

Supplementary Material

Effects of short-term heat exposure on cardiovascular and respiratory mortality and effect modification by air pollution across 24 countries

Masna Rai, Massimo Stafoggia, Francesca de' Donato, Matteo Scortichini, Sofia Zafeiratou, Liliana Vazquez Fernandez, Siqi Zhang, Klea Katsouyanni, Evangelia Samoli, Shilpa Rao, Eric Lavigne, Yuming Guo, Haidong Kan, Samuel Osorio, Jan Kyselý, Aleš Urban, Hans Orru, Marek Maasikmets, Jouni J.K. Jaakkola, Niilo Rytö, Mathilde Pascal, Masahiro Hashizume, Chris Fook Sheng Ng, Barrak Alahmad, Magali Hurtado Diaz, César De la Cruz Valencia, Baltazar Nunes, Joana Madureira, Noah Scovronick, Rebecca M. Garland, Ho Kim, Whanhee Lee, Aurelio Tobias, Carmen Íñiguez, Bertil Forsberg, Christofer Åström, Ana Maria Vicedo-Cabrera, Martina S. Ragettli, Yue-Liang Leon Guo, Shih-Chun Pan, Shanshan Li, Antonio Gasparri, Francesco Sera, Pierre Masselot, Joel Schwartz, Antonella Zanobetti, Michelle L. Bell, Alexandra Schneider, Susanne Breitner

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S1: Country-specific information on data collection

Canada: Daily mortality data was obtained from Statistics Canada through access to the Canadian Mortality Database. Mean daily temperature (in °C), computed as the 24-hour average based on hourly measurements, was obtained from Environment Canada. A single weather station was selected for each city using the airport monitoring station located closest to the CMA center. Hourly measures of PM₁₀, PM_{2.5}, O₃, and NO₂ were collected from monitors located in urban areas of the National Air Pollution Surveillance (NAPS) network of Environment Canada, a government institution that operates ground monitoring stations across Canada. Daily PM₁₀, PM_{2.5}, and NO₂ levels were computed as the 24-h average and O₃ as the daily maximum 8-hour running average from hourly measurements in different stations and then averaged across stations within the same CMA with no missing data, with an average of 4 stations per city.

China: Daily mortality data was obtained from the Municipal Center for Disease Control. Mean daily temperature (in °C), computed as the 24-hour average from hourly measurements, was collected from the meteorological departments of each city. Measures of PM₁₀, PM_{2.5}, O₃, and NO₂ were collected from urban monitoring stations run by China National Environmental Monitoring Center. Daily PM₁₀, PM_{2.5}, O₃, and NO₂ levels were computed as the 24-h average.

Colombia: Daily mortality data was obtained from Administrativo Nacional de Estadística (DANE). Mean daily temperature (in °C), computed as the 24-hour average based on hourly measurements, was obtained from the Instituto de Hidrología, Meteorología y Estudios Ambientales de Colombia (IDEAM). A single weather station was selected for each city. Measurements for PM₁₀, NO₂, and O₃ were available from the Environmental Secretary of Bogotá. Monitoring stations measured hourly air pollutants for each station, and 24-h averages were calculated. For each city, the average among monitoring stations was calculated.

Czech Republic: Daily mortality data was obtained from the Czech Statistical Office and the Institute of Health Information and Statistics. Mean daily temperature (in °C), computed as the average of observations in standard climatic terms (7:00, 14:00, and 21:00 local time), was collected by the Czech Hydrometeorological Institute. The average value was calculated according to the formula $(T_{07} + T_{14} + 2 \cdot T_{21})/4$. Information about daily PM₁₀ and NO₂ levels, computed as 24-hour averages and the maximum 8-hour running average for O₃, were provided by the Czech Hydrometeorological Institute. The daily values were calculated from 4 stations (2 urban + 2 suburban).

Estonia: Daily mortality data was obtained from the Estonian Causes of Death Registry. Mean daily temperature (in °C) was computed as the 24-h average of hourly measurements collected from the Estonian Environment Agency. A single weather station located nearby the urban area was selected for each city. Hourly measurements of PM₁₀, PM_{2.5}, NO₂, and O₃ were collected from urban background stations run by the Estonian Environmental Research Centre. Daily PM₁₀, PM_{2.5} and NO₂ levels were computed as 24-hour averages and O₃ as the daily maximum 8-hour running average from hourly measurements; for each pollutant, the city average among monitoring stations was calculated.

Finland: The daily number of deaths was obtained from Statistics Finland. A dataset containing weather variables was obtained from Helsinki Region Environmental Services Authority. Measures of PM₁₀, PM_{2.5}, O₃, and NO₂ were extracted, from a nationwide dataset compiled by the Finnish Meteorological Institute, for a single coordinate at Helsinki city center using GIS.

France: Daily mortality data was obtained from the French National Institute of Health and Medical Research (CepiDC). Mean daily temperature (in °C), computed as the mean of the minimum and maximum temperature, and relative humidity (%) was obtained from Météo France. Hourly measurements of PM₁₀ and O₃ were collected through the French local air quality monitoring network (Associations Agréées de Surveillance de la Qualité de l'Air AASQA). For PM₁₀, we used only urban stations, and for O₃, urban and peri-urban stations. Daily PM₁₀ levels were computed as 24-h averages and O₃ as the daily maximum 8-hour running average from hourly measurements. Measurements were obtained from multiple stations (with different numbers for each city).

Germany: Daily mortality data was obtained from the Research Data Centers of the Federation and the Federal States of Germany (Forschungsdatenzentrum der Statistischen Ämter des Bundes und der Länder). Mean daily temperature (in °C), computed as the 24-h average based on hourly measurements, was obtained from the Climate Data Centre of the German National Meteorological Service (Deutscher Wetterdienst). Where several weather stations existed within the city boundaries, stations closest to the city center were chosen, provided that measurements were available for the whole study period. Hourly measurements of PM₁₀, PM_{2.5}, O₃, and NO₂ were collected through the German Environment Agency (Umweltbundesamt) from urban background stations. Daily PM₁₀, PM_{2.5}, and NO₂ levels were computed as the 24-h average and O₃ as the daily maximum 8-hour running average from hourly measurements. Measurements were obtained from multiple stations (with different numbers for each city).

Greece: Daily mortality data was collected by Hellenic Statistical Authority. Mean daily temperature (in °C) and relative humidity (%) were computed as the 24-h average based on hourly measurements collected from the National Observatory of Athens from site "Thisio", located in the city of Athens. Hourly measurements of PM₁₀, PM_{2.5}, NO₂, and O₃ were obtained from the Ministry of Environment and Energy fixed-site monitoring network. Urban or suburban fixed monitoring background or traffic sites were selected. Daily PM₁₀, PM_{2.5}, and NO₂ levels were computed as 24-hour averages and O₃ as the daily maximum 8-hour running average from hourly measurements .

Italy: Daily mortality data was obtained from local mortality registries and the rapid mortality surveillance system. Mean daily temperature (in °C) was computed as the 24-h average based on 6-h measurements obtained from the Meteorological Service of the Italian Air Force. A single weather station was selected for each city, using the airport monitoring station located closest to the city center. Hourly measurements of PM₁₀, PM_{2.5}, O₃, and NO₂ were obtained from the same period. Daily PM₁₀, PM_{2.5}, and NO₂ levels were computed as 24-hour averages and O₃ as the daily maximum 8-hour running average from hourly measurements.

Japan: Daily mortality data was obtained from computerized death certificate data from the Ministry of Health, Labour and Welfare, Japan. Mean daily temperature (in °C), computed as the 24-h average based on hourly measurements, was obtained from the Japan

Meteorological Agency. A single weather station located within the urban area of the city was selected. Hourly measurements of PM₁₀, PM_{2.5}, O₃, and NO₂ were collected from the urban monitors within the capital cities maintained by the Ministry of the Environment of Japan. Daily PM₁₀, PM_{2.5}, and NO₂ levels were computed as 24-hour averages and O₃ as the daily maximum 8-hour running average from hourly measurements.

Kuwait: Hourly measurements of PM₁₀ and O₃ were obtained from measurement stations of the Environmental Public Authority, Kuwait (KEPA). Daily PM₁₀ levels were computed as the 24-hour mean and the daily maximum 8-hour running average for O₃ from hourly measurements.

Mexico: Daily mortality data was obtained from the National Institute of Statistics, Geography and Informatics. Mean daily temperature (in °C) were computed as the 24-hour average based on hourly measurements collected through the Servicio Meteorológico Nacional (SMN) and the Instituto Nacional de Ecología y Cambio Climático (INECC). Hourly measurements of PM₁₀, PM_{2.5}, and O₃ were obtained from urban monitors of the local monitoring network. Daily PM₁₀, PM_{2.5}, and NO₂ levels were computed as 24-hour averages and O₃ as the daily maximum 8-hour running average from hourly measurements.

Norway: Aggregated daily mortality data was obtained from the Cause of Death Registry of Norway. Daily mean air temperatures on a 1 km grid across Norway were obtained from the observationally gridded senorge 2 dataset of the Norwegian Meteorological Institute (MET Norway). The dataset is continuously updated based on measurement data from stations. Daily values for Norway of PM₁₀, PM_{2.5}, O₃, and NO₂ at a 1 km resolution were sourced from the Nordic DEHM-UBM (Danish Eulerian Hemispheric Model- Urban Background Model) setup (insert reference). Daily PM₁₀, PM_{2.5}, and NO₂ levels were computed as 24-hour averages and O₃ as the daily maximum 8-hour running average from hourly measurements.

Portugal: Daily mortality was obtained from Statistics Portugal. Mean daily temperature (in °C) was computed as the 24-h average based on hourly measurements collected from the National Oceanic and Atmospheric Administration (NOAA). Hourly measurements of pollutants were gathered from the “online database of air quality” through the Portuguese Environment Agency from urban monitors. Daily PM₁₀, PM_{2.5}, and NO₂ levels were computed as 24-hour averages and O₃ as the daily maximum 8-hour running average from hourly measurements. The year 2016 was removed from the analysis due to anomalies in the mortality data.

South Africa: Daily mortality data was obtained from Statistics South Africa. Mean daily temperature (in °C) was computed as the average between daily minimum and maximum temperature collected from the Agricultural Research Council of South Africa and the National Oceanic and Atmospheric Administration (NOAA). Hourly measurements of PM₁₀, PM_{2.5}, NO₂, and O₃ were collected at sites managed by the Department of Environmental Affairs (DEA). Daily PM₁₀ levels were computed as the 24-hour mean, and O₃ as the daily maximum 8-hour running average from the respective provided hourly measurements. The average 24-hour mean or daily maximum 8-hour running average values per district municipality (DM) were then calculated from all sites within each DM. Except for the ESKOM run stations, all air quality data were accessed through SAAQIS (<http://www.saaqis.org.za/>), which is run and hosted by the South African Weather Service.

South Korea: Daily mortality was obtained from the Korea National Statistics Office. Mean daily temperature (in °C) was computed as the 24-h average based on hourly measurements. Measures of PM₁₀, PM_{2.5}, O₃, and NO₂ were available from monitors of the National Institute of Environmental Research. Daily PM₁₀, PM_{2.5}, and NO₂ levels were computed as 24-hour averages and O₃ as the daily maximum 8-hour running average from hourly measurements.

Spain: Daily mortality was obtained from the Spain National Institute of Statistics. Mean daily temperature (in °C), computed as the 24-h average based on hourly measurements, was obtained from weather stations of the Spain National Meteorology Agency. A single weather station, located within the urban area or at the near airport, was selected for each city. Hourly measurements of PM₁₀, PM_{2.5}, O₃, and NO₂ were collected from the free national repository (Magrama) from urban and suburban monitors. Daily PM₁₀, PM_{2.5}, and NO₂ levels were computed as 24-hour averages and O₃ as the daily maximum 8-hour running average from hourly measurements.

Sweden: Daily mortality data was obtained from the Swedish Cause of Death Register at the Swedish National Board of Health and Welfare. Mean daily temperature (in °C), computed as the 24-hour average based on hourly measurements, was obtained from the Environment and Health Administration. A single weather station, located at Torkel Knutssongatan in Central Stockholm, was selected. Hourly measurements of PM₁₀, PM_{2.5}, and NO₂ were collected from the main urban background (roof-top level) monitor run by the local monitoring network. Daily PM₁₀, PM_{2.5}, and NO₂ levels were computed as 24-hour averages and O₃ as the daily maximum 8-hour running average from hourly measurements.

Switzerland: Daily mortality data was provided by the Federal Office of Statistics (Switzerland). Mean daily temperature (in °C), computed as the 24-h average based on hourly measurements, was obtained from the IDAWEB database (a service provided by MeteoSwiss, the Swiss Federal Office of Meteorology and Climatology). A single weather station located within or near the urban area was selected for each city. Hourly measurements of PM₁₀, PM_{2.5}, O₃, and NO₂ were provided by the Immissionsdatenbank Luft (IDB, Federal Office of the Environment, Bern, Switzerland). Daily PM₁₀, PM_{2.5}, and NO₂ levels were computed as 24-hour averages and O₃ as the daily maximum 8-hour running average from hourly measurements from urban monitoring stations.

Taiwan: Daily mortality data was obtained from the Department of Health in Taiwan. Mean daily temperature (in °C) was computed as the 24-h average based on hourly measurements. Hourly measurements of PM₁₀, PM_{2.5}, O₃, and NO₂ were obtained from urban monitors of the local monitoring network. Daily PM₁₀, PM_{2.5}, and NO₂ levels were computed as 24-hour averages and O₃ as the daily maximum 8-hour running average from hourly measurements. Measurements were obtained from multiple stations (with different numbers for each city).

Thailand: Daily mortality data was obtained from the Ministry of Public Health, Thailand. Mean daily temperature (in °C), computed as the average between the daily minimum and maximum temperature, was obtained from the Meteorological Department, Ministry of Information and Communication Technology, Thailand. Daily data on PM₁₀, PM_{2.5}, O₃, and NO₂ were obtained from the Pollution Control Department, Ministry of Natural Resources and Environment. For each city and air pollutant, daily concentrations were averaged by fixed air quality monitoring stations within the city. If monitored data for a particular pollutant were

insufficient to calculate a daily average, all measurements from that day were excluded for that pollutant and monitor.

UK: Daily mortality data was gathered from the Office for National Statistics. Mean daily temperature (in °C) was obtained from the British Atmospheric Data Centre. Daily PM₁₀, PM_{2.5}, O₃, and NO₂ levels were obtained from the Automatic Urban and Rural Network (AURN) repository, the Welsh Air Quality Network (WAQN) archive and the King's College London (KCL) dataset. The urban and sub-urban monitoring stations within the selected boundaries were considered. Those classified as “Roadside/Trac”, “Industrial”, “Portable/ Mobile”, and “Indoor” were excluded due to the unrepresentative nature of the average exposure.

USA: Daily mortality data was obtained from the National Center for Health Statistics (NCHS). Mean daily temperature (in °C), computed as the 24-h average based on hourly measurements, was obtained from the National Climatic Data Center (NCDC) of the National Oceanic and Atmospheric Administration (NOAA). Hourly measurements of PM₁₀, PM_{2.5}, O₃, and NO₂ were gathered from the US Environmental Protection Agency (EPA) Air Quality System (AQS), from urban and sub-urban monitoring stations. Daily PM₁₀, PM_{2.5}, and NO₂ levels were computed as 24-hour averages and O₃ as the daily maximum 8-hour running average, from urban monitoring stations from monitors located in the county or set of contiguous counties in which the city is located.

S2: Statistical Model

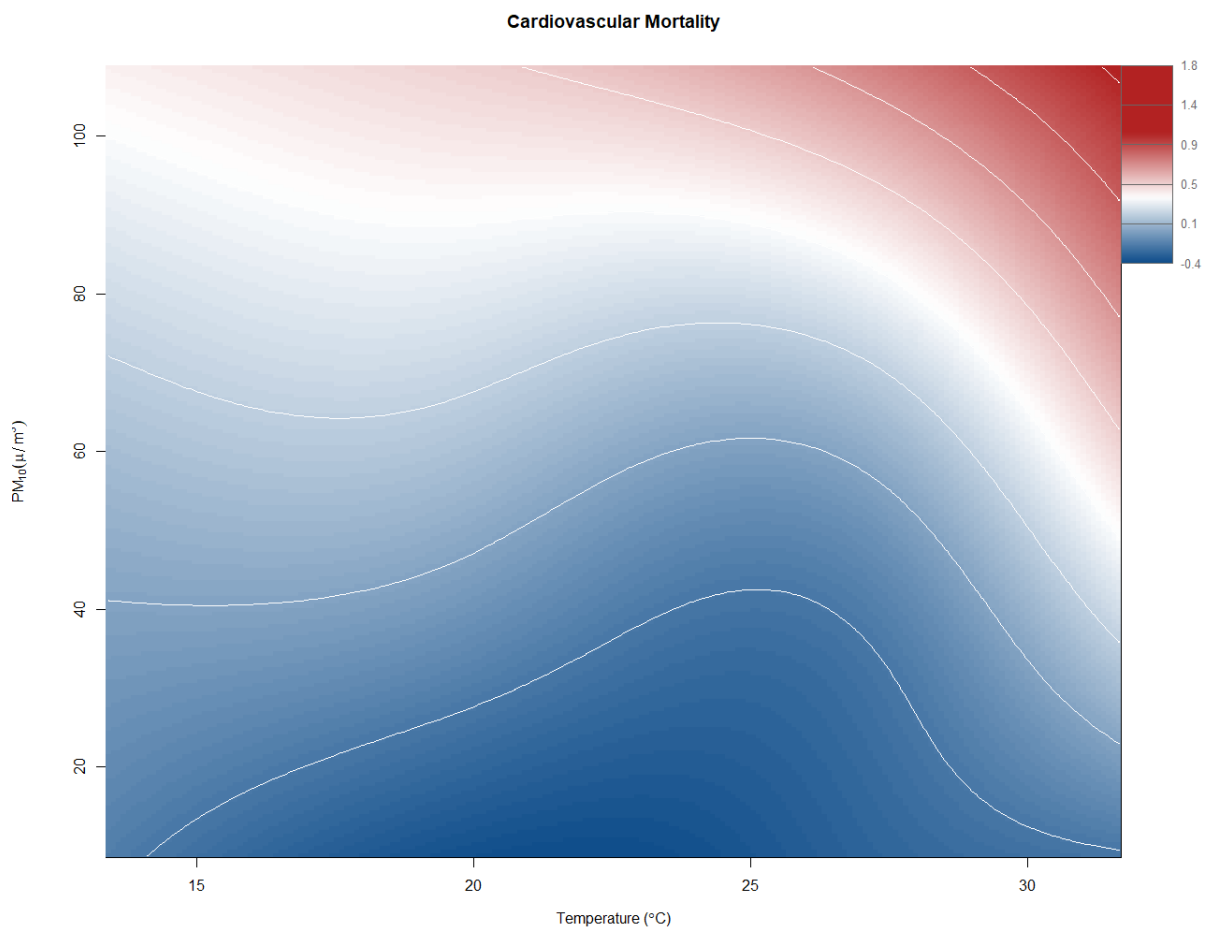
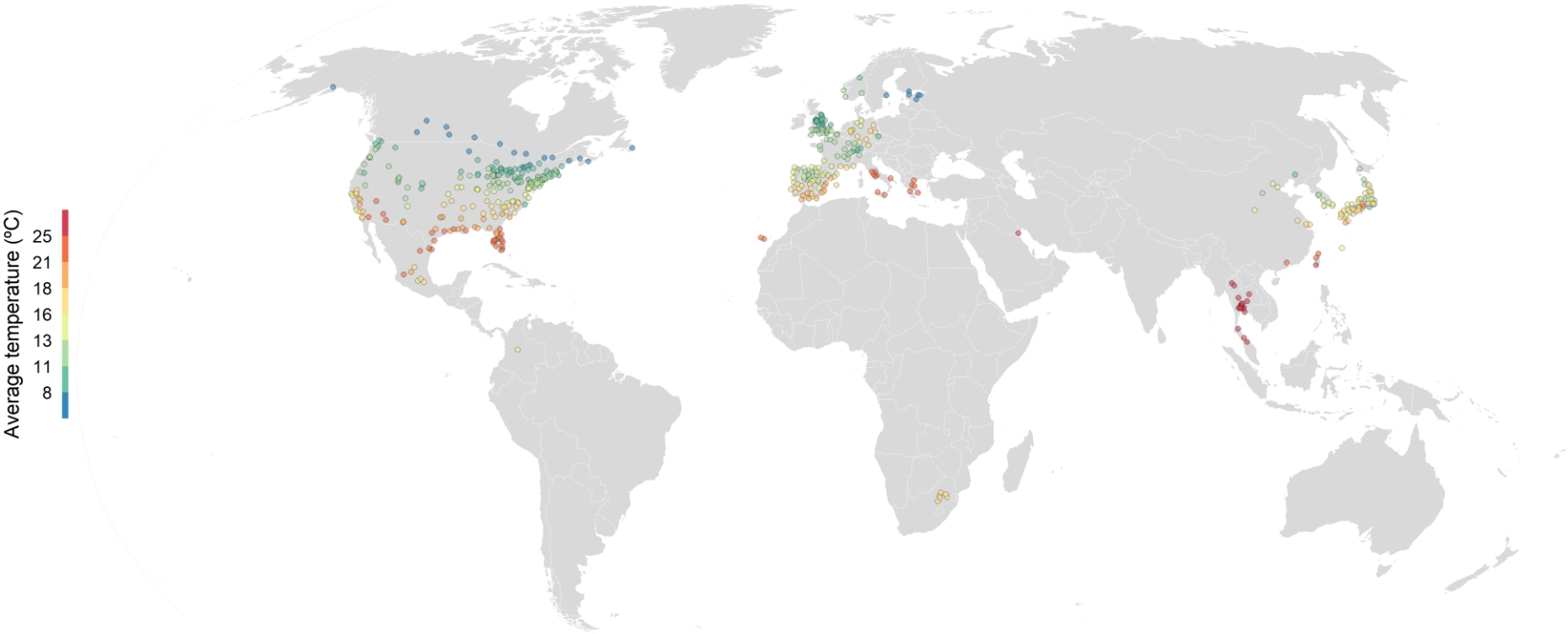


Fig S2: Contour plot of the tridimensional response-surface model to estimate the heat effect modification by PM₁₀ levels for an example city (Tokyo, Japan) included in the analysis

S3: Location-specific daily average summer temperatures across the study periods.



S4: Descriptive statistics of the exposure variables

[Air temperature distribution, percentiles of air pollutants used to define days with low, medium, and high pollution values, and number of locations from each country included in the pollutant-specific analysis

PM₁₀: particulate matter with a diameter of 10 µm or less, PM_{2.5}: particulate matter with a diameter of 2.5 µm or less, O₃: ozone, NO₂: nitrogen dioxide.]

Country	No. of Locations	Temperature (°C)				PM ₁₀ (µg/m ³)			PM _{2.5} (µg/m ³)			O ₃ (µg/m ³)			NO ₂ (µg/m ³)		
		Mean	SD	75 th	99 th	5 th	50 th	95 th	5 th	50 th	95 th	5 th	50 th	95 th	5 th	50 th	95 th
Canada	24	7.0	10.5	15.3	24.3	6.2	16.3	41.2	2.1	6.7	19.8	39.2	75.52	117.6	6.9	19.8	45.5
China	9	13.7	10.0	24.1	30.2	35.0	93.8	212.6	17.1	45.8	131.0	19.4	80.3	177.1	24.4	43.8	84.7
Colombia	1	13.8	0.9	14.5	16.0	34.1	61.3	97.6	-	-	-	10.6	23.0	43.1	14.1	30.9	50.1
Czech Republic	1	9.1	8.1	15.5	25.0	11.9	26.9	67.0	-	-	-	21.4	69.2	130.2	15.6	30.0	51.4
Estonia	4	6.1	9.1	13.7	23.1	4.8	13.7	37.5	1.0	5.9	18.2	21.2	50.7	79.7	3.9	10.9	27.1
Finland	1	6.5	9.0	14.1	23.1	4.7	14.6	52.8	3.8	12.4	44.5	23.7	51.3	78.4	2.4	6.6	21.1
France	18	12.7	6.5	17.9	25.3	9.8	20.7	47.9	5.2	13.1	37.6	23.0	69.3	115.3	9.5	23.5	49.1
Germany	14	10.3	7.1	15.9	25.0	9.3	23.3	58.8	4.8	11.8	35.8	8.3	57.3	119.2	13.2	29.9	53.6
Greece	5	23.9	5.2	27.7	32.0	15.0	28.0	53.0	9.0	19.0	36.0	55.5	87.5	115.8	15.1	28.8	54.0
Italy	8	22.2	4.4	25.3	30.3	14.9	24.5	40.2	8.5	14.3	23.8	55.7	74.3	87.0	13.9	16.9	20.8
Japan	47	16.2	8.6	22.8	30.2	7.4	16.8	39.5	4.4	12.5	29.9	38.9	78.5	131.7	6.7	15.6	34.5
Kuwait	1	27.1	9.8	36.5	42.1	60.7	128.3	539.5	-	-	-	45.6	87.9	145.0	-	-	-
Mexico	8	18.6	3.0	21.0	26.5	23.0	52.4	105.3	10.6	24.9	49.5	49.0	88.2	141.1	-	-	-
Norway	4	11.5	4.3	14.3	20.9	4.6	11.6	23.9	2.0	5.2	13.3	46.1	65.5	89.6	4.5	16.6	36.5
Portugal	5	15.9	5.0	20.7	28.9	8.3	18.2	47.4	3.9	9.5	21.5	20.0	53.1	86.3	5.0	14.7	32.7
South Africa	6	16.4	4.9	20.2	23.8	22.8	51.4	124.4	11.1	28.6	64.2	32.3	68.6	107.7	-	-	-
South Korea	7	14.2	9.5	22.2	28.8	22.2	47.5	98.5	-	-	-	20.4	61.5	118.8	20.3	40.4	71.5
Spain	48	15.2	6.8	21.3	27.8	11.8	24.6	45.6	4.5	10.5	22.6	30.8	69.8	102.5	12.8	26.7	45.2
Sweden	1	7.4	8.2	14.3	22.7	5.9	12.5	32.8	3.1	6.6	19.4	33.1	63.9	99.2	13.6	30.2	50.8
Switzerland	8	10.5	7.5	16.6	24.9	6.8	19.6	49.9	5.1	15.8	41.0	15.2	73.1	132.5	14.0	32.1	59.9
Taiwan	3	23.5	4.9	27.9	30.8	25.4	53.2	110.8	13.0	30.4	65.2	54.9	101.9	175.4	18.7	38.7	69.5
Thailand	19	27.9	2.3	29.3	32.3	19.7	40.1	95.7	-	-	-	14.4	31.2	68.9	9.0	20.8	44.3
UK	39	10.5	5.2	14.8	20.9	8.6	17.6	40.5	4.0	9.5	30.5	11.3	43.7	73.9	9.2	23.7	49.3
USA	210	12.5	9.4	20.9	28.6	8.8	20.7	43.0	4.1	10.7	27.0	39.9	84.3	139.4	10.8	26.2	51.0

S5: Country-specific heat effects.

Estimates are represented as the percent change (% change) in cause-specific mortality with the corresponding 95% confidence interval (LCI, UCI) per an increase in the 2-day mean temperature from the 75th to the 99th percentile of the location-specific temperature distribution. Country-specific and overall estimates obtained by multivariate and multilevel meta-analysis of the location-specific estimates.

[CVD= cardiovascular disease; RD= respiratory disease; % change = percent change in heat-related mortality when the summer temperature rises from the 75th to the 99th percentile of the location-specific temperature distribution; LCI= 95% lower confidence interval; UCI= 95% upper confidence interval]

Country	Heat effect: CVD Mortality			Heat effect: RD Mortality		
	% change	LCI	UCI	% change	LCI	UCI
Canada	1.68	1.68	1.69	6.20	6.15	6.24
China	18.37	17.24	19.52	16.19	15.18	17.20
Colombia	1.34	-1.85	4.54	11.80	2.85	20.76
Czech Republic	16.08	10.18	21.97	37.12	18.91	55.33
Estonia	12.85	11.67	14.05	-6.25	-7.87	-4.60
Finland	14.18	5.22	23.15	18.96	-3.57	41.49
France	6.13	6.09	6.17	19.02	18.88	19.15
Germany	24.08	23.97	24.19	32.27	32.08	32.45
Greece	16.84	16.29	17.40	18.69	18.48	18.89
Italy	9.05	8.97	9.14	24.33	22.12	26.58
Japan	7.45	7.42	7.47	4.10	4.08	4.11
Kuwait	13.25	3.20	23.30	26.38	5.92	46.83
Mexico	8.57	8.54	8.60	5.77	5.75	5.78
Norway	12.83	12.56	13.10	4.01	3.88	4.14
Portugal	32.91	32.80	33.03	33.98	33.79	34.17
South Africa	5.98	5.95	6.02	8.97	8.85	9.09
South Korea	5.53	5.51	5.54	10.02	9.96	10.09
Spain	11.29	11.26	11.32	20.25	20.20	20.30
Sweden	6.89	6.83	6.95	36.48	34.93	38.06
Switzerland	5.08	5.03	5.13	31.31	30.81	31.81
Taiwan	6.85	6.74	6.95	3.99	3.92	4.06
Thailand	6.06	6.04	6.09	8.21	8.18	8.25
UK	11.23	11.19	11.28	13.73	13.66	13.79
USA	1.70	1.70	1.70	2.02	2.02	2.02
Overall	6.40	6.39	6.41	8.44	8.43	8.45

S6: Country-specific modification of the heat effects by air pollution

Estimates are represented as the percent change in heat-related cause-specific mortality with the corresponding 95% confidence interval (LCI, UCI) per an increase in the 2-day mean temperature from the 75th to the 99th percentile of the location-specific temperature distribution during low, medium, and high air pollution days for PM₁₀ and PM_{2.5} (top) and O₃ and NO₂ (bottom). Low, medium, and high pollution days are represented as days with 2-day mean air pollutant concentration as 5th, 50th, and the 95th percentile of the location-specific air pollutant distribution. Country-specific and overall estimates obtained by multivariate and multilevel meta-analysis of the location-specific estimates.

[CVD= cardiovascular disease; RD= respiratory disease; %= percent change in heat-related mortality when the summer temperature rises from the 75th to the 99th percentile of the location-specific temperature distribution; LCI= 95% lower confidence interval; UCI= 95% upper confidence interval; l=low level of air pollutant; m=medium level of air pollutant; h= high level of air pollutant]

^a Significance test bases on the difference between the estimates of medium or high (m or h) to that with low levels of air pollution (l).

** = <0.05, *** = <0.005, **** = <0.0005, ***** = <<0.00005]

Country		PM ₁₀								PM _{2.5}							
		CVD				RD				CVD				RD			
		%	LCI	UCI	P-value ^a	%	LCI	UCI	P-value ^a	%	LCI	UCI	P-value ^a	%	LCI	UCI	P-value ^a
Canada	l	-2.40	-2.44	-2.36		4.32	4.22	4.42		-1.73	-1.77	-1.69		3.50	3.38	3.62	
	m	-1.73	-1.76	-1.71	*****	4.32	4.23	4.41		-1.79	-1.82	-1.76		4.61	4.49	4.73	*****
	h	0.68	0.62	0.73	*****	8.16	7.71	8.60	*****	-0.97	-1.03	-0.90		10.04	9.57	10.52	*****
China	l	15.38	13.74	17.04		14.75	13.28	16.24		8.86	8.76	8.95		13.34	12.61	14.06	
	m	19.63	18.43	20.84	*****	18.28	17.29	19.28	****	12.59	12.18	13.01	*****	14.91	14.10	15.72	***
	h	15.11	14.70	15.52		18.32	18.11	18.54	*****	9.20	8.65	9.75		10.82	9.36	12.30	
Colombia	l	2.59	-0.89	6.07		15.35	2.67	28.03		-	-	-		-	-	-	
	m	-0.94	-2.92	1.04		4.59	-4.16	13.34		-	-	-		-	-	-	
	h	-5.70	-9.35	-2.04		-8.71	-	7.95		-	-	-		-	-	-	
Czech Republic	l	1.73	-7.51	10.98		37.65	6.37	68.93		-	-	-		-	-	-	
	m	3.83	-2.19	9.85		36.13	13.46	58.80		-	-	-		-	-	-	
	h	12.47	2.69	22.25		32.83	5.71	59.96		-	-	-		-	-	-	
Estonia	l	-4.22	-4.51	-3.94		-2.49	-5.70	0.82		-9.55	-	-9.04		3.50	3.38	3.62	
	m	0.52	0.34	0.70	*****	-	-	-2.13		-5.41	-5.81	-5.01	*****	4.61	4.49	4.73	
	h	11.34	10.33	12.35	*****	-8.53	-	-6.18		6.27	5.09	7.45	*****	10.04	9.57	10.52	
Finland	l	13.57	2.92	24.21		11.56	-	34.58		13.57	3.86	24.18		11.56	-7.47	34.51	
	m	12.66	4.09	21.23		12.07	-7.66	31.80		12.66	4.73	21.20		12.07	-4.68	31.76	
	h	9.89	-3.81	23.59		13.73	-	40.17		9.89	-2.33	23.65		13.73	-7.75	40.21	
France	l	0.93	0.88	0.98		17.79	17.56	18.03		13.57	2.95	24.18		16.82	16.49	17.16	
	m	1.31	1.29	1.33	*****	16.30	16.19	16.40		12.66	4.13	21.20	*****	15.71	15.53	15.89	
	h	3.16	3.11	3.20	*****	21.89	21.39	22.39		9.89	-3.86	23.65	*****	17.34	16.77	17.92	
Germany	l	1.31	1.19	1.44		20.59	20.11	21.07		-0.07	-0.11	-0.04		16.49	16.02	16.97	
	m	6.73	6.61	6.85	*****	27.41	27.05	27.78	*****	1.04	1.02	1.06	*****	20.03	19.73	20.34	*****

