

Supplementary appendix

Sex differences in coronary heart disease and stroke mortality: a global assessment of the effect of ageing between 1980 and 2010

Sophie H. Bots, Sanne A.E. Peters, Mark Woodward

eTable 1: Overview of data available for the world's 50 most populous countries

Country	Population data available	Mortality data available	Years used in study
Afghanistan	NA	NA	
Algeria	NA	NA	
Argentina	1955-1996	1966-2012	1980, 1990
Bangladesh	NA	NA	
Brazil	1979-1995	1977-2012	1980, 1990
Canada	1950-2005	1950-2011	1980, 1990, 2000
China	1987-2000	1987-2000	1990, 2000
Colombia	1955-1994	1953-2011	1984, 1991
Congo.Dem.Rep	NA	NA	
Egypt	1955-2013	2001-2013	1980, 1991, 2010
Ethiopia	NA	NA	
France	1950-2012	1950-2011	1980, 1990, 2000, 2010
Germany	1990-2013	1990-2013	1990, 2000, 2010
Ghana	NA	NA	
India	NA	NA	
Indonesia	NA	NA	
Iran	1983/95/97	1974 ~ 1987	
Iraq	NA	2008	
Italy	1950-2012	1951-2012	1980, 1990, 2000, 2010
Japan	1950-2013	1950-2013	1980, 1990, 2000, 2010
Kenya	NA	NA	
Korea, North	NA	NA	
Malaysia	2007-2008	2000-2008	2008
Mexico	1958-1995	1955-2012	1980, 1990
Morocco	NA	2008-2012	
Mozambique	NA	NA	
Myanmar	NA	1977-1978	
Nepal	NA	NA	
Nigeria	NA	NA	
Pakistan	NA	1993-1994	
Peru	1958-1983	1966-2012	1980
Philippines	1950-1996;2005	1963~2003;2008	1981, 1994

Poland	1950-2013	1959-2013	1980, 1990, 2000, 2010
Russian Federation	1980-2011	1980-2011	1980, 1990, 2000, 2010
Saudi Arabia	NA	2009;2012	
South Africa	2007-2013	1993-2012	2010
South Korea	1985-2012	1985-2012	1990, 2000, 2010
Spain	1950-2013	1951-2013	1980, 1990, 2000, 2010
Sudan	NA	NA	
Tanzania	NA	NA	
Thailand	1950-1994;2002	1955-2006	1980, 1990, 2000
Turkey	2009-2013	2009-2013	2010
Uganda	NA	NA	
UK	1950-2011	1950-2013	1980, 1990, 2001, 2010
Ukraine	1981-2012	1981-2012	1990, 2000, 2010
USA	1950-2007	1950-2010	1980, 1990, 2000, 2010*
Uzbekistan	1981-2005	1981-2005	1990, 2000
Venezuela	1950-1994	1955-2009	1980, 1990
Vietnam	NA	NA	
Yemen	NA	NA	

Countries are alphabetically ordered. Countries in bold were included in the present study.

*Population data from 2007 was used

eTable 2 Countries with ICD coding practices that differed from common practice*

Country	Year(s)	ICD code used
China	1980, 1990	ICD 9 th revision, Special List of causes as reported by China
Italy	2000	ICD 9 th revision, Basic Tabulation List
The Philippines	1981	ICD 8 th revision, List A
Russia	1980, 1990	ICD 9 th revision, Special List of causes (condensed) as reported by some countries of the newly independent States of former USSR
Russia	2000, 2010	ICD 10 condensed Mortality Tabulation List
Ukraine	1990, 2000	ICD 9 th revision, Special List of causes (condensed) as reported by some countries of the newly independent States of former USSR
Ukraine	2010	ICD 10 condensed Mortality Tabulation List
Uzbekistan	1990, 2000	ICD 9 th revision, Special List of causes (condensed) as reported by some countries of the newly independent States of former USSR

*Common practice entails the use of ICD-9 in the years 1980 and 1990 and ICD-10 in the years 2000 and 2010.

eTable 3: Estimated increment, over a 10-year period, in the additional rate of CHD and stroke mortality (per 100,000) for every 5 years higher age.

Country	CHD				Stroke			
	Men		Women		Men		Women	
	Estimate	SE	Estimate	SE	Estimate	SE	Estimate	SE
CAN	-7,27	3,95	-5,35	3,61	-2,38	1,76	-2,02	1,85
EG	-0,08	0,19	0,21	0,18	1,02	0,33	1,37	0,37
FR	-1,81	0,65	-1,69	0,55	-4,41	1,16	-3,87	1,12
GE	-5,27	2,81	-3,86	2,33	-5,02	1,98	-4,47	2,00
IT	-2,31	1,52	-2,26	1,46	-3,48	1,84	-3,08	1,87
JA	-1,57	0,60	-1,39	0,49	-7,37	1,84	-6,63	1,66
PO	1,62	0,83	1,38	0,79	0,91	0,78	0,46	0,83
RU	-21,30	3,98	-16,72	3,76	-0,31	3,29	0,87	3,80
SK	0,82	0,56	0,59	0,50	-3,52	1,89	-2,06	1,52
SP	-1,19	0,75	-1,14	0,74	-5,32	1,64	-5,46	1,73
TH	1,06	0,18	0,84	0,18	0,66	0,18	0,83	0,23
UK	-8,09	1,73	-3,75	1,56	-4,05	1,26	-4,35	1,44
UKR	-21,53	6,11	-17,00	5,88	-0,84	2,00	-0,45	2,27
USA	-8,38	2,26	-6,67	2,02	-2,60	0,82	-2,61	0,89
AR	-4,39	5,54	-2,74	5,38	0,25	4,77	-0,04	5,17
BR	4,89	3,03	1,66	3,91	24,51	7,09	17,75	7,82
CH	1,32	2,46	5,71	2,83	-2,90	4,28	-2,51	3,72
ME	10,17	4,06	9,22	3,97	6,53	3,02	6,44	3,03
PH	3,31	4,54	4,82	5,18	0,96	2,56	1,38	2,62
UZ	5,76	18,63	9,29	18,15	6,64	6,14	8,28	7,34
CO	-16,23	6,58	-11,93	4,98	-12,88	4,81	-11,86	4,56
VE	9,51	5,90	7,67	6,16	0,95	3,68	-0,37	5,01

Country codes: **AR**gentina, **BR**azil, **CA**nada, **CH**ina, **CO**lombia, **EG**gypt, **FR**ance, **GE**rmany, **JA**pan, **IT**aly, **MA**laysia, **ME**xico, **PE**ru, **PH**ilippines, **PO**land, **RU**ssia, **South Africa**, **South Korea**, **SP**ain, **TH**ailand, **TU**rkey, **United Kingdom**, **UKR**aine, **United States of America**, **UZ**zbekistan, **VE**nezuela