

State-Level Results from
Industrial Economics (2020), *The Benefits and Costs of Air Pollution Regulations*, Commissioned by NRDC.

Avoided Premature Mortality (No. of Avoided Deaths)				
STATE	2020		2030	
	Low	High	Low	High
ALABAMA	2,978	6,087	3,367	6,886
ARIZONA	786	1,658	1,141	2,407
ARKANSAS	1,214	2,514	1,422	2,946
CALIFORNIA	20,612	39,409	27,948	53,525
COLORADO	916	1,868	1,268	2,594
CONNECTICUT	2,466	5,081	3,007	6,196
DELAWARE	926	1,896	1,176	2,410
DISTRICT OF COLUMBIA	719	1,360	805	1,522
FLORIDA	5,693	11,786	7,553	15,636
GEORGIA	5,854	11,506	7,470	14,672
IDAHO	66	140	91	194
ILLINOIS	8,528	16,339	10,675	20,392
INDIANA	6,439	12,754	7,538	14,919
IOWA	674	1,378	782	1,598
KANSAS	839	1,706	1,016	2,065
KENTUCKY	5,408	10,879	6,189	12,435
LOUISIANA	2,683	5,345	3,389	6,737
MAINE	1,296	2,775	1,743	3,734
MARYLAND	6,286	12,529	8,011	15,971
MASSACHUSETTS	4,487	9,169	5,554	11,356
MICHIGAN	5,865	11,937	7,087	14,415
MINNESOTA	2,104	3,922	2,764	5,162
MISSISSIPPI	1,375	2,812	1,620	3,309
MISSOURI	4,250	8,424	4,862	9,654
MONTANA	62	135	84	183
NEBRASKA	273	564	323	667
NEVADA	338	726	517	1,108
NEW HAMPSHIRE	1,203	2,518	1,631	3,410
NEW JERSEY	8,945	17,838	10,920	21,805
NEW MEXICO	155	327	213	451
NEW YORK	16,390	31,885	19,232	37,463
NORTH CAROLINA	6,516	13,117	8,305	16,703
NORTH DAKOTA	50	108	64	138
OHIO	12,983	25,801	14,984	29,766
OKLAHOMA	1,207	2,491	1,396	2,880
OREGON	492	1,042	667	1,412
PENNSYLVANIA	15,228	30,430	17,798	35,591
RHODE ISLAND	715	1,474	872	1,798
SOUTH CAROLINA	2,628	5,373	3,427	7,012
SOUTH DAKOTA	97	206	116	246
TENNESSEE	4,841	9,963	5,778	11,889
TEXAS	5,558	11,356	7,754	15,815
UTAH	1,040	2,007	1,400	2,709
VERMONT	338	720	421	899
VIRGINIA	6,119	12,454	7,740	15,738
WASHINGTON	1,104	2,309	1,551	3,242
WEST VIRGINIA	3,610	7,446	3,875	7,989
WISCONSIN	2,930	5,963	3,613	7,364
WYOMING	39	84	50	108

* The range for values reflects alternative estimates for the mortality impacts associated with exposure to PM_{2.5} and O₃, consistent with EPA practice.

