

Annex 11. European Community Health Indicators that can be measured by surveys

Full list of ECHI indicators

Indicator (group)	Source type	Indicator present in list of:		
		WHO	OECD	Commission
1.DEMOGRAPHY AND SOCIO-ECONOMIC FACTORS				
1.2 Socio-economic factors				
• Education attainment	Reg., survey	+	+	+
• Population by employment type	Reg., survey	-	-	+
• Population by occupational class	Reg., survey	-	-	-
• Total employment	Reg., survey	-	+	+
• Total unemployment	Reg., survey	+	+	+
• Population by ethnicity	Reg., survey	-	-	-
• Population by household situation	Reg., survey	-	-	+
• Population by income level; distribution of income	Reg., survey	-	+	-
2. HEALTH STATUS				
2.1 Mortality				
2.1.1 Life expectancy and related indicators				
• Infant mortality	Reg, survey	+	+	+
2.2 Morbidity, disease-specific				
• Incidence/prevalence of diseases; selection see below	Reg., survey	+	(+)	+

Indicator (group)	Source type	Indicator present in list of:		
		WHO	OECD	Commission
<ul style="list-style-type: none"> Selection of large-impact diseases/disorders 	<ul style="list-style-type: none"> All cancers; incidence (WHO, OECD, IARC) Lung etc. cancer; incidence (WHO, OECD, IARC) Breast cancer; incidence (WHO, OECD, IARC) Cervix uteri cancer; incidence (WHO, OECD, IARC) Colorectal cancer; incidence (OECD, IARC) Prostate cancer (WHO, OECD, IARC) Diabetes; incidence/prevalence (WHO, Eurostat) (D) Dementia/Alzheimer; incidence/prevalence (Eurostat) (D) Depression; incidence/prevalence (mental health project: CIDI, year prevalence) Generalized anxiety disorder; incidence/prevalence (mental health project: CIDI, year prevalence, second choice: CID-S); attempted suicide (CIDI) (D) Alcohol-related disorders; incidence (prevalence) (WHO: psychosis; mental health project: alc. dependency, source CAGE method) (WHO) (D) Ischaemic heart disease; incidence (prevalence) (WHO) (D) Acute myocardial infarction; incidence (D) Heart failure; incidence/prevalence (D) Cerebrovascular accident; incidence (prevalence) (WHO) (D) COPD; prevalence/incidence (WHO) (D) Asthma; prevalence/incidence (D) Decayed etc. teeth; DMFT-12 index (WHO, OECD) Musculoskeletal disorders; incidence/prevalence (?) (D; specify further) Road traffic injuries; incidence (WHO, OECD) (D) Occupational injuries; incidence (WHO) (D) Home/leisure injuries 			
2.3 Generic health status				
<ul style="list-style-type: none"> Perceived health 	Survey	+	+	+
<ul style="list-style-type: none"> Chronic disease general 	Survey	-	-	-
<ul style="list-style-type: none"> Functional limitations 	Reg., survey	+	-	+
<ul style="list-style-type: none"> Activities (limitations) 	Survey	-	-	+
<ul style="list-style-type: none"> Global activity Limitations indicator 	Survey	-	-	-
<ul style="list-style-type: none"> Short-term activity restrictions 	Survey	-	-	+
<ul style="list-style-type: none"> General mental health 	Survey	-	-	-
<ul style="list-style-type: none"> General quality of life 	Survey	-	-	-
<ul style="list-style-type: none"> Inequality in any above measure 	Survey + calcul.	-	-	-
2.4 Composite health status measures				
<ul style="list-style-type: none"> Disability-free LE 	Reg, survey + calcul	+	+	+
<ul style="list-style-type: none"> Other HALEs 	Reg., survey + calcul	-	-	-
3. DETERMINANTS OF HEALTH				

Indicator (group)	Source type	Indicator present in list of:		
		WHO	OECD	Commission
3.1 Personal and biological factors				
3.1.1 Biological (risk) factors				
• Body mass index	Survey	+	+	+
• Low birth weight	Survey	+	+	-
• Blood pressure	Survey	+	-	-
• Serum cholesterol	Survey	+	-	-
• Indicators of nutritional status?	Survey	-	-	-
3.1.2 Personal conditions				
• Coping ability	Survey	-	-	-
• Sense of mastery	Survey	-	-	-
• Optimism	Survey	-	-	-
• Knowledge and attitudes on health	Survey	-	-	-
3.2 Health behaviors				
3.2.1 Substance use				
• Smoking prevalence	Survey	+	-	+
• Smoking pregnant women	Survey	-	-	-
• Former smoking	Survey	-	-	-
• Amount smoked (cigarettes)	Reg., survey	+	+	+
• Alcohol: non-drinkers	Survey	+	-	+
• Alcohol use (patterns)	Survey	-	-	(+)
• (Il)licit drug use	Survey, reg.	-	-	+
3.2.2 Nutrition				
• Energy from food	Reg., survey	+	+	+
• % energy from total fat	Reg., survey	+	-	+
• % energy from SAFA (saturated fatty acids)	Reg., survey	-	-	-
• % energy from protein	Reg., survey	+	-	+
• Consumption of bread/cereals	Survey	+	-	(+)
• Consumption of fruit excl. juice	Survey	+	+	(+)
• Consumption of vegetables ex. Potatoes	Survey	+	+	(+)
• Consumption of fish	Survey	-	-	-
• Consumption of calcium; other micronutrients by biomarker approach	Survey	-	-	-
• Breastfeeding	Survey	+	-	-
• Consumption of contaminants	Survey	-	-	-
3.2.3 Other health-related behaviors				
• Physical activity	Survey	-	-	+
• Sexual behavior	Survey	-	-	+
• Traffic behavior	Survey	-	-	-
• Other health promotion behaviors?				
3.3 Living and working conditions				
3.3.1 Physical environment				
• Outdoor air	Reg., survey	+	+	+
• Housing	Reg., survey	+	-	+
• Ionizing radiation	Survey	-	-	-