Country		PM ₁₀							PM _{2.5}								
		CVD				RD			CVD				RD				
		%	LCI	UCI	P-value ^a	%	LCI	UCI	P-value ^a	%	LCI	UCI	P-value ^a	%	LCI	UCI	P-value ^a
Greece	h	20.16	20.01	20.30	*****	37.10	36.74	37.46	*****	4.63	4.50	4.75	*****	25.63	25.29	25.97	*****
	l	10.49	9.84	11.15		19.01	17.26	20.78		4.90	4.75	5.04		28.51	27.43	29.6	
	m	11.23	10.71	11.75		21.66	18.84	24.53		9.32	9.21	9.44	*****	38.13	37.56	38.7	*****
Italy	h	13.97	13.39	14.55	*****	30.46	28.91	32.02		19.61	19.44	19.79	*****	27.74	26.91	28.58	
	l	3.86	3.78	3.94		19.76	19.42	20.11	*****	18.69	18.14	19.25		14.75	14.38	15.13	
	m	6.74	6.63	6.84	*****	19.88	19.59	20.17		20.29	20.00	20.58	*****	16.2	15.79	16.61	*****
Japan	h	10.08	9.91	10.26	*****	26.61	22.72	30.61	****	24.03	23.85	24.20	*****	32.76	29.4	36.22	*****
	l	3.54	3.51	3.57		2.58	2.55	2.60		2.34	2.27	2.40		3.37	3.35	3.4	
	m	4.71	4.69	4.73	*****	2.85	2.82	2.87	*****	5.88	5.82	5.94	*****	3.48	3.45	3.51	*****
Kuwait	h	6.89	6.88	6.91	*****	3.31	3.27	3.34	*****	11.03	10.96	11.10	*****	4.24	4.2	4.28	*****
	l	-0.83	-6.42	4.76		-7.49	-	8.97		-	-	-		-	-	-	
	m	-0.74	-5.78	4.30		-6.71	-	8.13		-	-	-		-	-	-	
Mexico	h	1.88	-6.40	10.16		-3.34	-	22.93		-	-	-		-	-	-	
	l	7.30	7.04	7.57		2.55	2.43	2.67		11.51	7.41	15.77		2.49	2.27	2.72	
	m	8.65	8.59	8.72	*****	8.19	8.14	8.23	*****	10.29	10.05	10.52	*****	5.41	5.29	5.53	*****
Norway	h	13.36	13.29	13.43	*****	9.33	9.23	9.43	*****	10.66	10.56	10.76	*****	9.11	8.93	9.29	*****
	l	-	-	-		7.96	7.48	8.45		11.97	11.89	12.06		7.80	7.26	8.34	
	m	-8.14	-8.24	-8.03	*****	10.89	10.57	11.22	*****	-18.44	-	18.30	*****	8.70	8.33	9.08	***
Portugal	h	-1.02	-1.12	-0.91	*****	13.42	12.92	13.93	*****	-13.70	-	-	*****	11.62	11.05	12.19	*****
	l	12.32	10.27	14.40		21.37	21.03	21.70		1.09	0.79	1.40		13.28	11.89	14.68	
	m	18.03	17.08	18.99	***	26.16	25.89	26.43	*****	7.50	7.32	7.69	*****	29.42	28.66	30.19	*****
South Africa	h	28.96	28.49	29.42	*****	40.40	40.13	40.67	*****	31.48	30.59	32.39	*****	65.13	63.43	66.86	*****
	l	0.24	0.14	0.33		0.65	0.59	0.72		13.48	12.94	14.02		1.30	1.23	1.37	
	m	2.80	2.73	2.87	*****	4.75	4.54	4.95	*****	-0.20	-0.28	-0.13	*****	1.97	1.93	2.01	*****
South Korea	h	4.41	4.28	4.54	*****	-2.00	-2.10	-1.89						2.13	1.99	2.27	*****
	l	6.10	6.08	6.12		14.08	13.99	14.17		-	-	-		-	-	-	
	m	5.64	5.62	5.65		13.52	13.46	13.59		-	-	-		-	-	-	
Spain	h	5.78	5.75	5.82		12.09	11.88	12.31		-	-	-		-	-	-	
	l	7.20	7.09	7.30		10.30	10.20	10.40		0.77	0.63	0.91		14.21	13.23	15.19	
	m	7.65	7.57	7.73	*****	13.96	13.91	14.01	*****	2.95	2.89	3.01	*****	19.07	18.21	19.94	
Sweden	h	11.37	11.30	11.44	*****	21.22	20.92	21.51	*****	6.34	6.26	6.42	*****	14.41	14.22	14.61	*****
	l	3.58	3.48	3.69		53.77	50.05	57.59		3.18	3.07	3.29		51.22	47.27	55.28	
	m	4.65	4.56	4.74	*****	46.99	44.59	49.44		4.60	4.50	4.70	*****	44.45	41.91	47.03	
Switzerland	h	7.71	7.54	7.88	*****	29.48	26.91	32.09		8.65	8.47	8.84		27.18	24.47	29.95	*****
	l	-8.69	-8.77	-8.61		3.96	3.07	4.86		-5.23	-5.40	-5.05		27.06	22.51	31.79	
	m	-5.68	-5.73	-5.64	*****	13.43	12.77	14.10	*****	-2.59	-2.73	-2.45	*****	26.85	24.58	29.17	
Taiwan	h	1.13	1.05	1.22	*****	40.44	38.19	42.72	*****	2.52	2.34	2.71	****	37.87	34.38	41.46	****
	l	3.06	2.88	3.24		4.15	4.02	4.27		7.38	7.26	7.51		1.87	1.81	1.92	
	m	11.12	10.88	11.36	*****	3.73	3.65	3.81		11.67	11.41	11.93	*****	2.15	2.12	2.19	*****
Thailand	h	-0.86	-1.14	-0.58		4.19	3.85	4.53		2.38	2.05	2.72		1.32	1.18	1.45	
	l	4.51	4.46	4.56		7.83	7.77	7.90		-	-	-		-	-	-	
	m	7.61	7.58	7.65	*****	7.71	7.69	7.73		-	-	-		-	-	-	
	h	8.54	8.45	8.64	*****	5.43	5.37	5.49		-	-	-		-	-	-	

Country		PM ₁₀								PM _{2.5}							
		CVD				RD				CVD				RD			
		%	LCI	UCI	p-value ^a	%	LCI	UCI	p-value ^a	%	LCI	UCI	p-value ^a	%	LCI	UCI	p-value ^a
UK	l	-7.42	-7.44	-7.40		3.82	3.77	3.87		-0.75	-0.80	-0.71		1.63	1.54	1.71	
	m	-5.93	-5.95	-5.91	*****	5.16	5.13	5.18	*****	0.33	0.28	0.38		4.10	4.04	4.16	*****
	h	3.12	3.09	3.15	*****	10.93	10.89	10.98	*****	2.79	2.75	2.84	*****	9.13	9.06	9.21	*****
USA	l	0.76	0.76	0.76		2.29	2.28	2.30		1.03	1.02	1.03	*****	2.18	2.16	2.19	
	m	0.83	0.83	0.84	*****	2.01	2.00	2.01		1.49	1.48	1.49	*****	1.56	1.55	1.57	*****
	h	1.03	1.03	1.04	*****	2.31	2.29	2.32	*****	1.30	1.29	1.31	*****	1.17	1.15	1.18	*****

Country		O ₃								NO ₂							
		CVD				RD				CVD				RD			
		%	LCI	UCI	p-value ^a	%	LCI	UCI	p-value ^a	%	LCI	UCI	p-value ^a	%	LCI	UCI	p-value ^a
Canada	l	-1.29	-1.30	-1.28		5.62	5.57	5.67		-1.78	-1.80	-1.77		5.08	5.04	5.12	
	m	0.04	0.02	0.05	*****	5.85	5.82	5.89	*****	-0.81	-0.82	-0.80	*****	6.66	6.61	6.70	*****
	h	1.53	1.50	1.55	*****	5.60	5.36	5.83		2.21	2.19	2.22	*****	7.72	7.58	7.85	*****
China	l	8.47	7.70	9.24		7.94	7.53	8.36		18.78	18.31	19.25		18.77	18.38	19.16	
	m	12.43	11.94	12.93	*****	7.52	5.81	9.25		19.22	18.16	20.28		19.19	18.39	20.00	
	h	11.32	10.32	12.32	*****	9.21	8.85	9.57	*****	13.16	12.40	13.92		16.96	16.03	17.90	
Colombia	l	2.64	-2.66	7.94		7.72	2.42	13.02		-2.40	-7.94	3.15		9.87	-4.86	24.60	
	m	2.86	-0.89	6.60		5.20	2.10	8.30		2.54	-1.15	6.23		11.10	1.21	21.00	
	h	1.79	-5.60	9.17		0.63	-6.06	7.33		4.74	-2.35	11.84		1.45	-	16.54	19.43
Czech Republic	l	1.02	-8.89	10.93		-5.26	-	6.00		16.13	4.28	27.98		28.42	-1.37	58.22	
	m	7.08	0.03	14.13		3.81	-6.80	14.42		11.83	5.18	18.49		32.30	12.56	52.04	
	h	15.18	7.52	22.83	*****	16.19	0.31	32.08		8.95	0.33	17.58		30.61	4.78	56.44	
Estonia	l	-3.04	-4.05	-2.02		12.65	8.08	17.41		11.83	10.52	13.16		-5.59	-7.67	-3.46	
	m	6.97	5.61	8.35	*****	12.18	10.31	14.08		14.93	13.53	16.34	***	-1.21	-2.31	-0.09	****
	h	13.66	13.00	14.33	*****	-2.74	-5.65	0.26		18.31	17.00	19.62	*****	21.39	19.24	23.59	*****
Finland	l	5.27	-8.18	18.71		-5.89	-	23.97		13.30	2.69	23.92		11.67	-	35.60	
	m	11.63	3.21	20.04		10.75	-	31.51		12.30	4.03	20.58		13.10	-6.76	32.96	
	h	19.18	4.85	33.50		32.66	-6.52	71.84		9.51	-5.31	24.34		17.09	-	47.81	
France	l	-	-	-9.68		9.31	8.89	9.72		6.01	5.92	6.11		18.83	18.59	19.08	
	m	-0.15	-0.30	0.00	*****	17.46	17.27	17.64	*****	7.52	7.44	7.61	*****	20.01	19.87	20.15	
	h	14.20	14.09	14.31	*****	40.07	39.66	40.48	*****	7.10	6.99	7.21	*****	17.75	17.42	18.08	*****
Germany	l	-2.72	-2.76	-2.69		3.48	3.22	3.74		18.45	18.27	18.63		25.76	25.29	26.23	*****
	m	3.11	3.08	3.13	*****	12.78	12.64	12.93	*****	19.21	19.13	19.29	*****	31.45	31.12	31.77	*****
	h	14.53	14.37	14.68	*****	34.26	33.94	34.59	*****	20.39	20.33	20.46	*****	32.39	31.89	32.90	*****
Greece	l	14.64	13.79	15.50		10.59	9.38	11.82		18.52	15.98	21.11		29.60	29.04	30.15	
	m	18.53	17.85	19.21	*****	12.56	12.14	12.99	***	15.22	14.97	15.46		33.29	33.03	33.56	*****
	h	17.05	16.39	17.72	*****	17.34	16.94	17.74	*****	18.09	16.56	19.65		35.54	35.01	36.07	
Italy	l	5.21	5.03	5.38		3.01	2.71	3.31		4.65	4.39	4.91		31.50	26.64	36.54	
	m	7.95	7.82	8.08	*****	10.26	10.12	10.40	*****	8.71	8.54	8.88	*****	32.54	26.99	38.33	***
	h	11.28	11.10	11.45	*****	37.12	32.98	41.39	*****	12.53	12.34	12.71	*****	15.29	14.59	15.99	*****

Country		O ₃								NO ₂							
		CVD				RD				CVD				RD			
		%	LCI	UCI	P-value ^a	%	LCI	UCI	P-value ^a	%	LCI	UCI	P-value ^a	%	LCI	UCI	P-value ^a
Japan	l	3.68	3.67	3.70		2.39	2.37	2.42		5.84	5.81	5.87		4.35	4.32	4.37	
	m	5.70	5.69	5.72	*****	3.54	3.52	3.56	*****	7.29	7.26	7.32	*****	2.97	2.96	2.98	
	h	7.60	7.58	7.63	*****	3.48	3.46	3.50	*****	5.65	5.60	5.70		1.87	1.85	1.89	
Kuwait	l	-0.67	-7.12	5.79		-	-	-3.84		-	-	-		-	-	-	
	m	-0.21	-5.25	4.82		-7.09	-	3.18		-	-	-		-	-	-	
	h	0.32	-6.55	7.18		4.16	-	19.11	**	-	-	-		-	-	-	
Mexico	l	1.47	1.39	1.55		8.60	8.12	9.09		-	-	-		-	-	-	
	m	6.92	6.82	7.03	*****	9.09	8.99	9.18		-	-	-		-	-	-	
	h	7.87	7.74	8.00	*****	9.26	9.17	9.35	***	-	-	-		-	-	-	
Norway	l	-0.92	-1.29	-0.54		-0.92	-1.29	-0.54		-5.53	-5.69	-5.37		11.36	10.75	11.96	
	m	-0.87	-1.00	-0.74		-0.87	-1.00	-0.74		-4.54	-4.63	-4.46	*****	12.79	12.43	13.14	*****
	h	-3.82	-4.01	-3.62		-3.82	-4.01	-3.62		-2.41	-2.55	-2.28	*****	14.26	13.74	14.78	*****
Portugal	l	7.98	7.20	8.77		30.63	29.83	31.43		15.48	14.53	16.43		24.59	23.31	25.88	
	m	19.42	19.08	19.77	*****	30.99	30.65	31.33	*****	8.81	8.48	9.13	*****	30.35	29.81	30.90	*****
	h	29.98	29.87	30.09	****	38.21	37.78	38.65	*****	25.65	24.86	26.45	*****	38.31	37.74	38.88	*****
South Africa	l	0.81	0.64	0.98		-2.90	-2.99	-2.81		-	-	-		-	-	-	
	m	1.61	1.52	1.69	*****	1.80	1.74	1.86	*****	-	-	-		-	-	-	
	h	2.52	2.33	2.71	*****	1.45	0.70	2.21	*****	-	-	-		-	-	-	
South Korea	l	5.59	5.56	5.63		13.27	13.04	13.49		5.36	5.33	5.38		11.33	11.22	11.43	
	m	4.54	4.52	4.56		5.75	5.66	5.85		5.01	4.99	5.02		9.02	8.94	9.10	
	h	5.71	5.67	5.76	*****	-3.67	-3.79	-3.56		5.04	4.97	5.11		4.73	4.48	4.97	
Spain	l	4.21	4.17	4.26		6.23	6.17	6.30		8.16	8.13	8.19		16.58	16.52	16.65	
	m	6.28	6.27	6.30	*****	12.56	12.49	12.62	*****	8.77	8.74	8.80	*****	18.01	17.95	18.07	*****
	h	7.81	7.78	7.84	*****	15.86	15.75	15.96	*****	10.60	10.55	10.65	*****	19.01	18.87	19.14	*****
Sweden	l	2.33	2.19	2.48		29.96	24.05	36.16		1.61	1.37	1.86		31.99	28.56	35.50	
	m	2.18	2.10	2.26		36.27	33.62	38.96		5.32	5.23	5.42	*****	34.07	32.48	35.69	
	h	2.01	1.86	2.16		39.54	37.22	41.91		9.36	9.25	9.47	*****	30.96	28.00	33.98	*****
Switzerland	l	-5.84	-5.98	-5.71	*****	4.81	3.58	6.06		-1.86	-1.96	-1.76		18.60	17.56	19.65	
	m	0.00	-0.07	0.07	*****	15.11	14.49	15.74	*****	-0.26	-0.31	-0.21	*****	25.82	25.29	26.36	*****
	h	8.21	8.08	8.34		25.07	24.01	26.14	*****	4.25	4.13	4.37	*****	43.53	42.17	44.91	*****
Taiwan	l	9.32	9.16	9.47		1.99	1.94	2.04		6.77	6.70	6.85		3.05	2.95	3.16	
	m	10.06	9.97	10.15	*****	2.58	2.55	2.60	*****	3.11	3.05	3.17		0.31	0.24	0.39	
	h	10.38	10.14	10.62	*****	3.24	3.18	3.30	*****	0.99	0.79	1.19		-0.58	-0.80	-0.35	
Thailand	l	1.73	1.66	1.80		6.43	6.37	6.49		9.58	9.53	9.63		7.73	7.65	7.81	
	m	4.02	3.98	4.06	*****	7.22	7.19	7.26	*****	6.66	6.64	6.68		7.23	7.20	7.27	
	h	11.23	11.08	11.38	*****	8.14	8.08	8.21	*****	4.28	4.22	4.34		8.21	8.11	8.30	
UK	l	0.36	0.33	0.39		2.78	2.74	2.83		0.67	0.64	0.70		10.43	10.37	10.48	
	m	4.06	4.04	4.09	*****	8.43	8.40	8.46	*****	3.58	3.56	3.60	*****	11.84	11.80	11.88	*****
	h	10.25	10.19	10.30	*****	14.94	14.87	15.00	*****	7.38	7.34	7.43	*****	12.48	12.39	12.58	****
USA	l	0.13	0.13	0.13		0.13	0.13	0.13		1.59	1.58	1.59		2.06	2.05	2.07	
	m	0.53	0.53	0.53	*****	0.53	0.53	0.53	*****	1.44	1.44	1.44		1.52	1.52	1.52	
	h	1.54	1.54	1.55	*****	1.54	1.53	1.55	*****	0.84	0.84	0.84		0.41	0.40	0.41	

S7: Sensitivity analysis: Overall effect modification of the heat effect by air pollution

Results of the overall estimate obtained by the multivariate multilevel meta-analysis of the location-specific estimates for PM₁₀ and PM_{2.5} (top) and O₃ and NO₂ (bottom).

[Main analysis: Results from the main analysis; Lag0-3: considering lag0-3 for both temperature and air pollution; Definition of pollution level: low, medium, and high pollution levels defined as the 25th, 50th, and 75th percentile of the location-specific pollution levels, respectively; Three summer months: three consecutive summer months considered; MMT to the 99th: minimum mortality temperature (MMT) taken as the reference temperature]

^a Significance test bases on the difference between the estimates of high or medium (m or h) to that with low level of air pollution (l).

** = <0.05, *** = <0.005, **** = <0.0005, ***** = <<0.00005]

		PM ₁₀								PM _{2.5}							
		CVD				RD				CVD				RD			
		%	LCI	UCI	P-value ^a	%	LCI	UCI	P-value ^a	%	LCI	UCI	P-value ^a	%	LCI	UCI	P-value ^a
Main analysis	l	2.07	2.04	2.10		9.90	9.85	9.95		1.53	1.48	1.58		7.65	7.60	7.69	
	m	4.29	4.26	4.32	*****	12.21	12.15	12.27	*****	3.81	3.77	3.85	*****	11.29	11.21	11.38	*****
	h	7.33	7.29	7.37	*****	14.62	14.49	14.74	*****	7.01	6.94	7.07	*****	14.32	14.18	14.46	*****
Lag 0-3	l	1.41	1.37	1.46		9.14	9.09	9.18		1.40	1.34	1.45		7.54	7.48	7.61	
	m	3.25	3.20	3.29	*****	11.36	11.29	11.43	*****	3.18	3.18	3.13	*****	9.79	9.71	9.87	*****
	h	6.65	6.59	6.70	*****	14.52	14.30	14.75	*****	7.25	7.25	7.18	*****	13.69	13.54	13.85	*****
Definition of pollution level	l	3.81	3.78	3.83		10.64	10.58	10.69		8.15	8.12	8.18		9.93	9.88	9.98	
	m	4.87	4.84	4.89	*****	11.77	11.70	11.85	*****	9.42	9.38	9.47	*****	11.27	11.20	11.34	*****
	h	6.57	6.54	6.61	*****	12.92	12.82	12.82	*****	10.87	10.80	10.94	*****	12.48	12.39	12.58	*****
Three summer months	l	3.13	3.10	3.15		6.46	6.42	6.50		5.43	5.40	5.46		6.27	6.23	6.30	
	m	4.81	4.79	4.84	*****	9.26	9.21	9.32	*****	7.69	7.66	7.73	*****	8.99	8.94	9.04	*****
	h	9.00	8.96	9.04	*****	13.61	13.47	13.76	*****	11.88	11.77	11.99	*****	12.83	12.70	12.96	*****
MMT to the 99 th	l	5.08	5.03	5.14		17.44	16.85	18.04		3.29	3.23	3.35		16.96	16.44	17.49	
	m	6.72	6.66	6.78	*****	20.62	19.84	21.41	*****	5.75	5.67	5.82	*****	19.47	18.70	20.25	*****
	h	10.04	9.95	10.14	*****	23.03	22.29	23.77	*****	11.09	10.91	11.26	*****	21.64	20.76	22.53	*****

		O ₃								NO ₂							
		CVD				RD				CVD				RD			
		%	LCI	UCI	P-value ^a	%	LCI	UCI	P-value ^a	%	LCI	UCI	P-value ^a	%	LCI	UCI	P-value ^a
Main analysis	l	1.60	1.58	1.61		4.12	4.09	4.15		6.18	6.14	6.22		13.12	13.06	13.19	
	m	5.16	5.14	5.18	*****	8.34	8.31	8.38	*****	7.09	7.05	7.12	*****	14.89	14.79	14.98	*****
	h	8.73	8.69	8.76	*****	13.53	13.42	13.65	*****	8.56	8.51	8.61	*****	15.46	15.33	15.58	*****
Lag 0-3	l	0.50	0.47	0.52		6.28	6.22	6.33		4.55	4.52	4.59		11.46	11.39	11.53	
	m	4.33	4.30	4.35	*****	9.32	9.27	9.38	*****	6.51	6.48	6.55	*****	14.18	14.07	14.28	*****
	h	8.94	8.89	8.98	*****	14.25	14.10	14.41	*****	7.82	7.75	7.88	*****	15.99	15.82	16.15	*****
Definition of pollution level	l	3.59	3.57	3.61		6.90	6.87	6.93		9.24	9.20	9.28		11.45	11.37	11.53	
	m	5.20	5.18	5.22	*****	8.57	8.53	8.61	*****	10.16	10.12	10.21	*****	12.34	12.25	12.42	*****
	h	7.05	7.03	7.08	*****	10.71	10.64	10.78	*****	11.30	11.22	11.37	*****	13.01	13.90	13.12	*****
Three summer months	l	3.91	3.89	3.94		6.08	6.01	6.14		6.87	6.83	6.91		7.98	7.92	8.04	
	m	6.61	6.58	6.63	*****	8.08	8.04	8.13	*****	8.50	8.46	8.55	*****	9.91	9.85	9.98	*****
	h	9.78	9.75	9.82	*****	12.72	12.60	12.85	*****	12.14	12.03	12.25	*****	13.54	13.40	13.68	*****
MMT to the 99 th	l	1.78	1.76	1.79		5.39	5.33	5.46		7.74	7.65	7.84		20.99	20.45	21.53	
	m	5.71	5.66	5.75	*****	11.41	11.24	11.57	*****	8.56	8.48	8.63	*****	23.37	22.72	24.02	*****
	h	8.45	8.39	8.51	*****	15.77	15.50	16.04	*****	10.42	10.32	10.53	*****	22.53	22.02	23.04	*****

S8: City-specific heat effects on CVD and RD mortality - effect modification by air pollution

[CVD= cardiovascular disease; RD= respiratory disease; %= percent change in heat-related mortality when the summer temperature rises from the 75th to the 99th percentile of the location-specific temperature distribution; LCI= 95% lower confidence interval; UCI= 95% upper confidence interval; l=low level of air pollutant; m=medium level of air pollutant; h= high level of air pollutant]

Country	City	Level	PM ₁₀						PM _{2.5}						O ₃			NO ₂									
			CVD			RD			CVD			RD			CVD			RD		CVD			RD				
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	
Canada	Abbotsford	l	-19.1	-38.0	-0.2	-9.4	-52.8	33.9	-19.3	-38.3	-0.2	-9.5	-53.6	34.6	-9.0	-	31.1	13.2	-	-70.0	45.4	8.5	-11.7	28.7	16.3	-55.4	88.0
		m	-11.6	-26.1	3.0	3.6	-33.1	40.3	-11.7	-26.3	3.0	3.6	-33.8	41.0	-8.2	-	25.7	9.3	1.8	-48.0	51.5	2.2	-11.0	15.5	33.4	-13.4	80.3
		h	-0.6	-21.2	20.1	31.1	-13.4	75.6	-0.6	-21.3	20.2	31.5	-13.8	76.8	-6.5	-	26.2	13.3	29.7	-23.1	82.4	-7.0	-22.5	8.5	82.3	-6.5	171.0
	Calgary	l	-1.0	-6.6	4.6	5.4	-5.8	16.5	-0.4	-6.0	5.1	3.3	-9.2	15.8	0.0	-5.1	5.2	19.8	2.4	37.2	-2.8	-27.6	22.0	11.9	-2.5	26.3	
		m	-0.8	-5.7	4.0	6.7	-3.8	17.2	-0.8	-5.8	4.2	4.9	-7.1	16.9	0.5	-3.5	4.6	13.6	0.9	26.4	-6.1	-17.0	4.7	11.5	2.8	20.2	
		h	-0.1	-7.2	7.0	9.1	-6.7	24.9	-1.9	-9.0	5.3	7.8	-10.2	25.9	1.1	-5.2	7.3	7.1	-7.8	22.1	1.9	-21.5	25.4	13.1	0.6	25.5	
	Edmonton	l	-10.2	-33.8	13.4	-0.8	-12.3	10.7	-13.1	-37.8	11.6	-4.4	-16.7	7.8	3.4	-7.9	14.7	0.0	-10.4	10.4	0.1	-5.0	5.3	5.8	-4.2	15.8	
		m	1.0	-14.0	15.9	-4.9	-14.4	4.6	-1.0	-16.3	14.4	-7.2	-17.5	3.1	3.6	-3.6	10.7	-1.7	-10.2	6.8	1.8	-2.2	5.9	3.4	-4.3	11.1	
		h	15.2	-6.3	36.8	-13.2	-25.8	-0.5	10.5	-8.9	29.9	-12.8	-26.3	0.7	9.2	-2.3	20.6	-3.8	-15.6	8.1	4.4	-1.5	10.3	-1.3	-12.3	9.7	
	Halifax	l	-	-	-	-	-	-	-	-	-	-	-	-	40.4	1.4	79.4	9.0	-9.1	27.1	9.1	-10.1	28.3	42.1	-15.1	99.3	
		m	-	-	-	-	-	-	-	-	-	-	-	-	20.8	-1.1	42.7	9.6	-3.7	22.8	0.7	-11.5	12.9	17.2	-14.0	48.3	
		h	-	-	-	-	-	-	-	-	-	-	-	-	0.9	-	20.2	22.1	10.2	-9.1	29.6	-6.8	-21.3	7.7	-2.7	-37.3	31.8
	Hamilton	l	-4.6	-14.8	5.5	39.7	-9.4	88.9	-7.4	-23.4	8.6	72.1	-29.8	174.1	-2.0	-	10.4	6.4	0.1	-12.5	12.6	-5.1	-11.1	1.0	6.5	-5.5	18.4
		m	-5.4	-14.2	3.4	1.0	-21.0	23.1	-8.6	-22.4	5.2	1.7	-34.9	38.3	-6.7	-	12.7	-0.7	3.2	-8.3	14.7	-3.8	-8.2	0.6	3.0	-5.7	11.7
		h	-6.7	-20.2	6.8	53.2	-11.9	118.4	-10.6	-31.7	10.5	100.0	-45.8	245.7	-6.5	-	16.3	3.4	7.4	-10.6	25.4	-1.9	-8.8	4.9	-2.6	-16.0	10.7
	Kingston	l	-	-	-	-	-	-	-	-	-	-	-	-	47.7	-	49.7	145.2	-3.8	-27.1	19.4	23.3	-4.8	51.3	-14.3	-68.5	40.0
		m	-	-	-	-	-	-	-	-	-	-	-	-	37.7	-	11.9	87.3	1.8	-20.1	23.7	16.8	-6.1	39.7	1.4	-59.9	62.6

Country	City		PM ₁₀						PM _{2.5}						O ₃						NO ₂					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		h	-	-	-	-	-	-	-	-	-	-	-	-	11.8	-21.5	45.0	10.5	-26.5	47.4	1.9	-26.6	30.4	6.5	-135.6	148.7
	Kitchener-Waterloo	l	-	-	-	-	-	-	-	-	-	-	-	-	-0.2	-8.6	8.2	11.4	-13.1	35.8	-2.2	-9.8	5.3	-3.4	-48.8	41.9
		m	-	-	-	-	-	-	-	-	-	-	-	-	-3.0	-9.7	3.8	3.4	-13.0	19.8	0.0	-5.9	6.0	-11.3	-40.3	17.7
		h	-	-	-	-	-	-	-	-	-	-	-	-	-6.8	-16.8	3.3	-17.0	-42.8	8.9	4.8	-5.2	14.7	-28.6	-80.9	23.7
	London Ontario	l	1.2	-49.0	51.4	17.6	-29.1	64.4	-	-	-	-	-	-	-2.9	-9.3	3.6	-2.7	-17.4	12.0	-7.3	-13.7	-0.9	-0.7	-13.5	12.1
		m	6.0	-30.0	41.9	3.3	-30.6	37.3	-	-	-	-	-	-	-1.5	-7.3	4.2	1.1	-10.8	12.9	-2.6	-7.5	2.4	1.0	-8.8	10.8
		h	14.7	-29.2	58.6	-17.3	-54.9	20.3	-	-	-	-	-	-	0.3	-9.0	9.6	0.3	-20.8	21.4	4.9	-3.3	13.1	2.9	-12.9	18.6
	Montreal	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Niagara	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Oakville	l	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-11.4	12.2	9.5	-26.3	45.4	6.5	-1.8	14.7	-5.7	-34.8	23.3
		m	-	-	-	-	-	-	-	-	-	-	-	-	4.6	-4.1	13.3	5.5	-18.4	29.5	4.7	-1.7	11.2	-3.0	-26.8	20.8
		h	-	-	-	-	-	-	-	-	-	-	-	-	8.2	-8.6	25.0	0.5	-25.6	26.5	2.0	-7.9	11.8	-0.5	-41.7	40.7
	Oshawa	l	-	-	-	-	-	-	-	-	-	-	-	-	-3.8	-10.9	3.4	1.4	-13.9	16.8	-0.2	-10.9	10.4	21.4	-6.0	48.9
		m	-	-	-	-	-	-	-	-	-	-	-	-	-2.1	-8.4	4.3	14.0	-0.8	28.8	-1.2	-9.8	7.3	27.8	5.0	50.6
		h	-	-	-	-	-	-	-	-	-	-	-	-	0.9	-10.1	11.8	40.4	10.1	70.8	-4.0	-15.3	7.3	46.7	3.3	90.2
	Ottawa	l	-	-	-	-	-	-	-	-	-	-	-	-	0.8	-6.3	7.8	18.9	1.1	36.7	4.8	-6.8	16.4	10.3	-0.8	21.5
		m	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-3.5	7.5	11.3	-0.2	22.7	1.6	-7.3	10.5	9.9	0.6	19.1
		h	-	-	-	-	-	-	-	-	-	-	-	-	3.8	-3.5	11.2	9.7	-10.0	29.4	2.4	-11.5	16.3	8.2	-7.1	23.6
	Regina	l	-1.1	-10.1	7.9	-9.7	-41.6	22.3	1.3	-9.3	12.0	0.1	-27.9	28.0	-1.8	-10.5	7.0	41.8	-73.7	157.3	-2.3	-12.8	8.2	-3.5	-22.3	15.2
		m	0.0	-8.1	8.1	-5.3	-33.4	22.8	1.8	-7.7	11.3	3.3	-21.3	28.0	3.1	-4.2	10.3	17.2	-42.8	77.2	-3.0	-9.8	3.9	0.9	-14.1	16.0

Country	City		PM10						PM2.5						O3						NO2								
			CVD			RD			CVD			RD			CVD			RD			CVD			RD					
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI			
		h	2.9	-9.7	15.4	6.7	-28.2	41.6	3.0	-12.1	18.1	11.3	-22.7	45.4	12.1	0.5	23.6	5.7	-56.1	67.5	6.9	-2.6	16.4	8.3	-12.9	29.4			
	Sarnia	l	-0.6	-31.8	30.6	-5.3	187.7	177.1	-0.5	-27.4	26.3	-4.1	152.3	144.2	-12.4	-	32.3	7.5	441.5	-	5370	5458	6.6	-7.4	-22.3	7.4	51.7	-59.2	162.6
		m	-5.0	-31.9	22.0	34.0	121.4	189.4	-4.3	-27.6	19.1	29.2	-96.9	155.3	-7.2	-	22.0	7.7	137.5	-	347.9	623.0	-	-4.2	-15.5	7.2	48.1	-18.4	114.7
		h	-12.3	-48.0	23.3	150.4	150.6	451.5	-10.7	-41.9	20.4	121.0	-	101.7	343.8	2.1	-	14.9	19.1	75.7	-	186.5	186.5	1.2	-14.8	17.2	52.5	-39.8	144.9
	Sudbury	l	-	-	-	-	-	-	-	-	-	-	-	-	4.9	-5.8	15.5	34.3	-	193.9	262.6	2.6	-15.4	20.5	3.0	-63.5	69.5		
		m	-	-	-	-	-	-	-	-	-	-	-	-	2.2	-6.6	10.9	-	20.4	-	-86.7	45.9	0.2	-12.8	13.2	7.9	-42.8	58.6	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-2.2	-	11.3	-	67.8	-	-93.5	-42.1	-3.0	-21.9	15.9	14.9	-59.8	89.7	
	Saint John NB	l	-3.0	-25.7	19.8	16.9	-60.9	94.8	3.3	-12.9	19.5	4.0	-55.7	63.7	0.3	-8.2	8.7	14.1	-19.2	47.3	-6.1	-14.8	2.6	10.0	-22.2	42.1			
		m	-0.1	-18.3	18.1	21.8	-44.1	87.7	3.2	-10.4	16.9	13.6	-42.3	69.5	-2.3	-9.0	4.3	12.8	-12.7	38.3	-4.1	-10.6	2.4	10.1	-14.8	35.1			
		h	4.6	-17.4	26.5	37.9	-63.2	139.0	3.1	-13.4	19.5	16.8	-70.4	104.1	-4.9	-	15.1	5.4	10.7	-20.3	41.6	-1.0	-12.1	10.0	10.6	-23.4	44.6		
	St. John's NFL	l	-	-	-	-	-	-	-	-	-	-	-	-	12.2	-5.6	29.9	-	32.0	-	-77.9	13.8	3.6	-9.6	16.8	10.2	-9.1	29.6	
		m	-	-	-	-	-	-	-	-	-	-	-	-	5.0	-8.1	18.1	-	20.3	-	-57.0	16.5	2.5	-7.7	12.7	8.5	-6.8	23.8	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-4.2	-	20.4	12.0	0.1	-	-65.3	65.5	1.2	-16.7	19.1	5.5	-17.8	28.9	
	Sault Ste. Marie	l	8.9	-27.3	45.0	49.1	1438.5	1536.7	8.0	-24.2	40.2	42.6	842.9	928.2	-6.6	-	17.2	4.1	-9.2	-	-74.9	56.5	2.1	-11.5	15.6	95.0	-24.2	214.1	
		m	1.7	-29.9	33.3	-10.0	300.5	280.5	1.5	-26.8	29.8	-9.6	238.8	219.7	-1.1	-	10.7	8.5	14.8	-	-43.0	72.6	1.4	-8.5	11.2	76.3	-4.4	157.1	
		h	-15.4	-57.3	26.5	-77.2	193.3	39.0	-14.0	-52.0	24.1	-73.8	174.1	26.5	9.1	-8.3	26.4	60.7	-	-14.7	136.2	-4.2	-21.1	12.8	23.6	-99.6	146.8		
	Saskatoon	l	-	-	-	-	-	-	-	-	-	-	-	-	7.8	-3.4	18.9	27.6	-	-65.8	121.0	-5.8	-17.6	6.1	0.9	-18.9	20.7		
		m	-	-	-	-	-	-	-	-	-	-	-	-	10.2	2.7	17.8	27.9	-	-21.7	77.5	-1.0	-10.1	8.1	1.7	-13.2	16.5		

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		h	-	-	-	-	-	-	-	-	-	-	-	-	12.7	1.0	24.3	31.0	-55.6	117.6	8.4	-11.4	28.3	1.5	-20.7	23.8
	Thunder Bay	l	-	-	-	-	-	-	-	-	-	-	-	-	0.7	-12.5	13.9	5.7	-49.1	60.4	-2.2	-14.4	9.9	-9.7	-38.9	19.4
		m	-	-	-	-	-	-	-	-	-	-	-	-	-2.4	-12.3	7.6	-4.8	-37.0	27.4	0.4	-9.4	10.3	5.0	-20.4	30.4
		h	-	-	-	-	-	-	-	-	-	-	-	-	-6.7	-20.3	6.8	28.7	-25.5	83.0	5.9	-9.6	21.5	37.6	-25.8	101.1
	Toronto	l	14.6	-30.2	59.5	-4.1	-27.8	19.7	14.5	-34.2	63.1	-4.2	-28.6	20.1	-4.4	-7.4	-1.5	6.6	1.1	12.0	-0.9	-6.0	4.2	1.9	-2.9	6.6
		m	7.4	-20.6	35.5	-2.5	-21.7	16.7	6.9	-23.3	37.0	-2.5	-22.2	17.1	-4.0	-6.5	-1.6	6.0	1.3	10.7	-1.1	-4.7	2.5	5.8	2.1	9.5
		h	-6.6	-21.1	8.0	1.3	-20.9	23.4	-7.9	-23.5	7.6	1.3	-21.2	23.9	-3.8	-7.8	0.1	5.1	-2.0	12.2	-0.3	-6.3	5.6	12.8	6.4	19.2
	Victoria	l	-6.6	-19.5	6.3	10.2	-21.2	41.5	-10.0	-24.4	4.3	16.4	-19.7	52.5	-5.0	-20.9	10.9	6.0	-25.3	37.3	-4.4	-17.1	8.2	-1.2	-24.1	21.8
		m	-3.8	-14.9	7.3	11.8	-14.6	38.1	-11.1	-22.3	0.1	18.9	-11.6	49.4	-1.2	-12.7	10.2	-5.6	-23.1	11.9	-6.0	-14.6	2.6	-2.0	-19.0	15.0
		h	4.0	-9.1	17.1	16.0	-14.5	46.4	-9.9	-22.2	2.3	25.0	-9.3	59.3	3.6	-8.1	15.3	13.5	-11.9	38.8	2.0	-8.3	12.3	-3.3	-22.2	15.5
	Vancouver	l	-2.9	-11.6	5.9	4.1	-5.6	13.9	-2.9	-11.6	5.8	4.1	-5.6	13.8	-3.2	-7.8	1.5	5.8	-12.5	24.2	-7.1	-14.1	-0.1	16.7	0.1	33.2
		m	0.4	-6.5	7.3	10.4	1.7	19.1	0.4	-6.4	7.2	10.3	1.7	18.9	0.1	-3.9	4.1	7.6	-7.0	22.2	-1.3	-6.2	3.5	20.5	9.0	32.1
		h	6.1	-0.3	12.4	21.6	11.1	32.1	6.0	-0.3	12.3	21.5	11.0	31.9	5.4	0.4	10.3	10.4	-1.8	22.5	6.2	-0.6	12.9	26.1	12.6	39.6
	Windsor	l	15.4	-4.9	35.6	43.2	165.6	252.1	14.6	-4.5	33.7	38.4	157.3	234.1	1.0	-6.1	8.1	-33.5	-98.4	31.4	0.2	-6.6	6.9	5.7	-13.9	25.3
		m	8.1	-9.6	25.8	25.1	101.9	152.1	7.7	-9.1	24.5	26.8	-99.1	152.8	0.3	-6.3	6.8	50.8	-15.3	117.0	-0.3	-5.3	4.7	1.5	-13.0	16.0
		h	-3.6	-26.7	19.5	-53.0	115.6	9.6	-3.4	-25.6	18.7	-53.1	116.0	9.8	-0.7	-11.1	9.6	-43.1	-70.9	-15.4	-1.0	-8.7	6.7	-4.8	-24.7	15.1
	Winnipeg	l	-3.4	-7.9	1.2	5.7	-4.1	15.4	-2.9	-7.7	2.0	6.9	-4.0	17.9	-1.2	-6.8	4.4	3.4	-10.7	17.5	-4.4	-8.8	0.0	3.3	-6.1	12.7
		m	-3.1	-6.9	0.7	4.4	-3.8	12.6	-3.1	-7.2	1.0	5.9	-3.3	15.1	0.9	-3.5	5.2	4.8	-5.0	14.6	-1.1	-4.4	2.3	0.1	-6.7	6.9
		h	-3.5	-9.2	2.2	0.9	-11.5	13.2	-3.7	-9.3	2.0	2.3	-10.6	15.2	3.5	-2.9	9.9	-15.6	-28.2	-3.0	4.6	-0.8	10.1	-5.0	-15.2	5.2
China	Beijing	l	-1.3	-4.3	1.7	-23.3	-41.3	-5.3	9.9	2.4	17.3	6.8	-2.3	15.9	-1.0	-21.8	19.8	-20.7	-55.7	14.3	14.0	8.6	19.3	17.3	-1.4	36.1
		m	1.0	-1.8	3.8	-12.3	-24.7	0.2	10.8	5.2	16.5	7.9	-0.3	16.2	8.0	-3.1	19.0	-13.4	-33.9	7.2	8.4	4.4	12.4	4.5	-7.8	16.7
		h	5.1	1.0	9.3	10.5	-23.7	44.8	7.2	-2.8	17.2	-6.0	-18.4	6.4	19.9	7.2	32.7	-3.4	-27.4	20.5	13.3	6.6	20.1	7.9	-13.3	29.1

