22.1	22.8	23.4	20.9
Life expectation at 65 (men) in years ⁴	18.2	18.5	18.7	19.1	18.5
Participation rate age 60-64 years (in percent)	46.5	22.8	31.7	21.7	45.3
Health					
Share of population aged 65 years and older in need of care ⁵ (in percent)	11.7	7.1	7.2	11.2	12.3
Share of population between 65-79 years in need of care ⁵ (in percent)	5.3	3.2	2.8	5.1	5.6
Share of population aged 80 years and older in need of care ⁵ (in percent)	30.0	19.0	17.1	30.0	32.9

	US	Korea	Japan	China	Year of Reporting	Source
	2.07	1.88	1.62	1.79	2010	BIB, Nat. Stat. Off., OECD
	25.8	30.5	30.3	28.2	2011/12	BIB, UNECE, UN, Nat. Stat. Off.
	47:53	23:77	73:27	NA	2011	BIB, OECD
	20.4	22	23.8	16.8	2012	BIB, OECD
	17.8	17.5	18.9	14.7	2012	
	52.0	56.1	57.6	49.1	2012	
	6.5	6.4	12.6	5.5	2011	BIB, OECD
	3.0	3.4	5.7	2.5	2011	BIB, OECD, BDF estimat., UK Health & Social Care Inf. Centre, 2013
	17.4	19.8	33.7	14.7	2011	

	Germany	Italy	Spain	France	UK
Labor					
Average retirement age (Men) in years ⁶	62.1	61.1	62.3	59.7	63.7
Average retirement age (Women) in years ⁶	61.6	60.5	63.2	60.0	63.2
Youth unemployment (share of unemployed youth 15-24 years)	8.1	35.3	52.9	23.9	21.0
Society and Education					
Civic involvement ⁷ of 15-24 year olds (in percent)	27	15	14	18	30
Civic involvement ⁷ of 50 year olds and older (in percent)	20	19	13	34	27
Level of education of cohort 1965 ⁸ according to ISCED (share in percent)	13.0	44.2	46.3	25.8	32.7
	55.2	42.0	23.3	48.0	33.9
	31.8	13.9	30.3	26.2	33.4

	US	Korea	Japan	China	Year of Reporting	Source
	65.0	71.1	69.1	NA	2012	BIB, OECD
	65.0	69.8	66.7	NA		
	16.2	9.0	7.9	9.7	2012	BIB, OECD, World Bank
	45	29	15	6	2011	BIB, World Giving Index
	41	27	25	2		
	11.0	11.6	NA	77.7	2010/11	BIB, Eurostat, OECD, UN, Nat. Stat. Off.
	47.1	49.8	NA	14.9		
	41.9	38.6	46.5	7.4		

	Germany	Italy	Spain	France	UK
Geopolitics					
Net migration (in 1.000) ¹⁰	391.9	369	-142.6	50	157
Level of education of foreign population (age group 30-34 years) according to ISCED ⁹ (share in percent)	33.7	46.2	43	39.5	11.3
	39.8	43.2	34.7	26.4	31.5
	26.4	10.6	22.2	34.1	57.2

Notes

- ¹ Korea: Cohort 1961-1965
- ² Data for Italy, Spain and France as of 2011
- ³ Transfers include tax benefits
- ⁴ US Data of 2011
- ⁵ Persons in need of care, who make use of public care services
(Financial assistance or services)
Age group older than 65 years: Data for France of 2010, Data of Italy of 2010/11; Data for UK includes England only. Data for China of 201.
- ⁶ Average of years 2008-2012.
- ⁷ Civic involvement includes volunteer and honorary work only.
- ⁸ Census data from 2010/2011. Own calculation of cohort based on age years. US: Cohort 1963-1967; Korea, Japan, China: Cohort 1961-1970
- ⁹ In the order of ISCED 0-2, 3-4 und 5-6
- ¹⁰ Partly estimated values.

	US	Korea	Japan	China	Year of Reporting	Source
	866.1	7.0	-5.8	-1,500	2012	BIB, European Demographic Data Sheet 2014, World Bank
	NA	NA	NA	NA	2012	BIB, Eurostat
	NA	NA	NA	NA		
	NA	NA	NA	NA		

Data Sources and remarks for Chinese data

CFR und Age of giving first birth:

“New fertility changes and characteristics from the sixth population census in China”,
WANG Guang-zhou, FU Chong-hui. 2010.

Life expectancy with 65 years:

Numbers are averages of 2005-2010.

Data Source: UN Population Prospect

Share of employed persons aged

60-64 years (in percent): Data of 2010

Share of persons in need of care aged 65 and older:

Data of 2005; Estimated numbers, Source: Social Sciences in Health care and Medicine, page 60,
“LONG-TERM CARE NEEDS AND RELATED ISSUES IN CHINA”, Dana Gu and Denese Ashbaugh Vlosky

General Source

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Wiesbaden (BIB) (2014)