

Table 1. Global all-age deaths, DALYs, and age-standardized rates attributable to ambient PM2.5 in 2015 with 95% uncertainty intervals. DALYs=disability-adjusted life-years. COPD=Chronic obstructive respiratory disease. LRI=Lower respiratory infection.

	Deaths (in thousands)	Age-standardized death rate (per 100,000)	DALYs (in thousands)	Age-standardized DALY rate (per 100,000)
All causes	4,241.1 (3,698.0 to 4,776.7)	66.0 (57.2 to 74.8)	103,066.2 (90,829.6 to 115,072.6)	1,490.9 (1,312.4 to 1,665.6)
LRI	675.0 (491.9 to 889.0)	10.1 (7.4 to 13.4)	28,359.9 (21,141.8 to 35,796.9)	390.9 (290.9 to 494.3)
Lung cancer	283.3 (178.4 to 398.7)	4.4 (2.7 to 6.1)	6,209.1 (3,934.9 to 8,689.3)	90.9 (57.5 to 127.3)
Ischemic heart disease	1,521.1 (1,231.7 to 1,821.2)	23.6 (18.9 to 28.5)	32,406.0 (27,078.2 to 37,427.4)	470.7 (394.6 to 543.0)
Cerebrovascular disease	898.1 (717.6 to 1,083.6)	14.0 (11.0 to 17.1)	19,242.8 (16,095.9 to 22,679.7)	281.2 (234.4 to 331.4)
COPD	863.6 (538.5 to 1,212.8)	14.0 (8.7 to 19.6)	16,848.2 (10,517.4 to 23,590.0)	257.2 (160.3 to 360.6)
Males	2,455.4 (2,140.2 to 2,752.9)	83.9 (72.5 to 94.7)	62,894.7 (55,545.7 to 70,098.2)	1,888.8 (1,659.4 to 2,113.6)
Females	1,785.7 (1,546.2 to 2,049.2)	50.8 (44.0 to 58.4)	40,171.5 (35,205.5 to 45,382.8)	1,127.4 (986.6 to 1,275.4)
Children <5 yr.	202.6 (152.7 to 254.6)	30.1 (22.7 to 37.8)	17,431.1 (13,139.7 to 21,906.3)	2,585.9 (1,949.1 to 3,249.5)
Elderly >70 yr.	2,228.3 (1,842.0 to 2,653.9)	562.7 (465.1 to 670.8)	25,073.0 (20,775.2 to 29,511.1)	6,302.2 (5,226.3 to 7,419.8)

Table 2. Number of deaths and DALYs and age-standardized rates per 100,000 attributable to ambient PM 2.5 and population-weighted mean PM 2.5 in the world's 10 most populous countries in 2015 with 95% uncertainty intervals, in order of the number of deaths.

Country	Deaths (in thousands)	Risk factor rank for deaths	Death rate (per 100,000)	DALYs (in thousands)	DALY rate (per 100,000)	Population-weighted mean PM2.5 (µg/m3)
China	1,108.1 (948.7 to 1,272.8)	1	84.3 (71.5 to 96.7)	21,778.7 (18,903.5 to 24,584.2)	1,478.6 (1,275.9 to 1,675.6)	58.4 (58.1 to 58.7)
India	1,090.4 (936.6 to 1,254.8)	2	133.5 (112.8 to 154.9)	29,609.6 (25,923.3 to 33,562.7)	2,922.1 (2,527.3 to 3,327.5)	74.3 (73.9 to 74.8)
United States	88.4 (66.8 to 115.0)	6	18.5 (14.2 to 23.7)	1,485.9 (1,166.3 to 1,841.7)	337.1 (265.0 to 416.8)	8.4 (8.4 to 8.5)
Indonesia	78.6 (62.0 to 96.7)	7	49.9 (38.5 to 61.6)	2,185.0 (1,730.4 to 2,716.2)	1,081.1 (860.4 to 1,324.2)	15.4 (15.1 to 15.7)
Brazil	52.3 (41.9 to 65.1)	9	30.9 (24.2 to 39.0)	1,083.9 (884.0 to 1,322.7)	573.7 (467.3 to 702.3)	11.4 (11.2 to 11.5)
Pakistan	135.1 (114.3 to 159.2)	4	136.3 (113.7 to 163.5)	4,217.3 (3,545.1 to 4,916.3)	3,114.2 (2,651.3 to 3,657.7)	65.0 (63.8 to 66.2)
Nigeria	50.9 (35.7 to 73.2)	10	68.9 (48.5 to 101.7)	2,410.0 (1,640.4 to 3,387.0)	1,581.0 (1,107.6 to 2,237.2)	38.0 (37.5 to 38.5)
Bangladesh	122.4 (103.2 to 144.4)	5	133.2 (111.8 to 158.4)	3,408.0 (2,920.3 to 3,945.8)	2,972.0 (2,533.4 to 3,469.1)	89.4 (87.3 to 91.7)
Russia	136.9 (111.3 to 161.1)	3	62.6 (51.8 to 73.2)	2,601.6 (2,194.8 to 3,007.2)	1,255.0 (1,077.8 to 1,431.1)	16.6 (16.2 to 17.0)
Japan	60.6 (44.5 to 81.4)	8	16.8 (12.8 to 21.9)	705.8 (561.2 to 891.0)	261.7 (212.8 to 319.2)	13.3 (13.1 to 13.6)