Country	City		PM10						PM2.5						O3						NO2							
			CVD			RD			CVD			RD			CVD			RD			CVD			RD				
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI		
Estonia	Kohtla-Järve linn	l	-5.1	-17.5	7.4	-95.7	-	-	-18.4	-35.5	-1.3	-35.5	-	162.7	-12.1	-	26.5	2.3	60.16	-	174.3	294.6	4.4	-15.0	23.7	-19.7	-67.3	27.9
		m	-3.0	-14.1	8.2	-91.3	-211	28.8	-10.6	-26.7	5.5	-44.9	-137	47.8	-4.2	-	14.9	6.5	27.59	-78.9	23.7	8.9	-7.2	25.1	-16.5	-46.1	13.1	
		h	3.1	-11.6	17.9	9.3	-173	192	9.7	-14.2	33.7	-80.3	-143	-17.2	7.4	-6.8	21.6	32.93	-99.6	33.7	17.8	-2.9	38.6	28.1	-32.6	88.9		
	Narva linn	l	-8.6	-24.5	7.4	-99.8	-	-	-8.8	-22.9	5.2	-100	-	-	-17.7	-	34.7	-0.6	100.00	-	-	-2.0	-19.3	15.3	-99.5	1036.4	837.3	
		m	-8.0	-22.1	6.0	-99.9	-	-	-8.3	-20.7	4.0	-99.8	-	-	-8.2	-	20.6	4.1	99.98	-	-	-3.9	-15.8	8.1	-75.8	258.0	106.5	
		h	-7.0	-23.2	9.3	73.2	-	-	-7.4	-21.7	6.9	112	-	-	3.9	-12.7	20.5	-	757.0	607.3	-4.3	-19.6	10.9	1309.2	9751.2	12369.6		
	Tallin	l	-2.0	-16.2	12.1	-27.2	47.4	-27.2	-	-	-	-	-	-	6.6	-8.7	21.9	8.3	-29.6	46.3	6.0	-8.6	20.6	-0.1	-26.5	26.4		
		m	4.0	-5.6	13.7	-5.1	51.2	-5.1	-	-	-	-	-	-	8.4	-0.7	17.5	19.4	-6.0	44.8	13.5	2.7	24.2	6.0	-13.9	25.9		
		h	21.9	5.2	38.6	-31.0	32.7	-31.0	-	-	-	-	-	-	10.2	0.4	20.0	3.7	-27.6	35.1	26.8	7.0	46.6	16.8	-11.3	44.8		
	Tartu linn	l	4.0	-28.3	36.3	-79.7	11.7	-79.7	6.0	-24.5	36.6	-32.4	-419.	354	42.6	-24.7	109.9	-100	-	-	52.7	16.7	88.6	-85.0	-397	227		
		m	15.5	-12.0	43.0	-70.2	2.0	-70.2	12.6	-13.5	38.7	-45.2	-151	61.6	47.8	13.8	81.7	-	99.8	421.69	222.03	52.1	24.4	79.9	-35.8	-210	139	
		h	36.7	4.2	69.2	-69.8	1.2	-69.8	26.4	-4.5	57.3	-61.3	-247	125	52.7	16.5	89.0	-9.1	498.8	480.6	51.1	4.0	98.2	-79.3	30204.7	30046.1		
France	Bordeaux	l	2.9	-6.9	12.8	45.3	8.8	81.8	3.7	-6.9	14.4	7.4	-15.4	30.3	2.2	-10.5	14.8	10.5	-28.7	49.7	2.5	-6.9	12.0	27.9	3.6	52.1		
		m	1.6	-5.6	8.8	21.8	2.4	41.3	0.9	-7.1	8.8	14.1	-4.7	33.0	8.7	0.4	17.1	26.1	-3.8	56.0	1.2	-5.4	7.9	25.5	8.3	42.6		
		h	-1.1	-9.8	7.6	38.3	11.7	64.9	-5.5	-13.6	2.5	31.6	8.2	55.0	22.6	9.4	35.7	48.7	19.0	78.3	-1.1	-10.3	8.1	20.5	-3.1	44.1		
	Clermont-Ferrand	l	20.5	-18.4	59.3	36.1	103.2	175.4	11.5	-8.8	31.9	52.4	-95.7	200.4	-2.4	-13.0	8.2	9.8	-45.6	65.1	7.5	-18.5	33.4	7.6	-19.6	34.9		
		m	28.6	-1.2	58.5	32.4	-54.6	119.3	14.2	-0.6	29.1	49.1	-39.6	137.8	10.0	0.9	19.1	3.2	-27.5	33.9	23.1	4.1	42.1	11.2	-7.7	30.1		
		h	41.7	9.4	73.9	26.8	-48.0	101.5	19.1	-1.2	39.3	40.4	-66.5	147.3	28.2	13.4	42.9	22.4	-29.4	74.1	54.8	16.6	93.0	17.4	-14.7	49.6		

Country	City	Type	PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
	Dijon	l	14.7	-5.1	34.5	26.7	-70.7	124.0	14.7	-8.5	38.0	16.4	-39.3	72.0	-6.8	-18.3	4.7	8.2	-57.5	73.8	13.5	-11.5	38.6	5.3	-46.9	57.5
		m	9.2	-5.1	23.6	13.2	-43.1	69.5	9.6	-7.3	26.5	4.1	-33.1	41.3	8.4	-1.8	18.7	13.4	-31.6	58.3	25.4	8.2	42.7	16.3	-19.8	52.4
		h	0.6	-13.8	15.0	9.6	-61.0	80.2	0.5	-16.5	17.5	-15.9	-48.3	16.5	31.1	14.9	47.4	18.6	-24.0	61.3	48.7	12.1	85.2	33.4	-38.9	105.7
	Grenoble	l	1.6	-25.6	28.9	14.8	-42.1	71.7	4.1	-17.8	26.0	36.9	132.4	206.2	-2.2	-10.6	6.2	9.4	-18.7	37.6	23.5	-7.0	53.9	11.1	-20.5	42.8
		m	10.8	-8.4	30.0	32.5	-13.6	78.7	11.9	-4.1	27.9	89.2	-23.7	202.1	8.7	1.8	15.6	22.6	0.9	44.4	32.0	10.5	53.5	17.6	-7.6	42.7
		h	34.7	3.5	65.9	49.6	-19.8	118.9	34.5	7.8	61.3	-26.6	100.2	46.9	20.8	9.9	31.6	70.0	20.1	120.0	50.7	-4.4	105.8	31.5	-16.3	79.3
	Le Havre	l	17.2	-5.5	39.8	24.4	131.2	180.0	11.1	-10.3	32.5	43.9	161.3	249.1	-3.6	-57.6	50.3	98.9	167.6	365.4	45.8	18.1	73.6	114.9	-475.6	705.5
		m	14.1	-1.7	30.0	21.4	-67.4	110.2	10.7	-5.1	26.4	51.4	-64.7	167.4	-25.2	-51.5	1.2	48.6	-69.0	166.2	30.4	11.5	49.4	118.6	-106.7	343.9
		h	3.3	-15.5	22.1	39.9	-64.4	144.2	10.9	-11.0	32.7	114.7	152.6	381.9	-2.6	-29.5	24.3	28.3	-40.2	96.8	2.4	-15.5	20.3	-1.4	113.8	111.0
	Lens-Douai	l	4.0	-5.5	13.5	9.9	-11.8	31.6	4.8	-6.1	15.7	-1.9	-37.7	33.9	6.8	-17.4	31.0	-2.3	-26.8	22.3	1.4	-10.9	13.7	38.0	2.4	73.7
		m	3.6	-3.7	10.8	13.5	-3.6	30.5	4.8	-3.7	13.2	11.0	-19.6	41.6	6.6	-8.0	21.2	17.4	-4.1	38.9	3.0	-4.5	10.4	39.6	15.7	63.4
		h	2.5	-6.9	11.9	22.5	-1.6	46.6	4.4	-7.1	15.9	50.8	5.6	96.0	11.1	-2.5	24.7	51.8	27.5	76.0	6.9	-7.8	21.6	42.4	5.3	79.4
	Lille	l	19.9	-6.4	46.1	63.0	-4.3	130	23.4	-109	156	7.1	-34.4	48.5	-4.1	-19.0	10.9	87.9	-11.7	187.6	24.6	-0.5	49.7	47.5	11.0	84.1
		m	16.9	-1.8	35.6	48.8	6.0	91.7	9.7	-45.8	65.2	10.4	-23.1	43.9	4.1	-8.1	16.2	53.6	-3.1	110.3	17.4	1.2	33.6	25.0	3.5	46.4
		h	9.3	-12.3	30.9	11.6	-35.1	58.4	10.2	-56.0	76.5	17.4	-30.5	65.4	17.9	4.2	31.6	12.6	-20.0	45.3	4.2	-22.9	31.4	-10.6	-33.4	12.2
	Lyon	l	-8.0	-16.4	0.4	8.4	-26.7	43.4	-3.3	-15.8	9.2	14.0	-16.9	44.8	-12.1	-31.3	7.1	-1.5	-68.0	65.0	12.0	-4.6	28.6	43.7	-1.8	89.3
		m	-3.4	-10.0	3.2	21.4	-3.7	46.4	1.9	-7.8	11.7	27.0	9.2	44.8	7.5	-7.8	22.8	29.4	-14.2	73.0	11.2	-0.2	22.5	55.1	23.2	87.0
		h	5.0	-3.2	13.1	101.3	41.2	161.5	13.2	0.6	25.7	54.7	20.5	88.8	34.3	20.6	47.9	137.9	75.1	200.7	10.1	-8.3	28.6	64.5	-0.2	129.3
	Marseille	l	-8.6	-20.8	3.6	1.4	-49.5	52.2	-3.1	-14.4	8.2	14.8	-56.8	86.4	-4.3	-12.5	3.9	14.6	-30.2	59.3	-10.4	-20.4	-0.3	8.9	-39.3	57.2
		m	-7.2	-17.2	2.9	2.4	-35.0	39.9	-4.0	-13.2	5.2	-0.9	-42.2	40.3	-4.9	-11.3	1.5	24.2	-8.4	56.8	-4.0	-12.0	4.1	18.1	-19.1	55.3

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
Montpellier	h	-4.6	-17.9	8.7	4.2	-45.8	54.2	-5.5	-17.6	6.7	-18.8	-65.1	27.5	-5.7	-14.7	3.4	37.4	-0.9	75.8	6.5	-6.0	18.9	33.1	-41.9	108.1	
	l	1.9	-7.5	11.2	7.2	-8.9	23.3	-1.2	-7.2	4.8	-0.4	-11.5	10.8	-13.2	-33.4	7.0	17.0	-9.8	43.7	0.6	-4.5	5.8	2.1	-10.3	14.6	
	m	-0.3	-7.1	6.5	10.8	-2.2	23.8	-0.4	-5.2	4.3	1.9	-7.6	11.3	1.5	-7.8	10.9	23.5	5.7	41.3	1.2	-2.8	5.2	7.6	-2.3	17.5	
Nancy	h	-0.7	-10.1	8.6	16.3	-0.4	33.0	0.1	-6.5	6.8	5.6	-8.0	19.3	9.8	-2.1	21.6	30.6	11.5	49.6	2.1	-3.9	8.0	15.5	0.2	30.7	
	l	-6.2	-25.7	13.2	31.4	-3.5	66.3	-10.7	-40.8	19.4	51.0	-44.6	146.6	-3.3	-18.0	11.5	37.8	4.6	71.0	4.9	-4.1	14.0	18.5	-5.5	42.6	
	m	-0.9	-13.9	12.1	34.7	8.4	61.1	-10.1	-34.8	14.7	53.1	-24.3	130.6	0.3	-8.5	9.2	43.2	20.2	66.1	5.9	-1.0	12.9	19.3	0.9	37.7	
Nantes	h	5.4	-9.4	20.1	37.0	6.0	68.1	-9.2	-34.3	16.0	56.4	-22.2	135.1	9.7	-1.0	20.3	48.6	25.0	72.2	7.2	-1.6	16.0	18.6	-3.1	40.3	
	l	-14.4	-50.7	21.8	4.3	-29.0	37.5	-0.1	-23.4	23.1	19.8	-24.3	64.0	-45.1	-67.5	-22.8	0.6	-20.0	21.3	-13.9	-37.7	10.0	25.9	-22.6	74.4	
	m	-17.5	-39.0	4.0	12.6	-14.1	39.4	-6.6	-23.1	9.8	29.4	-5.7	64.5	-28.5	-48.8	-8.2	13.4	-5.2	31.9	-14.3	-29.9	1.2	30.7	-3.5	64.9	
Nice	h	-23.0	-43.6	-2.4	29.1	-3.8	61.9	-17.5	-36.3	1.3	48.7	-4.7	102.2	4.6	-13.5	22.7	34.5	5.7	63.3	-15.2	-44.6	14.1	40.1	-25.7	105.9	
	l	2.6	-11.8	16.9	33.2	-3.6	70.0	0.5	-15.0	16.0	55.8	-12.6	124.2	-1.8	-11.8	8.2	-	-30.5	4.4	10.2	-3.2	23.6	22.8	-6.7	52.4	
	m	3.0	-7.7	13.8	24.3	-0.3	48.8	3.4	-7.8	14.6	10.2	-18.1	38.5	4.2	-3.3	11.6	-0.1	-15.9	15.6	8.1	-0.9	17.0	16.7	-4.1	37.5	
Paris	h	4.8	-8.8	18.4	5.3	-21.2	31.9	12.4	-2.3	27.1	-1.3	-29.8	27.1	16.0	4.3	27.7	23.4	0.3	46.5	2.9	-9.6	15.3	1.8	-25.5	29.2	
	l	-2.8	-9.1	3.4	7.1	-9.7	23.9	-2.1	-7.9	3.7	23.6	6.4	40.9	-60.1	-70.3	-49.8	227.8	-	1154.6	1610.1	2.6	-3.9	9.2	9.2	-7.4	25.9
	m	-0.1	-4.2	4.0	14.7	3.5	25.9	1.2	-2.8	5.3	24.7	12.2	37.2	-33.3	-43.5	-23.1	-5.6	-45.2	33.9	4.6	0.2	9.0	20.6	9.5	31.7	
Rennes	h	8.4	1.4	15.5	33.2	14.5	52.0	11.9	2.6	21.2	27.7	7.8	47.6	10.2	2.4	18.0	25.4	7.2	43.6	7.6	-0.2	15.3	31.4	10.2	52.6	
	l	7.3	-9.7	24.3	53.1	-78.2	184	-19.5	-42.2	3.3	-54.5	-217	108	0.3	-12.6	13.2	-6.5	-31.3	18.3	11.2	-4.9	27.3	29.1	-12.5	70.7	
	m	8.1	-4.6	20.8	11.1	-55.9	78.2	-8.2	-28.4	12.0	-22.2	-132	88.5	4.6	-5.6	14.7	14.8	-9.5	39.0	8.1	-3.6	19.7	15.6	-12.3	43.4	
Rouen	h	9.8	-7.5	27.2	32.6	-73.9	139	30.6	-8.7	69.9	106	-351	565.	11.9	-2.6	26.3	59.8	18.8	100.7	1.6	-13.5	16.7	-8.9	-40.3	22.5	
	l	-1.6	-13.1	9.8	16.9	-14.3	48.2	-3.9	-15.0	7.1	27.2	-12.2	66.6	6.7	-68.3	81.8	-	-43.9	18.8	-2.6	-13.5	8.4	5.9	-27.9	39.6	
	m	0.2	-8.3	8.7	5.5	-14.9	25.8	-1.6	-10.1	6.9	5.8	-15.6	27.2	6.6	-31.0	44.2	5.3	-20.6	31.3	1.3	-6.7	9.3	-3.9	-26.7	18.8	
Strasbourg	h	4.1	-7.8	16.1	-15.4	-38.3	7.5	4.6	-8.3	17.6	-10.3	-37.8	17.2	9.1	-11.3	29.5	47.6	7.4	87.8	9.4	-3.4	22.1	-20.6	-50.6	9.4	
	l	1.1	-12.7	15.0	26.6	-10.9	64.2	7.2	-17.1	31.5	28.1	-6.4	62.7	-6.3	-14.6	2.0	35.1	-6.3	76.6	9.0	-8.4	26.3	41.7	-4.9	88.3	
	m	0.1	-9.6	9.8	18.6	-7.5	44.7	8.1	-9.1	25.3	19.6	-3.4	42.6	3.5	-4.2	11.2	10.9	-10.9	32.8	12.3	-0.2	24.8	23.9	-3.5	51.3	

Country	City		PM10						PM2.5						O3						NO2						
			CVD			RD			CVD			RD			CVD			RD			CVD			RD			
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	
	Toulouse	h	-2.2	-13.1	8.7	4.7	-22.1	31.5	9.6	-9.1	28.3	6.3	-16.6	29.3	20.3	7.4	33.2	31.3	-22.4	85.1	18.0	0.9	35.1	28.7	-23.7	81.1	
		l	10.0	-16.1	36.0	23.0	-10.7	56.6	-1.7	-13.4	10.0	36.5	-2.4	75.3	-13.6	-30.4	3.1	1.2	-47.9	50.3	9.0	-1.1	19.1	7.1	-33.7	48.0	
		m	0.7	-16.2	17.5	4.7	-13.4	22.8	-6.0	-13.3	1.2	10.2	-8.0	28.4	-7.5	-20.0	4.9	2.6	-26.9	32.2	2.5	-4.3	9.4	9.3	-20.1	38.7	
		h	-13.1	-27.2	1.0	1.8	-18.0	21.6	-8.2	-16.9	0.5	1.7	-18.7	22.0	2.1	-9.1	13.3	14.7	-19.8	49.3	-8.4	-17.7	0.9	22.0	-59.0	103.0	
Germany	Berlin	l	8.2	-3.8	20.2	31.3	3.8	58.7	39.9	19.2	60.6	36.4	6.0	66.8	-6.8	-18.7	5.2	0.5	-17.4	18.3	23.2	14.8	31.6	33.5	16.5	50.5	
		m	9.4	2.5	16.4	42.7	26.1	59.4	32.9	20.4	45.3	40.3	19.1	61.4	3.4	-4.0	10.8	10.5	-3.5	24.5	20.2	15.1	25.3	39.8	28.3	51.2	
		h	17.3	9.5	25.0	45.5	25.0	65.9	20.4	11.1	29.7	48.3	29.8	66.9	15.4	8.2	22.5	25.3	13.4	37.3	15.8	6.0	25.5	38.3	17.6	59.0	
	Bremen	l	-4.8	-13.0	3.5	57.5	-5.5	120.5	3.2	-7.9	14.3	36.9	1.9	71.8	-5.2	-13.1	2.7	1.7	-41.9	45.4	14.1	1.8	26.4	15.9	2.5	29.4	
		m	-0.5	-6.5	5.6	44.8	3.3	86.4	6.6	-1.6	14.8	34.2	6.0	62.3	1.9	-3.6	7.4	17.7	-12.2	47.6	14.8	6.7	23.0	14.2	4.4	24.0	
		h	15.1	5.1	25.1	20.4	-6.3	47.1	18.9	3.1	34.8	27.9	-0.2	56.0	13.4	3.7	23.2	36.2	-0.4	72.8	15.8	0.4	31.3	11.8	-4.4	28.1	
	Cologne	l	9.3	-10.0	28.6	20.0	-3.0	43.0	-	-	-	-	-	-	-2.6	-9.4	4.2	35.8	-	119.4	190.9	24.1	4.9	43.3	56.4	24.5	88.3
		m	16.9	5.3	28.4	39.1	20.7	57.5	-	-	-	-	-	-	-0.7	-5.4	4.0	66.9	-21.8	155.5	19.1	8.6	29.6	51.6	30.8	72.4	
		h	26.3	11.5	41.0	81.3	46.9	115.7	-	-	-	-	-	-	4.2	-4.1	12.6	91.3	36.2	146.4	16.9	3.7	30.0	45.6	21.4	69.8	
	Dortmund	l	-5.8	-20.7	9.0	20.8	-8.5	50.1	0.4	-13.8	14.7	3.4	-22.2	29.1	-6.7	-12.9	-0.6	27.6	-34.9	90.1	22.9	7.5	38.3	16.3	-11.9	44.4	
		m	8.2	-2.9	19.2	26.6	3.5	49.8	6.8	-3.7	17.4	19.8	4.3	35.4	4.4	-1.2	10.0	27.9	-9.7	65.5	28.1	17.4	38.9	33.6	11.3	55.9	
		h	40.6	22.5	58.8	38.1	10.8	65.4	22.4	4.5	40.3	27.2	2.8	51.5	23.6	14.1	33.0	56.2	8.9	103.4	34.5	22.1	47.0	60.3	31.6	88.9	
	Dresden	l	-3.2	-15.3	8.9	13.8	-11.6	39.3	4.9	-16.8	26.6	8.6	-17.9	35.2	-6.7	-13.0	-0.3	122.4	-	450.6	695.3	14.8	0.4	29.3	14.0	-3.6	31.5
		m	5.2	-3.1	13.5	9.8	-9.2	28.8	8.9	-6.7	24.5	6.7	-13.4	26.7	-1.1	-6.4	4.1	63.2	-	104.9	231.3	14.0	4.3	23.7	6.4	-4.6	17.3
		h	23.7	6.6	40.9	2.0	-19.1	23.1	20.1	-0.3	40.6	1.7	-21.6	25.1	5.9	-1.8	13.7	-2.1	-41.8	37.7	12.1	-3.7	28.0	-3.7	-20.6	13.2	
	Dusseldorf	l	-7.6	-19.0	3.9	73.9	11.5	136.4	-7.1	-31.0	16.8	68.5	-59.9	196.9	4.9	-4.9	14.8	14.2	-9.6	38.1	-4.6	-19.6	10.4	77.3	29.8	124.8	
m		-2.4	-9.0	4.2	66.4	26.3	106.5	-1.3	-17.4	14.7	61.3	-12.9	135.4	9.5	2.5	16.5	15.3	-0.5	31.1	11.2	1.3	21.0	59.5	31.9	87.2		
h		22.1	8.4	35.7	50.2	11.3	89.0	37.0	8.1	65.8	55.4	-4.7	115.5	18.9	6.2	31.5	29.8	1.4	58.3	32.4	16.2	48.6	38.1	9.0	67.1		

Country	City		PM ₁₀						PM _{2.5}						O ₃						NO ₂					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
	Essen	l	17.9	3.8	32.0	41.3	17.1	65.6	27.2	2.4	51.9	49.6	19.3	79.8	-	-	-	-	-	-	33.9	16.4	51.3	57.9	26.3	89.5
		m	21.2	10.0	32.4	42.9	23.9	61.9	26.1	9.0	43.1	47.6	25.8	69.4	-	-	-	-	-	-	28.2	17.6	38.9	51.8	31.7	71.8
		h	27.9	16.9	38.9	46.1	25.6	66.6	23.8	2.7	44.9	43.5	12.4	74.6	-	-	-	-	-	-	21.4	9.4	33.5	44.2	20.2	68.2
	Frankfurt	l	-6.4	-23.9	11.2	15.3	-1.2	31.8	-0.1	-23.8	23.5	-0.9	-20.4	18.7	-3.3	-12.3	5.8	4.3	-10.1	18.7	30.3	10.7	50.0	27.9	-8.0	63.9
		m	-3.3	-15.4	8.8	21.9	7.9	35.8	6.8	-11.2	24.7	10.0	-6.6	26.5	-2.1	-7.7	3.5	13.2	0.4	26.1	22.8	11.4	34.2	36.2	12.6	59.9
		h	12.2	-0.1	24.6	43.3	20.1	66.6	20.6	4.8	36.5	32.9	11.1	54.8	5.7	-4.0	15.4	27.5	9.1	45.9	13.9	1.1	26.8	35.1	-0.4	70.6
	Hamburg	l	-7.4	-11.5	-3.3	-12.1	-22.5	-1.8	-1.7	-6.9	3.4	-0.7	-41.6	40.3	2.2	-21.5	26.0	15.3	-24.6	55.2	4.7	-2.1	11.5	3.9	-19.8	27.5
		m	-2.6	-5.8	0.5	-2.0	-10.1	6.1	1.6	-2.2	5.5	7.1	-14.3	28.4	11.3	-2.4	25.0	3.4	-15.4	22.2	10.6	5.7	15.5	27.9	8.7	47.1
		h	9.4	5.1	13.8	16.3	4.4	28.1	8.0	3.4	12.7	12.9	-14.8	40.7	15.4	6.4	24.4	54.8	22.9	86.8	17.0	9.7	24.2	3.2	-22.5	28.9
	Hannover	l	12.3	1.6	23.1	26.9	2.0	51.8	-1.7	-16.0	12.5	5.4	-6.9	17.8	2.1	-11.0	15.3	13.8	-66.1	93.7	19.9	8.6	31.3	26.5	-3.8	56.7
		m	14.5	6.0	23.1	32.2	11.9	52.5	4.4	-3.8	12.6	7.7	-2.6	18.0	3.2	-6.0	12.3	17.4	-29.7	64.5	19.9	12.5	27.3	41.3	20.4	62.1
		h	20.7	12.0	29.5	47.5	24.4	70.6	19.6	6.7	32.6	13.0	-0.1	26.1	4.4	-2.6	11.5	25.4	-0.6	51.4	17.0	6.0	27.9	66.4	25.1	107.7
	Leipzig	l	18.4	0.9	35.9	70.2	-25.7	166.0	5.1	-12.4	22.6	57.9	-55.8	171.5	17.4	-20.6	55.4	41.6	-66.5	149.7	34.8	18.7	50.9	57.2	-2.6	117.1
		m	24.8	11.4	38.2	66.8	3.5	130.1	14.5	1.1	27.9	53.6	-22.6	129.7	24.8	-1.1	50.8	51.9	-20.5	124.2	32.8	22.8	42.9	60.4	23.2	97.5
		h	39.0	25.5	52.6	60.2	3.5	117.0	40.9	21.2	60.6	42.3	-27.1	111.7	35.0	19.8	50.2	57.9	8.6	107.1	29.6	10.8	48.4	63.7	-16.0	143.4
	Munich	l	-4.9	-10.9	1.1	10.5	-11.2	32.2	2.5	-3.0	8.0	-5.9	-34.8	23.0	3.3	-10.3	17.0	-11.4	-35.8	13.0	-0.4	-9.4	8.5	15.9	-1.5	33.3
		m	-2.4	-6.7	1.9	15.9	-1.1	33.0	3.8	-0.3	7.9	2.9	-17.6	23.5	7.1	-1.6	15.7	2.4	-14.5	19.2	4.3	-1.6	10.2	14.6	2.5	26.7
		h	4.0	-3.8	11.8	26.3	5.6	47.0	6.1	0.6	11.6	22.5	-9.0	54.0	5.6	-2.8	14.0	16.8	-4.4	38.0	14.3	4.6	24.0	12.9	-3.4	29.1
	Nuremberg	l	-4.7	-11.8	2.4	11.8	-8.6	32.2	1.8	-6.5	10.1	10.7	-7.6	28.9	-	-	-	-	-	-	25.6	4.4	46.9	1.5	-19.4	22.5
		m	-0.7	-6.4	5.0	18.7	1.8	35.7	3.4	-2.8	9.6	17.0	2.1	31.8	-	-	-	-	-	-	21.6	7.4	35.8	19.0	0.8	37.2
		h	6.4	-1.4	14.3	31.2	5.9	56.4	6.9	-1.0	14.8	30.6	9.9	51.3	-	-	-	-	-	-	16.0	-2.9	34.9	49.9	13.9	86.0
	Stuttgart	l	19.6	-6.8	46.1	1.0	-29.3	31.4	4.3	-14.7	23.4	37.2	-29.7	104.0	3.9	-7.1	14.8	-10.2	-28.4	8.0	30.8	13.2	48.5	-1.2	-30.8	28.3
		m	24.8	5.7	44.0	12.5	-12.6	37.5	19.1	5.4	32.8	10.9	-25.1	46.8	5.2	-2.4	12.9	10.6	-6.7	27.9	31.4	19.1	43.7	12.9	-11.5	37.4
		h	36.0	21.6	50.3	43.3	7.7	78.9	44.1	23.4	64.8	-22.7	-55.6	10.3	41.1	24.6	57.7	37.6	9.8	65.3	32.1	20.0	44.2	36.1	6.4	65.7
Greece	Athens	l	19.8	8.7	30.8	29.6	9.2	50.0	18.7	6.7	30.7	28.5	10.9	46.2	27.1	16.0	38.3	13.1	-25.3	51.5	50.8	30.8	70.8	27.4	13.5	41.3

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		h	21.4	-10.0	52.7	16.5	-29.6	62.5	14.3	-5.3	34.0	103.6	-481.5	688.7	22.6	-8.7	53.9	98.8	-96.7	294.4	14.0	-46.2	74.2	43.7	-2305.9	2393.2
	Latina	l	18.3	-1.5	38.0	45.8	-15.4	107.0	14.2	-3.9	32.4	43.4	-27.2	114.0	2.4	-10.2	15.0	-17.8	113.5	78.0	12.9	-12.6	38.5	-67.2	1232.8	1098.4
		m	18.9	3.1	34.7	22.4	-17.8	62.6	16.6	2.2	31.1	22.5	-19.8	64.8	5.1	-3.5	13.8	-17.4	-75.0	40.3	14.7	-5.0	34.4	-42.6	151.5	66.3
		h	20.0	1.6	38.3	-10.3	-49.3	28.7	20.4	3.1	37.6	-2.3	-51.6	47.0	7.3	-5.3	20.0	12.5	-79.0	104.0	17.4	-11.5	46.3	259.7	2409.4	2461.3
	Palermo	l	1.1	-10.2	12.4	24.8	7.1	42.6	-6.7	-22.1	8.6	14.8	-6.7	36.3	-29.8	-53.8	-5.8	6.4	-10.6	23.5	-9.9	-29.1	9.3	14.1	-6.8	35.1
		m	-0.2	-9.2	8.9	12.7	-0.5	25.9	-4.3	-14.9	6.4	7.7	-5.5	20.9	11.1	-10.7	32.8	7.2	-5.3	19.7	-0.4	-13.7	12.8	12.6	-3.0	28.2
		h	-3.0	-12.5	6.5	17.4	-0.9	35.6	-2.4	-14.6	9.8	19.4	-6.3	45.2	-7.1	-34.5	20.2	7.9	-6.9	22.8	10.3	-12.1	32.7	11.1	-10.4	32.6
	Rieti	l	-3.0	-21.6	15.6	3.5	224.4	231.5	-5.9	-24.4	12.7	29.8	-79.9	139.5	6.5	-27.5	40.6	-2.7	104.0	98.7	21.3	-50.6	93.3	67.1	-96.8	231.1
		m	8.7	-6.6	24.0	98.7	-57.4	254.9	5.7	-9.6	21.0	34.8	-37.6	107.1	13.4	-9.6	36.4	15.3	-51.2	81.8	14.0	-28.4	56.5	114.8	-23.2	252.7
		h	27.8	2.3	53.4	-4.6	123.6	114.5	23.7	-0.8	48.1	35.3	-49.2	119.8	20.3	-8.1	48.8	35.3	-44.4	114.9	5.8	-58.8	70.4	124.4	-128.3	377.1
	Roma	l	7.2	1.0	13.4	24.0	9.6	38.4	4.2	-2.2	10.6	19.4	3.2	35.7	8.4	-5.7	22.5	0.2	-9.7	10.2	15.2	4.6	25.8	30.2	8.9	51.5
		m	9.5	4.9	14.1	25.5	14.6	36.4	7.9	3.4	12.4	22.8	11.3	34.3	16.1	8.5	23.8	9.6	2.7	16.4	17.2	10.2	24.2	21.4	7.6	35.1
		h	13.2	7.9	18.4	27.8	15.4	40.3	13.6	8.2	18.9	27.9	14.0	41.8	18.6	10.5	26.7	19.5	8.2	30.9	20.0	5.8	34.2	10.2	-12.3	32.7
	Viterbo	l	-5.7	-18.3	6.9	43.1	124.8	211.0	-10.4	-22.6	1.8	60.2	-84.9	205.4	1.8	-16.9	20.5	70.2	143.7	284.2	-1.8	-21.5	17.8	228.8	9.7	447.9
		m	1.1	-10.4	12.6	107.4	1.9	213.0	-0.9	-12.0	10.2	110.0	18.1	201.9	2.6	-11.4	16.5	139.9	8.9	270.9	6.9	-10.2	24.1	213.9	63.7	364.1
		h	11.4	-5.5	28.4	255.5	74.7	436.3	12.7	-3.5	28.8	206.4	63.5	349.4	6.5	-16.9	30.0	247.9	40.3	455.5	22.6	-4.7	49.9	185.2	-91.4	461.8
Japan	Aikita	l	-15.1	-29.6	-0.6	-6.7	-20.5	7.2	-15.0	-27.9	-2.2	0.5	-17.3	18.3	-11.7	-22.9	-0.5	-11.6	-28.0	4.7	-13.2	-23.4	-3.1	-2.8	-17.3	11.8

