

### National PM Benefits of CAAA in 2010

Endpoint Group	Incidence				
	Percentile 5	Percentile 25	Mean	Percentile 75	Percentile 95
Mortality - Pope et al., 2002	40,800	77,500	102,000	127,000	162,000
Mortality - Laden et al., 2006	140,000	207,000	250,000	295,000	356,000
Mortality – Median of Expert Elicitation	28,400	105,000	184,000	229,000	326,000
<i>EPA Weibull distribution to address HES Draft Recommendation</i>	<i>34,300</i>	<i>98,200</i>	<i>179,000</i>	<i>247,000</i>	<i>380,000</i>
Infant Mortality - Woodruff et al., 1997	130	209	263	317	394
Chronic Bronchitis	9,740	40,300	59,300	79,200	105,000
Nonfatal Myocardial Infarction	57,600	111,000	142,000	176,000	218,000
Hospital Admissions, Respiratory	12,200	19,400	24,400	29,400	36,500
Hospital Admissions, Cardiovascular	36,600	44,500	48,900	53,900	59,100
Emergency Room Visits, Respiratory	53,600	73,900	87,100	101,000	119,000
Acute Bronchitis	-6,200	92,900	146,000	206,000	273,000
Lower Respiratory Symptoms	942,000	1,490,000	1,840,000	2,200,000	2,670,000
Upper Respiratory Symptoms	490,000	1,120,000	1,550,000	1,990,000	2,610,000
Asthma Exacerbation	214,000	851,000	1,930,000	2,490,000	5,490,000
Minor Restricted Activity Days	69,900,000	77,200,000	82,200,000	87,300,000	94,400,000
Work Loss Days	12,300,000	13,400,000	14,100,000	14,800,000	15,900,000
Notes:					
<ol style="list-style-type: none"> <li>1. Results are rounded to three significant figures.</li> <li>2. The 5<sup>th</sup>, 25<sup>th</sup>, 75<sup>th</sup>, and 95<sup>th</sup> percentile incidence results for the Median of Expert Elicitation estimate reflects the median of the experts 5<sup>th</sup>, 25<sup>th</sup>, 75<sup>th</sup>, and 95<sup>th</sup> percentile estimates, incorporating the experts view of the causal relationship between PM and mortality.</li> </ol>					