

**Table 20-1**  
**Summary of Potential Health Outcomes and Health Measures**

Exposures	Health Outcomes Examples	How Health Outcomes May be Measured or Quantified
<b>Air:</b>		
Fine and respirable particulates (PM <sub>2.5</sub> , and PM <sub>10</sub> , respectively)	Myocardial Infarctions (heart attacks), total mortality, asthma related hospitalizations and emergency room visits	Number of hospitalizations; Number of emergency room visits; Number of deaths
Ozone		
Oxides of nitrogen and sulfur		
<b>Water:</b>		
Non-potable & recreational (beach water; exposure from flood conditions, recycled water)	Gastroenteric illnesses	Number of cases of gastroenteric illnesses.
<b>Soil and Dust:</b>		
Lead and other metals; hazardous materials	Poisonings; gastroenteric illness	Cases with elevated blood lead levels, number of poisonings, and number of cases of gastroenteric illness.
Dust conditions	Asthma and respiratory complaints related to dust conditions	Number of hospitalizations or emergency room visits for asthma exacerbations.
<b>Noise</b>		
Residential impacts	Quality-of-life impacts (reports of nuisance)	311 calls Number of people exposed to hearing-damaging noise levels
<b>Pests</b>		
Rats or mice	Infestation	311 calls of rodent infestation
Raccoons and other wildlife	Bites; rabies	Number of rabies cases and animal bites reported to Health Department
Mosquitoes (conditions that are conducive to standing water leading to breeding)	Quality-of-life impacts (nuisance); WNV	Number of WNV and mosquito-related encephalitis; 311 calls regarding nuisance mosquitoes; 311 calls regarding standing water complaints.