Climate change is already causing preventable injuries, illnesses, and deaths. Further climate change is expected to alter the geographic range and burden of a variety of climate-sensitive health outcomes and to affect the functioning of public health and health care systems. If no additional actions are taken, then over the coming decades, substantial increases in morbidity and mortality are expected in association with a range of health outcomes, including heat-related illnesses, illnesses caused by poor air quality, undernutrition from reduced food quality and security, and selected vectorborne diseases in some locations. At the same time, worker productivity is expected to decrease, particularly at low latitudes. Vulnerable populations and regions will be differentially affected, with expected increases in poverty and inequities because of climate change. Investments in and policies to promote proactive and effective adaptation and reductions in greenhouse gas emissions (mitigation) would decrease the magnitude and pattern of health risks, particularly in the medium-to-long term.

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