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STATE	Avoided Morbidity Benefits (2015\$)		Avoided Mortality Benefits (2015\$)			
	2020	2030	2020		2030	
			Low	High	Low	High
ALABAMA	503,213,500	569,187,000	30,969,855,000	63,304,173,000	37,040,813,000	75,746,928,000
ARIZONA	172,866,000	238,716,500	8,170,856,000	17,239,294,000	12,551,670,000	26,475,803,000
ARKANSAS	210,046,000	252,155,000	12,625,266,000	26,147,267,000	15,646,696,000	32,403,054,000
CALIFORNIA	4,370,970,500	5,454,897,500	214,365,738,000	409,854,098,000	307,425,951,000	588,769,834,000
COLORADO	197,552,500	266,240,500	9,521,446,000	19,424,426,000	13,952,541,000	28,530,554,000
CONNECTICUT	483,163,000	560,992,000	25,643,398,000	52,843,297,000	33,078,831,000	68,158,403,000
DELAWARE	170,578,000	208,908,000	9,626,866,000	19,722,999,000	12,932,023,000	26,508,676,000
DISTRICT OF COLUMBIA	148,794,500	178,283,000	7,477,425,000	14,148,596,000	8,850,751,000	16,747,166,000
FLORIDA	1,037,692,500	1,321,360,500	59,210,794,000	122,571,167,000	83,078,100,000	171,995,229,000
GEORGIA	1,131,779,000	1,394,208,500	60,880,347,000	119,665,311,000	82,169,204,000	161,391,489,000
IDAHO	12,721,000	16,635,000	685,835,000	1,458,876,000	1,001,447,000	2,130,475,000
ILLINOIS	1,713,434,000	2,036,029,000	88,691,815,000	169,929,028,000	117,423,951,000	224,311,295,000
INDIANA	1,133,065,000	1,323,449,000	66,969,979,000	132,639,169,000	82,916,624,000	164,108,766,000
IOWA	119,587,500	137,857,000	7,008,944,000	14,329,986,000	8,600,169,000	17,576,335,000
KANSAS	152,062,500	184,615,000	8,721,555,000	17,738,012,000	11,173,535,000	22,719,980,000
KENTUCKY	936,892,500	1,086,326,000	56,244,531,000	113,144,588,000	68,073,680,000	136,786,091,000
LOUISIANA	458,989,500	571,536,500	27,901,714,000	55,591,712,000	37,275,538,000	74,104,928,000
MAINE	226,923,000	279,441,500	13,474,565,000	28,862,389,000	19,178,162,000	41,068,576,000
MARYLAND	1,192,938,500	1,428,917,500	65,371,353,000	130,299,539,000	88,120,743,000	175,678,009,000
MASSACHUSETTS	866,053,500	1,019,969,000	46,662,060,000	95,354,526,000	61,089,828,000	124,912,662,000
MICHIGAN	1,058,034,000	1,195,691,000	61,001,080,000	124,146,856,000	77,953,103,000	158,561,121,000
MINNESOTA	396,868,500	490,130,500	21,882,729,000	40,786,941,000	30,400,838,000	56,780,993,000
MISSISSIPPI	232,862,000	277,170,500	14,295,275,000	29,243,838,000	17,817,497,000	36,399,346,000
MISSOURI	729,157,000	831,475,000	44,201,447,000	87,610,497,000	53,482,602,000	106,193,784,000
MONTANA	11,749,000	14,893,000	642,892,000	1,406,728,000	918,665,000	2,009,734,000
NEBRASKA	52,586,000	63,582,500	2,838,667,000	5,864,552,000	3,555,719,000	7,336,644,000
NEVADA	72,067,500	99,550,000	3,517,870,000	7,547,400,000	5,681,832,000	12,185,640,000
NEW HAMPSHIRE	216,881,000	262,088,000	12,515,955,000	26,184,634,000	17,937,598,000	37,509,155,000
NEW JERSEY	1,782,821,000	2,083,560,000	93,024,620,000	185,514,050,000	120,121,980,000	239,857,451,000
NEW MEXICO	31,970,000	41,797,500	1,608,349,000	3,396,983,000	2,347,250,000	4,955,643,000
NEW YORK	3,261,328,000	3,772,154,500	170,451,562,000	331,608,240,000	211,546,821,000	412,095,563,000
NORTH CAROLINA	1,162,459,500	1,435,668,000	67,771,214,000	136,420,923,000	91,358,119,000	183,736,643,000
NORTH DAKOTA	9,716,000	12,182,000	522,720,000	1,125,379,000	702,424,000	1,512,638,000
OHIO	2,232,891,000	2,477,781,000	135,024,830,000	268,326,560,000	164,826,096,000	327,424,519,000
OKLAHOMA	217,922,500	264,299,000	12,547,661,000	25,906,962,000	15,351,659,000	31,684,646,000
OREGON	84,591,000	108,667,000	5,120,410,000	10,839,749,000	7,331,758,000	15,536,302,000
PENNSYLVANIA	2,667,757,500	2,953,509,000	158,370,179,000	316,473,166,000	195,775,330,000	391,500,474,000
RHODE ISLAND	134,149,500	154,598,000	7,438,390,000	15,330,848,000	9,589,851,000	19,780,025,000
SOUTH CAROLINA	461,771,000	565,048,500	27,326,030,000	55,874,664,000	37,701,011,000	77,137,243,000
SOUTH DAKOTA	19,375,500	23,535,000	1,005,637,000	2,140,822,000	1,273,156,000	2,710,069,000
TENNESSEE	845,925,000	1,020,071,500	50,349,981,000	103,611,606,000	63,552,958,000	130,778,920,000
TEXAS	1,189,755,500	1,619,510,500	57,805,187,000	118,100,062,000	85,293,293,000	173,962,139,000
UTAH	214,619,000	283,058,500	10,817,284,000	20,876,437,000	15,403,198,000	29,801,547,000
VERMONT	60,275,500	70,396,000	3,511,499,000	7,488,701,000	4,635,256,000	9,884,728,000
VIRGINIA	1,128,244,500	1,364,707,000	63,634,357,000	129,523,469,000	85,136,800,000	173,119,481,000
WASHINGTON	215,058,500	283,695,500	11,484,905,000	24,011,971,000	17,059,413,000	35,663,490,000
WEST VIRGINIA	609,918,000	656,106,000	37,543,547,000	77,438,342,000	42,621,484,000	87,883,360,000
WISCONSIN	524,456,500	623,123,500	30,466,904,000	62,014,775,000	39,747,256,000	81,004,332,000
WYOMING	9,407,500	12,033,500	407,651,000	875,075,000	552,107,000	1,184,612,000

