

Attachment 3: Phased Health Indicator Development and Implementation

Exposure	Health effects	Indicators for 2026 launch	Proposed indicators requiring further feasibility investigations	Proposed indicators that rely on partnerships
Temperature related	Heat and cold-related morbidity and mortality Mental health impacts	Rate of ED visits for heat-related illness Rate of ED visits for cold-related illness	Number of heat or cold related workplace injuries EMS calls for heat or cold emergencies	Modeled all-cause morbidity due to heat or cold Modeled all-cause mortality due to heat or cold Modeled mental health morbidity due to heat or cold Modeled drug overdoses due to heat or cold
Changes in vector ecology	Tickborne disease West Nile Virus	Rate of tickborne illness Rate of mosquito borne illness Number of mosquito pools positive for West Nile Virus		
Severe weather and extreme events	Injuries and infections Mortality Mental health impacts	Rate of unintended injury ED visits following extreme weather Number of recreational water quality exceedances following extreme weather	Rate of ED visits for gastrointestinal illness following extreme weather Rate of gastrointestinal illness following extreme weather Mortality due to extreme weather	Modeled mental health morbidity due to extreme weather
Poor air quality and wildfire	Respiratory and cardiovascular disease Asthma exacerbations Cancer	Rate of ED visits due to respiratory illness during and following an air quality advisory Rate of ED visits due to asthma exacerbation during and following an air quality advisory	Lung cancer incidence Childhood leukemia incidence	Modeled all-cause morbidity due to air pollution Modeled all-cause mortality due to air pollution Mortality for respiratory and cardiovascular illness Mortality due to asthma exacerbation
UV radiation	Eye damage Sunburns Skin cancer	Skin cancer incidence	Eye damage Rate of ED visits for sunburns	
Food security and safety	Food-borne disease Mental health impacts	Rate of foodborne illness†	Rate of food insecurity	Modeled mental health impacts due to food insecurity
Water quality	Water quality Water-borne disease	Rate of waterborne disease† Number of recreational water quality exceedances	Rate of ED visits due to dermatitis	

†Excluding cases with out of country travel history