Country	City		PM10					PM2.5					O3					NO2							
			CVD		RD			CVD		RD			CVD		RD			CVD		RD					
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI		
Aomori	m	-16.0	-28.0	-3.9	-5.8	-19.0	7.4	-13.1	-24.9	-1.3	1.0	-15.9	17.9	-11.0	-	-1.7	-7.8	-21.3	5.8	-8.5	-17.8	0.9	-5.7	-18.1	6.8
	h	-7.3	-28.6	14.0	-3.1	-23.0	16.8	-1.9	-22.3	18.6	2.6	-24.0	29.2	-9.8	-	4.8	9.0	-16.3	34.3	-2.1	-14.8	10.6	-9.2	-24.6	6.3
	l	2.4	-17.6	22.4	2.7	-24.0	29.5	-10.8	-30.4	8.9	19.5	-21.5	60.4	7.2	-	27.8	25.5	-9.8	60.7	11.1	-5.6	27.8	10.9	-13.7	35.5
	m	2.3	-16.0	20.6	6.2	-20.6	33.0	-10.7	-29.1	7.7	25.5	-15.3	66.3	7.8	-9.9	25.5	25.7	-4.6	55.9	9.8	-5.6	25.2	10.5	-12.1	33.2
Chiba	h	9.8	-15.2	34.9	17.3	-19.0	53.6	-4.8	-29.6	20.0	49.8	-10.5	110.0	8.5	-	31.4	25.9	-13.9	65.8	7.6	-12.9	28.1	9.8	-20.7	40.2
	l	12.6	0.4	24.7	0.7	-13.7	15.1	12.6	0.4	24.7	0.7	-13.6	15.0	1.6	-5.0	8.1	-2.7	-17.7	12.2	1.6	-4.2	7.3	0.3	-14.2	14.8
	m	5.0	-1.8	11.9	-2.1	-13.7	9.5	5.0	-1.8	11.9	-2.1	-13.7	9.5	3.4	-1.8	8.5	-3.5	-13.9	6.9	2.9	-2.3	8.0	-4.6	-15.5	6.3
Fukushima	h	7.1	-3.0	17.1	-10.2	-26.7	6.3	7.1	-3.0	17.1	-10.2	-26.6	6.3	5.3	-2.8	13.4	-4.3	-17.6	9.0	5.2	-2.1	12.5	-12.7	-26.6	1.2
	l	-0.4	-14.5	13.7	-5.9	-38.0	26.2	-8.4	-40.1	23.2	-0.3	-69.4	68.7	-2.4	-	12.2	7.7	-15.7	31.0	-5.1	-18.1	7.9	10.2	-13.5	34.0
Fukuoka	m	-2.5	-14.4	9.5	6.2	-16.1	28.5	1.8	-28.0	31.7	-3.5	-53.6	46.6	-3.4	-	7.8	5.6	-12.1	23.4	-5.1	-15.3	5.0	8.8	-8.8	26.5
	h	-6.0	-20.3	8.4	-5.6	-28.8	17.7	25.6	-20.0	71.3	-9.5	-63.3	44.3	-5.5	-	13.4	3.0	-27.8	33.8	-5.2	-18.4	8.0	2.5	-20.1	25.0
	l	29.2	6.1	52.2	0.2	-7.4	7.8	29.2	6.1	52.2	0.2	-7.4	7.8	17.6	-1.9	37.1	-0.5	-9.2	8.2	13.0	-0.6	26.7	0.1	-7.3	7.5
	m	21.9	5.0	38.8	1.0	-6.1	8.0	21.9	4.9	38.8	1.0	-6.1	8.0	12.5	-1.3	26.3	1.2	-5.8	8.2	14.0	1.5	26.5	0.4	-6.6	7.4
Fukui	h	7.7	-13.0	28.5	2.8	-5.6	11.2	7.7	-13.1	28.5	2.8	-5.6	11.1	0.3	-	22.6	3.1	-8.0	14.2	15.0	-7.6	37.6	0.8	-10.3	12.0
	l	-4.3	-16.1	7.5	3.9	-11.7	19.5	-4.3	-16.1	7.5	3.9	-11.7	19.5	2.0	-	15.0	-3.6	-18.4	11.1	-11.8	-32.0	8.5	2.7	-14.6	19.9
	m	7.9	-3.4	19.2	6.0	-8.2	20.1	7.9	-3.4	19.2	6.0	-8.2	20.2	6.2	-3.9	16.4	3.0	-9.9	15.9	8.3	-10.7	27.3	1.5	-12.5	15.6
Gifu	h	5.4	-9.7	20.4	4.6	-13.8	22.9	5.4	-9.7	20.4	4.6	-13.9	23.0	10.9	-7.3	29.1	13.1	-11.2	37.3	32.7	-14.8	80.1	0.9	-21.9	23.6
	l	-2.3	-16.9	12.4	26.8	-39.1	92.7	-2.3	-16.9	12.4	26.8	-39.0	92.7	6.9	-	29.5	49.8	-15.4	115.1	9.4	-3.2	22.1	53.7	4.9	102.5
Hiroshima	m	2.6	-10.6	15.8	44.1	0.2	88.0	2.6	-10.6	15.8	44.1	0.0	88.2	12.2	-3.3	27.8	42.1	9.5	74.7	1.8	-9.1	12.7	42.0	1.2	82.7
	h	12.1	-5.5	29.7	55.9	-6.4	118.2	12.1	-5.5	29.8	55.9	-6.8	118.5	16.5	-5.7	38.7	34.4	-10.9	79.8	-7.6	-22.1	7.0	25.8	-58.5	110.2
	l	3.0	-9.8	15.8	15.3	-0.5	31.1	3.0	-9.9	15.9	15.3	-0.5	31.0	5.1	-9.1	19.3	6.8	-36.7	50.3	26.9	-11.3	65.1	9.7	-2.2	21.6
	m	6.1	-4.4	16.7	5.1	-5.6	15.9	6.1	-4.4	16.7	5.1	-5.6	15.9	8.9	-1.4	19.2	9.8	-18.2	37.8	15.3	-8.8	39.4	7.5	-2.7	17.7
	h	10.7	-3.4	24.8	2.1	-10.7	15.0	10.7	-3.3	24.7	2.1	-10.7	15.0	11.0	-2.8	24.8	0.5	-30.7	31.6	27.9	-	171.6	4.7	-9.9	19.2

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
	Kagoshima	l	4.7	-1.9	11.2	4.5	-5.5	14.4	4.7	-1.9	11.2	4.5	-5.5	14.4	6.7	-1.8	15.2	3.7	-10.4	17.8	-23.7	-43.7	-3.8	0.6	-8.1	9.3
		m	4.0	-2.0	10.0	2.1	-6.7	10.8	4.0	-2.0	10.1	2.1	-6.6	10.7	5.6	-1.0	12.2	3.1	-8.6	14.8	5.5	-21.7	32.7	4.8	-3.4	13.1
		h	2.7	-3.7	9.1	-1.6	-14.8	11.5	2.7	-3.7	9.1	-1.6	-14.9	11.6	4.6	-4.2	13.4	2.5	-15.2	20.3	67.0	-54.5	188.5	11.4	-2.6	25.5
	Kumamoto	l	35.6	3.1	68.1	-3.3	-11.5	4.9	-43.9	-92.0	4.3	-4.4	-21.6	12.8	3.7	-6.3	13.7	0.6	-35.1	36.3	17.7	-14.1	49.4	-2.4	-11.1	6.3
		m	17.9	-2.6	38.3	-1.7	-9.3	5.9	-2.4	-45.4	40.6	1.8	-13.2	16.8	0.4	-5.9	6.6	-4.9	-36.1	26.4	30.8	-17.9	79.5	-1.1	-9.1	6.9
		h	-9.9	-37.6	17.8	1.5	-7.7	10.8	101.1	-13.7	215.8	13.1	-12.3	38.6	-1.0	-11.1	9.0	-0.6	-82.3	81.1	30.6	396.2	457.3	0.9	-10.4	12.3
	Kazawa	l	0.5	-9.0	10.0	-8.9	-20.2	2.3	-0.8	-14.2	12.6	-5.3	-24.0	13.5	3.7	-6.3	13.6	-13.8	-27.2	-0.3	4.5	-5.0	13.9	-10.7	-21.7	0.3
		m	-0.1	-9.1	9.0	-8.2	-19.1	2.7	-1.5	-14.5	11.6	-9.4	-26.9	8.1	4.1	-4.5	12.7	-9.2	-20.3	1.9	2.9	-5.6	11.4	-6.3	-16.6	4.0
		h	-1.3	-13.1	10.4	-6.5	-21.3	8.4	-3.5	-24.6	17.6	-20.9	-46.5	4.8	4.7	-10.2	19.6	3.6	-17.4	24.5	0.5	-11.7	12.8	-3.5	-19.8	12.8
	Kobe	l	1.6	-9.2	12.4	-12.6	-24.5	-0.7	1.6	-9.2	12.3	-12.6	-24.4	-0.8	0.6	-13.2	14.5	-2.5	-14.2	9.2	4.4	-3.9	12.7	-2.2	-8.4	3.9
		m	2.7	-6.7	12.1	-14.0	-23.6	-4.4	2.7	-6.7	12.2	-14.0	-23.5	-4.4	4.3	-4.4	13.0	-3.4	-10.6	3.8	5.3	-1.3	12.0	-1.4	-7.0	4.3
		h	5.7	-5.2	16.6	-13.5	-26.7	-0.4	5.7	-5.2	16.7	-13.5	-26.7	-0.4	7.9	-2.7	18.5	-1.6	-11.4	8.1	6.6	-2.7	15.9	-0.2	-7.8	7.5
	Kochi	l	-6.7	-17.2	3.7	7.7	-32.7	48.2	-7.5	-20.5	5.6	-11.0	-68.7	46.6	0.0	-13.2	13.2	-5.9	-31.9	20.0	-0.2	-14.7	14.2	6.9	-16.0	29.8
		m	-5.4	-15.2	4.5	3.0	-26.9	32.9	-7.1	-19.3	5.1	-6.6	-54.5	41.3	-1.6	-11.0	7.8	6.0	-13.5	25.5	-2.8	-13.2	7.5	10.7	-7.9	29.3
		h	-1.5	-12.9	9.9	-0.8	-36.4	34.8	-6.0	-21.6	9.7	8.1	-38.2	54.4	-2.9	-15.2	9.4	12.2	-16.0	40.4	-2.0	-16.1	12.2	14.9	-13.4	43.3
	Kofu	l	23.5	-25.7	72.7	3.1	-15.2	21.4	23.5	-25.6	72.5	3.1	-15.3	21.5	8.5	-41.4	58.4	-13.1	-30.8	4.6	-9.5	-42.8	23.7	8.8	-8.9	26.4
		m	17.4	-20.4	55.3	1.1	-15.4	17.6	17.4	-20.3	55.2	1.1	-15.5	17.7	6.2	-20.4	32.9	1.1	-13.9	16.1	2.0	-23.2	27.1	4.0	-11.5	19.5
		h	6.1	-25.1	37.3	-2.9	-22.2	16.4	6.1	-25.2	37.3	-2.9	-22.3	16.5	3.7	-37.8	45.3	19.8	-6.0	45.5	21.6	-50.0	93.3	-4.1	-24.5	16.2
	Kyoto	l	13.7	-1.8	29.2	9.0	-0.3	18.3	13.7	-1.8	29.2	9.0	-0.2	18.3	2.4	-9.3	14.1	1.2	-8.5	10.9	12.1	1.1	23.1	9.9	2.5	17.3
		m	13.3	0.4	26.1	7.7	-1.1	16.6	13.3	0.4	26.1	7.7	-1.1	16.6	9.3	0.6	17.9	7.0	0.0	13.9	10.1	2.2	18.1	4.8	-1.3	10.9
		h	12.1	-1.4	25.6	4.3	-7.4	15.9	12.1	-1.4	25.6	4.3	-7.4	15.9	12.9	1.1	24.6	1.4	-8.2	11.0	7.5	-3.2	18.1	-1.9	-9.4	5.7
	Matsue	l	0.3	-45.5	46.1	3.8	-17.4	25.0	0.3	-45.5	46.1	3.8	-17.5	25.0	31.9	-22.0	85.8	-4.8	-26.2	16.6	34.7	-23.6	93.1	-0.4	-19.9	19.0
		m	10.2	-27.7	48.0	7.8	-12.4	27.9	10.2	-27.7	48.1	7.8	-12.4	28.0	14.7	-17.7	47.1	-0.1	-17.6	17.4	24.6	-13.2	62.4	5.1	-13.1	23.3

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
	Maebashi	h	37.3	-18.4	93.1	17.5	-10.7	45.7	37.3	-18.6	93.2	17.5	-10.7	45.6	-3.9	-60.9	53.1	32.9	-8.0	73.8	9.1	-59.4	77.6	11.1	-15.9	38.1
		l	61.5	-20.8	143.8	11.4	-32.7	55.5	61.5	-20.9	143.9	11.4	-32.3	55.2	7.4	-41.1	55.8	7.4	-14.1	28.9	24.6	-11.0	60.2	20.7	0.6	40.8
		m	51.4	6.1	96.7	19.2	-10.6	48.9	51.4	6.2	96.6	19.2	-10.4	48.7	21.3	-8.9	51.5	8.3	-8.6	25.2	26.5	3.9	49.2	7.4	-6.9	21.6
	Mito	h	36.8	-4.7	78.2	19.8	-18.0	57.6	36.8	-4.9	78.4	19.8	-17.8	57.4	15.9	-16.3	48.1	9.5	-13.9	33.0	15.9	-19.5	51.4	-3.7	-21.1	13.7
		l	16.1	-0.3	32.4	6.4	-13.2	25.9	4.7	-35.0	44.5	2.8	-20.2	25.8	14.8	-3.4	33.0	3.0	-18.1	24.1	10.6	-5.2	26.4	0.2	-18.9	19.2
		m	12.5	-1.7	26.7	10.4	-8.1	28.8	29.2	2.3	56.1	9.0	-13.5	31.4	8.8	-4.6	22.2	3.7	-13.0	20.3	10.1	-2.2	22.5	6.8	-9.2	22.8
	Morioka	h	4.7	-13.9	23.2	20.2	-8.0	48.4	-7.6	-46.5	31.3	24.6	-10.7	60.0	-1.7	-20.1	16.8	10.0	-16.7	36.8	9.5	-7.6	26.6	16.8	-8.1	41.6
		l	5.7	-8.3	19.8	-18.5	-51.7	14.7	5.7	-8.4	19.8	-18.5	-51.6	14.7	3.6	-10.0	17.2	-4.7	-32.6	23.1	-0.3	-12.2	11.5	-13.0	-28.1	2.2
		m	4.3	-8.4	16.9	-11.3	-36.7	14.1	4.3	-8.4	17.0	-11.3	-36.6	14.0	-3.3	-13.6	7.1	-10.0	-30.7	10.8	-0.2	-10.8	10.4	-5.6	-20.2	9.0
	Matsuyama	h	1.7	-14.4	17.8	-17.0	-48.0	13.9	1.7	-14.4	17.8	-17.0	-48.0	13.9	-13.2	-29.2	2.9	-17.6	-50.9	15.7	0.0	-13.8	13.9	11.0	-12.2	34.1
		l	17.9	-4.2	40.0	3.1	-13.4	19.6	17.9	-4.2	40.0	3.1	-13.5	19.6	15.6	-5.6	36.9	3.8	-14.8	22.5	7.4	-1.2	15.9	1.7	-14.5	18.0
		m	17.7	-0.5	35.9	1.1	-13.0	15.3	17.7	-0.5	35.9	1.1	-13.1	15.4	13.3	-2.7	29.4	0.2	-13.5	13.9	2.1	-5.1	9.3	2.2	-11.8	16.1
	Miyazaki	h	16.9	-3.0	36.9	-2.3	-15.7	11.2	16.9	-3.0	36.8	-2.3	-15.8	11.3	6.7	-14.7	28.2	-3.6	-23.2	16.0	-8.3	-19.6	3.1	2.7	-22.0	27.5
		l	14.8	-17.1	46.6	-7.7	-42.2	26.9	14.8	-17.2	46.7	-7.7	-42.2	26.9	31.7	-1.7	65.1	-4.0	-31.4	23.4	4.8	-19.9	29.6	-2.8	-37.3	31.7
		m	15.9	-7.1	38.8	-9.4	-36.2	17.4	15.9	-7.2	38.9	-9.4	-36.3	17.5	18.5	-1.8	38.8	-5.1	-24.8	14.7	13.1	-8.9	35.0	-4.9	-31.4	21.7
	Nagano	h	17.7	-28.4	63.9	-13.2	-46.9	20.6	17.7	-28.1	63.5	-13.2	-46.8	20.5	-0.3	-29.3	28.8	-6.5	-38.4	25.4	18.0	-19.8	55.9	-7.0	-51.9	38.0
		l	71.3	13.6	129.0	10.8	-2.9	24.5	71.3	13.4	129.2	10.8	-2.9	24.5	61.2	7.8	114.5	12.5	-3.1	28.1	47.6	11.4	83.8	19.7	5.0	34.4
		m	56.3	20.8	91.8	13.6	0.9	26.3	56.3	20.8	91.8	13.6	0.8	26.3	53.6	11.3	95.9	12.3	0.7	24.0	33.3	10.0	56.6	11.3	-0.3	23.0
	Nagoya	h	32.0	-8.8	72.8	18.9	2.7	35.2	32.0	-8.7	72.7	18.9	2.7	35.1	-13.3	-56.9	30.3	12.1	-7.4	31.6	12.4	-24.6	49.4	2.8	-12.5	18.1
		l	-5.4	-21.8	10.9	-0.5	-9.8	8.8	-5.4	-21.8	10.9	-0.5	-9.9	8.8	20.0	-4.0	43.9	1.8	-6.7	10.3	23.5	4.9	42.1	3.9	-19.3	27.0
		m	3.1	-8.3	14.5	0.3	-7.7	8.3	3.1	-8.3	14.5	0.3	-7.7	8.3	16.5	3.9	29.1	2.3	-3.9	8.5	17.4	5.8	29.1	-6.3	-22.1	9.4
	Naha	h	30.7	10.7	50.7	2.0	-6.2	10.3	30.7	10.7	50.6	2.0	-6.2	10.3	13.4	-1.1	27.8	2.8	-5.3	10.9	8.8	-13.1	30.8	13.2	-39.6	66.0
		l	-15.4	-25.3	-5.4	4.6	-9.8	18.9	-7.9	-18.8	3.1	7.4	-8.7	23.6	-0.7	-12.1	10.8	6.1	-6.6	18.8	-0.8	-11.2	9.5	1.0	-10.5	12.6
		m	-8.2	-16.9	0.6	2.2	-8.8	13.2	-4.9	-14.2	4.4	6.2	-6.6	19.0	-2.6	-11.9	6.8	6.2	-4.2	16.7	-3.2	-11.3	4.9	1.6	-7.5	10.7

Country	City		PM10						PM2.5						O3					NO2						
			CVD			RD			CVD			RD			CVD			RD		CVD			RD			
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		h	4.2	-10.5	18.8	2.1	-12.7	17.0	-0.1	-13.5	13.3	10.1	-9.7	29.8	-6.8	-17.5	4.0	6.5	-4.2	17.2	-8.2	-18.0	1.6	3.0	-9.3	15.2
	Nara	l	16.3	-5.7	38.4	13.4	-21.5	48.2	3.4	-13.4	20.1	47.7	-13.2	108.6	-0.6	-14.1	12.9	-7.2	-21.2	6.8	12.9	-14.6	40.5	21.0	-21.0	63.0
		m	16.2	-2.4	34.8	13.2	-15.3	41.8	5.8	-9.3	20.9	43.0	-2.8	88.7	5.2	-6.0	16.3	-3.1	-14.4	8.2	16.7	-2.4	35.9	13.6	-13.0	40.2
	Nagasaki	h	15.8	-3.1	34.8	13.0	-16.5	42.5	11.3	-11.7	34.3	32.9	-17.3	83.1	12.0	-5.3	29.4	2.1	-13.9	18.2	15.5	-13.1	44.1	5.1	-27.4	37.5
		l	9.2	-1.3	19.7	-0.9	-10.5	8.7	13.4	-5.8	32.7	9.1	-11.5	29.6	-7.6	-23.8	8.6	10.6	-3.2	24.3	3.0	-15.2	21.3	-0.9	-11.6	9.8
		m	7.5	-1.8	16.8	0.3	-8.5	9.1	1.0	-14.1	16.2	0.7	-16.1	17.6	4.6	-5.1	14.3	4.3	-5.5	14.0	3.5	-11.0	17.9	0.4	-8.8	9.7
	Niigata	h	4.4	-8.2	17.0	2.9	-8.1	14.0	-18.9	-37.0	-0.7	-13.4	-34.9	8.1	15.4	-0.5	31.3	-0.8	-13.6	12.0	4.0	-22.4	30.4	2.3	-11.2	15.7
		l	-4.8	-13.7	4.1	-8.6	-23.8	6.6	-4.8	-13.6	4.0	-8.6	-23.8	6.5	-6.2	-14.4	2.1	-0.9	-15.4	13.6	-1.4	-8.6	5.9	-2.1	-15.7	11.5
		m	-6.7	-13.9	0.5	-6.3	-19.7	7.1	-6.7	-13.9	0.5	-6.3	-19.6	7.1	-5.2	-11.8	1.4	-1.2	-12.4	10.1	-3.6	-9.9	2.7	-2.4	-13.4	8.7
	Oita	h	-3.1	-12.9	6.7	0.1	-16.6	16.9	-3.1	-12.9	6.7	0.1	-16.6	16.9	8.4	-4.1	20.8	0.8	-19.4	20.9	-6.8	-14.6	1.1	-2.8	-18.1	12.6
		l	-5.7	-16.3	4.9	0.1	-12.5	12.7	-5.7	-16.3	4.8	0.1	-12.5	12.7	-2.6	-17.2	11.9	4.8	-12.3	21.9	-0.7	-12.4	11.0	-3.5	-16.3	9.2
		m	-3.9	-13.8	6.0	1.2	-10.4	12.9	-3.9	-13.7	5.9	1.2	-10.4	12.9	-3.8	-13.7	6.2	5.4	-6.1	16.9	-4.9	-14.4	4.5	3.7	-7.6	15.1
	Okayama	h	0.5	-11.3	12.3	3.9	-9.4	17.2	0.5	-11.3	12.2	3.9	-9.4	17.2	-4.8	-19.3	9.8	5.9	-11.0	22.7	-11.6	-24.6	1.4	17.0	-2.2	36.2
		l	5.6	-16.5	27.7	-9.0	-17.7	-0.3	4.9	-31.8	41.6	-9.1	-22.2	3.9	11.3	-10.8	33.3	-5.5	-15.8	4.7	38.3	6.6	70.1	-5.2	-14.7	4.2
		m	12.8	-4.7	30.3	-8.4	-16.5	-0.3	13.6	-15.9	43.2	-6.6	-17.9	4.6	17.5	1.8	33.2	-5.1	-12.9	2.7	30.2	10.8	49.6	-5.1	-12.9	2.7
	Osaka	h	28.1	4.4	51.9	-7.1	-16.5	2.3	37.3	5.1	69.4	5.4	-12.0	22.8	24.6	4.3	44.9	-3.8	-14.9	7.3	19.5	-7.0	46.0	-4.9	-14.7	4.9
		l	8.0	-0.8	16.8	13.8	-3.3	30.8	8.0	-0.8	16.8	13.8	-3.4	31.0	8.1	-1.4	17.6	25.4	7.5	43.2	11.0	2.0	20.0	8.1	3.4	12.8
		m	10.5	3.2	17.8	15.0	2.7	27.3	10.5	3.2	17.8	15.0	2.6	27.4	10.5	3.4	17.6	17.6	7.0	28.2	13.8	7.0	20.7	4.7	0.5	8.9
	Osaka	h	16.3	6.2	26.4	16.3	0.0	32.6	16.3	6.3	26.3	16.3	0.0	32.7	11.9	2.9	20.8	10.8	-0.9	22.5	13.9	1.4	26.4	0.0	-5.8	5.8
	Otsu	l	1.2	-15.3	17.6	-11.9	-29.8	6.1	-5.0	-24.6	14.5	-14.3	-33.4	4.8	-10.1	-22.9	2.8	8.2	-27.2	43.6	-2.1	-14.4	10.2	-2.1	-27.3	23.1
		m	3.3	-12.2	18.8	-9.0	-26.6	8.6	-3.9	-22.0	14.2	-10.7	-30.2	8.9	-2.9	-13.6	7.8	17.2	-10.0	44.3	1.5	-9.5	12.6	13.2	-8.6	35.0
	Saga	h	15.1	-8.1	38.4	-1.6	-25.7	22.4	5.0	-23.8	33.8	0.1	-30.7	30.9	14.5	-2.3	31.3	18.0	-22.7	58.6	10.2	-5.9	26.3	30.6	-17.6	78.8
		l	-2.9	-16.2	10.3	22.9	0.9	44.9	-9.4	-30.0	11.2	37.3	8.4	66.1	-7.6	-22.7	7.4	19.4	-5.9	44.7	1.9	-12.3	16.1	27.7	6.2	49.2
		m	-1.0	-13.0	11.1	23.4	5.6	41.2	-5.8	-23.8	12.2	34.3	9.9	58.6	-0.2	-11.9	11.4	25.3	7.6	43.0	0.4	-11.2	12.1	24.0	6.9	41.1

Country	City		PM10						PM2.5						O3					NO2						
			CVD			RD			CVD			RD			CVD			RD		CVD			RD			
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		h	3.5	-11.4	18.4	26.3	2.2	50.5	2.7	-22.3	27.7	29.3	-3.1	61.7	8.0	-	27.4	27.7	-1.1	56.4	-1.8	-17.6	13.9	17.8	-5.9	41.5
	Saitama	l	2.6	-3.4	8.6	13.1	-16.3	42.4	4.3	-4.3	12.8	5.7	-21.0	32.4	6.9	-3.4	17.1	-1.9	-10.0	6.1	5.8	-3.6	15.3	17.2	-12.1	46.5
		m	3.5	-2.2	9.2	16.0	-7.7	39.8	4.1	-3.6	11.7	10.1	-12.5	32.8	6.2	-1.5	13.9	-0.1	-7.2	6.9	7.5	0.4	14.7	12.0	-5.7	29.7
		h	5.7	-1.7	13.1	23.4	-2.3	49.1	5.1	-5.3	15.5	22.7	-3.6	49.0	5.1	-5.2	15.3	2.8	-8.6	14.2	10.1	-0.9	21.1	4.4	-27.7	36.5
	Sendai	l	-1.7	-14.3	10.9	15.8	-0.1	31.7	-1.7	-14.3	10.8	15.8	-0.1	31.7	-2.0	-	16.3	15.0	-0.9	31.0	12.4	-3.9	28.7	12.5	-1.5	26.6
		m	-0.6	-11.5	10.2	13.2	-1.0	27.4	-0.6	-11.5	10.2	13.2	-1.0	27.4	8.2	-5.3	21.8	9.6	-2.4	21.5	8.7	-2.6	20.1	10.0	-1.4	21.3
		h	1.9	-9.7	13.5	7.5	-8.7	23.6	1.9	-9.7	13.4	7.5	-8.7	23.6	16.2	-2.6	35.0	3.2	-13.1	19.6	3.3	-12.7	19.2	6.2	-7.8	20.2
	Shizuoka	l	5.8	-8.9	20.4	-3.0	-14.3	8.3	5.5	-8.9	19.9	-2.9	-13.8	8.0	3.4	-4.6	11.5	-6.7	-16.6	3.2	6.3	-1.0	13.5	-1.8	-11.0	7.4
		m	5.8	-5.7	17.2	-1.8	-12.6	9.0	5.6	-5.7	16.8	-1.8	-12.2	8.6	5.9	-0.3	12.0	3.0	-5.1	11.1	7.5	1.0	13.9	4.3	-4.2	12.8
		h	10.7	-8.4	29.8	1.7	-12.9	16.2	10.9	-8.4	30.1	1.6	-12.5	15.8	8.0	-0.5	16.5	12.2	0.4	23.9	8.9	0.4	17.4	12.3	0.2	24.4
	Sapporo	l	0.7	-4.6	6.0	1.6	-5.9	9.0	0.7	-4.6	6.0	1.6	-5.9	9.0	6.1	-3.5	15.8	2.4	-5.2	10.0	11.2	2.3	20.1	3.0	-4.7	10.7
		m	2.1	-2.9	7.1	0.7	-6.1	7.4	2.1	-2.9	7.1	0.7	-6.1	7.4	10.6	2.8	18.4	-0.2	-6.5	6.0	10.1	3.1	17.0	2.1	-4.1	8.3
		h	5.8	-0.7	12.2	-2.7	-10.8	5.5	5.8	-0.7	12.3	-2.7	-10.9	5.5	12.6	-1.0	26.2	-4.7	-14.2	4.8	8.2	-1.5	17.9	-0.1	-8.7	8.5
	Takamatsu	l	1.6	-12.3	15.5	13.4	-4.8	31.7	36.3	-21.6	94.2	11.8	-13.4	37.0	22.4	-	61.9	5.1	-11.4	21.6	27.2	-15.5	69.9	11.0	-4.2	26.1
		m	3.3	-8.9	15.5	2.4	-11.5	16.3	33.8	-10.1	77.7	6.6	-13.6	26.8	25.2	1.7	48.8	5.1	-6.4	16.5	23.8	-4.3	52.0	6.1	-6.0	18.3
		h	4.3	-11.8	20.4	-15.8	-31.1	-0.6	28.0	-10.2	66.2	-26.7	-48.1	-5.2	28.2	-9.0	65.4	5.0	-11.2	21.3	15.2	-32.5	62.9	-5.6	-20.7	9.4
	Tokushima	l	2.5	-11.3	16.3	5.7	-12.5	23.9	2.5	-11.3	16.2	5.7	-12.4	23.8	-4.9	-	11.3	25.0	1.8	48.2	0.6	-12.6	13.7	4.9	-10.0	19.7
		m	0.1	-12.5	12.8	-4.6	-18.2	9.0	0.1	-12.5	12.8	-4.6	-18.2	9.1	-1.2	-	9.9	5.5	-7.2	18.3	-1.5	-12.5	9.4	5.0	-7.7	17.6
		h	-6.9	-22.0	8.2	-3.1	-21.0	14.8	-6.9	-21.9	8.1	-3.1	-20.9	14.8	2.0	-	17.4	-8.0	-23.0	7.1	-4.3	-19.0	10.4	5.1	-12.4	22.6
	Tokyo	l	5.3	-0.4	11.1	0.8	-6.9	8.5	5.3	-0.4	11.1	0.8	-6.9	8.5	6.4	0.3	12.5	-1.3	-10.9	8.3	14.1	6.2	22.0	-1.6	-9.6	6.4
		m	6.9	2.1	11.7	0.2	-5.9	6.2	6.9	2.1	11.7	0.2	-5.9	6.2	8.9	4.3	13.5	-0.7	-7.3	6.0	13.9	8.9	18.9	-0.6	-6.0	4.7
		h	10.8	5.9	15.6	-1.8	-8.0	4.5	10.8	5.9	15.6	-1.8	-8.0	4.5	12.4	7.6	17.2	-2.4	-9.8	5.0	13.9	6.2	21.6	0.7	-7.3	8.8
	Toyama	l	34.0	0.2	67.9	9.8	-3.1	22.6	34.7	-0.2	69.6	11.9	-3.4	27.2	31.8	1.3	62.3	12.4	-0.8	25.5	18.9	-3.5	41.3	6.0	-5.4	17.4
		m	27.9	3.2	52.6	10.9	-0.9	22.8	27.1	1.2	53.0	13.0	-1.7	27.8	20.3	0.5	40.1	8.4	-2.8	19.6	19.7	0.6	38.9	8.3	-2.1	18.8
		h	13.6	-14.7	41.9	13.3	-4.1	30.7	7.8	-20.7	36.3	14.9	-9.0	38.8	5.3	-	39.8	3.4	-15.2	21.9	21.0	-14.3	56.3	11.6	-3.7	27.0

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
	Tsu	l	16.3	-13.5	46.1	11.2	-9.4	31.9	16.3	-13.4	46.0	11.2	-9.4	31.8	4.0	-34.6	42.6	9.7	-14.2	33.6	7.7	-17.5	32.8	15.7	-4.9	36.3
		m	18.7	-6.3	43.6	12.4	-6.7	31.5	18.7	-6.2	43.6	12.4	-6.6	31.4	15.5	-8.2	39.2	10.0	-7.0	27.0	12.2	-7.5	32.0	11.9	-5.4	29.2
		h	22.8	-4.3	49.9	14.9	-5.9	35.6	22.8	-4.2	49.8	14.9	-5.8	35.6	25.7	-5.9	57.3	10.2	-11.7	32.1	20.7	-12.1	53.6	5.5	-16.1	27.0
	Tottori	l	6.8	-45.8	59.5	29.3	134.4	193.0	6.8	-45.7	59.4	29.3	135.8	194.4	9.3	-34.6	53.2	-11.1	-71.5	49.3	-4.4	-44.2	35.4	9.7	-98.1	117.5
		m	5.8	-40.1	51.7	-2.2	-94.4	90.0	5.8	-39.9	51.5	-2.2	-94.8	90.4	-5.4	-42.8	32.0	-49.1	-81.3	-16.9	-3.4	-38.4	31.6	-40.0	-84.2	4.2
		h	-1.7	-67.5	64.1	-56.3	138.9	26.3	-1.7	-67.4	64.0	-56.3	139.6	26.9	-21.0	-87.7	45.8	-74.5	-112.6	-36.3	-2.6	-48.2	43.0	-62.4	107.2	-17.6
	Utsunomiya	l	7.2	-4.2	18.5	13.3	-2.0	28.7	17.5	-6.3	41.4	19.0	-60.9	98.8	8.7	-3.2	20.7	18.5	-42.6	79.7	5.9	-6.3	18.0	32.1	-45.2	109.4
		m	5.8	-4.1	15.7	12.3	-1.1	25.8	8.4	-9.7	26.5	11.1	-41.2	63.4	9.8	0.1	19.5	23.6	-14.4	61.6	9.2	-0.1	18.5	6.3	-27.2	39.8
		h	3.4	-8.4	15.2	10.4	-5.6	26.5	-1.9	-21.4	17.5	-3.2	-46.8	40.5	11.3	-2.7	25.3	12.1	-23.5	47.8	-0.7	-11.7	10.4	10.4	-52.3	73.2
	Wakayama	l	2.9	-6.3	12.1	5.5	-6.5	17.4	2.9	-6.3	12.1	5.5	-6.4	17.3	5.0	-10.6	20.6	4.6	-9.6	18.9	10.2	-4.6	25.1	20.3	2.9	37.7
		m	4.6	-4.2	13.4	7.6	-3.8	19.1	4.6	-4.2	13.4	7.6	-3.8	19.1	12.2	1.3	23.1	9.2	-1.2	19.7	13.7	1.9	25.5	4.3	-7.2	15.7
		h	8.6	-1.4	18.6	12.8	-0.9	26.4	8.6	-1.4	18.6	12.8	-0.9	26.4	17.8	3.0	32.7	12.8	-1.5	27.1	17.4	0.4	34.5	9.3	-6.5	25.1
	Yokohama	l	1.4	-1.7	4.6	-5.5	-19.3	8.3	1.4	-1.7	4.6	-5.5	-19.3	8.3	3.5	-4.7	11.8	-2.0	-6.5	2.5	1.9	-11.7	15.5	1.7	-6.9	10.3
		m	3.7	0.6	6.8	0.5	-9.3	10.3	3.7	0.6	6.8	0.5	-9.3	10.4	8.2	2.1	14.4	-0.3	-4.2	3.6	22.1	12.7	31.4	0.3	-6.0	6.6
		h	9.9	5.5	14.3	15.0	-2.8	32.7	9.9	5.5	14.3	15.0	-2.7	32.7	13.9	7.1	20.6	1.4	-4.6	7.5	47.3	21.2	73.5	-1.2	-10.4	8.0
	Yamaguchi	l	5.0	-13.2	23.2	17.2	-2.1	36.5	5.0	-13.2	23.2	17.2	-2.3	36.6	4.7	-18.0	27.4	11.6	-10.6	33.8	1.3	-16.5	19.1	20.5	-1.5	42.4
		m	4.4	-12.0	20.7	14.8	-2.7	32.3	4.4	-12.0	20.7	14.8	-2.7	32.3	7.2	-9.6	23.9	10.3	-5.7	26.3	6.7	-8.9	22.2	10.1	-7.4	27.6
		h	2.7	-14.3	19.6	8.9	-10.6	28.4	2.7	-14.2	19.6	8.9	-10.6	28.3	1.8	-23.1	26.7	9.0	-14.9	32.8	15.4	-6.9	37.7	-2.9	-24.5	18.7
	Yamagata	l	-21.9	-46.0	2.3	-15.2	-58.8	28.4	-20.3	-49.0	8.4	-38.0	-80.1	4.1	-1.0	-18.1	16.1	11.9	-8.6	32.4	-2.0	-21.0	16.9	14.8	-3.9	33.5
		m	-20.0	-39.7	-0.3	-4.3	-40.9	32.3	-18.5	-42.4	5.5	-20.8	-61.4	19.9	-1.3	-15.0	12.5	16.5	-0.9	33.9	-0.2	-15.9	15.4	10.1	-5.6	25.9
		h	-15.9	-37.0	5.2	23.7	-22.6	70.1	-13.8	-39.8	12.3	39.8	-26.1	105.7	-0.1	-25.2	25.1	24.6	-7.5	56.7	2.9	-25.3	31.2	1.7	-18.6	22.1
	Mexico	Ciudad Juarez	l	-10.6	-37.4	16.2	3.8	-42.6	50.3	-	-	-	-	-	-6.2	-19.5	7.0	-0.3	-33.8	33.1	-6.2	-19.5	7.1	-	-	-