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STATE	Total Benefits (2015\$)			
	2020		2030	
	Low	High	Low	High
ALABAMA	31,470,644,000	63,809,810,000	37,607,183,000	76,318,930,000
ARIZONA	8,342,074,000	17,413,810,000	12,788,191,000	26,716,717,000
ARKANSAS	12,833,214,000	26,359,411,000	15,896,344,000	32,657,716,000
CALIFORNIA	218,740,017,000	414,221,743,000	312,883,674,000	594,221,928,000
COLORADO	9,718,599,000	19,622,377,000	14,218,247,000	28,797,327,000
CONNECTICUT	26,121,620,000	53,331,399,000	33,634,131,000	68,725,089,000
DELAWARE	9,795,979,000	19,895,041,000	13,139,102,000	26,719,413,000
DISTRICT OF COLUMBIA	7,628,907,000	14,294,702,000	9,032,161,000	16,922,321,000
FLORIDA	60,241,770,000	123,615,578,000	84,391,053,000	173,324,995,000
GEORGIA	62,019,903,000	120,789,315,000	83,572,834,000	162,776,271,000
IDAHO	698,377,000	1,471,776,000	1,017,851,000	2,147,341,000
ILLINOIS	90,418,119,000	171,629,596,000	119,476,111,000	226,331,199,000
INDIANA	68,108,719,000	133,766,559,000	84,246,683,000	165,425,607,000
IOWA	7,127,842,000	14,450,264,000	8,737,238,000	17,714,980,000
KANSAS	8,873,143,000	17,890,550,000	11,357,593,000	22,905,152,000
KENTUCKY	57,181,050,000	114,081,855,000	69,159,660,000	137,872,764,000
LOUISIANA	28,361,686,000	56,049,719,000	37,848,421,000	74,675,122,000
MAINE	13,697,418,000	29,093,382,000	19,452,831,000	41,352,790,000
MARYLAND	66,566,035,000	131,490,735,000	89,551,380,000	177,105,209,000
MASSACHUSETTS	47,524,938,000	96,223,757,000	62,106,099,000	125,936,328,000
MICHIGAN	62,054,156,000	125,209,839,000	79,143,209,000	159,762,397,000
MINNESOTA	22,283,861,000	41,179,544,000	30,895,985,000	57,266,107,000
MISSISSIPPI	14,527,057,000	29,477,780,000	18,093,486,000	36,677,700,000
MISSOURI	44,933,592,000	88,336,663,000	54,317,020,000	107,022,320,000
MONTANA	654,292,000	1,418,826,000	933,117,000	2,025,069,000
NEBRASKA	2,890,825,000	5,917,565,000	3,618,810,000	7,400,716,000
NEVADA	3,588,733,000	7,620,672,000	5,779,762,000	12,286,808,000
NEW HAMPSHIRE	12,730,254,000	26,404,098,000	18,196,669,000	37,774,260,000
NEW JERSEY	94,802,308,000	187,302,010,000	122,198,736,000	241,947,817,000
NEW MEXICO	1,639,891,000	3,429,381,000	2,388,492,000	4,997,996,000
NEW YORK	173,729,675,000	334,852,775,000	215,338,737,000	415,847,944,000
NORTH CAROLINA	68,934,047,000	137,583,013,000	92,794,603,000	185,171,496,000
NORTH DAKOTA	532,194,000	1,135,337,000	714,304,000	1,525,121,000
OHIO	137,268,686,000	270,548,487,000	167,316,168,000	329,890,008,000
OKLAHOMA	12,763,916,000	26,126,550,000	15,613,939,000	31,950,966,000
OREGON	5,204,810,000	10,924,531,000	7,440,182,000	15,645,211,000
PENNSYLVANIA	161,043,592,000	319,135,279,000	198,734,846,000	394,447,973,000
RHODE ISLAND	7,571,487,000	15,466,053,000	9,743,250,000	19,935,822,000
SOUTH CAROLINA	27,785,070,000	56,339,167,000	38,262,692,000	77,705,659,000
SOUTH DAKOTA	1,024,607,000	2,160,603,000	1,296,205,000	2,734,090,000
TENNESSEE	51,189,479,000	104,463,956,000	64,565,380,000	131,806,642,000
TEXAS	58,992,267,000	119,292,493,000	86,909,745,000	175,584,710,000
UTAH	11,032,419,000	21,090,540,000	15,686,830,000	30,084,032,000
VERMONT	3,570,309,000	7,550,441,000	4,703,955,000	9,956,821,000
VIRGINIA	64,757,391,000	130,656,927,000	86,495,602,000	174,490,092,000
WASHINGTON	11,699,656,000	24,227,335,000	17,342,718,000	35,947,574,000
WEST VIRGINIA	38,147,677,000	78,054,046,000	43,271,415,000	88,545,641,000
WISCONSIN	30,988,222,000	62,542,370,000	40,366,541,000	81,631,292,000
WYOMING	416,862,000	884,679,000	563,889,000	1,196,897,000

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