

Demographic Indicators

Suggested Indicators

Group		Definition		Sources / Availability	Type ¹	Notes
DEM01	Basic Dimensions and Population Ageing	DEM01a	Population Size	<i>UN World Population Prospects: 2004 Revision</i>	Core	1950-2050 (at least in five-years intervals)
		DEM01b	Population by Five-Year Age and Sex (%)	<i>UNECE, Trends in Europe and North America</i>	Core	Population pyramid; plotted together with median age for same year
		DEM01c	Median Age of the Population	<i>UN World Population Prospects: 2004 Revision</i>	I	Time trend: 1950 – 2050
		DEM01d	Median Age standardized for Life Expectancy (“Prospective Age”)	<i>WHO, UN World Population Prospects, OECD. Methodology: see Sanderson & Scherbov2005</i>	I	2000 as the index year; plotted on the same chart as DEM01c
		DEM01e	Population Changes: Natural Growth, Overall Growth	<i>UN World Population Prospects</i>	Core	
		DEM01f	Population by Aggregate Age Groups: 0-14, 15-64, 65+	<i>UN World Population Prospects: 2004 Revision, UNECE Demographic database</i>	Core	1950-2050, in five-years intervals
		DEM01g	Demographic Dependency Ratios: 0-14/15-64; 65+/15-64; ((0-14)+(65+))/15-64	<i>Derived from DEM01f</i>	Core	1950-2050, in five-years intervals
		DEM01h	Ageing of the Aged: Share of the Very Old (80+) in the Total Elder Population (65+)	<i>UN World Population Prospects</i>	Core	1950, 2000, 2050
		DEM01i	Percentage of the Population Living in Single-Person Households, % Living in Institutional Households, by Sex and Age-Group: 0-14, 15-64, 65-79, 80+	<i>Community Programme of Population and Housing Censuses in 2001</i> by Eurostat. Data for EU countries to be requested from Eurostat. In non-EU countries, available from a standard census publication	I	Footnote: is institutional population distinguished or not?

¹ I: Primary; II: Secondary.



Around the 3 determining factors:						
DEM02	Longevity	DEM02a	Life Expectancy at Ages 0, 1, 20, 65, 80 (and at the legal retirement age, if that is different from 65), by sex	<i>Eurostat 2006, UN Life Tables (UN World Prospects)</i>	Core	Presentation needs to be footnoted: "Life Expectancy is a measure of mortality in the given calendar year"
		DEM02b	Survival Rates at ages 20, 60, 65, 80	<i>UN Life Tables (UN World Prospects)</i>	I	1950-2005
		DEM02c	Pension duration of people retiring today & duration extension over time (<i>cohort indicator</i>)	<i>Residual LE : UN Life Tables ; Effective Retirement Age : Scherer.</i>	Core	Operationalisation needs: residual LE at 65 and effective retirement age
DEM03	Fertility	DEM03a	Total Fertility Rate	<i>UN World Population Prospects 1950-2002, (also using NewCronos)</i>	Core	1950-2000 (or 2005), in five-year intervals
		DEM03b	Net Reproduction Rate	<i>UN World Population Prospects</i>	I	1950-2000 (or 2005), in five-year intervals
DEM04	Migration	DEM04a	Net Migration	<i>Information implicit in DEM01e</i>		Obtained by subtracting natural growth from overall population growth
Useful supplementary indicators:						
DEM05	Health Indicator	DEM05a	Health-adjusted life expectancy (HALE), disability-free life expectancy (DFLE), by sex <i>Alternatives measures of disability trends will be considered under the Care Topic later on</i>	<i>Eurostat // Euro-REVES, WHO</i>	I	Presentation needs to be footnoted with a warning on data quality, availability and comparability. Another footnote: are institutionalised persons in or out of the sample?
DEM06	On Disruption in Cohort Flows	DEM06a	Flags for "demographic shocks"	<i>National Sources</i>	II	Only graphical representation?

Sources:

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- Eurostat, *Population and Ageing databases*.
- Sanderson W.C. & Scherbov S., "Average remaining lifetimes can increase as human populations age", *Nature* 435, 811-813, June 2005.
- Scherer P., "Age of Withdrawal from the Labour Force in OECD Countries", *OECD Labour Market and Social Policy Occasional Papers* No. 49, Paris. 2002.
- *Trends in Europe and North America*, The Statistical Yearbook of the Commission for Europe, UNECE 2005. <http://www.unece.org/stats/trends2005/Welcome.html>.
- World Population Prospects: The 2004 Revision and World Urbanization Prospects: The 2003 Revision, UN/DESA Population Unit. <http://esa.un.org/unpp/>.