Country	City		PM10						PM2.5						O3					NO2							
			CVD			RD			CVD			RD			CVD			RD		CVD			RD				
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	
		m	-6.9	-28.2	14.3	13.2	-23.8	50.2	-	-	-	-	-	-	-1.8	-	7.5	12.1	-12.9	37.2	-1.8	-11.2	7.6	-	-	-	
		h	-0.9	-27.9	26.1	29.7	-20.2	79.5	-	-	-	-	-	-	2.5	-	16.7	25.3	-13.7	64.2	2.5	-11.6	16.7	-	-	-	
	Guadalajara	l	-9.8	-28.5	8.8	11.1	-21.2	43.3	19.2	-6.7	45.1	1.3	-28.0	30.6	-	-	-	28.8	-32.3	89.9	1.2	-4.3	6.7	-	-	-	
		m	-2.4	-15.5	10.7	27.5	6.6	48.4	12.8	-5.7	31.3	3.6	-22.2	29.4	-	-	-	19.5	-11.8	50.8	3.0	-0.9	6.9	-	-	-	
		h	17.7	6.7	28.8	9.7	-7.8	27.3	-24.6	-45.3	-3.8	11.1	-29.1	51.4	-	-	-	6.4	-13.7	26.5	5.8	0.1	11.5	-	-	-	
	Leon	l	10.7	-2.9	24.3	1.3	-54.5	57.2	-	-	-	-	-	-	-	-	-	-0.7	-22.1	20.7	-1.4	-15.4	12.6	-	-	-	
		m	10.9	1.6	20.2	18.2	-10.2	46.5	-	-	-	-	-	-	-	-	-	8.2	-5.1	21.6	2.1	-6.3	10.4	-	-	-	
		h	11.3	-2.0	24.6	-0.9	-28.2	26.4	-	-	-	-	-	-	-	-	-	20.9	-0.2	42.0	6.7	-5.6	19.0	-	-	-	
	Monterrey	l	16.0	3.3	28.7	-1.3	-10.3	7.7	16.0	3.3	28.8	-1.3	-10.4	7.7	-	-	-	0.1	-6.6	6.8	39.8	-1.8	81.3	-	-	-	
		m	15.1	6.4	23.8	3.1	-3.8	10.1	15.1	6.3	23.8	3.1	-3.8	10.0	-	-	-	4.3	-0.6	9.1	22.8	7.2	38.4	-	-	-	
		h	13.8	4.6	22.9	13.3	-0.4	27.1	13.8	4.6	22.9	13.3	-0.4	27.1	-	-	-	8.7	0.9	16.6	11.2	-3.6	26.1	-	-	-	
	Puebla-Tlaxcala	l	22.2	8.0	36.4	6.0	-8.2	20.1	-	-	-	-	-	-	-	-	-	26.8	2.9	50.7	26.0	-0.3	52.2	-	-	-	
		m	13.6	4.6	22.6	9.5	-1.3	20.2	-	-	-	-	-	-	-	-	-	4.1	-6.5	14.7	9.8	-4.6	24.3	-	-	-	
		h	3.5	-11.3	18.2	21.1	-0.4	42.6	-	-	-	-	-	-	-	-	-	-0.1	-16.5	16.3	-4.3	-18.4	9.8	-	-	-	
	Tijua	l	21.7	-9.7	53.1	48.7	-24.7	122.1	-	-	-	-	-	-	-	-	-	91.7	-9.4	192.8	-0.2	-47.6	47.1	-	-	-	
		m	24.0	-2.6	50.5	31.0	-21.0	83.0	-	-	-	-	-	-	-	-	-	54.3	6.1	102.6	14.1	-19.5	47.7	-	-	-	
		h	29.0	-0.2	58.2	-0.5	-42.6	41.7	-	-	-	-	-	-	-	-	-	18.0	-42.0	77.9	24.8	-13.9	63.5	-	-	-	
	Toluca de Lerdo	l	5.8	-6.4	17.9	-47.5	145.2	50.1	-	-	-	-	-	-	-	-	-	40.4	111.5	192.2	8.0	-23.0	38.9	-	-	-	
		m	3.7	-4.9	12.2	-32.2	-78.4	14.1	-	-	-	-	-	-	-	-	-	12.9	-34.7	60.5	6.8	-9.2	22.9	-	-	-	
		h	-1.1	-13.9	11.8	13.0	-24.8	50.9	-	-	-	-	-	-	-	-	-	-8.8	-38.8	21.2	1.4	-13.7	16.5	-	-	-	
	Valley of Mexico	l	-2.2	-10.0	5.6	2.6	-5.0	10.2	5.0	-4.1	14.1	9.0	-3.6	21.5	-	-	-	0.8	-8.4	9.9	-2.8	-12.6	7.0	-	-	-	
		m	6.7	1.6	11.9	8.2	4.2	12.3	8.1	2.1	14.1	8.5	0.4	16.6	-	-	-	12.6	7.2	17.9	12.0	6.5	17.4	-	-	-	
		h	16.3	10.8	21.8	7.4	1.5	13.2	12.9	7.7	18.0	7.6	0.2	15.0	-	-	-	10.0	3.1	16.9	17.2	10.9	23.6	-	-	-	
Norway	Bergen	l	-5.4	-14.9	3.9	76.0	-11.7	163.6	-4.8	-25.4	15.7	7.6	-5.2	20.4	2.5	-	16.4	-	-23.7	-75.8	28.4	-13.0	7.0	10.7	-2.6	24.1	-13.0

Country	City	Metric	PM10					PM2.5					O3					NO2									
			CVD		RD			CVD		RD			CVD		RD			CVD		RD							
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI				
Norway	Oslo	m	-4.4	-11.4	2.6	45.7	4.9	86.4	-6.5	-22.3	9.3	8.5	-2.2	19.2	-2.0	-10.6	6.7	17.2	-24.0	58.4	-14.1	-10.7	3.7	11.7	1.3	22.2	
		h	-2.6	-13.3	7.9	7.2	-72.7	87.1	-10.9	-26.9	5.2	10.9	-2.9	24.7	-6.1	-16.1	3.9	43.1	-3.7	89.9	22.5	-13.7	5.3	13.3	0.9	25.7	
		l	-18.2	-24.2	-12.1	8.8	-4.1	21.7	-20.6	-26.7	-14.6	59.6	-32.0	151.2	7.3	-18.3	33.0	-14.1	-52.0	23.7	34.2	-26.1	-5.0	48.9	-26.5	124.3	
	Trondheim	m	13.2	18.2	-8.3	10.2	-0.4	20.8	-16.6	-21.5	-11.8	51.4	-10.0	112.7	5.6	-6.7	17.9	22.5	-1.5	46.5	-23.7	-17.7	-1.8	43.2	0.9	85.6	
		h	-3.1	-0.5	3.3	13.0	0.4	25.6	-7.0	-13.7	-0.4	24.0	-28.2	76.2	-9.8	-24.8	5.2	34.2	-1.9	70.3	17.2	-9.8	10.5	34.9	-25.2	95.0	
		l	-7.7	-16.5	1.1	2.2	-25.8	30.1	-12.7	-23.9	-1.6	0.7	-29.8	31.1	-9.8	-21.7	2.1	-8.4	-42.0	25.1	43.1	-12.4	7.6	-2.3	-41.5	37.0	
		m	-4.8	12.4	2.7	3.3	-20.7	27.3	-10.3	-18.4	-2.2	0.2	-25.5	25.9	-5.5	-13.9	3.0	-1.7	-26.4	22.9	-8.4	-10.4	4.8	0.6	-27.3	28.5	
	Stavanger	h	2.4	-8.0	12.9	6.4	-27.6	40.5	-1.0	-12.5	10.4	-0.6	-30.2	28.9	0.9	-10.2	12.0	8.5	-25.8	42.8	-1.7	-13.4	6.5	5.3	-36.4	47.0	
		l	-15.1	-28.6	-1.4	-17.5	-48.4	13.3	-31.2	-47.8	-14.6	-16.2	-81.1	48.8	24.4	-29.3	78.1	-38.2	-	166.1	89.7	8.5	-17.0	15.2	1.8	123.3	126.9
		m	-7.6	-18.5	3.2	-1.9	-28.7	24.9	-10.9	-24.9	3.1	-8.6	-52.5	35.3	12.9	-13.7	39.4	10.4	-55.8	76.7	-38.2	-12.8	9.9	1.1	-61.1	63.3	
Portugal	Beja	h	5.6	-11.2	22.4	30.1	-19.0	79.2	-12.3	-28.1	3.5	55.2	-44.7	155.1	0.0	-27.2	27.2	-22.7	-66.3	20.8	10.4	-17.1	12.7	24.8	-70.3	119.8	
		l	-0.4	-12.0	11.1	15.8	-27.0	58.7	0.6	-10.3	11.6	11.0	-37.4	59.4	8.3	-17.6	34.3	50.2	-9.9	110.4	-6.7	-21.8	8.4	12.3	-28.8	53.3	
		m	4.8	-5.6	15.3	21.2	-13.6	56.1	6.8	-2.7	16.2	17.2	-19.1	53.4	18.1	3.8	32.4	24.4	-3.9	52.8	9.8	-1.5	21.2	13.3	-18.0	44.6	
	Coimbra	h	18.1	-1.3	37.5	34.3	-16.9	85.5	22.9	4.6	41.2	65.1	-12.6	142.7	25.3	3.9	46.7	1.0	-30.2	32.2	8.5	-9.6	26.7	15.5	-20.3	51.3	
		l	13.8	-9.6	37.2	28.6	10.9	46.3	-	-	-	-	-	-	24.1	-9.6	57.8	63.5	-11.1	138.0	11.6	-11.3	34.4	56.2	9.6	102.8	
	Castelobranco	m	16.0	0.3	31.8	32.7	17.5	47.9	-	-	-	-	-	-	23.6	0.1	47.1	53.0	10.7	95.3	13.8	0.9	26.7	54.1	24.5	83.7	
		h	21.6	3.9	39.3	44.5	21.7	67.3	-	-	-	-	-	-	22.9	8.0	37.7	59.1	21.3	96.9	29.2	9.4	49.1	51.0	18.8	83.1	
		l	14.4	-15.9	44.9	22.4	7.1	37.7	12.5	-7.1	32.1	12.4	-10.8	35.5	-5.8	-15.2	3.6	24.2	-2.2	50.5	4.8	-3.3	12.8	7.1	-15.5	29.7	
	Lisboa	m	27.0	8.1	45.9	24.7	10.3	39.1	12.5	-2.1	27.2	27.7	9.6	45.8	9.0	1.8	16.2	26.1	10.4	41.7	10.1	3.0	17.2	15.6	-3.5	34.6	
		h	31.7	7.8	55.7	31.9	4.7	59.2	17.4	-5.0	39.7	49.7	7.6	91.8	29.0	16.8	41.2	29.5	2.9	56.1	17.4	6.1	28.8	27.7	2.7	52.7	
l		-16.7	-38.1	4.62	9.0	-4.6	22.7	-8.3	-24.3	7.8	22.0	-45.3	89.2	29.1	5.0	53.2	44.4	5.0	83.9	37.5	3.5	71.5	8.9	-13.9	31.7		
m		-0.1	-13.3	13.1	16.3	5.5	27.1	5.1	-6.4	16.6	48.6	5.7	91.5	35.8	20.4	51.3	42.8	18.4	67.3	22.0	8.3	35.8	25.1	9.2	41.0		

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		h	47.9	37.5	58.4	38.1	23.7	52.6	46.2	35.9	56.5	75.6	37.6	113.6	35.6	26.8	44.5	47.8	31.3	64.4	46.4	35.6	57.3	54.7	35.4	73.9
	Porto	l	58.4	36.2	80.7	37.1	8.5	65.6	-	-	-	-	-	-	-2.0	-22.9	18.9	14.0	-12.3	40.2	27.9	11.2	44.6	45.9	20.9	70.9
		m	47.8	32.3	63.4	40.7	19.6	61.8	-	-	-	-	-	-	17.7	1.4	34.1	25.0	4.7	45.3	27.8	17.9	37.7	40.7	24.6	56.8
		h	21.6	13.2	30.1	44.9	27.6	62.2	-	-	-	-	-	-	25.4	12.8	38.0	35.2	17.7	52.7	31.1	18.2	44.0	29.9	11.4	48.4
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Africa	City of Johannesburg	l	2.1	-10.4	14.6	1.4	-15.9	18.7	2.4	-3.6	8.5	1.2	-3.3	5.8	-0.9	-7.9	6.1	-3.9	-8.4	0.5	-	-	-	-	-	-
		m	4.8	-3.2	12.8	11.6	0.2	23.0	0.2	-4.9	5.3	1.1	-2.5	4.8	0.4	-4.5	5.4	2.6	-1.1	6.4	-	-	-	-	-	-
		h	11.6	-6.1	29.3	-23.5	-44.6	-2.5	-5.2	-11.1	0.6	0.7	-5.9	7.3	3.1	-5.2	11.3	8.6	0.7	16.5	-	-	-	-	-	-
	City of Tshwane	l	6.7	-8.3	21.7	0.2	-5.1	5.4	-	-	-	-	-	-	4.9	-6.6	16.4	7.5	-8.7	23.8	-	-	-	-	-	-
		m	12.5	1.7	23.4	-1.4	-5.1	2.3	-	-	-	-	-	-	4.5	-3.6	12.5	-5.3	-16.0	5.4	-	-	-	-	-	-
		h	6.4	-16.8	29.6	-3.6	-9.8	2.7	-	-	-	-	-	-	1.7	-8.8	12.1	-10.1	-24.6	4.5	-	-	-	-	-	-
	Fezile Dabi	l	-3.0	-12.1	6.2	2.9	-8.9	14.7	-2.9	-11.5	5.7	1.6	-9.2	12.5	-	-	-	-	-	-	-	-	-	-	-	-
		m	2.3	-5.6	10.3	3.9	-5.9	13.6	1.6	-5.8	9.0	2.5	-6.4	11.3	-	-	-	-	-	-	-	-	-	-	-	-
		h	15.0	-3.3	33.3	6.0	-14.8	26.8	13.9	-3.3	31.2	4.6	-14.6	23.8	-	-	-	-	-	-	-	-	-	-	-	-
	Gert Sibande	l	-4.8	-11.0	1.5	-1.9	-12.6	8.8	-4.8	-11.0	1.5	-1.9	-12.6	8.8	-	-	-	-	-	-	-	-	-	-	-	-
		m	-2.6	-7.0	1.8	3.2	-4.4	10.7	-2.6	-7.0	1.8	3.2	-4.4	10.7	-	-	-	-	-	-	-	-	-	-	-	-
		h	-0.1	-8.5	8.3	0.1	-12.9	13.0	-0.1	-8.5	8.4	0.1	-12.9	13.0	-	-	-	-	-	-	-	-	-	-	-	-
	Nkangala	l	7.6	-4.9	20.2	30.4	-6.0	66.7	7.6	-4.9	20.2	30.4	-5.9	66.6	-	-	-	-	-	-	-	-	-	-	-	-
		m	5.4	-3.4	14.2	36.2	10.9	61.4	5.4	-3.4	14.2	36.2	10.8	61.5	-	-	-	-	-	-	-	-	-	-	-	-
		h	2.8	-13.6	19.2	44.5	5.4	83.6	2.8	-13.7	19.2	44.5	5.3	83.6	-	-	-	-	-	-	-	-	-	-	-	-
	Sedibeng	l	4.4	-8.3	17.0	-1.1	-10.3	8.1	3.6	-20.0	27.3	-3.3	-24.6	17.9	-	-	-	-	-	-	-	-	-	-	-	-
		m	1.8	-5.2	8.9	-2.7	-8.8	3.4	4.3	-11.0	19.6	-9.9	-23.4	3.6	-	-	-	-	-	-	-	-	-	-	-	-
		h	3.7	-8.2	15.6	-4.8	-16.2	6.5	4.9	-41.9	51.8	-24.6	-60.2	11.0	-	-	-	-	-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Korea	Busan	l	4.7	-2.1	11.5	15.0	-11.8	41.9	-	-	-	-	-	-	1.3	-7.9	10.5	21.3	3.3	39.3	4.3	-3.7	12.3	-0.1	-18.5	18.2

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		m	4.7	-1.1	10.5	15.5	-2.2	33.2	-	-	-	-	-	-	3.5	-2.5	9.6	9.5	-2.1	21.2	4.4	-1.5	10.2	16.7	1.6	31.8
		h	4.7	-3.6	13.0	71.4	-14.3	157.0	-	-	-	-	-	-	8.3	-1.1	17.6	0.9	-15.8	17.7	4.6	-8.0	17.2	50.3	3.9	96.8
	Daegu	l	7.7	3.0	12.5	12.1	0.3	23.9	-	-	-	-	-	-	6.3	-1.9	14.6	3.1	-6.5	12.7	6.5	2.2	10.8	8.4	-3.9	20.7
		m	4.8	1.2	8.5	10.9	0.8	21.1	-	-	-	-	-	-	3.9	-1.8	9.5	-2.9	-9.7	3.9	3.9	0.4	7.5	4.6	-5.7	14.9
		h	4.7	-0.8	10.2	8.8	-4.7	22.2	-	-	-	-	-	-	3.0	-6.1	12.1	-11.6	-21.5	-1.8	0.8	-5.5	7.0	-1.1	-17.8	15.5
	Daejeon	l	7.1	-0.7	14.8	9.6	-3.4	22.6	-	-	-	-	-	-	4.1	-3.9	12.1	2.9	-8.8	14.7	5.2	-2.0	12.5	10.2	0.1	20.3
		m	5.9	-1.2	12.9	5.9	-3.9	15.6	-	-	-	-	-	-	5.8	-0.3	12.0	2.8	-6.6	12.3	3.9	-2.7	10.5	6.5	-2.3	15.3
		h	3.4	-5.6	12.4	2.7	-11.5	16.9	-	-	-	-	-	-	8.5	-1.6	18.7	-6.0	-20.6	8.6	0.9	-9.3	11.1	-1.6	-13.8	10.5
	Gwangju	l	2.8	-2.8	8.4	17.3	4.8	29.8	-	-	-	-	-	-	3.0	-4.0	10.0	26.0	6.2	45.8	2.4	-3.4	8.2	10.3	-3.8	24.4
		m	2.4	-2.7	7.5	18.8	7.3	30.2	-	-	-	-	-	-	0.7	-4.9	6.3	10.7	-2.6	24.0	3.1	-2.0	8.1	8.8	-4.3	21.8
		h	1.4	-6.4	9.2	22.4	-3.3	48.0	-	-	-	-	-	-	-2.7	-11.5	6.1	-6.4	-24.3	11.5	3.6	-4.7	12.0	6.2	-15.7	28.1
	Incheon	l	8.5	4.4	12.6	16.7	5.6	27.8	-	-	-	-	-	-	11.7	5.0	18.5	27.3	8.6	46.0	8.7	3.1	14.3	13.2	0.0	26.3
		m	7.7	3.9	11.4	12.5	2.5	22.5	-	-	-	-	-	-	7.2	2.1	12.4	14.5	2.6	26.4	6.4	1.1	11.6	12.9	0.8	25.0
		h	5.9	0.6	11.2	4.5	-8.3	17.3	-	-	-	-	-	-	9.1	1.4	16.8	0.4	-14.1	14.9	8.0	-4.5	20.6	6.2	-18.7	31.0
	Seoul	l	3.2	-2.5	9.0	10.7	1.2	20.2	-	-	-	-	-	-	4.4	-2.2	10.9	11.6	-0.6	23.9	4.7	-1.0	10.5	14.4	1.4	27.4
		m	5.8	1.2	10.4	15.2	6.9	23.5	-	-	-	-	-	-	6.0	1.7	10.3	7.4	-0.5	15.3	7.1	2.0	12.1	3.8	-6.5	14.1
		h	11.7	0.3	23.0	25.5	5.5	45.5	-	-	-	-	-	-	8.3	2.5	14.2	1.7	-8.1	11.5	9.2	-2.7	21.1	-5.4	-28.3	17.5
	Ulsan	l	4.6	-3.4	12.7	21.7	4.7	38.8	-	-	-	-	-	-	5.2	-3.5	13.9	13.8	-5.0	32.7	2.5	-4.8	9.7	19.1	3.4	34.8
		m	7.9	0.9	15.0	19.8	5.3	34.3	-	-	-	-	-	-	2.1	-4.4	8.5	5.0	-8.1	18.1	7.6	1.1	14.1	16.9	3.6	30.1
		h	15.6	4.3	26.8	15.5	-5.5	36.4	-	-	-	-	-	-	-0.4	-9.8	9.0	-5.9	-22.6	10.9	15.1	4.0	26.3	13.8	-6.9	34.5
Spain	A Coru	l	-15.4	-49.6	18.8	2.6	-18.8	24.0	-	-	-	-	-	-	0.6	-12.7	13.8	-8.0	-28.8	12.8	-8.6	-34.0	16.9	9.1	-16.1	34.3
		m	-9.8	-33.0	13.3	3.5	-12.3	19.3	-	-	-	-	-	-	1.1	-7.4	9.6	-4.9	-18.6	8.9	-1.1	-19.1	16.9	2.6	-12.0	17.2
		h	10.8	-21.9	43.4	5.2	-18.7	29.1	-	-	-	-	-	-	2.3	-10.6	15.2	-1.5	-23.0	20.0	10.6	-14.0	35.2	-4.4	-22.2	13.4
	Albacete	l	-4.6	-13.1	4.0	50.6	127.6	228.9	-2.9	-21.3	15.5	86.2	134.8	307.2	1.2	-14.2	16.6	28.0	1.2	54.8	4.1	-8.2	16.5	25.0	1.5	48.4
		m	1.8	-6.7	10.4	48.0	-21.1	117.1	1.8	-13.5	17.2	75.6	-33.9	185.1	8.6	-2.1	19.2	24.0	6.4	41.6	-2.5	-10.9	5.9	24.4	5.5	43.3

Country	City		PM10						PM2.5						O3				NO2							
			CVD			RD			CVD			RD			CVD		RD		CVD			RD				
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		h	12.7	-1.6	27.1	13.7	-55.8	83.2	21.4	-9.7	52.5	35.4	-85.7	156.5	-16.9	-32.1	-1.6	20.8	-4.5	46.1	-6.1	-23.6	11.4	23.6	0.0	47.2
	Alicante	l	6.7	-14.9	28.3	-64.5	246.4	117.3	-	-	-	-	-	-	-0.7	-8.7	7.3	11.7	-11.1	34.5	7.3	-0.3	14.9	20.4	-0.6	41.5
		m	5.8	-14.3	26.0	-30.5	194.5	133.5	-	-	-	-	-	-	4.4	-1.6	10.4	19.9	1.9	37.9	6.0	0.3	11.8	20.5	3.7	37.3
		h	4.1	-22.2	30.4	7.9	324.4	340.1	-	-	-	-	-	-	10.1	2.0	18.1	29.1	3.8	54.5	4.4	-3.0	11.9	20.6	-0.9	42.1
	Almeria	l	135.3	-99.7	370.2	-15.4	282.8	252.0	-	-	-	-	-	-	32.2	-35.3	99.7	18.2	-15.0	51.4	17.4	-5.0	39.8	17.1	-29.1	63.2
		m	-28.3	-73.0	16.4	55.7	130.5	241.8	-	-	-	-	-	-	28.3	-6.1	62.6	5.2	-13.0	23.4	3.4	-13.0	19.8	-2.9	-33.7	28.0
		h	76.7	404.9	558.4	-10.4	504.7	483.8	-	-	-	-	-	-	24.4	-12.2	61.0	10.3	-14.4	35.0	-15.5	-36.4	5.4	-19.7	-67.8	28.3
	Avila	l	-4.8	-30.2	20.6	-1.7	236.2	232.9	-	-	-	-	-	-	-13.2	-41.9	15.5	50.8	296.9	398.4	-0.6	-27.5	26.2	442.1	597.7	1481.9
		m	-8.9	-27.3	9.5	53.7	-96.6	204.0	-	-	-	-	-	-	-15.4	-32.3	1.4	95.6	-79.6	270.8	-13.3	-29.8	3.3	210.3	-61.6	482.2
		h	-15.0	-41.1	11.1	152.3	120.3	425.0	-	-	-	-	-	-	-17.6	-42.7	7.5	152.9	120.5	426.3	-5.9	-34.8	23.0	11.4	187.7	210.5
	Badajoz	l	24.3	-11.2	59.7	46.9	103.9	197.7	-	-	-	-	-	-	-5.5	-24.6	13.6	37.8	-80.8	156.4	13.0	-3.7	29.6	64.2	-49.7	178.1
		m	24.4	-2.7	51.6	6.5	-69.2	82.3	-	-	-	-	-	-	1.0	-10.9	12.9	21.9	-40.7	84.5	10.4	-2.6	23.5	58.9	-17.6	135.3
		h	25.0	-33.2	83.1	73.8	177.1	324.7	-	-	-	-	-	-	12.4	-7.0	31.9	5.4	-76.1	87.0	3.9	-18.5	26.3	45.3	125.7	216.4
	Bilbao	l	11.3	-17.5	40.2	18.6	-5.1	42.4	2.2	-25.6	30.0	-26.1	238.3	186.0	0.2	-11.5	11.9	1.1	-15.7	17.8	0.4	-8.2	9.0	20.7	-0.2	41.6

Country	City	Season	PM10						PM2.5						O3						NO2							
			CVD			RD			CVD			RD			CVD			RD			CVD			RD				
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI		
		m	14.7	-4.7	34.2	14.7	0.2	29.2	0.2	-17.6	18.0	-31.0	-	111.8	49.7	5.4	-2.4	13.1	11.8	0.6	23.0	4.8	-1.2	10.8	15.2	2.7	27.8	
		h	20.2	0.2	40.1	21.9	-1.5	45.3	-2.4	-31.3	26.4	-37.0	-	134.8	60.7	2.5	-8.1	13.1	23.7	5.2	42.1	13.9	4.1	23.7	4.1	-11.9	20.1	
		l	-3.7	-9.0	1.6	16.3	3.3	29.4	-3.7	-9.0	1.6	16.3	3.3	29.3	12.6	2.6	22.5	11.5	-5.9	28.8	17.5	3.4	31.5	20.8	5.3	36.2		
		m	0.1	-4.0	4.3	15.5	4.9	26.1	0.1	-4.0	4.3	15.5	4.9	26.0	10.5	4.5	16.4	18.0	7.3	28.7	24.7	15.5	33.9	27.2	16.0	38.4		
		h	4.9	-2.6	12.5	13.6	2.2	25.0	4.9	-2.6	12.4	13.6	2.2	24.9	5.3	-2.8	13.5	17.2	1.1	33.3	32.8	20.4	45.3	37.4	22.0	52.9		
		l	8.2	-5.9	22.4	98.1	-31.3	227.4	2.7	-38.1	43.6	64.0	-25.6	153.6	14.3	-3.0	31.7	0.9	-27.3	29.2	2.3	-22.6	27.2	41.6	-13.0	96.3		
		m	6.3	-2.9	15.6	63.8	11.1	116.5	10.6	-20.3	41.4	44.7	-4.6	94.0	5.0	-4.3	14.3	15.2	-4.4	34.8	11.9	-6.6	30.4	45.7	7.6	83.8		
		h	6.3	-8.1	20.8	22.4	-47.6	92.4	21.9	-16.6	60.4	19.9	-34.5	74.2	-4.0	-	17.3	9.3	32.2	1.1	63.3	22.4	-4.8	49.5	54.1	1.0	107.1	
		l	-0.1	-34.9	34.7	49.3	-57.9	156.5	-	-	-	-	-	-	-	31.5	-	26.9	89.8	-	164.2	123.9	-0.7	-21.8	20.4	17.0	-38.7	72.8
		m	4.7	-25.4	34.7	39.0	-39.7	117.7	-	-	-	-	-	-	-	17.9	-9.5	45.3	-0.1	-62.2	62.0	9.1	-7.5	25.8	-6.4	-41.1	28.3	
		h	14.2	-36.1	64.5	21.6	101.3	144.5	-	-	-	-	-	-	7.7	-	19.3	34.7	6.9	-55.8	69.6	23.9	-9.6	57.3	46.7	-33.0	126.5	
		l	17.7	-60.4	95.8	100.0	182.5	382.6	-	-	-	-	-	-	13.6	-	15.5	42.7	89.4	-	287.8	466.6	5.6	-12.6	23.8	24.4	-36.2	85.0
		m	-9.2	-43.8	25.4	8.1	-89.3	105.6	-	-	-	-	-	-	12.1	-6.6	30.9	28.3	-77.0	133.6	16.2	0.7	31.6	32.5	-17.8	82.8		
		h	80.4	-32.5	193.3	-70.7	160.6	19.2	-	-	-	-	-	-	10.2	-	15.3	35.7	-	120.4	42.9	46.1	8.9	83.4	20.1	-86.7	126.9	
		l	20.0	-9.7	49.8	6.8	-24.4	38.0	-	-	-	-	-	-	16.3	-	32.1	64.7	25.9	-35.1	86.8	26.6	-1.2	54.4	13.8	-79.7	107.2	
		m	4.5	-17.3	26.3	3.7	-24.6	31.9	-	-	-	-	-	-	16.1	-	14.4	46.7	-8.3	-33.6	17.1	15.6	-2.5	33.6	13.8	-50.0	77.6	
		h	13.1	-18.3	44.5	-1.8	-37.5	33.9	-	-	-	-	-	-	15.8	-	23.0	54.5	-	-65.6	13.7	8.4	-19.6	36.3	-26.0	190.4	138.4	
		l	26.7	-4.8	58.2	0.1	-73.2	73.4	-	-	-	-	-	-	-1.6	-	11.7	8.4	13.6	-8.1	35.3	9.0	-5.2	23.3	7.9	-11.6	27.3	

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		m	21.7	1.6	41.9	37.3	-20.1	94.8	-	-	-	-	-	-	0.9	-6.3	8.0	11.8	-1.8	25.5	8.6	-1.5	18.8	13.1	-1.9	28.1
		h	14.8	-6.7	36.3	119.0	32.2	205.7	-	-	-	-	-	-	3.0	-6.4	12.5	10.1	-9.0	29.2	8.1	-5.7	22.0	38.3	8.0	68.6
	Castellon	l	-11.6	-77.5	54.3	16.9	-42.2	76.1	-	-	-	-	-	-	3.7	-9.3	16.8	57.0	-31.8	145.8	1.6	-21.6	24.8	35.7	-22.4	93.7
		m	-17.0	-58.9	24.8	4.2	-39.9	48.2	-	-	-	-	-	-	-0.4	-9.4	8.5	41.0	-10.8	92.9	-3.0	-19.9	13.9	42.7	-2.6	87.9
		h	-25.4	-71.4	20.6	-14.0	-69.4	41.5	-	-	-	-	-	-	-2.0	-14.7	10.6	17.6	-49.2	84.4	-8.2	-30.1	13.7	54.0	-9.8	117.7
	Cuenca	l	37.3	-33.1	107.8	-32.3	2034.2	1969.6	-	-	-	-	-	-	37.7	-52.3	127.6	2.0	-74.0	78.0	46.9	-36.8	130.6	-7.5	-57.4	42.4
		m	51.7	-2.4	105.7	-42.3	131.6	46.9	-	-	-	-	-	-	60.6	9.2	112.0	-17.5	-46.8	11.9	59.6	7.1	112.1	-15.8	-46.6	15.1
		h	54.1	-21.4	129.5	4.7	316.6	326.0	-	-	-	-	-	-	73.8	3.1	144.6	21.3	-60.3	102.8	75.5	-23.3	174.3	-18.4	-73.4	36.5
	Guadalajara	l	5.0	-27.7	37.7	54.4	-87.7	196.6	-	-	-	-	-	-	31.6	1.8	61.4	-30.8	-65.1	3.6	-2.3	-17.0	12.4	45.6	-63.5	154.6
		m	7.0	-17.1	31.2	-1.3	-55.6	53.0	-	-	-	-	-	-	2.5	-11.6	16.6	17.2	-13.1	47.4	3.3	-8.2	14.7	57.5	-20.4	135.4
		h	-7.3	-41.8	27.1	175.4	-47.2	398.1	-	-	-	-	-	-	-15.8	-34.2	2.7	73.0	-13.4	159.5	11.9	-8.2	32.0	15.3	114.1	144.6
	Giro	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45.5	8.5	82.6	-0.3	-44.2	43.7
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.3	-0.7	41.4	2.7	-28.7	34.1
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-21.3	24.1	14.2	-26.9	55.4
	Grada	l	11.6	0.3	22.9	5.1	-22.5	32.7	-	-	-	-	-	-	-4.8	-12.7	3.2	-1.4	-15.9	13.1	3.0	-4.6	10.6	2.5	-11.3	16.2
		m	11.8	2.1	21.5	2.0	-20.1	24.0	-	-	-	-	-	-	5.8	-0.1	11.7	-1.7	-11.7	8.3	4.7	-1.2	10.7	4.4	-6.7	15.4
		h	16.0	1.2	30.8	-3.3	-28.0	21.4	-	-	-	-	-	-	15.2	4.5	25.9	-1.9	-17.4	13.6	2.7	-5.3	10.7	6.7	-8.9	22.3
	Huesca	l	0.1	-	436.3	-	-	-	-	-	-	-	-	-	10.3	-61.3	81.8	44.4	-	374.7	463.4	4.1	-22.6	30.9	-97.1	1226.77.5
		m	-19.6	124.3	85.1	-	-	-	-	-	-	-	-	-	20.0	-22.2	62.1	77.7	-64.7	220.0	9.7	-7.8	27.3	19.9	167.8	207.6

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		h	33.8	-188.2	255.8	-	-	-	-	-	-	-	-	-	27.9	-16.4	72.1	9.8	-86.0	105.6	16.0	-15.3	47.3	-25.5	-178.7	127.6
	Jaen	l	24.3	1.0	47.7	-67.6	128.9	-6.3	-	-	-	-	-	-2.0	-28.2	24.1	6.3	-66.2	78.9	6.8	-4.8	18.4	-10.2	-47.2	26.8	
		m	17.9	-1.5	37.3	-57.4	113.5	-1.3	-	-	-	-	-	1.8	13.6	17.1	13.6	-43.7	16.5	7.1	-2.3	16.4	-14.5	-39.8	10.7	
		h	9.9	-15.4	35.2	-35.8	104.5	32.9	-	-	-	-	-	4.9	15.1	24.9	35.4	-63.4	-7.5	7.6	-9.8	25.0	-19.4	-74.3	35.5	
	Leon	l	6.5	-17.4	30.5	-4.9	116.3	106.5	16.0	-27.1	59.0	467.1	1513.5	2447.7	29.0	-16.0	74.1	0.3	134.3	134.9	12.6	-4.5	29.6	14.2	-59.7	88.0
		m	6.6	-10.2	23.4	25.4	-43.6	94.4	26.2	-14.4	66.7	13.9	-71.3	99.2	14.5	-8.9	37.9	20.9	-49.8	91.7	-1.2	-11.3	8.9	32.7	-18.7	84.1
		h	6.8	-11.2	24.8	57.8	-20.1	135.7	45.1	-18.1	108.2	3.2	123.0	129.4	0.1	-20.4	20.6	53.4	-24.0	130.8	14.4	-3.0	31.8	90.0	-40.2	220.2
	Logrono	l	-2.3	-35.3	30.6	21.6	-16.6	59.8	-	-	-	-	-	-	-	-	-	-	-	-	-2.0	-31.4	27.4	14.3	-14.1	42.7
		m	-4.5	-27.4	18.4	21.6	-3.2	46.4	-	-	-	-	-	-	-	-	-	-	-	-	2.2	-23.4	27.8	18.5	-5.2	42.1
		h	-8.8	-32.3	14.7	21.8	-16.1	59.8	-	-	-	-	-	-	-	-	-	-	-	-	14.9	-22.8	52.6	31.0	-9.8	71.8
	Lleida	l	-	-	-	-	-	-	-	-	-	-	-	17.3	14.7	49.3	-3.7	-55.1	47.7	15.2	-0.7	31.1	22.9	0.5	45.3	
		m	-	-	-	-	-	-	-	-	-	-	-	11.5	-6.5	29.5	7.9	-23.4	39.1	1.7	-7.6	11.0	20.6	4.9	36.3	
		h	-	-	-	-	-	-	-	-	-	-	-	6.9	14.0	27.7	17.3	-19.7	54.4	10.3	-4.3	24.9	17.5	-4.5	39.5	
	Lugo	l	-5.1	-34.7	24.6	31.1	8339.9	8402.2	-	-	-	-	-	-	-1.5	-23.5	20.4	43.7	134.9	222.2	2.9	-17.5	23.4	10.9	-94.3	116.0
		m	1.5	-20.1	23.2	-41.3	216.3	133.7	-	-	-	-	-	-1.7	14.1	10.7	69.6	-82.7	222.0	1.0	-11.7	13.6	17.0	-49.1	83.1	
		h	-2.7	-35.9	30.6	78.2	349.4	505.9	-	-	-	-	-	-1.9	21.6	17.8	59.1	140.6	22.4	-1.1	-19.3	17.1	-24.1	102.7	54.5	
	Malaga	l	37.0	9.7	64.2	4.8	-13.8	23.4	-	-	-	-	-	28.9	10.8	47.1	-6.4	-24.0	11.1	20.9	9.5	32.4	9.7	-9.4	28.8	
		m	30.6	14.3	46.8	8.8	-6.8	24.3	-	-	-	-	-	20.7	10.0	31.3	9.3	-4.4	23.0	13.7	5.7	21.6	12.0	-2.5	26.6	

