

Additional File 2: Indicator availability score of the EURO-HEALTHY PHI indicators.

Area of Concern	Indicator	Data availability score					Final Score		
		Group I		Group II					
		1. NUTS 2 level	2. Reference year	3. Data source	4. Estimated	5. Similar			
HEALTH DETERMINANTS COMPONENT	ECONOMIC CONDITIONS	Dimension: Employment	0.8	0.9	1.0	0.9	1.0	0.92	
		Unemployment rate (%)	0.8	1.0	1.0	1.0	1.0	0.95	
		Long-term unemployment rate - 12 months and more (%)	0.8	0.8	1.0	0.8	1.0	0.88	
		Dimension: Income and living conditions	0.3	0.8	0.9	1.0	1.0	0.78	
		Disposable income of private households per capita (Euro per inhabitant)	0.8	0.8	0.8	1.0	1.0	0.86	
		People at risk of poverty or social exclusion (%)	0.2	0.8	1.0	1.0	1.0	0.77	
		Disposable income ratio - S80/S20 (ratio)	0.0	0.8	1.0	1.0	1.0	0.72	
		Dimension: Social protection	0.0	1.0	1.0	1.0	0.8	0.74	
		Expenditure on care for elderly (% of GDP)	0.0	1.0	1.0	1.0	0.8	0.74	
		Dimension: Security	0.6	1.0	1.0	1.0	1.0	0.91	
		Crimes recorded by the police per 100,000 inhabitants	0.6	1.0	1.0	1.0	1.0	0.91	
		EDUCATION	Dimension: Education	1.0	0.8	1.0	0.9	1.0	0.94
			Population aged 25-64 with upper secondary or tertiary education attainment (%)	1.0	0.8	1.0	1.0	1.0	0.95
			Early leavers from education and training (%)	1.0	0.8	1.0	0.8	1.0	0.92
		DEMOGRAPHIC CHANGE	Dimension: Ageing	0.5	0.9	1.0	1.0	1.0	0.86
			At risk of poverty rate of older people - aged 65 years or over (%)	0.0	0.8	1.0	1.0	1.0	0.72
			Ageing index (ratio)	1.0	1.0	1.0	1.0	1.0	1.00
		LIFESTYLE AND HEALTH BEHAVIOURS	Dimension: Lifestyle and Health Behaviours	0.3	0.5	0.9	1.0	1.0	0.69
		Adults who are obese (%)	0.0	0.6	0.8	1.0	1.0	0.63	
		Daily smokers - aged 15 and over (%)	0.0	0.4	0.8	1.0	1.0	0.58	
		Pure alcohol consumption - aged 15 and over (Liters per capita)	0.0	0.2	1.0	1.0	1.0	0.58	
		Live births by mothers under age of 20 (%)	1.0	0.8	1.0	1.0	1.0	0.95	
	PHYSICAL ENVIRONMENT	Dimension: Pollution	0.7	0.9	0.9	1.0	1.0	0.86	
		Annual mean of the daily PM _{2.5} concentrations (ug/m ³)	1.0	0.8	0.8	1.0	1.0	0.91	
		Annual mean of the daily PM ₁₀ concentrations (ug/m ³)	1.0	0.8	0.8	1.0	1.0	0.91	
		Greenhouse Gas (GHG), total tonnes of CO2 eq. emissions per annum per capita	0.0	1.0	1.0	1.0	1.0	0.77	
	ENVIRONMENT	Dimension: Housing conditions	0.6	0.6	0.9	1.0	0.9	0.77	
		Average number of rooms per person	0.2	0.2	0.8	1.0	1.0	0.58	

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	Households without indoor flushing toilet (%)	0.8	0.8	0.8	1.0	1.0	0.86
	Households without central heating (%)	0.8	0.8	1.0	1.0	0.8	0.88
	Dimension: Water and sanitation	0.1	0.2	0.6	1.0	1.0	0.50
	Population connected to wastewater treatment plants (%)	0.0	0.2	0.8	1.0	1.0	0.53
	Population connected to public water supply (%)	0.2	0.2	0.4	1.0	1.0	0.34
	Dimension: Waste management	0.0	1.0	1.0	1.0	1.0	0.77
	Recycling rate of municipal waste (%)	0.0	1.0	1.0	1.0	1.0	0.77
ROAD SAFETY	Dimension: ROAD SAFETY	1.0	0.8	1.0	1.0	1.0	0.95
	Victims in road accidents - injured and killed per 100,000 inhabitants	1.0	0.8	1.0	1.0	1.0	0.95
	Fatality rate due to road traffic accidents per 1,000 victims	1.0	0.8	1.0	1.0	1.0	0.95
HEALTHCARE RESOURCES AND EXPENDITURE	Dimension: Healthcare resources	0.6	0.8	1.0	1.0	1.0	0.86
	Medical doctors per 100,000 inhabitants	0.6	0.8	1.0	1.0	1.0	0.86
	Health personnel (nurses and midwives, dentists, pharmacists and physiotherapists) per 100,000 inhabitants	0.6	0.8	1.0	1.0	1.0	0.86
	Dimension: Healthcare expenditure	0.0	1.0	1.0	1.0	1.0	0.77
	Total health expenditure (THE). PPP\$ per capita, WHO estimates	0.0	1.0	1.0	1.0	1.0	0.77
	Private households' out-of-pocket on health as percentage of total health expenditure (THE)	0.0	1.0	1.0	1.0	1.0	0.77
	Public expenditure on health. PPP\$ per capita, WHO estimates	0.0	1.0	1.0	1.0	1.0	0.77
HEALTHCARE PERFORMANCE	Dimension: Healthcare performance	0.6	0.3	0.8	0.9	1.0	0.68
	Hospital discharges due to diabetes, hypertension and asthma per 100,000 inhabitants	0.4	0.4	0.8	1.0	1.0	0.67
	Amenable deaths due to health care – standardised death rate per 100,000 inhabitants	0.8	0.2	0.8	0.8	1.0	0.69
HEALTH OUTCOMES COMPONENT	Dimension: Mortality	0.8	0.7	0.9	0.9	1.0	0.87
	Life expectancy at birth (years)	0.8	1.0	1.0	1.0	1.0	0.95
	Infant mortality per 1,000 live births	0.8	1.0	1.0	1.0	1.0	0.95
	Preventable deaths - SDR per 100,000 inhabitants	0.8	0.2	0.8	0.8	1.0	0.69
	Dimension: Morbidity	0.0	1.0	1.0	1.0	1.0	0.77
	Self-perceived health less than good (%)	0.0	1.0	1.0	1.0	1.0	0.77
	Age-standardized Disability-Adjusted Life Year (DALY) rates	0.0	1.0	1.0	1.0	1.0	0.77
	Low birth-weight (%)	0.0	1.0	1.0	1.0	1.0	0.77