Indicator (group)	Source type	Indicator present in list of:		
		WHO	OECD	Commission
• Noise	Survey	-	-	+
• Other?				
•				
3.3.2 Working conditions				
• Physical workplace exposures	Survey	-	-	-
• Mental workplace exposures, complaints	Survey	-	-	-
3.3.3 Social/cultural environment				
• Social support	Survey	-	-	-
• Social isolation/networks	Survey	-	-	+
• Life events	Survey	-	-	-
• Violence	Survey,reg.	-	-	+
4. HEALTH SYSTEMS				
4.1 Prevention, health protection, health promotion				
4.1.1 Disease prevention				
• Vaccination coverage	Reg., Surv	+	-	+
• Breast cancer screening coverage	Reg., survey	-	-	+
• Cervix cancer screening coverage	Reg., survey	-	-	+
• Hypertension/cholesterol screening coverage	Reg., survey	-	-	-
• Prenatal screening coverage	Reg., Surv	-	-	-
• Neonatal screening coverage	Reg., Surv	-	-	-
• General preventive examination	Survey	-	-	+
• Integral children's health monitoring	Reg., Surv	-	-	+?
4.1.2 Health promotion				
	?			
• Health behavior campaigns: smoking, alcohol, diet, safe sex, drug use, sunlight exposure, physical activity, etc.		-	-	-
• Mental health promotion		-	-	-
4.1.3 Health protection				
	?			
• Regulations on public smoking		-	-	-
• Advertisement restrictions		-	-	-
• Average price of cigarettes		-	+	-
• Regulations on alcohol and car-driving		-	-	-
• Regulations on seat belts, cycle helmets		-	-	-
• Regulations on food safety/quality		-	-	-
• Regulations on air/water quality		-	-	-
4.2 Health care resources				
4.3 Health care utilization				
4.3.1 In-patient care				
• Bed days, in-patient care	Reg., survey	-	+	-
4.3.2 Out-patient care				
• Out-patient contacts	Reg., survey	+	+	+
4.3.3 Surgical operations and procedures				
	Reg., survey	+	+	(+)

Indicator (group)	Source type	Indicator present in list of:		
		WHO	OECD	Commission
4.3.4 Medicines, medical aids				
• Medicine use total	Survey	-	+	+
• Medicine use, specifics:	Reg.	-	+	-
• Peptic ulcer	Surv			
• Diabetes				
• Cholest-/triglyc. reducers				
• Cardiac glycosides				
• Anti-arrhythmics				
• Diuretics				
• Beta blocking agents				
• Antibacterials systemic				
• Analgesics				
• Benzodiazepines				
• Psychoanaleptics				
• Anti-asthmatics				
• Medical aids use	Reg, survey	-	-	-
4.4 Health expenditures and financing				
4.4.1 Health care system				
• Insurance coverage	Reg., survey	-	+	-
• Distribution of household expenditure on health	Survey	-	-	-
4.4.3 Expenditure on medical services				
• Exp. on in-patient care (total/publ/priv)	Reg. Surv	+	+	+
• Exp. on out-patient care (total/publ/priv)	Reg. Surv	+	+	+
• Exp. on home care services (total/publ/priv)	Reg. Surv	-	+	-
4.4.4 Medical goods dispensed to out-patients				
• Expenditure on pharmaceuticals and other medical non-durables (total/publ/priv)	Reg. Surv	+	+	+
• Expenditure on medical appliances and other durables (total/publ/priv)	Reg. Surv	-	+	-
4.4.5 Total health expenditure by age group				
• % exp. 0-64 (m/f)		-	-	-
• % exp. 65-74 (m/f)		-	-	-
• % exp. 75+ (m/f)		-	-	-
4.5 Health care quality/performance				
4.5.1 Subjective indicators				
• Perception of the health system	Survey	-	-	+
• Complaints	Reg., survey	-	-	-
4.5.2 Health care process indicators				
• Waiting lists/times	Reg. Surv	-	-	-
• Variations in no. of specific interventions/surg.	Reg., survey	-	-	-

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