Country	City		PM10						PM2.5						O3						NO2						
			CVD			RD			CVD			RD			CVD			RD			CVD			RD			
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	
Madrid	h	21.1	-1.5	43.7	15.3	-9.6	40.2	-	-	-	-	-	-	-	13.9	-0.3	28.1	25.1	4.7	45.6	5.4	-5.7	16.4	14.7	-6.7	36.1	
	l	-1.9	-7.4	3.5	5.8	-7.9	19.4	13.7	2.5	24.9	0.9	-14.7	16.6	0.5	-2.7	3.7	4.5	-6.0	15.1	-0.1	-6.6	6.4	14.6	1.0	28.2		
	m	-1.2	-4.8	2.4	15.9	7.0	24.9	10.5	1.6	19.3	6.3	-7.2	19.7	4.4	2.3	6.4	9.6	3.8	15.3	5.3	1.2	9.5	26.4	18.2	34.5		
Murcia	h	6.4	-0.2	13.0	40.7	28.1	53.3	5.7	-2.6	13.9	15.0	1.9	28.2	7.3	3.9	10.6	12.4	4.7	20.0	13.2	5.3	21.1	34.2	19.2	49.3		
	l	3.1	-4.2	10.3	12.9	-1.7	27.5	-	-	-	-	-	-	-	11.6	-	35.8	22.1	-2.9	47.0	5.3	-4.0	14.6	14.8	-3.8	33.3	
	m	3.9	-2.0	9.9	11.5	-0.2	23.1	-	-	-	-	-	-	-	9.4	-3.8	22.6	10.6	-4.7	25.8	5.4	-1.1	11.9	13.0	0.3	25.6	
Ourense	h	4.9	-3.2	13.0	9.9	-5.5	25.3	-	-	-	-	-	-	-	7.9	-8.6	24.4	3.3	-14.8	21.5	5.6	-3.1	14.3	10.5	-5.9	26.9	
	l	29.4	-17.8	76.6	28.7	-62.0	119.5	-	-	-	-	-	-	-	0.5	-	20.1	-	-	236.6	46.3	5.4	87.2	12.4	-37.5	62.3	
	m	25.0	-10.4	60.4	17.6	-30.8	66.0	-	-	-	-	-	-	-	9.8	-3.2	22.8	56.3	-	224.1	16.9	-12.4	46.2	3.5	-34.3	41.2	
Oviedo	h	16.3	-31.7	64.2	-51.0	118.1	16.2	-	-	-	-	-	-	-	22.0	-0.6	44.6	-	-	104.0	4.2	-17.6	-61.8	26.7	-9.4	-82.5	63.8
	l	-7.0	-21.8	7.9	25.5	-27.9	78.9	-13.2	-36.0	9.6	11.4	-35.1	57.9	0.0	-	12.5	12.5	34.5	-34.4	103.3	-0.5	-19.8	18.9	50.8	2.2	99.4	
	m	3.8	-7.6	15.3	50.4	5.7	95.1	-3.3	-20.5	13.9	51.5	7.2	95.9	3.8	-4.8	12.4	47.2	4.0	90.4	7.3	-6.8	21.3	39.1	6.9	71.3		
Palmas G. Caria	h	21.9	-6.7	50.5	74.4	-5.6	154.4	-1.8	-29.8	26.2	105.2	10.0	200.5	8.5	-3.0	20.0	17.4	-24.1	59.0	28.7	7.3	50.1	20.9	-11.9	53.7		
	l	-16.7	-30.5	-2.8	48.3	5.2	91.4	44.8	-78.3	167.9	65.4	-17.6	148.4	25.5	-	12.9	63.9	28.6	-30.4	87.7	-7.1	-26.5	12.3	-34.2	-76.8	8.3	
	m	-13.3	-24.4	-2.2	42.3	10.1	74.5	14.8	-51.5	81.2	56.4	-5.6	118.4	10.9	-7.7	29.5	19.8	-12.9	52.6	-5.5	-17.2	6.2	-10.4	-42.5	21.8		
Palma Mallorca	h	-7.3	-19.2	4.7	32.1	0.9	63.3	-20.8	-49.9	8.4	39.2	-20.8	99.2	-9.4	-	39.4	20.7	6.8	-45.9	59.5	-3.3	-22.7	16.0	68.6	-29.8	166.9	
	l	28.0	-0.5	56.4	8.2	-8.2	24.6	-6.2	-32.6	20.1	-2.6	105.5	100.4	-18.2	-	38.2	1.9	5.8	-8.3	19.9	12.4	-3.6	28.4	16.6	-1.4	34.6	
	m	20.7	-0.2	41.7	14.1	0.8	27.5	0.3	-20.7	21.4	-12.5	-69.2	44.2	7.3	-9.0	23.6	8.9	-1.6	19.5	11.9	0.6	23.1	12.4	0.1	24.7		
Palencia	h	7.7	-8.3	23.7	19.3	-2.8	41.5	9.7	-13.4	32.7	-18.2	-72.4	35.9	51.1	8.0	94.3	13.0	-4.4	30.5	11.2	-4.7	27.2	6.9	-11.0	24.7		
	l	26.6	-14.7	68.0	-28.6	513.2	456.0	-	-	-	-	-	-	-	-6.2	-	23.7	11.2	57.6	-	289.9	405.1	7.1	-10.6	24.9	82.1	6.8

Country	City		PM10						PM2.5						O3					NO2							
			CVD			RD			CVD			RD			CVD			RD		CVD			RD				
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	
		m	21.8	-8.1	51.6	9.5	-	141.5	-	-	-	-	-	-	7.0	-6.1	20.1	29.6	-74.5	133.7	6.8	-5.2	18.7	29.4	-9.1	68.0	
		h	13.4	-17.1	44.0	26.1	-97.9	150.1	-	-	-	-	-	-	23.9	1.6	46.1	106.2	-67.1	279.4	0.3	-16.9	17.5	-16.9	-74.9	41.0	
	Pontevedra	l	45.1	-41.5	131.7	48.0	-48.9	144.8	-	-	-	-	-	-	-	-	-	-	-	-	14.3	-40.4	69.0	1.9	-85.3	89.1	
		m	39.3	-13.9	92.5	38.9	-19.4	97.2	-	-	-	-	-	-	-	-	-	-	-	-	14.1	-21.2	49.4	3.6	-46.1	53.3	
		h	26.4	-37.0	89.7	20.1	-81.6	121.7	-	-	-	-	-	-	-	-	-	-	-	-	13.9	-35.1	62.8	-11.6	-86.7	63.4	
	Segovia	l	0.2	-18.5	18.9	-12.6	-41.8	16.7	-	-	-	-	-	-	36.1	-	107.3	-	276.0	242.5	34.3	-31.5	100.0	-32.8	147.7	82.1	
		m	3.5	-11.0	18.0	-6.4	-29.9	17.1	-	-	-	-	-	-	33.7	-7.3	74.7	33.2	-79.6	146.0	18.6	-16.6	53.8	24.4	-57.9	106.6	
		h	8.0	-12.9	29.0	2.4	-32.2	37.0	-	-	-	-	-	-	28.8	-	77.2	-	134.3	109.0	10.8	-61.6	83.2	70.3	160.6	301.2	
	Salamanca	l	-3.3	-41.5	34.8	70.7	-14.4	155.8	26.8	-37.3	91.0	-2.5	-82.3	77.3	2.4	-9.5	14.3	103.1	-31.3	237.5	11.7	-5.9	29.4	64.6	11.2	117.9	
		m	-8.7	-29.0	11.5	59.6	4.5	114.7	-27.6	-52.9	-2.2	16.4	-47.7	80.5	6.1	-1.7	13.8	96.1	33.5	158.8	14.5	1.7	27.4	57.6	22.9	92.4	
		h	66.5	13.3	119.7	31.3	-24.8	87.3	31.9	-77.2	141.1	101.6	100.3	303.6	9.4	-2.5	21.2	60.0	2.7	117.4	11.2	-8.0	30.4	47.3	-0.5	95.1	
	San Sebastian	l	-3.1	-16.0	9.8	40.0	-35.4	115.4	-40.9	-89.2	7.3	344.1	1643.8	2332.0	-12.3	-	0.9	-	-40.7	15.3	0.7	-13.5	14.8	66.5	-3.5	136.5	
		m	0.7	-9.3	10.7	35.7	-15.3	86.7	-23.0	-65.3	19.2	242.3	410.6	895.2	-1.9	-	10.9	7.2	-1.8	-22.1	18.5	1.7	-7.4	10.7	44.3	4.3	84.2
		h	8.0	-6.4	22.3	28.2	-11.9	68.2	28.2	-32.3	88.7	107.1	149.0	363.3	13.4	-2.7	29.5	14.7	-18.2	47.7	3.2	-8.5	14.9	16.5	-24.1	57.1	
	Santander	l	12.5	1.5	23.6	22.3	-9.1	53.7	-	-	-	-	-	-	7.4	-5.1	19.8	95.4	-15.9	206.7	17.0	-2.5	36.5	17.9	-3.2	39.0	
		m	15.8	6.7	24.9	14.5	-8.5	37.6	-	-	-	-	-	-	11.2	3.0	19.3	-	-42.7	16.8	22.0	8.6	35.5	12.6	-0.4	25.6	
		h	22.6	8.6	36.7	0.5	-21.8	22.9	-	-	-	-	-	-	16.7	3.4	29.9	63.1	-9.8	136.1	28.8	8.9	48.6	6.2	-13.6	26.0	

Country	City		PM10						PM2.5						O3						NO2							
			CVD			RD			CVD			RD			CVD			RD			CVD			RD				
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI		
Soria	l	76.6	-17.2	170.4	178.1	-	2013	2017	-	-	-	-	-	-	15.7	-	70.5	207.0	-	2042	2084	42.7	-18.7	104.0	29.9	-	1432	1492
	m	53.9	-5.0	112.8	-16.9	-	278.0	244.3	-	-	-	-	-	-	30.1	-5.6	65.9	22.7	-	182.2	227.6	42.1	1.4	82.7	38.4	-	138.0	214.8
	h	28.3	-16.2	72.8	-41.2	-	147.0	64.6	-	-	-	-	-	-	45.3	-4.9	95.5	-	-	163.6	0.1	41.2	-14.4	96.9	-58.0	-	210.0	94.0
Sevilla	l	73.9	28.6	119.2	-9.7	-	-27.9	8.5	-	-	-	-	-	-3.2	-9.0	2.6	3.4	-10.7	-	17.6	18.8	-0.6	38.2	24.6	-	1.2	47.9	
	m	64.1	36.2	92.0	7.8	-	-7.6	23.2	-	-	-	-	-	2.7	-1.6	7.0	15.8	5.4	-	26.2	23.1	12.6	33.6	21.0	-	6.1	35.8	
	h	51.4	30.9	71.8	16.6	-	-5.6	38.8	-	-	-	-	-	7.8	2.1	13.5	24.8	9.1	-	40.4	21.7	7.5	35.8	8.3	-	-11.6	28.3	
Teruel	l	-19.3	-56.2	17.5	-	-	-	-	-	-	-	-	-	-3.3	-	17.8	-	-	1818	1778	9.6	-13.0	32.2	150.7	-	831.9	1133.4	
	m	-13.2	-51.4	24.9	-	-	-	-	-	-	-	-	-	13.0	-3.3	29.4	147.3	-	-	105.8	400.4	2.4	-13.5	18.2	140.4	-	130.1	410.8
	h	5.3	-83.0	93.5	-	-	-	-	-	-	-	-	-	30.2	-0.2	60.5	28.9	-	-	263.4	321.1	-9.0	-32.7	14.7	139.0	-	450.7	728.7
Tenerife	l	37.1	-20.7	95.0	-2.4	-	108.2	103.3	5.2	-41.9	52.3	339.9	-	1221.8	13.9	-	61.7	24.1	-	167.5	215.7	31.8	-8.8	72.5	21.7	-	-72.4	115.8
	m	31.0	-13.2	75.2	157.2	-3.4	-	317.7	7.3	-30.7	45.3	170.0	-	526.2	23.3	-8.9	55.6	22.2	-	-54.5	99.0	38.1	8.0	68.1	25.7	-	-28.9	80.3
	h	16.0	-18.5	50.4	-68.9	-	110.4	-27.5	5.7	-38.3	49.6	-55.1	-	110.0	-0.2	32.5	-7.3	72.4	-	-33.9	-87.2	19.4	42.5	4.1	80.9	6.2	-	-49.8
Toledo	l	-10.7	-24.6	3.2	19.1	-	-60.3	98.4	-18.3	-54.1	17.5	43.3	-	182.4	12.7	-	36.4	-	-	189.0	155.5	-4.9	-18.5	8.7	54.3	-	-27.0	135.7
	m	-8.4	-20.5	3.7	38.2	-	-22.1	98.5	4.4	-31.3	40.0	72.1	-	239.9	-2.5	-	10.5	94.1	-	-15.9	204.1	-3.5	-14.4	7.4	35.8	-	-13.7	85.3
	h	-1.4	-20.3	17.4	127.9	-	-12.6	268.4	-20.2	-57.1	16.6	140.2	-	395.5	-14.2	-	2.4	1.8	-	-73.6	77.2	-3.4	-20.8	14.1	145.2	-	-67.1	357.4

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
	Tarrago	l	-	-	-	-	-	-	-	-	-	-	-	-	8.3	-10.5	27.1	82.6	-76.7	242.0	1.4	-8.6	11.4	10.1	-25.3	45.4
		m	-	-	-	-	-	-	-	-	-	-	-	-	1.8	-10.4	13.9	-9.3	-47.5	28.9	4.5	-3.8	12.7	8.9	-16.9	34.8
		h	-	-	-	-	-	-	-	-	-	-	-	-	-2.2	-19.2	14.9	-3.3	-67.3	60.7	8.7	-3.2	20.7	1.9	-39.8	43.6
	Vitoria	l	-7.9	-20.9	5.2	2.2	-30.9	35.4	-8.8	-46.2	28.6	-35.1	-96.7	26.5	7.6	-37.1	52.2	-12.0	-66.3	42.4	26.2	-8.5	60.9	14.9	-30.5	60.2
		m	0.7	-9.5	10.9	7.0	-14.9	28.9	7.7	-26.1	41.4	-25.2	-74.6	24.2	-0.5	-22.5	21.6	23.2	-16.8	63.1	16.3	-3.1	35.6	34.7	2.4	67.0
		h	10.8	-5.4	27.0	63.2	18.2	108.2	48.4	-10.4	107.3	15.8	-80.8	112.3	-0.3	-30.0	29.4	50.6	-17.2	118.5	-12.6	-40.7	15.6	49.3	-14.2	112.8
	Valladolid	l	1.3	-12.3	15.0	-17.0	-36.0	2.0	-0.4	-15.1	14.2	-17.6	-38.0	2.9	7.8	-4.0	19.7	-13.7	159.7	132.2	25.1	1.2	49.0	8.0	-20.7	36.6
		m	9.3	-2.5	21.1	-10.7	-27.8	6.4	8.3	-4.4	21.0	-11.6	-30.1	6.8	9.8	2.3	17.3	77.0	-21.1	175.1	24.3	9.2	39.3	12.4	-7.7	32.5
		h	17.4	0.1	34.7	-1.8	-28.2	24.7	13.4	-4.2	31.0	-5.4	-32.1	21.3	14.8	1.7	27.9	-8.1	-47.2	31.1	20.1	0.4	39.8	19.3	-8.3	46.9
	Valencia	l	4.1	-9.8	17.9	8.5	-13.5	30.6	4.1	-9.8	17.9	8.5	-13.5	30.6	9.1	-2.3	20.6	-3.6	-23.5	16.4	11.6	1.0	22.2	7.2	-7.2	21.6
		m	3.3	-6.4	13.0	8.1	-7.6	23.7	3.3	-6.4	13.0	8.1	-7.6	23.7	6.2	-1.0	13.3	6.4	-6.8	19.5	13.3	5.3	21.2	8.6	-2.6	19.8
		h	2.3	-8.3	12.9	7.4	-10.0	24.9	2.3	-8.3	12.9	7.4	-10.0	24.9	1.5	-8.7	11.8	11.7	-10.2	33.5	15.6	2.7	28.5	10.7	-6.6	28.1
	Zamora	l	-3.3	-47.2	40.7	-10.7	371.3	349.8	-	-	-	-	-	-	-19.6	-81.7	42.4	117.7	-725.2	960.5	-22.7	-65.6	20.1	-4.1	-59.1	51.0
		m	-0.7	-31.3	29.9	69.6	-95.3	234.4	-	-	-	-	-	-	-6.8	-43.1	29.5	-14.8	-98.7	69.0	-3.3	-31.8	25.1	39.5	-9.2	88.2
		h	3.8	-31.8	39.4	43.6	103.0	190.2	-	-	-	-	-	-	15.8	-31.3	62.9	65.5	-68.6	199.5	32.0	-28.7	92.6	105.0	-10.9	220.8
	Zaragoza	l	17.7	5.1	30.3	6.1	-11.6	23.8	-	-	-	-	-	-	23.7	-1.4	48.7	1.5	-10.7	13.7	11.0	-9.8	31.9	13.8	-8.1	35.6
		m	17.5	8.4	26.6	11.3	-1.8	24.4	-	-	-	-	-	-	20.0	8.0	32.0	16.0	7.8	24.2	22.3	9.6	35.0	16.3	1.7	30.9
		h	17.0	5.9	28.2	40.9	14.5	67.3	-	-	-	-	-	-	16.0	2.5	29.5	28.4	15.9	40.9	26.3	8.2	44.4	33.7	6.2	61.1
Switzerland	Basel	l	-14.7	-24.1	-5.4	-2.2	-26.5	22.2	-13.0	-22.8	-3.2	-7.1	109.4	95.3	-7.0	-18.9	4.9	-7.0	-45.0	31.0	-7.3	-22.7	8.1	13.1	-47.3	73.4
		m	-10.3	-17.7	-2.9	-0.6	-20.5	19.3	-9.2	-17.5	-0.9	-0.3	-64.6	64.0	3.1	-6.3	12.5	5.3	-20.9	31.6	-5.5	-15.1	4.0	19.4	-19.3	58.2
		h	-2.1	-12.0	7.8	2.6	-22.4	27.7	-1.6	-13.1	9.8	13.4	-48.4	75.3	15.9	1.0	30.9	12.3	-34.8	59.3	11.4	-11.2	34.0	22.2	-39.5	84.0

Country	City		PM10						PM2.5						O3					NO2								
			CVD			RD			CVD			RD			CVD			RD		CVD			RD					
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI		
	Bern	l	-7.7	-27.7	12.3	11.8	-21.6	45.2	-6.7	-20.2	6.9	48.6	-17.1	114.4	-0.3	-	15.1	14.5	18.7	-27.7	65.1	28.3	-21.9	78.5	8.8	-23.3	41.0	
		m	-4.5	-18.6	9.6	28.8	-0.6	58.3	-5.3	-16.2	5.7	40.1	-2.3	82.6	3.7	-6.6	13.9	29.1	-4.3	62.4	15.9	-12.0	43.8	27.8	1.6	54.1		
		h	-2.1	-22.0	17.8	56.0	2.0	110.0	-2.4	-17.2	12.4	58.3	-7.6	124.2	7.7	-7.6	23.1	40.2	-13.4	93.7	2.2	-21.4	25.7	47.0	4.2	89.8		
	Geneve	l	-5.7	-18.5	7.1	-7.9	-94.2	78.3	-	-	-	-	-	-	-6.5	-	21.2	8.2	11.2	-99.4	121.9	6.4	-14.3	27.1	20.0	-53.2	93.1	
		m	-2.1	-12.4	8.2	44.7	-28.5	117.8	-	-	-	-	-	-	1.3	-9.4	12.0	32.9	-36.6	102.3	6.1	-8.9	21.2	55.9	-6.1	117.8		
		h	4.7	-8.4	17.8	93.5	-19.4	206.5	-	-	-	-	-	-	10.0	-5.9	25.9	44.1	-21.1	109.3	5.8	-13.3	24.8	110.6	12.7	208.6		
	Lausanne	l	3.3	-17.5	24.2	36.7	-50.0	123.4	-	-	-	-	-	-	-12.9	-	72.7	47.0	117.7	-	323.2	558.7	-21.1	-44.5	2.3	36.4	-41.5	114.2
		m	1.4	-14.3	17.1	38.8	-23.9	101.6	-	-	-	-	-	-	-10.9	-	42.5	20.6	95.8	-66.7	258.2	-10.8	-26.7	5.1	30.9	-14.4	76.1	
		h	-2.4	-19.4	14.6	43.1	-21.0	107.3	-	-	-	-	-	-	2.8	-	27.2	32.8	40.8	-45.8	127.4	1.2	-20.0	22.5	25.7	-26.1	77.4	
	Lugano	l	-7.6	-16.4	1.2	-2.1	-68.5	64.3	1.3	-12.7	15.4	3.6	-74.7	81.9	-1.7	-	16.0	12.6	7.7	-	112.4	127.7	4.2	-5.6	14.1	36.3	-25.8	98.5
		m	-2.6	-10.5	5.3	23.6	-26.2	73.4	5.8	-6.6	18.1	25.6	-37.6	88.9	-1.2	-	11.1	8.7	16.3	-50.6	83.3	4.7	-3.0	12.4	44.7	-5.6	95.0	
		h	7.9	-3.3	19.1	25.1	-67.3	117.4	13.8	-2.6	30.3	17.8	-94.7	130.2	4.8	-	11.4	21.1	25.8	-28.6	80.2	5.5	-6.5	17.5	29.1	-78.6	136.8	
	Luzern	l	-4.2	-18.7	10.4	-10.0	-	281.6	261.7	-	-	-	-	-	-5.7	-	22.6	11.2	5297.29.8	-	-	-4.6	-18.3	9.1	33.3	106.3	172.9	
		m	-3.8	-15.3	7.6	-23.7	110.6	63.2	-	-	-	-	-	-	-8.5	-	20.3	3.2	1390.3	-	1882.37.0	1910.17.7	-2.3	-12.1	7.6	-6.2	-62.7	50.4
		h	-3.3	-18.1	11.5	155.8	-	230.3	542.0	-	-	-	-	-	-11.3	-	27.6	5.1	-	36.2	129.9	57.4	1.8	-15.7	19.4	89.4	158.8	337.6
	St. Gallen	l	-12.5	-26.5	1.5	-55.1	468.1	357.9	-	-	-	-	-	-	-10.4	-	24.0	3.2	-	30.8	-	150.6	-10.0	-22.9	2.8	30.3	382.6	443.2
		m	-9.2	-19.8	1.4	-53.1	143.3	37.1	-	-	-	-	-	-	-3.4	-	15.6	8.7	-	23.0	-	120.7	74.6	-6.7	-16.0	2.6	12.4	-94.4

Country	City		PM10						PM2.5						O3						NO2								
			CVD			RD			CVD			RD			CVD			RD			CVD			RD					
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI			
		h	1.0	-15.6	17.6	-11.7	-	149.2	125.9	-	-	-	-	-	5.9	-	12.4	24.3	-	12.2	-90.3	65.8	1.2	-15.9	18.3	-18.8	-	1103.3	1065.7
	Zürich	l	-9.6	-17.1	-2.1	2.2	-29.8	34.2	-1.5	-11.1	8.2	30.7	130.6	192.0	-8.4	-	22.0	5.2	1.5	-23.8	26.8	-2.0	-10.1	6.0	15.8	-14.2	45.8		
		m	-6.8	-12.4	-1.2	6.4	-16.3	29.2	0.0	-7.7	7.7	14.7	-61.2	90.6	1.6	-8.4	11.6	9.0	-9.6	27.6	0.6	-4.6	5.7	19.3	-1.0	39.6			
		h	0.5	-8.1	9.0	58.1	5.8	110.5	2.6	-8.3	13.5	46.2	-46.6	139.0	12.9	1.7	24.0	24.5	-7.3	56.3	4.2	-4.5	12.9	33.3	-9.8	76.3			
Taiwan	Kaohsiung	l	12.3	1.5	23.1	14.3	-0.7	29.2	8.6	-0.1	17.2	4.3	-6.1	14.7	12.2	-1.5	25.9	7.4	-5.8	20.6	10.3	3.0	17.5	7.8	-2.5	18.2			
		m	17.6	7.0	28.3	8.8	-2.8	20.4	12.4	3.1	21.7	4.7	-4.6	13.9	18.6	7.4	29.8	7.1	-2.5	16.8	7.8	0.7	14.8	3.5	-6.8	13.8			
		h	3.9	-27.8	35.7	-5.6	-39.3	28.2	-3.5	-29.9	22.8	5.7	-13.6	25.1	18.1	-6.3	42.5	6.7	-12.7	26.1	4.6	-9.8	19.0	2.3	-20.3	25.0			
	Taipei	l	1.5	-3.7	6.6	2.4	-5.5	10.4	10.2	-3.1	23.5	3.7	-1.1	8.5	8.4	-0.9	17.7	2.8	-1.1	6.7	5.8	-1.9	13.5	-0.3	-10.4	9.8			
		m	4.7	0.1	9.2	3.3	-3.1	9.6	23.1	9.0	37.1	3.6	-0.2	7.5	9.3	1.9	16.8	3.3	0.7	5.8	-0.9	-6.8	5.0	-3.7	-11.3	3.9			
		h	1.1	-7.9	10.0	6.1	-7.0	19.3	-4.4	-23.3	14.6	-0.7	-8.6	7.2	14.5	2.5	26.4	3.8	-0.3	7.9	1.1	-10.0	12.2	-2.0	-16.5	12.4			
	Taichung	l	-6.1	-19.0	6.9	2.4	-5.4	10.2	5.3	-2.5	13.1	-1.6	-7.2	4.0	8.7	-1.0	18.4	-2.2	-8.9	4.4	4.4	-2.2	10.9	2.4	-4.1	8.8			
		m	15.8	4.7	27.0	2.5	-3.9	8.9	5.3	-0.7	11.3	-0.4	-4.6	3.9	7.0	0.3	13.7	-1.2	-5.8	3.5	3.3	-2.1	8.7	1.2	-4.0	6.5			
		h	-12.4	-31.1	6.2	3.8	-9.3	16.8	5.4	-5.3	16.0	2.4	-5.5	10.4	4.6	-6.1	15.4	0.4	-7.7	8.5	-1.1	-11.3	9.1	-0.5	-9.1	8.0			
Thailand	Ayutthaya	l	2.1	-14.2	18.4	74.9	-5.0	154.8	-	-	-	-	-	-	6.0	-44.6	56.6	16.9	-38.7	72.6	24.4	-14.3	63.2	34.3	-16.9	85.6			
		m	4.3	-8.3	16.9	58.5	1.5	115.6	-	-	-	-	-	-	19.3	-15.0	53.5	28.7	-12.2	69.6	18.6	-5.7	42.8	19.7	-1.9	41.3			
		h	10.6	-7.8	29.1	20.0	-22.6	62.6	-	-	-	-	-	-	12.4	-24.2	49.0	50.3	1.0	99.6	11.4	-17.4	40.2	1.6	-22.5	25.6			
	Bangkok	l	9.6	1.3	18.0	11.1	5.6	16.6	-	-	-	-	-	-	6.9	-2.4	16.2	9.1	2.4	15.7	12.5	5.0	19.9	9.8	-7.7	27.2			
		m	6.0	0.3	11.7	8.5	5.0	11.9	-	-	-	-	-	-	6.8	0.1	13.6	9.2	4.3	14.2	7.5	2.2	12.9	12.3	0.5	24.1			
		h	7.7	-4.1	19.5	4.0	-1.3	9.3	-	-	-	-	-	-	6.5	-1.0	14.0	4.3	-3.6	12.1	0.7	-10.4	11.8	21.0	-22.0	64.0			
	Chachoengsao	l	31.2	-6.9	69.3	5.1	-17.7	27.8	-	-	-	-	-	-	12.9	-12.3	38.1	-	17.9	-61.2	25.5	-7.2	-31.7	17.2	-12.9	-47.1	21.3		
		m	2.8	-13.9	19.5	0.7	-16.0	17.4	-	-	-	-	-	-	3.9	-12.4	20.2	-6.7	-41.9	28.5	-8.0	-21.7	5.7	-1.4	-26.5	23.7			
		h	-22.9	-39.9	-6.0	-7.1	-22.7	8.5	-	-	-	-	-	-	-11.2	-26.0	3.6	14.0	-54.6	82.6	-7.9	-26.1	10.3	9.5	-35.8	54.9			
	Chon Buri	l	-2.8	-12.3	6.7	8.3	-7.5	24.1	-	-	-	-	-	-	1.8	-9.9	13.6	13.0	3.3	22.8	5.7	-10.7	22.0	18.9	-0.1	37.9			
		m	4.8	-1.3	10.9	12.2	1.3	23.1	-	-	-	-	-	-	5.3	-3.7	14.2	11.9	4.8	19.0	6.4	-3.6	16.3	6.8	-2.0	15.5			

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
Chiang Mai	h	4.4	-5.6	14.4	17.4	-4.5	39.2	-	-	-	-	-	-	8.9	-8.3	26.0	9.4	-2.3	21.1	6.9	-14.5	28.2	12.8	-4.2	29.7	
	l	2.2	-9.1	13.5	3.4	-8.5	15.2	-	-	-	-	-	-	37.2	-22.9	97.3	8.0	-6.0	22.0	0.5	-13.1	14.1	-10.0	-43.9	23.9	
	m	0.7	-8.3	9.8	3.4	-6.3	13.0	-	-	-	-	-	-	28.7	-16.4	73.7	5.6	-5.6	16.9	0.7	-8.6	10.1	-14.4	-36.6	7.7	
Khon Kaen	h	-4.4	-21.7	12.9	3.3	-16.0	22.6	-	-	-	-	-	-	-1.3	-22.8	20.2	-3.6	-21.1	13.9	1.0	-12.9	15.0	-2.1	-29.7	25.5	
	l	2.2	-16.1	20.4	16.6	-0.3	33.6	-	-	-	-	-	-	8.2	-22.4	38.7	9.2	-9.1	27.4	22.7	-25.4	70.7	23.4	2.2	44.6	
	m	21.4	7.5	35.3	15.2	3.8	26.5	-	-	-	-	-	-	9.8	-12.0	31.6	13.4	1.2	25.7	14.3	-10.4	39.1	19.4	6.3	32.5	
Lampang	h	0.2	-12.3	12.6	8.9	-7.3	25.1	-	-	-	-	-	-	13.1	-8.5	34.7	22.4	2.1	42.7	27.1	-18.4	72.5	8.8	-6.2	23.8	
	l	13.0	0.9	25.2	2.4	-10.8	15.7	-	-	-	-	-	-	-21.4	-40.9	-1.9	-4.3	-20.5	11.9	17.9	0.6	35.2	4.5	-12.1	21.0	
	m	13.3	2.8	23.8	5.2	-6.4	16.9	-	-	-	-	-	-	14.7	-1.6	31.0	1.9	-10.9	14.6	16.4	5.0	27.8	8.5	-3.7	20.7	
khon Ratchasima	h	15.1	-4.4	34.7	27.7	1.5	53.9	-	-	-	-	-	-	31.8	9.5	54.0	25.3	5.2	45.3	15.4	-2.9	33.7	21.8	0.9	42.7	
	l	14.2	-9.5	38.0	8.8	-2.9	20.5	-	-	-	-	-	-	-0.4	-8.9	8.1	1.2	-9.0	11.4	4.7	-6.6	15.9	5.2	-6.0	16.4	
	m	16.8	-0.7	34.3	8.6	1.2	15.9	-	-	-	-	-	-	2.4	-3.6	8.4	3.3	-3.8	10.4	7.2	1.3	13.1	7.8	1.1	14.5	
khon Sawan	h	22.6	-0.8	46.1	8.1	-3.4	19.5	-	-	-	-	-	-	8.3	0.0	16.6	7.6	-1.8	17.1	6.1	-2.7	14.9	11.5	0.9	22.0	
	l	-5.1	-23.6	13.4	4.7	-11.3	20.6	-	-	-	-	-	-	-43.3	-82.7	-3.9	13.9	-16.6	44.4	34.7	4.5	65.0	3.8	-10.7	18.3	
	m	24.2	10.5	37.9	6.2	-6.1	18.6	-	-	-	-	-	-	-20.4	-53.4	12.6	19.1	-2.8	41.0	30.5	8.6	52.5	9.3	-1.7	20.2	
Nonthaburi	h	14.0	-6.7	34.7	11.2	-7.6	30.0	-	-	-	-	-	-	58.9	17.5	100.3	17.7	-5.3	40.8	23.3	-4.5	51.1	19.8	-0.3	39.9	
	l	15.7	-6.1	37.4	8.0	-7.5	23.6	-	-	-	-	-	-	1.9	-19.1	22.9	4.2	-11.3	19.6	17.6	-6.4	41.6	5.0	-11.0	21.0	
	m	18.3	-0.2	36.9	2.0	-8.1	12.2	-	-	-	-	-	-	6.1	-10.0	22.2	3.0	-7.8	13.7	15.1	-2.9	33.0	2.6	-8.3	13.5	
Pathum Thani	h	22.7	-3.1	48.5	-2.3	-17.6	13.0	-	-	-	-	-	-	15.8	-3.9	35.4	0.4	-13.7	14.4	9.9	-14.4	34.3	-2.4	-18.0	13.2	
	l	-2.1	-19.4	15.3	-15.3	-33.3	2.7	-	-	-	-	-	-	-12.7	-32.8	7.3	74.1	-	346.5	1.4	-20.8	23.5	90.5	-	309.3	
	m	3.0	-9.6	15.6	-9.8	-23.2	3.5	-	-	-	-	-	-	-3.6	-15.1	8.0	-2.1	-52.2	48.1	2.7	-7.6	13.1	-2.9	-41.8	36.1	
Ratchaburi	h	17.2	-6.3	40.8	5.8	-18.4	30.0	-	-	-	-	-	-	13.9	-3.2	31.0	-	-84.5	-8.2	3.8	-10.9	18.5	-42.6	-77.9	-7.3	
	l	14.0	-18.1	46.1	61.0	-5.3	127.2	-	-	-	-	-	-	25.2	-43.3	93.7	62.3	-30.1	154.7	4.9	-24.7	34.6	41.4	-18.8	101.6	
	m	20.0	-3.7	43.7	30.4	-7.0	67.7	-	-	-	-	-	-	26.8	-20.0	73.6	41.1	-14.0	96.2	22.8	-0.6	46.1	16.8	-16.9	50.5	
	h	42.4	-13.3	98.0	-32.6	-76.5	11.3	-	-	-	-	-	-	31.2	-11.5	73.8	-2.0	-38.4	34.4	48.3	-4.0	100.6	-6.3	-54.0	41.4	

