

Supplementary Appendix

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to: Mackenbach JP, Stirbu I, Roskam A-JR, et al. Socioeconomic inequalities in health in 22 European countries. *N Engl J Med* 2008;358:2468-81.

(This PDF was updated September 17, 2008. The change was to Web Table 2.)

Web table 1. List of causes of death

	Cause of death	ICD 9 codes	ICD 10 codes
1.	Tuberculosis	010-018,137	A15-19, B90
2.	Other infectious and parasitic diseases	Rest (001-139)	Rest (A00-B99)
3.	Cancer of buccal cavity, pharynx and oesophagus	140-150	C00-C15
4.	Cancer of stomach	151	C16
5.	Cancer of colorectum	153-154	C18-C21
6.	Cancer of liver	155	C22.0, C22.1, C22.9
7.	Cancer of pancreas	157	C25
8.	Cancer of larynx	161	C30-32
9.	Cancer of trachea, bronchus, lung	162-163; 165	C33-C34; C39
10.	Cancer of breast	174-175	C50
11.	Cancer of cervix uteri	180	C53
12.	Cancer of prostate	185	C61
13.	Cancer of testis	186	C62
14.	Cancer of kidney and bladder	188-189	C64-C68
15.	Hodgkin's disease and leukemia	201, 204-208	C81, C91-C95
16.	Other neoplasms	Rest (140-239)	Rest (C00-D48)
17.	Diabetes Mellitus	250	E10-E14
18.	Alcoholic psychosis, dependence, abuse	291, 303, 305.0	F10
19.	Epilepsy	345	G40-G41
20.	Hypertension	401-405	I10-I15
21.	Ischaemic heart disease	410-414	I20-I25
22.	Alcoholic cardiomyopathy	425.5	I42.6
23.	Chronic rheumatic heart disease	390-398	I00-I09
24.	Other heart disease	416; 420-429	I26-I52; I98
25.	Cerebrovascular disease	430-438	I60-I69
26.	Other circulatory diseases	Rest (390-459)	Rest (I00-I99)
27.	Pneumonia/influenza	487; 480-486	J10-J18
28.	Asthma	493	J45-J46
29.	Other COPD	490-494; 496	J40-J44; J47
30.	Appendicitis, hernia, and peptic ulcer	531-534, 540-543, 550-553, 560	K25-K28, K35-K38; K40-K46; K56
31.	Alcoholic cirrhosis of liver and pancreas	571.0-571.3, 577.0-577.1	K70, K85-K86.0
32.	Cholecystitis and lithiasis	574-576	K80-K83
33.	Other liver and gall bladder diseases	Rest (570-577)	Rest (K70-K87)
34.	Prostate hyperplasia	600	N40
35.	Maternal deaths	630-677	O 00-99
36.	Symptoms and ill defined conditions	780-799	R00-R99
37.	Road traffic accidents	E800-E829	V01-V89, Y85
38.	Other traffic accidents	E830-E848	V80-V99
39.	Accidental poisoning by alcohol	E860	X45
40.	Accidental fall	E880-888	W00-W19
41.	Suicide	E950-959	X60-X84, Y87.0
42.	Homicide	E960-E969	X85-Y09, Y87.1
43.	Injuries, unknown whether intentional	E980-989	Y10-Y24
44.	Other external causes	Rest (E800-999)	Rest (V01-Y98)

Web table 2. Distribution of the study populations by educational level (men and women, 30-74 years).

Country	Educational level (%)		
	Primary or lower secondary	Upper secondary	Tertiary
Finland	48,9	29.9	21.1
Sweden	39,6	42.3	18.1
Norway	32,2	48.3	19.5
Denmark	44,7	35.1	20.2
England	81,4	10,9	7,7
Belgium	64,0	20.5	15.5
Switzerland	29,7	54.9	15.5
France	55,4	32.8	11.8
Turin	71,4	19.8	8.7
Barcelona	69,1	14.7	16.1
Madrid region	70,3	14.8	14.9
Basque country	69,9	16.8	13.3
Slovenia	46.5	42.6	11.0
Hungary	64,3	23.3	12.4
Czech Republic	63,5	26.1	10.5
Poland	57,1	32.0	10.9
Lithuania	31,7	51.6	16.6
Estonia	30,6	51.9	17.5

Source: National or regional population census

Web table 3. Distribution of the study populations by occupational class (men 30-59 years).

