

IV. Summary of Core Environmental Public Health Indicators

Topics	Lead (Pb)	Sun and Ultraviolet Light
Air, Ambient (Outdoor)	Noise	Toxics and Waste
Air, Indoor	Pesticides	Water, Ambient
Disasters	Sentinel Events	Water, Drinking

Hazard Indicators (potential for exposure to contaminants or hazardous conditions)

Criteria pollutants in ambient air
Hazardous or toxic substances released in ambient air
Residence in non-attainment areas (for criteria air pollutants)
Motor vehicle emissions
Tobacco smoke in homes with children
Residence in a flood plain
Pesticide use and patterns of use
Residual pesticide or toxic contaminants in foods
Ultraviolet light
Chemical spills
Monitored contaminants in ambient and drinking water
Point-source discharges into ambient water
Contaminants in shellfish and sport and commercial fish

Exposure Indicator (biomarkers of exposure)

Blood lead level (in children)

Health Effect Indicators (occurrence of morbidity or mortality attributed to exposure)

Carbon monoxide poisoning
Deaths attributed to extremes in ambient temperature
Lead poisoning (in children)
Noise-induced hearing loss (non-occupational)
Pesticide-related poisoning and illness
Illness or condition with suspected or confirmed environmental contribution (a case or an unusual pattern)
Melanoma
Possible child poisoning (resulting in consultation or emergency department visit)
Outbreaks attributed to fish and shellfish
Outbreaks attributed to ambient or drinking water contaminants

Intervention Indicators (programs or official policies addressing environmental hazards)

Programs that address motor vehicle emissions
Alternate fuel use in registered motor vehicles
Availability of mass transit
Policies that address indoor air hazards in schools
Laws pertaining to smoke-free indoor air
Indoor air inspections
Emergency preparedness, response, and mitigation training programs, plans, and protocols
Compliance with pesticide application standards (among pesticide workers)
Activity restrictions in ambient water (health-based)
Implementation of sanitary surveys
Compliance with operation and maintenance standards for drinking water systems
Boil-water advisories