Country	City		PM10						PM2.5						O3						NO2						
			CVD			RD			CVD			RD			CVD			RD			CVD			RD			
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	
	Rayong	l	5.0	-13.0	23.0	28.4	-2.6	59.5	-	-	-	-	-	-	3.1	-19.2	25.4	30.7	-29.2	90.5	11.7	-9.0	32.4	-11.9	-38.7	15.0	
		m	7.9	-6.0	21.8	21.2	-2.1	44.6	-	-	-	-	-	-	5.4	-9.2	20.0	29.3	-9.2	67.8	9.1	-5.0	23.1	7.6	-16.3	31.5	
		h	17.1	-13.2	47.5	2.2	-38.0	42.5	-	-	-	-	-	-	10.0	-10.2	30.3	22.4	-27.4	72.1	3.3	-20.4	27.0	34.1	-20.3	88.5	
	Samutprakarn	l	6.8	-16.2	29.8	0.6	-11.5	12.8	-	-	-	-	-	-	6.0	-18.7	30.8	0.4	-31.0	31.8	8.1	-1.7	18.0	6.0	-6.3	18.2	
		m	6.0	-9.0	20.9	4.5	-3.2	12.3	-	-	-	-	-	-	0.8	-14.2	15.8	3.1	-16.5	22.7	6.1	-0.7	13.0	5.7	-3.0	14.4	
		h	6.5	-17.4	30.5	10.1	-2.9	23.2	-	-	-	-	-	-	-9.5	-35.4	16.4	4.7	-31.1	40.6	0.2	-10.4	10.9	5.7	-8.5	19.9	
	Samut Sakhon	l	-0.1	-15.4	15.1	25.9	1.7	50.1	-	-	-	-	-	-	7.7	-13.8	29.3	4.1	-10.7	18.9	20.0	-3.1	43.1	13.1	-4.9	31.1	
		m	3.5	-6.5	13.5	8.2	-6.3	22.8	-	-	-	-	-	-	7.9	-8.9	24.8	5.7	-5.3	16.8	-0.7	-13.3	11.9	4.6	-6.1	15.3	
		h	9.6	-17.6	36.9	-20.0	-41.3	1.4	-	-	-	-	-	-	0.6	-30.0	31.1	10.3	-14.3	34.9	-13.1	-38.7	12.5	-6.5	-24.9	11.9	
	Songkhla	l	0.9	-7.6	9.5	-15.2	-38.5	8.0	-	-	-	-	-	-	0.8	-9.9	11.4	-2.3	-12.3	7.8	6.1	-3.7	15.9	-1.7	-16.1	12.8	
		m	5.2	-0.3	10.8	5.2	-11.3	21.7	-	-	-	-	-	-	-1.9	-9.5	5.8	0.0	-7.1	7.1	3.5	-2.0	9.0	-1.5	-10.2	7.3	
		h	15.3	-1.1	31.7	-18.9	-70.8	33.0	-	-	-	-	-	-	10.5	-4.6	25.7	5.2	-10.7	21.1	1.1	-9.9	12.2	-0.1	-19.1	18.9	
	Saraburi	l	9.8	-8.1	27.7	4.2	-35.5	43.9	-	-	-	-	-	-	-14.5	-47.7	18.6	18.4	-5.2	42.0	16.3	0.7	31.9	12.7	-8.4	33.8	
		m	7.8	-3.5	19.1	20.0	-10.0	50.0	-	-	-	-	-	-	3.7	-20.7	28.2	14.9	0.2	29.7	9.3	-1.3	19.9	14.1	-0.7	29.0	
		h	3.0	-15.2	21.2	48.9	-9.3	107.1	-	-	-	-	-	-	41.4	-2.1	85.0	8.7	-8.5	25.9	-2.8	-16.1	10.6	18.0	-6.5	42.5	
	Surat Thani	l	-9.2	-26.3	7.8	-12.4	-42.2	17.5	-	-	-	-	-	-	-1.7	-26.3	23.0	-5.1	-26.8	16.7	-6.9	-26.8	12.9	8.6	-19.1	36.2	
		m	-1.6	-14.2	11.0	9.8	-15.2	34.9	-	-	-	-	-	-	1.7	-14.4	17.7	0.1	-14.5	14.8	-0.1	-13.1	12.8	6.3	-10.8	23.5	
		h	16.9	-3.7	37.5	-4.2	-39.0	30.6	-	-	-	-	-	-	9.1	-25.2	43.4	6.4	-14.2	27.1	12.4	-9.2	34.0	4.4	-23.1	31.9	
	Yala	l	5.2	-38.5	49.0	-63.9	124.2	-3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		m	5.5	-22.4	33.4	-36.2	-94.4	21.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		h	6.3	-67.7	80.3	97.0	327.7	521.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	UK	Blackpool	l	-4.2	-22.4	14.0	20.7	-11.4	52.8	-	-	-	-	-	-	-1.5	-13.0	10.0	9.8	-9.7	29.3	4.2	-7.5	16.0	4.1	-14.3	22.4
			m	-11.4	-22.0	-0.7	16.8	-4.9	38.4	-	-	-	-	-	-	2.5	-5.4	10.4	6.7	-5.5	18.8	3.3	-5.3	11.8	4.8	-8.3	17.9

Country	City		PM10						PM2.5						O3						NO2						
			CVD			RD			CVD			RD			CVD			RD			CVD			RD			
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	
		m	-7.2	-18.6	4.3	15.0	-10.6	40.6	-	-	-	-	-	-	8.0	-24.7	40.7	107.3	-	431.3	645.8	1.4	-13.4	16.2	32.5	1.6	63.3
		h	10.4	-7.5	28.3	40.7	0.7	80.7	-	-	-	-	-	-	-5.4	-52.2	41.4	333.9	-	3501.6	4169.5	4.0	-16.9	25.0	43.7	1.4	86.1
	Coventry	l	-3.2	-16.2	9.8	12.1	-19.7	43.8	-	-	-	-	-	-	-3.6	-13.3	6.2	5.0	-10.5	20.5	-2.7	-12.5	7.1	31.1	12.3	49.9	
		m	-2.5	-13.0	8.1	17.4	-9.3	44.1	-	-	-	-	-	-	-0.5	-7.7	6.7	14.7	2.5	26.9	-1.0	-8.3	6.3	23.3	10.2	36.3	
		h	-1.0	-14.1	12.1	29.0	-0.9	58.8	-	-	-	-	-	-	3.3	-6.0	12.5	27.4	11.1	43.6	2.0	-7.7	11.6	10.7	-4.4	25.8	
	Eastbourne	l	-9.2	-23.2	4.9	-14.5	-54.2	25.3	-1.4	-31.9	29.0	-31.8	-61.6	-1.9	12.8	-17.3	43.0	198.9	-	266.7	664.5	-8.9	-26.5	8.7	8.9	-	283.4
		m	-1.6	-15.0	11.8	-5.1	-34.5	24.4	-3.0	-23.7	17.8	-18.3	-47.4	10.8	18.7	-3.4	40.8	106.1	-34.0	246.3	-1.6	-15.8	12.6	13.4	-91.9	118.7	
		h	17.0	-1.7	35.6	16.2	-45.4	77.9	9.2	-25.8	44.3	18.5	-44.4	81.4	24.3	-0.5	49.2	28.1	-64.1	120.4	16.5	-3.8	36.8	13.4	-75.7	102.4	
	Kingston upon Hull	l	-2.0	-14.9	11.0	5.5	-8.2	19.1	2.6	-19.3	24.5	-5.4	-26.1	15.4	1.9	-6.6	10.5	-5.4	-17.1	6.2	0.3	-8.2	8.8	2.6	-10.2	15.4	
		m	-1.4	-9.5	6.7	0.8	-8.8	10.4	25.8	6.0	45.7	-6.8	-22.8	9.2	1.6	-4.2	7.3	-3.3	-11.3	4.8	-0.3	-5.9	5.3	-2.6	-10.7	5.5	
		h	-3.0	-14.3	8.2	-7.6	-21.5	6.3	10.8	-12.3	33.8	-6.2	-30.2	17.7	1.1	-7.1	9.3	0.1	-12.0	12.3	-1.1	-9.2	7.0	-9.0	-20.2	2.1	
	Leicester	l	-11.5	-24.1	1.2	1.0	-44.5	46.6	-15.9	-30.6	-1.3	28.6	-8.3	65.5	18.8	-7.6	45.2	24.3	-11.8	60.4	22.6	3.2	42.0	24.1	8.1	40.2	
		m	-2.3	-12.0	7.3	3.6	-31.5	38.8	-10.0	-21.5	1.6	24.7	-3.9	53.2	27.4	8.6	46.2	21.0	-4.2	46.1	28.3	13.4	43.2	14.7	3.9	25.5	
		h	21.7	4.0	39.4	9.4	-19.6	38.4	-5.7	-21.6	10.3	15.2	-19.5	49.8	33.8	14.6	52.9	16.0	-6.7	38.7	36.8	11.5	62.1	2.5	-11.0	16.1	
	London	l	-8.9	-22.1	4.3	-0.7	-12.8	11.3	-8.9	-22.1	4.3	-0.7	-12.8	11.3	1.2	-21.7	24.1	-2.7	-25.9	20.5	-3.4	-14.9	8.1	3.2	-9.3	15.6	
		m	-10.1	-17.1	-3.2	2.6	-5.5	10.7	-10.1	-17.1	-3.2	2.6	-5.5	10.7	9.2	-0.4	18.8	12.7	1.4	24.1	8.8	2.2	15.4	20.9	13.1	28.6	
		h	9.8	2.7	16.9	16.6	8.8	24.5	9.8	2.7	16.9	16.6	8.8	24.4	21.8	13.3	30.3	35.5	25.6	45.4	22.2	15.1	29.2	32.8	24.3	41.2	
	Liverpool	l	0.5	-15.0	16.1	-1.1	-10.0	7.7	0.7	-10.1	11.6	6.7	-15.7	29.1	-12.7	-38.0	12.6	9.8	-7.1	26.7	-1.0	-27.9	25.8	-0.2	-19.6	19.3	
		m	-8.3	-18.3	1.7	0.1	-7.0	7.2	2.4	-6.5	11.2	12.7	-4.7	30.1	-0.7	-18.6	17.2	5.1	-4.9	15.0	-2.7	-19.6	14.1	-2.8	-15.3	9.7	
		h	-14.2	-27.0	-1.5	3.7	-6.0	13.4	6.6	-6.0	19.2	6.8	-15.5	29.2	23.0	-0.3	46.4	0.0	-12.6	12.7	-8.0	-32.5	16.6	-3.8	-23.9	16.4	
	Medway Towns	l	-14.0	-26.7	-1.3	5.3	-20.5	31.1	-	-	-	-	-	-	-12.5	-26.6	1.6	6.6	-23.3	36.4	-10.2	-30.7	10.3	20.3	-20.0	60.5	
		m	-8.8	-20.5	2.8	10.0	-13.5	33.4	-	-	-	-	-	-	-4.7	-15.5	6.1	9.3	-11.7	30.3	-1.8	-17.1	13.5	19.4	-5.5	44.3	
		h	5.9	-10.6	22.4	22.9	-8.1	54.0	-	-	-	-	-	-	4.5	-9.1	18.0	12.4	-11.4	36.1	12.8	-8.5	34.2	19.2	-18.3	56.7	

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
Manchester	l	-8.6	-14.7	-2.6	10.8	-0.9	22.5	4.6	-5.9	15.1	5.6	-3.1	14.2	-2.4	-13.4	8.7	8.4	-3.4	20.2	4.0	-5.0	13.1	17.1	5.9	28.2	
	m	-5.9	-9.8	-2.0	11.1	2.0	20.1	3.9	-3.8	11.7	5.2	-1.2	11.6	6.5	-0.7	13.6	15.0	6.7	23.4	5.1	-0.3	10.6	14.9	7.4	22.4	
	h	-1.8	-6.5	2.9	11.7	3.2	20.2	10.3	-2.0	22.7	4.9	-2.7	12.6	15.5	5.5	25.4	21.3	11.4	31.1	0.7	-8.2	9.7	11.9	2.4	21.4	
Northampton	l	-6.6	-27.7	14.6	8.4	124.6	141.3	-	-	-	-	-	-	-	-3.1	-16.4	10.2	9.6	-38.2	57.4	6.2	-10.4	22.7	26.1	-23.6	75.9
	m	-3.4	-23.3	16.4	20.8	-83.3	124.9	-	-	-	-	-	-	-	6.1	-4.6	16.8	20.6	-17.4	58.6	8.3	-3.0	19.5	31.8	-4.2	67.9
	h	3.1	-22.4	28.5	48.8	-62.9	160.4	-	-	-	-	-	-	-	20.1	4.8	35.4	36.5	-3.0	76.0	2.5	-12.2	17.3	44.9	-25.0	114.8
Norwich	l	-23.7	-36.0	-11.4	34.3	-4.7	73.4	-10.9	-30.2	8.4	43.3	-3.2	89.9	-9.5	-22.9	4.0	11.6	-14.2	37.5	-11.5	-37.3	14.4	12.0	-22.3	46.2	
	m	-18.9	-27.9	-9.9	26.8	-1.7	55.3	-9.6	-25.4	6.3	32.1	-1.4	65.6	-7.2	-16.0	1.6	11.0	-6.4	28.4	-7.2	-25.0	10.7	10.4	-13.6	34.4	
	h	-4.1	-19.4	11.1	16.4	-24.5	57.2	-5.9	-33.2	21.3	3.9	-42.9	50.8	-1.7	-14.2	10.8	10.1	-12.8	33.0	7.7	-22.7	38.1	9.0	-34.5	52.4	
Nottingham	l	-10.2	-19.6	-0.8	4.9	-10.4	20.2	10.0	-14.7	34.6	1.0	-15.8	17.8	2.8	-12.0	17.5	-2.6	-16.9	11.6	5.8	-5.3	16.8	2.4	-10.0	14.8	
	m	-7.2	-13.7	-0.6	6.0	-6.4	18.4	8.7	-10.3	27.7	1.0	-12.6	14.5	9.9	-0.1	20.0	5.8	-5.0	16.7	6.7	-1.4	14.8	6.5	-1.6	14.5	
	h	6.9	-4.6	18.5	8.2	-5.4	21.8	4.6	-17.6	26.8	1.1	-18.2	20.4	22.4	7.9	36.8	18.1	3.1	33.1	7.8	-2.9	18.5	3.7	-6.8	14.3	
Newport	l	13.9	-41.9	69.6	21.4	-15.1	57.9	-0.8	-26.0	24.4	1.3	-35.5	38.2	2.0	-22.4	26.3	25.2	-6.4	56.8	-1.9	-20.3	16.5	12.6	-13.9	39.0	
	m	10.5	-30.0	51.0	23.2	-6.2	52.7	-1.3	-20.1	17.4	9.3	-20.3	39.0	5.2	-12.4	22.7	18.2	-2.0	38.5	-1.2	-12.6	10.2	13.1	-5.2	31.5	
	h	5.2	-22.1	32.4	26.4	-8.7	61.4	-2.5	-30.4	25.4	28.3	-22.3	79.0	9.2	-9.1	27.5	10.3	-15.4	35.9	0.1	-20.2	20.4	14.0	-10.0	38.1	
Oxford	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-26.8	-54.5	0.8	326.4	-	1064.0
	m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-15.6	-38.5	7.3	235.2	-74.2	544.7
	h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.9	-29.3	41.2	129.1	-93.6	351.9
Plymouth	l	-3.1	-20.6	14.5	9.1	-17.6	35.9	7.0	-12.2	26.3	-11.3	-49.8	27.3	-0.2	-16.8	16.5	-3.0	-29.7	23.6	-8.7	-23.4	6.1	41.2	1.5	80.9	
	m	-2.3	-17.0	12.4	9.9	-12.6	32.3	7.1	-7.5	21.7	2.2	-31.0	35.4	-5.6	-17.3	6.1	21.0	-4.1	46.1	-1.4	-12.2	9.5	22.4	-0.9	45.7	
	h	-0.5	-14.5	13.6	11.5	-13.4	36.3	7.3	-17.1	31.7	39.2	-18.3	96.7	-10.5	-24.8	3.9	31.7	-4.8	68.2	10.8	-4.8	26.4	-0.8	-26.5	24.9	
Preston	l	-0.1	-19.6	19.4	-4.7	-28.9	19.6	-	-	-	-	-	-	19.9	-5.7	45.4	-	-53.4	13.4	1.7	-23.5	26.9	3.8	-41.9	49.5	
	m	1.2	-13.2	15.7	0.5	-19.9	20.9	-	-	-	-	-	-	-4.9	-18.3	8.4	-2.5	-29.5	24.5	2.2	-13.9	18.3	20.5	-14.5	55.4	

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
Reading	h	19.0	-5.8	43.9	15.2	-20.0	50.4	-	-	-	-	-	-	6.8	-13.3	26.8	22.3	-24.8	69.3	17.6	-19.0	54.3	55.1	-28.9	139.1	
	l	-4.3	-15.9	7.3	49.8	-17.7	117.4	2.0	-17.0	21.0	9.0	-20.8	38.8	5.0	-8.5	18.6	40.8	-38.5	120.1	9.4	-5.0	23.8	32.7	-36.1	101.6	
	m	-4.6	-13.5	4.4	39.9	-8.7	88.5	1.5	-13.3	16.2	10.6	-12.7	33.9	4.9	-4.3	14.0	29.4	-14.0	72.9	6.0	-3.2	15.2	16.5	-19.9	52.9	
Sheffield	h	-5.0	-17.5	7.6	22.2	-20.7	65.0	0.4	-20.4	21.2	14.8	-21.3	50.8	4.7	-7.6	16.9	21.5	-21.1	64.2	0.7	-11.7	13.0	-5.1	-57.0	46.8	
	l	-3.5	-11.5	4.4	-10.1	-27.2	7.0	-1.2	-12.7	10.3	-9.9	-27.1	7.4	10.6	-6.5	27.7	11.9	-12.2	36.0	-4.5	-13.4	4.3	2.7	-16.4	21.7	
	m	0.6	-5.3	6.6	0.2	-14.0	14.4	-1.5	-10.2	7.2	-8.6	-21.8	4.5	12.7	2.1	23.4	16.4	0.7	32.1	2.4	-3.0	7.9	8.1	-4.5	20.7	
Sunderland	h	8.7	0.1	17.3	31.9	5.5	58.2	-2.1	-14.8	10.6	-5.9	-25.8	14.0	15.1	2.0	28.2	21.0	1.7	40.3	4.1	-2.9	11.1	13.7	-8.3	35.8	
	l	-	-	-	-	-	-	-	-	-	-	-	-	37.1	-17.9	92.1	-1.0	-28.5	26.4	53.0	-12.4	118.5	9.8	-20.4	39.9	
	m	-	-	-	-	-	-	-	-	-	-	-	-	31.7	-2.5	65.9	5.0	-14.6	24.6	43.1	1.4	84.7	6.2	-15.3	27.7	
South Hampshire	h	-	-	-	-	-	-	-	-	-	-	-	-	25.3	-14.0	64.6	13.1	-15.1	41.3	23.8	-26.9	74.4	-1.1	-26.9	24.8	
	l	-11.6	-20.2	-2.9	-5.7	-15.4	3.9	17.0	-10.0	44.0	-5.5	-27.3	16.2	1.5	-14.3	17.3	4.0	-6.6	14.6	16.8	-1.5	35.2	4.7	-6.2	15.6	
	m	-8.3	-14.4	-2.2	0.2	-7.9	8.3	19.7	-0.4	39.7	1.9	-16.8	20.6	8.7	-2.9	20.3	6.3	-1.4	14.0	18.9	6.8	31.0	5.8	-2.0	13.6	
Southend-on-Sea	h	7.0	-4.0	18.0	11.9	-0.4	24.2	26.5	2.2	50.7	22.9	-3.1	49.0	18.6	7.7	29.5	9.2	-0.4	18.8	23.2	8.0	38.4	7.9	-2.6	18.3	
	l	-10.4	-23.2	2.3	1.4	-20.1	22.9	-48.1	101.8	5.6	24.0	109.9	158.0	-9.6	-18.5	-0.6	0.1	-15.5	15.7	-5.0	-14.2	4.1	-1.2	-16.2	13.8	
	m	-4.9	-16.5	6.7	4.5	-14.5	23.5	-23.0	-77.9	31.8	23.0	-70.0	116.1	-0.6	-7.7	6.4	4.4	-7.1	16.0	-1.3	-8.5	5.9	3.7	-8.0	15.4	
Stoke-on-Trent	h	9.6	-4.9	24.1	12.1	-12.1	36.4	95.0	-64.7	254.7	21.6	120.4	163.6	11.2	1.6	20.8	9.8	-5.2	24.8	6.3	-3.6	16.2	13.7	-3.4	30.7	
	l	-14.1	-33.8	5.5	4.5	-12.9	21.9	12.7	-17.7	43.0	-7.6	-35.0	19.7	-4.0	-16.0	7.9	-6.9	-22.2	8.3	24.7	-9.5	58.9	12.3	-9.7	34.3	
	m	-11.6	-25.6	2.4	5.6	-7.3	18.4	-1.1	-21.3	19.0	4.0	-19.5	27.6	1.2	-7.4	9.8	4.6	-7.0	16.2	15.3	-2.3	32.9	12.2	-3.5	27.9	
Swansea	h	2.6	-15.7	20.9	7.8	-11.1	26.7	-18.9	-42.3	4.5	32.9	-5.9	71.7	7.7	-5.8	21.2	20.2	2.2	38.2	3.1	-30.2	36.3	12.1	-10.6	34.8	
	l	-5.5	-17.8	6.7	7.4	-16.1	31.0	10.8	-7.3	29.0	18.7	111.8	149.3	4.7	-23.5	32.8	10.3	-19.0	39.6	-16.4	-30.9	-1.9	15.5	-12.3	43.3	
	m	-4.7	-14.7	5.3	3.1	-14.6	20.7	7.7	-6.0	21.5	20.0	-45.9	85.8	6.9	-12.2	26.1	3.0	-16.2	22.2	-4.7	-14.5	5.1	4.3	-11.8	20.4	
	h	-3.1	-16.1	9.9	-4.9	-27.4	17.5	3.4	-14.9	21.8	1.0	-68.7	70.8	7.7	-18.9	34.3	-5.3	-26.4	15.9	13.5	-1.4	28.4	-9.8	-29.4	9.7	

Country	City		PM10						PM2.5						O3			NO2								
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
Thanet	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-5.7	-25.9	14.6	65.9	-70.3	202.2
	m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-4.9	-21.0	11.1	94.3	-9.5	198.1
	h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-3.1	-25.1	18.8	91.8	-8.2	191.8
Teesside	l	3.4	-6.1	13.0	3.2	-12.8	19.2	6.5	-7.5	20.6	15.3	-3.1	33.6	10.8	-1.6	23.1	-2.8	-39.0	33.5	-1.0	-13.2	11.1	-2.6	-21.3	16.1	
	m	2.6	-4.2	9.4	2.6	-8.1	13.3	3.3	-7.8	14.5	12.9	-1.7	27.5	6.9	-1.2	15.0	3.9	-21.9	29.8	4.0	-4.4	12.3	16.0	1.4	30.7	
	h	2.0	-8.5	12.5	19.4	0.1	38.7	-5.2	-20.9	10.5	6.5	-15.8	28.8	0.8	-10.0	11.7	16.1	-21.2	53.4	9.1	-3.2	21.5	39.5	13.2	65.7	
Tyneside	l	-9.4	-16.8	-2.0	-9.6	-25.3	6.1	-5.4	-13.0	2.1	-10.3	-20.8	0.3	-20.2	-49.7	9.4	-	-19.7	-47.2	7.8	1.2	-20.3	22.8	-7.5	-38.7	23.7
	m	-10.5	-15.4	-5.5	-4.0	-16.9	8.9	-4.2	-10.4	2.0	-6.8	-15.6	1.9	-10.2	-31.4	11.1	2.8	-19.8	25.3	3.4	-11.9	18.8	27.8	-1.5	57.2	
	h	-1.4	-10.1	7.2	9.5	-6.9	25.9	-1.3	-10.0	7.4	1.8	-12.0	15.7	17.3	-20.3	54.9	4.6	-30.7	40.0	-14.0	-37.7	9.7	10.7	-38.3	59.7	
Wigan	l	29.7	-65.3	124.6	610.6	3859.9	5081.0	-	-	-	-	-	-	53.5	-70.3	177.2	80.7	-92.7	254.1	18.8	-52.3	89.8	32.1	-60.3	124.6	
	m	24.9	-49.1	98.8	27.0	221.7	275.8	-	-	-	-	-	-	34.8	-30.2	99.7	31.0	-48.5	110.4	18.2	-25.9	62.2	11.8	-31.4	55.0	
	h	10.9	-50.1	71.9	-67.7	301.8	166.4	-	-	-	-	-	-	8.2	-63.4	79.7	-	-15.8	-77.6	46.0	3.2	-56.8	63.3	19.7	-54.8	94.3
Warrington	l	10.5	-12.6	33.7	-11.6	-40.4	17.1	15.1	-18.3	48.4	-14.2	-42.9	14.5	-	-	-	-	-	-	-	18.3	-29.7	66.3	38.3	-73.5	150.0
	m	9.7	-8.2	27.6	-8.6	-31.3	14.1	7.1	-16.9	31.1	-12.6	-34.8	9.6	-	-	-	-	-	-	-	28.8	-10.9	68.5	21.1	-56.1	98.3
	h	7.4	-16.1	31.0	4.1	-28.6	36.8	-5.4	-38.0	27.2	-6.2	-36.6	24.2	-	-	-	-	-	-	-	49.5	-0.6	99.6	53.6	-32.8	139.9
West Midlands	l	-9.2	-15.9	-2.4	12.1	-0.7	25.0	-4.9	-10.3	0.5	9.3	-5.0	23.6	-1.7	-14.9	11.5	12.4	-2.3	27.1	2.2	-8.4	12.9	14.7	2.9	26.6	
	m	-9.0	-13.4	-4.6	11.2	1.6	20.9	-3.4	-7.4	0.6	10.8	-0.1	21.8	10.7	2.4	19.0	15.4	5.7	25.0	5.1	-1.3	11.4	15.0	7.3	22.8	
	h	7.8	0.1	15.6	8.9	0.3	17.5	-1.6	-7.7	4.6	14.6	0.8	28.4	22.6	13.4	31.8	18.8	9.7	28.0	11.7	1.8	21.7	15.4	3.9	27.0	
West Yorkshire	l	-9.7	-16.4	-2.9	3.3	-6.3	12.9	4.8	-6.5	16.1	2.0	-7.1	11.2	-4.2	-12.6	4.3	0.3	-9.2	9.8	7.7	-0.6	16.0	10.4	1.1	19.7	
	m	-10.2	-14.7	-5.6	3.5	-4.1	11.2	3.6	-5.3	12.5	2.5	-4.8	9.9	3.3	-2.5	9.1	6.8	0.0	13.6	4.7	-1.2	10.5	8.8	1.9	15.7	
	h	2.7	-5.2	10.6	4.1	-4.4	12.6	0.2	-9.6	10.0	3.9	-5.8	13.5	8.2	-0.2	16.6	15.9	7.0	24.8	-0.8	-9.3	7.7	6.7	-1.9	15.3	

Country	City		PM10						PM2.5						O3					NO2						
			CVD			RD			CVD			RD			CVD			RD		CVD			RD			
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
	York	l	-11.7	-36.1	12.7	22.6	-15.1	60.4	-11.0	-39.3	17.3	15.0	-26.3	56.4	-	-	-	-	-	-	42.1	-55.1	139.4	83.1	-66.1	232.3
		m	-6.5	-25.4	12.4	21.7	-7.5	50.9	-7.9	-28.9	13.1	16.9	-14.6	48.4	-	-	-	-	-	-	11.3	-29.9	52.5	63.5	-22.0	149.1
		h	4.3	-40.0	48.5	19.3	-24.4	63.0	-6.9	-50.3	36.5	14.2	-35.7	64.0	-	-	-	-	-	-	-59.9	120.9	1.2	31.6	131.7	194.9
USA	Augusta	l	-	-	-	-	-	-	-	-	-	-	-	-	-11.8	-29.2	5.6	17.7	-14.5	49.8	-	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	-	-3.0	-15.5	9.5	1.7	-15.4	18.7	-	-	-	-	-	-
		h	-	-	-	-	-	-	-	-	-	-	-	-	7.5	-10.4	25.4	0.2	-29.3	29.8	-	-	-	-	-	-
	Akron	l	-9.6	-34.4	15.2	-8.6	-36.6	19.5	-9.6	-34.4	15.2	-8.6	-36.9	19.7	-1.0	-7.1	5.2	3.9	-6.4	14.1	-	-	-	-	-	-
		m	-8.8	-26.6	8.9	-8.9	-29.8	12.1	-8.8	-26.5	8.9	-8.9	-29.9	12.2	0.2	-5.0	5.3	2.6	-5.8	11.0	-	-	-	-	-	-
		h	-6.4	-24.7	11.9	-5.5	-30.8	19.8	-6.4	-24.7	11.9	-5.5	-30.8	19.7	1.4	-7.1	9.9	1.2	-12.3	14.8	-	-	-	-	-	-
	Albany	l	-	-	-	-	-	-	-	-	-	-	-	-	-6.5	-14.9	1.8	4.8	-30.7	40.3	-	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	-	-7.2	-14.5	0.2	6.3	-20.4	33.0	-	-	-	-	-	-
		h	-	-	-	-	-	-	-	-	-	-	-	-	-8.1	-19.4	3.3	9.6	-25.1	44.2	-	-	-	-	-	-
	Albuquerque	l	8.8	-2.1	19.7	4.2	-8.4	16.8	8.8	-2.1	19.7	4.2	-8.4	16.8	0.7	-16.4	17.7	9.7	-3.4	22.7	-10.8	-32.8	11.2	10.7	-2.3	23.8
		m	6.1	-2.8	15.0	4.4	-6.6	15.4	6.1	-2.8	15.0	4.4	-6.6	15.4	-1.2	-11.8	9.4	5.7	-3.1	14.5	-4.3	-19.6	11.1	4.7	-4.7	14.2
		h	1.4	-8.3	11.2	2.8	-10.7	16.4	1.4	-8.3	11.2	2.8	-10.7	16.4	-2.8	-15.4	9.8	2.1	-9.7	13.9	5.5	-22.3	33.2	-3.0	-15.1	9.2
	Allentown	l	-3.2	-12.7	6.2	9.1	-12.2	30.3	-3.2	-12.2	5.9	8.6	-13.7	30.8	-3.8	-12.8	5.2	13.5	-6.5	33.4	3.4	-5.5	12.3	11.1	-23.6	45.9
		m	-2.3	-11.1	6.5	8.6	-9.9	27.1	-2.7	-11.0	5.6	9.5	-8.8	27.9	-1.3	-9.1	6.4	9.8	-6.0	25.6	0.2	-6.5	6.9	5.1	-19.3	29.5
		h	-0.4	-13.9	13.0	6.6	-21.2	34.3	-1.8	-14.1	10.6	13.6	-16.6	43.8	1.7	-10.9	14.4	5.5	-18.7	29.7	-4.1	-13.3	5.0	9.3	-33.5	52.2
	Anchorage	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Aheim	l	-	-	-	-	-	-	-	-	-	-	-	-	-9.8	-34.9	15.4	-1.6	-15.7	12.5	-3.9	-17.2	9.3	2.7	-12.3	17.7

Country	City		PM10						PM2.5						O3						NO2						
			CVD			RD			CVD			RD			CVD			RD			CVD			RD			
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	
		m	-	-	-	-	-	-	-	-	-	-	-	-	1.3	-13.7	16.3	0.4	-9.4	10.1	-0.7	-9.6	8.3	1.9	-9.3	13.2	
		h	-	-	-	-	-	-	-	-	-	-	-	-	0.3	-11.1	11.6	2.8	-10.3	15.8	2.4	-12.0	16.8	0.3	-14.5	15.1	
	Anrbor	l	-	-	-	-	-	-	-	-	-	-	-	-	-14.8	-56.1	26.5	3.9	-78.8	86.5	-	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-24.3	-51.9	3.3	-	-65.9	35.2	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-35.3	-79.3	8.6	-	-	42.5	-	-	-	-	-	-	
	Anndale	l	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-3.6	15.1	46.9	-29.9	123.7	4.8	-8.9	18.5	30.8	-10.3	71.9	
		m	-	-	-	-	-	-	-	-	-	-	-	-	0.0	-7.6	7.5	40.0	-5.6	85.5	-1.3	-11.4	8.7	28.8	-2.9	60.4	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-6.2	-17.3	4.8	32.4	-11.3	76.1	-4.2	-21.7	13.3	25.7	-28.0	79.4	
	Austin	l	-	-	-	-	-	-	-	-	-	-	-	-	0.2	-6.5	6.9	-0.4	-12.1	11.3	5.9	-2.5	14.4	-3.2	-19.3	12.9	
		m	-	-	-	-	-	-	-	-	-	-	-	-	2.4	-2.7	7.4	0.4	-8.2	9.0	4.1	-2.3	10.4	2.0	-7.9	12.0	
		h	-	-	-	-	-	-	-	-	-	-	-	-	5.5	-2.2	13.3	1.5	-10.7	13.8	0.9	-6.4	8.1	3.2	-8.9	15.4	
	Atlantic City	l	-	-	-	-	-	-	-	-	-	-	-	-	-1.8	-12.0	8.4	-4.1	-94.9	86.8	-	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-3.8	-12.2	4.6	8.4	-49.9	66.7	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-6.2	-18.9	6.5	17.9	-43.7	79.5	-	-	-	-	-	-	
	Atlanta	l	-0.1	-3.2	3.1	6.2	-22.3	34.7	-0.1	-3.3	3.1	6.2	-22.5	35.0	-0.5	-3.7	2.7	-8.5	-22.4	5.3	0.2	-3.3	3.8	-0.3	-18.0	17.4	
		m	1.2	-1.6	3.9	1.9	-16.5	20.3	1.2	-1.6	3.9	1.9	-16.6	20.4	1.2	-1.4	3.7	-2.7	-12.3	6.9	0.9	-1.7	3.5	2.1	-10.4	14.6	
		h	1.9	-2.1	6.0	-4.5	-21.8	12.8	1.9	-2.1	5.9	-4.5	-21.8	12.8	2.9	-0.9	6.8	3.8	-7.9	15.5	1.8	-1.6	5.2	-0.2	-23.6	23.1	
	Atzec	l	-	-	-	-	-	-	-	-	-	-	-	-	-8.6	-62.4	45.1	-	-	122.1	35.8	12.1	-42.7	66.9	5.0	-68.7	78.7
		m	-	-	-	-	-	-	-	-	-	-	-	-	4.8	-28.7	38.2	-	-	-72.0	13.6	17.9	-27.0	62.8	-14.7	-54.4	25.0
		h	-	-	-	-	-	-	-	-	-	-	-	-	14.9	-29.8	59.7	-	-	-75.4	39.8	26.5	-45.9	98.9	-15.2	-99.7	69.3
	Bath	l	-	-	-	-	-	-	-	-	-	-	-	-	137.1	-1768.4	2042.5	-	-	3356.0	3356.0	-	-	-	-	-	

Country	City		PM10						PM2.5						O3						NO2						
			CVD			RD			CVD			RD			CVD			RD			CVD			RD			
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	
		m	-	-	-	-	-	-	-	-	-	-	-	-	95.7	-	349.3	200.4	-	5556.9	5957.7	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	55.8	-	406.9	-	-	1591.9	1561.9	-	-	-	-	-	-	
	Buffalo	l	-	-	-	-	-	-	-	-	-	-	-	0.0	-	43.5	43.5	2.9	-6.7	12.6	-2.4	-7.1	2.3	4.6	-12.6	21.8	
		m	-	-	-	-	-	-	-	-	-	-	-	5.0	-	17.3	27.3	5.1	-4.2	14.3	-2.0	-5.6	1.6	6.1	-6.8	19.0	
		h	-	-	-	-	-	-	-	-	-	-	-	6.4	-	-9.6	22.3	7.9	-7.2	23.0	-1.4	-6.5	3.8	-4.4	-25.4	16.5	
	Bakersfield	l	2.4	-53.5	58.4	4.7	-20.9	30.2	-6.9	-54.7	40.8	2.5	-72.1	77.1	9.6	-	33.9	53.0	13.1	-3.6	29.8	4.6	-22.7	31.9	11.5	-2.9	26.0
		m	18.9	-18.9	56.7	-2.0	-19.3	15.3	11.7	-22.9	46.4	-3.5	-64.4	57.4	13.5	-5.0	32.1	5.8	-5.9	17.4	12.5	-2.6	27.7	5.2	-4.8	15.2	
		h	48.0	-11.0	106.9	-11.3	-32.1	9.6	45.0	-12.3	102.4	-11.6	158.8	135.5	16.5	-3.8	36.7	0.7	-13.1	14.4	26.4	-9.1	61.9	-3.5	-19.6	12.6	
	Boulder	l	2.4	-14.2	19.0	9.9	-19.6	39.4	-	-	-	-	-	0.5	-	12.4	13.4	7.9	-13.8	29.5	-	-	-	-	-	-	
		m	5.7	-8.7	20.2	20.0	-12.5	52.6	-	-	-	-	-	5.0	-	-7.1	17.1	-3.0	-19.1	13.1	-	-	-	-	-	-	
		h	9.7	-7.5	27.0	33.2	-18.2	84.5	-	-	-	-	-	9.2	-	-8.4	26.8	-	-11.5	-32.7	9.7	-	-	-	-	-	
	Baltimore	l	11.9	-1.3	25.0	-8.0	-21.8	5.8	12.3	-1.4	26.1	-8.2	-22.6	6.1	1.2	-4.4	6.8	13.5	-14.0	40.9	34.3	15.7	53.0	5.3	-9.4	19.9	
		m	6.9	-3.0	16.7	-5.2	-17.7	7.3	7.1	-3.1	17.4	-5.3	-18.3	7.6	3.1	-1.4	7.7	11.8	-4.9	28.4	12.9	2.8	23.1	6.2	-4.6	17.0	
		h	-0.4	-13.0	12.2	-0.7	-20.2	18.8	-0.4	-13.5	12.7	-0.7	-20.9	19.6	5.1	-2.3	12.5	10.0	-5.6	25.6	-12.1	-27.0	2.7	7.6	-8.4	23.7	
	Bangor	l	-	-	-	-	-	-	-	-	-	-	-	28.3	-	13.9	70.5	754.7	-	2395.3	3904.8	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	33.5	-	-1.7	68.8	133.9	-	171.7	439.5	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	42.6	-	-5.1	90.3	-	-72.5	-157.3	12.2	-	-	-	-	-	
	Boise	l	11.5	-22.6	45.7	27.8	-91.4	147.0	-	-	-	-	-	-	-	-	-	-	-	-	929.5	-	8763.8	1062.8	-	-	
		m	13.8	-20.4	48.1	42.2	-62.1	146.4	-	-	-	-	-	-	-	-	-	-	-	-	73.1	-	249.2	395.3	-	-	