Country	Occupational class (%)		
	Manual	Non-manual	Other
Finland	34.6	46.6	18.8
Sweden	39.4	38.2	22.4
Norway	48.4	40.7	12.9
Belgium	38.0	33.3	28.7
Switzerland	53.3	24.9	21.8
France	46.2	34.5	19.3
Turin	37.3	42.8	19.9
Basque country	36.5	56.2	7.3

Source: National or regional population census

Web table 4. Distribution of the study populations by income level (both genders, 30-69 years).

Country	Income quintile	Number of respondents	%	Average income^{*)}
Sweden	Poorest	1205	12,1	n/a
	2	2092	21,1	n/a
	3	2160	21,8	n/a
	4	2196	22,1	n/a
	Richest	2265	22,8	n/a
	<i>Missing</i>	0	0,0	n/a
		9918		
Norway	Poorest	1180	19,9	1355
	2	1181	20,0	1968
	3	1181	20,0	2398
	4	1181	20,0	2888
	Richest	1181	20,0	4503
	<i>Missing</i>	14	0,2	-
		5918		
Denmark	Poorest	2629	18,1	1130
	2	2535	17,5	1945
	3	2789	19,2	2665
	4	2463	17,0	3411
	Richest	2571	17,7	5247
	<i>Missing</i>	1516	10,5	-
		14503		
Ireland	Poorest	1208	22,8	n/a
	2	1085	20,5	n/a
	3	1037	19,6	n/a
	4	985	18,6	n/a
	Richest	979	18,5	n/a
	<i>Missing</i>	0	0,0	n/a
		5294		
England/W	Poorest	2233	16,0	610
	2	2320	16,6	1132
	3	2271	16,3	1777
	4	2307	16,5	2735
	Richest	2239	16,0	5794
	<i>Missing</i>	2590	18,6	-
		13960		
Belgium	Poorest	3208	19,7	303
	2	3255	20,0	771
	3	3131	19,2	1007
	4	3240	19,9	1282
	Richest	3207	19,7	1977
	<i>Missing</i>	227	1,4	-
		16268		
Germany	Poorest	1002	15,6	556
	2	991	15,5	882
	3	1003	15,7	1095
	4	1033	16,1	1382

	Richest	1022	16,0	2226
	<i>Missing</i>	1352	21,1	-
		6403		
France	Poorest	2078	15,1	582
	2	2098	15,2	1009
	3	2059	15,0	1318
	4	2091	15,2	1698
	Richest	2066	15,0	3185
	<i>Missing</i>	3379	24,5	-
		13771		
Portugal	Poorest	5323	15,3	129
	2	8358	24,0	320
	3	7619	21,9	546
	4	6332	18,2	815
	Richest	7208	20,7	1545
	<i>Missing</i>	0	0,0	-
		34840		
Hungary	Poorest	1597	17,4	101
	2	1584	17,3	153
	3	1643	17,9	197
	4	1547	16,9	258
	Richest	1572	17,1	461
	<i>Missing</i>	1236	13,5	-
Czech Rep.	Poorest	386	19,0	53
	2	409	20,2	94
	3	369	18,2	121
	4	389	19,2	160
	Richest	370	18,2	262
	<i>Missing</i>	105	5,2	-
		2028		
Estonia	Poorest	401	11,4	n/a
	2	501	14,2	n/a
	3	452	12,8	n/a
	4	522	14,8	n/a
	Richest	422	12,0	n/a
	<i>Missing</i>	1227	34,8	n/a
		3525		

Note (*) Average monthly household income (in euros), including all income components received by any household member, after subtraction of taxes and social premiums. Total household income was corrected for household size through division by the number of household members raised to the power 0.36.

n/a = only percentile

or categorical data were available in the original data source, which permitted a classification in approximate quintiles but not a calculation of mean income per quintile.

Source: National health or multipurpose survey (see table 1)