

SUMMARY LIST OF ENVIRONMENTAL HEALTH INDICATORS

ISSUE	THEME/ TOPIC	INDICATOR	EXAMPLE DEFINITION	DPSEEA
Socio-demographic context	Poverty	Poverty	Human poverty index (compound index)	Driving force
	Population density	Population density	Population density	Driving force
	Population growth	Rate of population growth	Annual net rate of population growth	Driving force
	Age structure	Dependent population	Percentage of people aged less than 16 years or 65 years or more	Driving force
	Urbanisation	Rate of urbanisation	Annual net rate of change in the proportion of people living in urban areas	Driving force
	Infant mortality	Infant mortality rate	Annual death rate of infants under one year of age	Effect
	Life expectancy	Life expectancy	Number of years a newborn baby is expected to live, given the prevailing mortality rate	Effect
Air pollution	Outdoor air pollution	Ambient concentrations air pollutants in urban areas	Mean annual concentrations of ozone, CO particulates (PM ₁₀ , PM _{2.5} , SPM), SO ₂ , NO ₂ , O ₃ and lead in the outdoor air in urban areas	State
	Indoor air pollution	Sources of indoor air pollution	Percentage of households using coal, wood or kerosene as the main source of heating and cooking fuel	Exposure
	Respiratory illness	Childhood morbidity due to acute respiratory illness	Annual mortality rate due to acute respiratory infections in children under five years of age	Effect
	Air quality management	Capability for air quality management	Capability to implement air quality management	Action
	Air quality management	Availability of lead-free gasoline	Consumption of lead-free gasoline as a percentage of total gasoline consumption	Action
Sanitation	Excreta disposal	Access to basic sanitation	Proportion of the population with access to adequate excreta disposal facilities	Exposure

ISSUE	THEME/ TOPIC	INDICATOR	EXAMPLE DEFINITION	DPSEEA
	Diarrhoea	Diarrhoea morbidity in children	Incidence of diarrhoea morbidity in children under five years of age	Effect
Shelter	Informal settlements	Percentage of population living in informal settlements	Percentage of the population living in informal settlements	Exposure
	Unsafe housing	Percentage of population living in unsafe housing	Percentage of the population living in unsafe, unhealthy or hazardous housing	Effect
	Home accidents	Accidents in the home	Incidence of accidents in the home	Effect
	Urban planning	Urban planning and building regulations	Scope and extent of building and planning regulations for housing	Action
Access to safe drinking water	Water quality/supply	Access to safe and reliable supplies of drinking water	Percentage of the population with access to an adequate amount of safe drinking water in the dwelling or within a convenient distance from the dwelling	Exposure/ Action
	Water quality/supply	Connections to piped water supply	Percentage of households receiving piped water to the home	Exposure/ Action
	Diarrhoea	Diarrhoea morbidity in children	Incidence of diarrhoea morbidity in children under five years of age	Effect
	Diarrhoea	Diarrhoea mortality in children	Diarrhoea mortality rate in children under five years of age	Effect
	Water-borne diseases	Outbreaks of water-borne diseases	Incidence of outbreaks of water-borne diseases	Effect
	Water quality monitoring	Intensity of water quality monitoring	Density of water quality monitoring network	Action
Vector-borne disease	Population at risk	Population at risk from vector-borne diseases	Number of people living in areas infected by disease vectors	Exposure
	Vector-borne disease mortality	Mortality due to vector-borne diseases	Mortality rate due to vector-borne diseases	Action

ISSUE	THEME/ TOPIC	INDICATOR	EXAMPLE DEFINITION	DPSEEA
	Vector control	Adequacy of vector control and management systems	Percentage of the at-risk population covered by effective vector control and management systems, by disease type	Action
Solid waste management	Waste collection	Municipal waste collection	Percentage of population served by regular waste collection services	Action
	Waste disposal	Municipal waste disposal	Mass of solid waste disposed of by municipal waste management services	Action
	Waste management	Hazardous waste policies	Effectiveness of hazardous waste policies and regulations	Action
Hazardous/ Toxic substances	Blood lead	Blood-lead level in children	Percentage of children with blood lead levels >10 ug/dl	Exposure
	Chemical poisonings	Mortality due to poisoning	Mortality rate due to poisoning	Effect
	Contaminated land	Contaminated land management	Scope and rigour of contaminated land management	Action
Food safety	Food-borne diseases	Food-borne illness	Outbreak rate of food-borne illness	Effect
	Diarrhoea	Diarrhoea morbidity in children	Incidence of diarrhoea morbidity in children under five years of age	Effect
	Diarrhoea	Diarrhoea mortality in children	Diarrhoea mortality rate in children under five years of age	Effect
	Monitoring of food safety	Monitoring of chemical hazards in food	Proportion of potentially hazardous chemicals monitored in food	Action
Radiation	Radiation exposure	Cumulative radiation dose	Percentage of the population receiving an effective radiation dose in excess of 5 mS/yr	Exposure
	UV exposure	UV light index	UV light index	Exposure
Non-occupational health risks	Motor vehicle accidents	Mortality from motor vehicle accidents	Death rate due to road accidents	Effect
	Non-occupational injury	Injuries to children	Incidence of physical injury to children less than 5 years of age	Effect
	Poisoning	Incidence of poisonings of young children	Number of reported poisonings per year in children under 5 years of age	Effect

ISSUE	THEME/ TOPIC	INDICATOR	EXAMPLE DEFINITION	DPSEEA
Occupational health risks	Occupational hazards	Exposure to unsafe work-places	Percentage of workers exposed to unsafe, unhealthy or hazardous working conditions	Exposure
	Occupational morbidity	Morbidity due to occupational health hazards	Incidence of occupational injury	Effect
	Occupational mortality	Mortality from occupational health hazards	Incidence of occupational mortality	Effect

Source: WHO 1999