

## Air Quality Health Impacts and Values by Trees

Location: Springfield, Hampden, Massachusetts, United States of America

Project: Springfield Squares, Series: Parks, Year: 2018

Generated: 4/8/2019



	NO2		O3		PM2.5		SO2	
	Incidence (Reduction/yr)	Value (\$/yr)	Incidence (Reduction/yr)	Value (\$/yr)	Incidence (Reduction/yr)	Value (\$/yr)	Incidence (Reduction/yr)	Value (\$/yr)
Acute Bronchitis					0.000	0.00		
Acute Myocardial Infarction					0.000	0.17		
Acute Respiratory Symptoms	0.001	0.03	0.012	1.04	0.002	0.24	0.000	0.00
Asthma Exacerbation	0.013	1.12			0.002	0.19	0.001	0.04
Chronic Bronchitis					0.000	0.52		
Emergency Room Visits	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00
Hospital Admissions	0.000	0.75	0.000	0.44			0.000	0.06
Hospital Admissions, Cardiovascular					0.000	0.03		
Hospital Admissions, Respiratory					0.000	0.02		
Lower Respiratory Symptoms					0.000	0.00		
Mortality			0.000	62.69	0.000	62.05		
School Loss Days			0.006	0.57				
Upper Respiratory Symptoms					0.000	0.00		
Work Loss Days					0.000	0.07		
<b>Total</b>	<b>0.014</b>	<b>1.90</b>	<b>0.018</b>	<b>64.74</b>	<b>0.005</b>	<b>63.29</b>	<b>0.001</b>	<b>0.11</b>

EPA Environmental Benefits Mapping and Analysis Program <http://www.epa.gov/airquality/benmap/index.html>

Incidence: the total number of adverse health effects avoided in a year due to a change in pollution concentration

Value: the economic value that is associated with the incidence of adverse health effects