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		h	17.7	-34.3	69.6	34.6	-	111.3	180.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bergen	l	-	-	-	-	-	-	-	-	-	-	-	-	2.2	-4.4	8.8	0.1	-10.4	10.5	4.5	-1.7	10.6	-4.5	-15.7	6.8
		m	-	-	-	-	-	-	-	-	-	-	-	1.4	-3.7	6.4	3.6	-5.4	12.7	2.2	-2.8	7.1	-1.3	-10.8	8.2	
		h	-	-	-	-	-	-	-	-	-	-	-	-0.5	-8.9	7.9	9.3	-6.3	24.8	-1.0	-7.6	5.7	3.3	-10.1	16.7	
	Burlington	l	-	-	-	-	-	-	-	-	-	-	-	6.1	-	43.7	-	-53.8	16.3	17.8	-38.5	74.1	-10.9	-50.3	28.6	
		m	-	-	-	-	-	-	-	-	-	-	-	2.1	-	22.3	26.5	-7.5	-35.6	20.6	-0.9	-34.7	33.0	-16.8	-42.8	9.2
		h	-	-	-	-	-	-	-	-	-	-	-	-13.2	-	43.0	16.5	-	-60.2	37.3	-22.7	-66.8	21.4	-19.9	-53.9	14.1
	Birmingham	l	2.0	-2.7	6.7	-3.1	-10.4	4.2	2.0	-2.7	6.6	-3.1	-10.4	4.2	0.8	-3.8	5.4	-5.5	-13.2	2.2	-9.8	-26.2	6.7	-11.7	-26.3	2.9
		m	-1.7	-5.3	1.9	-2.8	-9.0	3.4	-1.7	-5.3	1.9	-2.8	-9.0	3.4	-1.6	-5.0	1.8	-3.5	-9.5	2.6	-12.2	-23.9	-0.6	-9.0	-20.5	2.5
		h	-5.2	-11.0	0.6	-2.4	-12.9	8.1	-5.2	-11.0	0.6	-2.4	-12.9	8.1	-4.1	-9.6	1.4	-1.2	-11.5	9.0	-16.5	-34.0	1.1	-3.9	-21.5	13.7
	Barnstable	l	-	-	-	-	-	-	-	-	-	-	-	38.0	-8.3	84.3	-6.7	-36.6	23.1	37.4	-8.8	83.7	2.1	-36.5	40.8	
		m	-	-	-	-	-	-	-	-	-	-	-	39.4	5.2	73.7	2.6	-24.4	29.6	31.7	2.9	60.5	8.5	-20.3	37.3	
		h	-	-	-	-	-	-	-	-	-	-	-	34.7	3.1	66.4	13.4	-31.5	58.3	26.2	-4.3	56.8	16.6	-28.2	61.3	
	Brownsville	l	8.8	0.3	17.4	-12.9	-27.9	2.1	-	-	-	-	-	7.2	-6.2	20.5	-	-22.3	-1.1	-	-	-	-	-	-	
		m	5.6	-0.7	11.9	-4.0	-17.7	9.6	-	-	-	-	-	5.4	-5.9	16.7	-8.3	-16.8	0.2	-	-	-	-	-	-	
		h	-0.7	-14.5	13.2	16.5	-24.5	57.5	-	-	-	-	-	2.8	-	15.0	20.6	3.4	-13.8	20.7	-	-	-	-	-	
	Boston	l	-	-	-	-	-	-	-	-	-	-	-	-0.2	-5.2	4.8	0.7	-9.0	10.4	11.1	-1.4	23.6	3.9	-4.1	12.0	
		m	-	-	-	-	-	-	-	-	-	-	-	2.8	-1.8	7.3	3.6	-4.3	11.6	8.7	0.5	16.9	-1.5	-6.9	4.0	
		h	-	-	-	-	-	-	-	-	-	-	-	7.3	-0.1	14.7	-7.9	-20.3	4.5	5.0	-5.2	15.3	-8.3	-15.7	-0.9	
	BatonRouge	l	-	-	-	-	-	-	-	-	-	-	-	2.1	-8.5	12.7	-4.0	-17.1	9.1	0.5	-6.8	7.8	-5.3	-16.4	5.8	
		m	-	-	-	-	-	-	-	-	-	-	-	-0.9	-8.1	6.4	-4.9	-13.4	3.6	-0.9	-6.1	4.3	-4.8	-13.4	3.8	
		h	-	-	-	-	-	-	-	-	-	-	-	-4.8	-	14.8	5.1	-5.9	-19.0	7.2	-3.3	-12.2	5.5	-4.0	-15.8	7.7
	CedarRapids	l	-	-	-	-	-	-	-	-	-	-	-	-1.6	-	14.2	11.0	2.6	-67.2	72.4	8.1	-14.0	30.2	8.9	-19.4	37.1
		m	-	-	-	-	-	-	-	-	-	-	-	-3.5	-	12.9	5.9	18.3	-22.0	58.7	6.7	-9.0	22.4	9.4	-9.5	28.3

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		h	-	-	-	-	-	-	-	-	-	-	-	-	-5.3	-19.2	8.5	33.7	-31.9	99.3	5.0	-15.3	25.4	10.1	-15.5	35.6
	Chicago	l	2.6	-8.4	13.6	28.0	-7.7	63.7	2.6	-8.4	13.6	28.0	-7.9	63.9	-0.5	-2.8	1.7	27.8	-10.0	65.6	4.5	-1.1	10.0	21.2	1.8	40.6
		m	3.3	-3.3	10.0	19.2	1.1	37.2	3.3	-3.3	10.0	19.2	1.0	37.3	1.7	-0.3	3.7	18.9	0.2	37.6	4.2	0.5	7.8	10.7	1.0	20.5
		h	4.1	-2.4	10.6	4.0	-8.6	16.5	4.1	-2.4	10.6	4.0	-8.6	16.5	4.8	1.3	8.2	8.2	-4.8	21.2	3.8	-1.7	9.3	1.8	-15.0	18.6
	Charlotte	l	-	-	-	-	-	-	-	-	-	-	-	-	7.7	-0.2	15.7	19.7	-25.6	64.9	1.5	-5.9	9.0	23.9	-41.9	89.7
		m	-	-	-	-	-	-	-	-	-	-	-	-	-2.6	-8.5	3.4	18.6	-8.8	46.0	2.0	-3.1	7.2	24.6	-13.8	63.0
		h	-	-	-	-	-	-	-	-	-	-	-	-	6.7	-6.1	19.6	17.5	-12.4	47.5	2.8	-4.1	9.7	51.7	-14.8	118.1
	CharlestSC	l	1.2	-7.9	10.3	-1.8	-15.1	11.5	1.2	-7.8	10.3	-1.8	-15.2	11.6	5.2	-5.6	15.9	-8.2	-22.2	5.8	-1.9	-12.3	8.4	-8.1	-23.2	7.0
		m	3.0	-4.2	10.2	-4.3	-14.7	6.2	3.0	-4.2	10.2	-4.3	-14.8	6.2	2.2	-4.5	8.9	-4.6	-14.3	5.1	0.6	-6.5	7.7	-8.6	-18.7	1.6
		h	3.8	-6.9	14.5	-7.8	-22.7	7.2	3.8	-6.9	14.5	-7.8	-22.7	7.2	-1.4	-11.2	8.5	0.0	-16.0	16.1	4.6	-5.0	14.2	-9.2	-22.4	3.9
	Chatta	l	-	-	-	-	-	-	-	-	-	-	-	-	3.7	-3.4	10.9	11.1	-1.0	23.1	-	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	-	0.8	-4.6	6.1	13.4	3.7	23.2	-	-	-	-	-	-
		h	-	-	-	-	-	-	-	-	-	-	-	-	-2.6	-10.3	5.0	16.2	1.3	31.2	-	-	-	-	-	-
	CharlestWV	l	2.9	-4.9	10.7	14.9	-41.3	71.1	-	-	-	-	-	-	-2.9	-24.9	19.2	25.5	-26.2	77.2	-	-	-	-	-	-
		m	0.9	-6.7	8.4	6.7	-26.5	39.9	-	-	-	-	-	-	-4.1	-18.4	10.2	26.6	-5.1	58.3	-	-	-	-	-	-
		h	-1.3	-14.9	12.2	40.5	-28.1	109.1	-	-	-	-	-	-	-4.5	-22.4	13.4	27.7	-13.5	68.8	-	-	-	-	-	-
	Columbus	l	3.4	-5.5	12.3	2.1	-6.3	10.4	3.8	-6.8	14.3	2.7	-7.3	12.7	5.3	-0.1	10.6	3.3	-5.3	11.9	-	-	-	-	-	-
		m	2.5	-4.5	9.6	3.2	-4.5	10.9	3.4	-5.1	11.9	5.9	-3.4	15.2	2.1	-2.4	6.7	7.8	-0.1	15.7	-	-	-	-	-	-
		h	-0.6	-10.2	9.1	5.4	-5.9	16.7	0.2	-11.7	12.0	13.1	-1.3	27.4	-0.8	-7.6	6.1	12.2	-0.6	25.0	-	-	-	-	-	-
	Colorado Spri	l	2.0	-11.0	15.0	18.3	-18.8	55.4	-	-	-	-	-	-	-10.9	-49.3	27.5	4.1	-35.5	43.6	23.3	-28.3	74.8	17.3	-22.2	56.8
		m	-4.3	-17.0	8.5	27.6	-4.3	59.6	-	-	-	-	-	-	1.1	-22.0	24.2	23.7	-4.6	52.0	26.4	-10.6	63.4	20.5	-9.5	50.6
		h	-8.6	-28.2	11.1	44.4	-15.5	104.3	-	-	-	-	-	-	11.8	-13.2	36.7	41.1	5.6	76.6	31.8	-43.8	107.5	21.7	-28.1	71.6
	Cleveland	l	-2.4	-6.1	1.4	9.6	-8.0	27.1	-2.5	-6.9	1.8	0.4	-8.3	9.1	-2.6	-5.8	0.5	-2.5	-21.7	16.7	4.0	-2.3	10.2	12.7	-4.7	30.0
		m	-1.1	-4.1	1.9	5.4	-6.1	16.9	0.3	-3.2	3.8	0.3	-6.8	7.4	-1.2	-3.9	1.5	9.0	-2.5	20.6	1.3	-3.4	6.0	4.3	-7.9	16.5
		h	-4.4	-9.2	0.3	-1.0	-14.5	12.6	-3.9	-9.5	1.8	-5.7	-16.5	5.2	0.8	-3.9	5.4	-3.2	-19.2	12.8	-2.3	-8.7	4.1	-6.4	-23.8	10.9

Country	City		PM10						PM2.5						O3					NO2							
			CVD			RD			CVD			RD			CVD			RD		CVD			RD				
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	
	Cincinnati	l	-1.9	-7.9	4.1	-1.7	-11.7	8.3	-3.8	-9.7	2.0	-2.7	-13.0	7.6	0.4	-3.7	4.6	3.7	-3.7	11.1	1.7	-2.7	6.1	7.7	-1.6	17.0	
		m	-3.4	-9.0	2.2	-1.7	-11.4	8.0	-4.0	-9.8	1.8	-2.2	-12.4	8.1	0.7	-2.8	4.3	2.2	-3.9	8.2	0.1	-3.1	3.3	0.7	-5.3	6.8	
		h	-5.9	-15.6	3.8	-1.6	-18.9	15.6	-4.4	-14.9	6.1	-1.2	-19.8	17.5	1.1	-4.9	7.0	0.4	-9.5	10.4	-1.7	-6.5	3.1	6.8	-2.8	16.4	
	Canton	l	-0.8	-27.8	26.2	3.9	-22.0	29.8	-	-	-	-	-	-	-3.7	-	3.3	8.5	-4.2	21.2	-	-	-	-	-	-	
		m	-7.2	-27.0	12.6	-0.8	-23.0	21.3	-	-	-	-	-	-	-9.1	-	-3.4	-1.2	-11.2	8.8	-	-	-	-	-	-	
		h	21.5	-16.1	59.0	-9.0	-41.6	23.6	-	-	-	-	-	-	-13.9	-	-5.9	-9.5	-23.6	4.5	-	-	-	-	-	-	
	Columbia	l	-3.3	-10.3	3.6	1.9	-12.2	16.1	-4.4	-13.1	4.3	1.6	-31.8	35.0	-1.3	-	8.8	-5.4	-19.3	8.5	-3.7	-11.9	4.6	-7.1	-21.5	7.3	
		m	-1.8	-7.8	4.2	-8.5	-18.7	1.6	-2.0	-9.9	6.0	-3.1	-25.1	18.9	-3.3	-	3.6	-5.9	-15.3	3.5	-1.8	-7.7	4.0	-3.2	-13.0	6.7	
		h	0.0	-8.4	8.5	-5.7	-19.9	8.6	1.0	-11.0	13.1	-8.4	-36.1	19.2	-4.8	-	4.0	-6.4	-19.0	6.3	0.6	-6.9	8.1	-0.6	-13.2	12.0	
	Carlisle	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Corpus Christ	l	-	-	-	-	-	-	-	-	-	-	-	-	3.2	-4.5	10.8	-8.9	-18.0	0.3	-	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	-	1.7	-4.1	7.4	-3.8	-11.4	3.9	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-3.2	-	4.7	10.5	-4.5	25.4	-	-	-	-	-	-	
	Davis	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.8	-6.6	24.1	63.3	-42.5	169.1	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.3	-0.7	25.3	34.0	-28.4	96.3	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.9	-2.3	38.1	-1.2	-67.9	65.6	
	Dallas	l	-	-	-	-	-	-	-	-	-	-	-	-	-14.1	-	3.5	-0.7	-8.3	6.8	-8.5	-21.2	4.3	1.3	-7.3	9.9	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-5.5	-	5.8	-1.6	-7.3	4.0	-1.1	-10.6	8.4	-0.9	-7.0	5.2	
		h	-	-	-	-	-	-	-	-	-	-	-	-	6.0	-	18.0	-2.7	-11.3	5.9	15.4	-1.6	32.3	-5.3	-13.3	2.7	
	Denver	l	-1.9	-6.9	3.2	12.0	-5.3	29.4	-1.9	-6.9	3.2	12.0	-5.3	29.4	-0.5	-5.3	4.3	19.5	-27.2	66.3	-2.9	-7.4	1.5	2.4	-24.6	29.4	
		m	0.7	-3.9	5.4	5.2	-7.3	17.7	0.7	-3.9	5.4	5.2	-7.3	17.8	3.4	-1.0	7.8	1.0	-18.7	20.7	0.5	-3.4	4.4	-3.5	-19.4	12.5	
		h	2.2	-4.5	8.9	-2.2	-16.0	11.6	2.2	-4.5	8.9	-2.2	-16.0	11.6	6.7	0.2	13.1	-	-11.8	-28.4	4.8	5.3	-1.6	12.1	-10.7	-32.4	11.0

Country	City		PM10						PM2.5						O3						NO2								
			CVD			RD			CVD			RD			CVD			RD			CVD			RD					
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI			
	Dodge	l	9.7	-60.9	80.4	-7.4	-58.3	43.5	-18.2	-72.3	35.9	-46.8	-	206.0	6.0	-	12.8	24.7	-	26.1	-	232.4	180.1	-	-	-	-	-	-
		m	7.3	-37.2	51.8	-20.7	-59.9	18.5	-19.6	-62.4	23.2	-3.4	238.9	232.1	9.2	-7.0	25.5	28.0	-	105.8	161.7	-	-	-	-	-	-	-	
		h	-12.2	-74.9	50.5	-42.0	-87.7	3.6	-22.1	-77.4	33.2	-83.6	318.6	151.4	13.5	-	13.0	40.0	-	31.0	-	113.5	51.4	-	-	-	-	-	
	Dover	l	-	-	-	-	-	-	-	-	-	-	-	-	-3.1	-	17.7	11.4	-1.6	121.4	118.2	-	-	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-1.8	-	14.2	10.7	10.7	-60.3	81.7	-	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-2.5	-	22.4	17.5	1.5	-87.6	90.5	-	-	-	-	-	-	-	
	Durham	l	-	-	-	-	-	-	-	-	-	-	-	-	-1.7	-	12.5	9.1	-5.3	-41.1	30.5	-	-	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-2.8	-	10.6	5.1	-9.4	-32.0	13.2	-	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-10.2	-	23.0	2.7	-	13.3	-39.8	13.2	-	-	-	-	-	-	
	DesMoines	l	0.3	-8.0	8.6	-4.0	-17.0	8.9	0.3	-8.2	8.8	-4.1	-17.5	9.2	1.1	-9.1	11.3	-5.9	-51.8	39.9	-5.2	-23.3	12.8	2.1	-15.9	20.1	-	-	
		m	-1.7	-8.8	5.5	-2.9	-14.5	8.7	-1.7	-9.0	5.6	-3.0	-14.9	8.9	-1.5	-8.4	5.3	-9.4	-35.0	16.3	-7.7	-20.2	4.9	10.7	-3.3	24.8	-	-	
		h	-5.1	-15.7	5.5	-0.9	-18.4	16.7	-5.3	-16.1	5.6	-0.9	-18.8	17.0	-3.8	-	13.7	6.0	2.6	-34.9	40.1	-5.9	-28.8	17.1	2.2	-14.5	18.9	-	-
	Detroit	l	14.4	1.5	27.3	1.8	-3.3	6.9	14.4	1.5	27.3	1.8	-3.3	6.9	13.3	-6.3	32.9	14.3	-8.2	36.8	9.6	2.3	16.9	7.3	-1.6	16.3	-	-	
		m	9.9	1.5	18.2	1.6	-2.9	6.0	9.9	1.5	18.2	1.6	-2.9	6.0	12.0	1.5	22.5	9.1	-4.2	22.4	6.9	1.8	11.9	4.3	-2.0	10.6	-	-	
		h	2.5	-5.1	10.2	1.2	-5.0	7.3	2.5	-5.1	10.2	1.2	-5.0	7.3	6.9	-3.5	17.2	0.7	-14.7	16.0	2.8	-4.7	10.3	-2.2	-12.5	8.1	-	-	
	Davenport	l	49.7	-6.7	106.1	-0.2	-13.9	13.5	49.7	-6.8	106.2	-0.2	-13.8	13.4	8.5	-9.4	26.4	-	11.8	-32.1	8.5	5.0	-3.7	13.7	4.0	-10.0	18.1	-	-
		m	19.8	-9.6	49.1	2.6	-9.9	15.0	19.8	-9.6	49.1	2.6	-9.9	15.0	6.3	-5.4	18.1	-1.0	-14.7	12.6	7.7	0.9	14.6	3.2	-7.8	14.2	-	-	
		h	-16.7	-38.4	4.9	7.2	-11.5	25.9	-16.7	-38.4	5.0	7.2	-11.6	26.0	3.9	-	11.0	18.7	18.0	-10.9	46.8	12.5	-0.6	25.6	1.7	-17.6	20.9	-	-
	Dayto Beach	l	0.5	-20.0	21.0	5.6	-6.3	17.4	-	-	-	-	-	-	-3.4	-	21.3	14.5	3.1	-10.7	16.9	-	-	-	-	-	-	-	
		m	-7.6	-20.2	5.0	5.4	-4.5	15.4	-	-	-	-	-	-	-5.9	-	19.7	7.9	4.2	-5.2	13.6	-	-	-	-	-	-	-	
		h	-3.9	-31.9	24.0	5.2	-7.1	17.5	-	-	-	-	-	-	-5.2	-	24.4	14.1	5.6	-7.6	18.8	-	-	-	-	-	-	-	

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		m	-20.2	-57.9	17.4	-32.9	-98.4	32.6	-	-	-	-35.0	148.4	78.5	-	-	-	-	-	-	-	-	-	-	-	-
		h	-52.5	-83.4	-21.7	-52.4	132.7	28.0	-	-	-	-56.1	155.3	43.1	-	-	-	-	-	-	-	-	-	-	-	-
	Evansville	l	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-7.0	9.8	-7.5	-22.8	7.8	7.9	-2.9	18.7	-16.4	-37.4	4.6
		m	-	-	-	-	-	-	-	-	-	-	-	-	6.0	-1.6	13.5	-13.1	-24.2	-1.9	4.9	-1.9	11.7	-13.9	-30.1	2.3
		h	-	-	-	-	-	-	-	-	-	-	-	-	10.9	-2.5	24.3	-17.0	-34.8	0.9	0.0	-10.0	9.9	-9.9	-32.6	12.9
	Everett	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fargo	l	-	-	-	-	-	-	-	-	-	-	-	-	-15.9	-35.9	4.1	-12.3	-60.1	35.5	-8.6	-25.3	8.0	-22.6	-51.3	6.2
		m	-43.6	404.3	317.0	38.7	1309.4	1386.8	-	-	-	-	-	-	-9.3	-25.0	6.4	-18.3	-46.3	9.7	-3.4	-17.6	10.8	-18.8	-42.8	5.1
		h	-88.3	261.8	85.2	1038.8	1884.4.8	2092.2.3	-	-	-	-	-	-	-1.8	-24.3	20.7	-19.1	-59.6	21.5	3.9	-21.0	28.8	-12.0	-59.5	35.6
	Flint	l	-	-	-	-	-	-	-	-	-	-	-	-	15.7	-1.2	32.5	0.5	-64.2	65.1	-	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	-	8.8	-2.9	20.5	5.1	-33.7	43.9	-	-	-	-	-	-
		h	-	-	-	-	-	-	-	-	-	-	-	-	8.6	-13.3	30.5	-2.7	-55.1	49.7	-	-	-	-	-	-
	Fresno	l	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-13.0	15.4	-10.6	-24.8	3.7	18.1	-2.0	38.2	-9.2	-22.3	3.9
		m	-	-	-	-	-	-	-	-	-	-	-	-	5.1	-4.3	14.5	-3.4	-15.6	8.9	16.8	4.1	29.4	0.3	-10.7	11.3
		h	-	-	-	-	-	-	-	-	-	-	-	-	17.7	-0.9	36.3	3.6	-13.1	20.4	7.8	-17.7	33.4	18.8	-5.4	42.9
	Ft Laud	l	0.1	-3.5	3.7	2.6	-5.0	10.2	0.1	-3.8	4.1	2.9	-5.5	11.2	2.7	-8.0	13.5	0.8	-4.8	6.4	1.2	-2.9	5.2	-2.9	-11.1	5.4
		m	1.2	-1.7	4.2	0.5	-5.4	6.5	1.3	-1.9	4.5	0.6	-6.0	7.1	-8.8	-16.8	-0.7	-0.3	-4.6	4.0	-1.0	-4.2	2.2	-1.2	-6.1	3.8
		h	4.8	-1.9	11.5	-5.8	-17.6	6.0	5.3	-2.1	12.6	-6.3	-19.2	6.5	-10.1	-30.5	10.3	-2.8	-9.0	3.4	-4.0	-9.0	1.1	-4.3	-11.7	3.2
	Ft Myers	l	1.2	-5.1	7.6	5.3	-7.6	18.3	-	-	-	-	-	-	2.5	-3.9	8.9	-3.6	-17.8	10.6	-	-	-	-	-	-
		m	0.6	-4.2	5.4	0.9	-7.8	9.6	-	-	-	-	-	-	1.3	-3.1	5.7	-2.8	-13.6	8.0	-	-	-	-	-	-

Country	City		PM10						PM2.5						O3					NO2						
			CVD			RD			CVD			RD			CVD			RD		CVD			RD			
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		h	-0.8	-8.6	7.0	-7.4	-21.6	6.8	-	-	-	-	-	-	-1.2	-7.3	4.9	-1.2	-18.2	15.7	-	-	-	-	-	-
	Ft Pierce	l	-5.1	-21.5	11.2	0.4	-33.0	33.7	-	-	-	-	-	-	-0.7	-8.3	6.8	-7.0	-25.0	10.9	-4.2	-11.8	3.5	-10.5	-30.0	9.0
		m	-8.0	-19.3	3.3	-8.1	-29.1	12.8	-	-	-	-	-	-	-3.6	-8.8	1.6	-6.7	-21.1	7.6	-4.8	-10.5	0.9	-7.0	-23.0	9.1
		h	-13.9	-36.1	8.4	-24.2	-62.4	14.0	-	-	-	-	-	-	-8.5	14.6	-2.5	-6.1	-27.2	14.9	-5.6	-13.8	2.6	-1.9	-26.9	23.1
	Ft Worth	l	-	-	-	-	-	-	-	-	-	-	-	-	-2.8	-6.9	1.3	-2.6	-10.5	5.2	-1.2	-5.5	3.1	-4.8	-12.7	3.2
		m	-	-	-	-	-	-	-	-	-	-	-	-	-1.8	-5.1	1.4	-1.6	-7.8	4.6	-1.6	-4.9	1.8	-2.9	-9.2	3.3
		h	-	-	-	-	-	-	-	-	-	-	-	-	-0.4	-5.9	5.1	-0.2	-10.7	10.3	-2.2	-6.8	2.4	0.9	-8.4	10.2
	Ft Wayne	l	-	-	-	-	-	-	-	-	-	-	-	-	5.6	-8.5	19.7	-	-74.0	19.4	-	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	-	-3.7	-	6.8	-	-46.1	24.1	-	-	-	-	-	-
		h	-	-	-	-	-	-	-	-	-	-	-	-	-13.5	-	1.3	9.6	-45.8	65.0	-	-	-	-	-	-
	Fayetville	l	-	-	-	-	-	-	-	-	-	-	-	-	-8.8	-	0.3	5.2	-13.6	24.0	-	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	-	-2.7	-9.7	4.3	20.2	4.6	35.9	-	-	-	-	-	-
		h	-	-	-	-	-	-	-	-	-	-	-	-	3.5	-7.8	14.9	36.7	9.5	63.9	-	-	-	-	-	-
	Gary	l	0.7	-7.6	9.0	2.7	-11.4	16.8	2.1	-8.9	13.2	-1.1	-33.1	30.8	-0.8	-	9.6	16.6	-5.2	38.3	7.5	-4.5	19.5	14.1	-17.9	46.1
		m	2.1	-4.0	8.3	6.9	-4.8	18.6	3.8	-4.6	12.1	5.4	-20.2	31.0	0.2	-8.6	9.0	20.8	1.7	39.8	2.9	-5.0	10.9	7.3	-12.6	27.1
		h	4.4	-3.6	12.5	14.4	-3.3	32.2	5.5	-5.0	15.9	25.4	-23.1	73.8	1.6	-	16.2	26.8	-6.5	60.1	-2.5	-13.1	8.0	-0.7	-26.9	25.6
	Green Bay	l	-	-	-	-	-	-	-	-	-	-	-	-	-10.3	-	49.2	130.4	286.7	547.5	-	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	-	-11.7	-	24.2	100.8	-59.4	261.0	-	-	-	-	-	-
		h	-	-	-	-	-	-	-	-	-	-	-	-	-13.8	-	25.0	144.5	122.6	411.6	-	-	-	-	-	-
	Greensburg	l	17.3	-30.2	64.9	15.3	-21.1	51.7	-	-	-	-	-	-	1.8	-3.4	7.1	-1.5	-20.2	17.1	0.8	-5.5	7.1	6.0	-8.0	19.9
		m	15.5	-16.2	47.2	9.3	-17.0	35.6	-	-	-	-	-	-	6.3	1.5	11.1	-2.2	-15.4	11.0	0.0	-4.3	4.3	0.3	-8.9	9.4
		h	15.4	-9.5	40.3	3.4	-28.5	35.3	-	-	-	-	-	-	12.8	4.1	21.6	-5.8	-27.1	15.5	-1.3	-7.6	5.1	-1.6	-15.2	11.9
	Grand Heaven	l	-	-	-	-	-	-	-	-	-	-	-	-	51.3	4.4	98.3	-	-63.2	40.3	-	-	-	-	-	-

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		m	-	-	-	-	-	-	-	-	-	-	-	-	27.9	-1.8	57.7	-	-62.5	1.7	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-	14.2	-	53.3	-	-79.5	14.2	-	-	-	-	-	
	Grand Junction	l	-	-	-	-42.2	143.7	59.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		m	-	-	-	-2.9	-79.4	73.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		h	-	-	-	-9.8	136.0	116.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Grand Rapids	l	-	-	-	-	-	-	-	-	-	-	-	-5.6	-	7.6	-	-35.4	6.3	0.5	-8.6	9.6	-9.9	-24.2	4.4	
		m	-	-	-	-	-	-	-	-	-	-	-	1.9	-	14.3	-	-25.3	14.7	3.8	-3.5	11.1	-2.5	-14.7	9.7	
		h	-	-	-	-	-	-	-	-	-	-	-	15.2	-5.9	36.3	11.5	-24.9	47.9	8.8	-2.5	20.1	9.2	-10.5	28.9	
	Greensboro	l	-	-	-	-	-	-	-	-	-	-	-	2.2	-4.7	9.1	16.2	2.5	29.9	-	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	-2.3	-7.7	3.2	15.1	4.4	25.9	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-6.6	-	2.1	14.1	-3.7	31.8	-	-	-	-	-	-	
	Greenville	l	1.2	-7.7	10.1	19.7	0.1	39.2	1.2	-7.7	10.1	19.7	0.1	39.3	-	-	-	-	-	-0.2	-8.4	8.0	4.0	-10.3	18.3	
		m	-0.3	-7.8	7.1	10.6	-4.3	25.4	-0.3	-7.8	7.1	10.6	-4.3	25.4	-	-	-	-	-	-0.3	-6.3	5.6	4.8	-5.6	15.3	
		h	-2.1	-12.3	8.1	-4.5	-22.4	13.3	-2.1	-12.3	8.1	-4.5	-22.4	13.3	-	-	-	-	-	-0.6	-9.1	7.9	6.3	-9.3	21.9	
	Gasnesville	l	0.2	-13.1	13.5	3.7	-21.2	28.7	-	-	-	-	-	4.4	-	20.3	26.1	-10.8	63.1	-	-	-	-	-	-	
		m	0.6	-9.6	10.9	13.1	-7.9	34.1	-	-	-	-	-	1.4	-8.1	11.0	20.5	-2.7	43.6	-	-	-	-	-	-	
		h	1.5	-17.1	20.1	35.6	-9.6	80.7	-	-	-	-	-	-3.1	-	9.1	12.7	-18.2	43.6	-	-	-	-	-	-	
	Gettysburg	l	-	-	-	-	-	-	-	-	-	-	-	17.8	-4.2	39.9	-	1623.2	1473.2	9.0	-11.7	29.8	-23.8	-76.1	28.6	
		m	-	-	-	-	-	-	-	-	-	-	-	12.8	-3.4	29.1	656.9	591.4	1905.1	10.8	-5.2	26.8	67.9	-8.3	144.0	
		h	-	-	-	-	-	-	-	-	-	-	-	8.5	-	32.2	-	164.9	21.5	13.2	-9.2	35.6	-35.6	142.5	71.4	

Country	City		PM10						PM2.5						O3					NO2								
			CVD			RD			CVD			RD			CVD			RD		CVD			RD					
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI		
	Holland	l	-	-	-	-	-	-	-	-	-	-	-	-	23.4	-	437.8	16.9	-68.0	101.8	-	-	-	-	-	-		
		m	-	-	-	-	-	-	-	-	-	-	-	-	25.6	-	175.4	14.0	-45.0	73.0	-	-	-	-	-	-		
		h	-	-	-	-	-	-	-	-	-	-	-	-	0.9	-	74.8	76.6	-	147.9	127.5	-	-	-	-	-		
	Honolulu	l	10.1	-24.4	44.6	-3.4	-35.0	28.2	10.1	-24.4	44.6	-3.4	-35.2	28.3	-	-	-	-	-	-	11.7	-19.0	42.5	-24.6	-48.1	-1.0		
		m	14.6	-9.5	38.6	-4.2	-24.5	16.1	14.6	-9.5	38.6	-4.2	-24.6	16.2	-	-	-	-	-	-	13.0	-11.0	37.1	-17.1	-36.2	2.0		
		h	12.4	-28.6	53.4	-5.1	-33.7	23.6	12.4	-28.5	53.2	-5.1	-33.8	23.6	-	-	-	-	-	-	12.5	-25.3	50.2	-4.3	-32.6	24.1		
	Harrisburg	l	-0.3	-17.0	16.4	-6.1	-40.9	28.7	-4.6	-18.0	8.7	0.7	-34.1	35.5	-6.2	-	16.0	3.6	8.0	-23.6	39.5	2.9	-8.1	13.8	-4.8	-23.7	14.0	
		m	-2.3	-15.3	10.7	-7.5	-33.7	18.7	-5.3	-16.5	5.8	-3.0	-29.4	23.4	-2.5	-	10.7	5.7	0.5	-19.4	20.5	-2.0	-9.8	5.8	0.5	-14.0	15.0	
		h	-5.7	-20.3	8.9	-9.8	-38.4	18.8	-6.5	-20.3	7.2	-7.3	-40.7	26.1	1.7	-	11.5	14.8	-9.6	-37.6	18.4	-8.3	-18.4	1.9	8.5	-14.2	31.3	
	Hartford	l	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	12.2	14.1	-0.6	-11.8	10.6	-1.1	-9.9	7.6	35.1	-7.2	77.4	
		m	-	-	-	-	-	-	-	-	-	-	-	-	1.8	-	7.8	11.4	-0.3	-10.0	9.5	-0.2	-6.5	6.1	18.8	-4.3	41.8	
		h	-	-	-	-	-	-	-	-	-	-	-	-	3.2	-	8.4	14.8	1.0	-16.1	18.1	-3.7	-13.1	5.7	-1.8	-26.1	22.5	
	Houston	l	-	-	-	-	-	-	-	-	-	-	-	-	-0.5	-	3.2	2.1	1.7	-5.6	9.0	-1.3	-4.9	2.3	5.7	-1.6	13.0	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-0.6	-	2.5	1.3	-0.4	-6.3	5.4	-0.7	-3.3	1.9	1.4	-3.1	5.9	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-0.6	-	3.4	2.1	-2.6	-10.3	5.1	-1.1	-5.1	2.9	-3.5	-8.0	1.0	
	Indiapolis	l	-	-	-	-	-	-	-	-	-	-	-	-	-0.4	-	11.9	11.0	-3.9	-13.3	5.5	2.7	-3.5	8.8	1.7	-5.4	8.8	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-0.9	-	8.9	7.1	7.2	-1.2	15.6	1.3	-3.3	5.9	5.7	0.2	11.3	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-0.1	-	11.9	11.7	3.1	-16.1	22.3	-0.2	-6.6	6.1	11.0	1.8	20.2	
	Jacksonville	l	-	-	-	-	-	-	-	-	-	-	-	-	-1.4	-	8.1	5.3	-6.7	-17.4	4.0	-2.6	-9.5	4.3	0.5	-10.0	11.0	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-2.5	-	6.5	1.4	-1.3	-8.1	5.5	-3.7	-9.2	1.8	0.2	-7.3	7.8	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-3.9	-	9.8	2.1	5.4	-5.9	16.6	-5.0	-12.5	2.6	-0.1	-10.6	10.4	
	Jersy city	l	-	-	-	-	-	-	-	-	-	-	-	-	3.6	-	12.9	20.2	-	21.3	-51.9	9.2	3.6	-10.1	17.2	-5.7	-21.5	10.0
		m	-	-	-	-	-	-	-	-	-	-	-	-	6.2	-	5.3	17.8	-	17.8	-39.6	4.0	5.9	-4.9	16.6	-0.3	-13.0	12.4

Country	City		PM10						PM2.5						O3						NO2						
			CVD			RD			CVD			RD			CVD			RD			CVD			RD			
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	
		h	-	-	-	-	-	-	-	-	-	-	-	-	10.1	-4.1	24.3	-8.3	-35.1	18.4	9.2	-5.6	24.0	7.2	-13.6	27.9	
	Klamath	l	-	-	-	-	-	-	-	-	-	-	-	-	-5.7	-	25.3	13.8	12.2	-43.7	19.4	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-8.9	-	24.5	6.7	8.3	-24.8	41.4	-	-	-	-	-	
	Kalamazoo	h	-	-	-	-	-	-	-	-	-	-	-	-	-13.7	-	38.7	11.3	46.8	-29.2	122.7	-	-	-	-	-	
		l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Kenosha	l	-	-	-	-	-	-	-	-	-	-	-	-	-1.1	-	33.0	30.8	16.7	122.9	156.3	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-0.3	-	23.7	23.2	-9.9	-75.1	55.2	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-	30.6	33.0	43.0	-87.4	1.4	-	-	-	-	-	
	Kansas	l	-	-	-	-	-	-	-	-	-	-	-	-	51.1	13.2	89.1	-2.9	-10.5	4.8	11.2	-3.2	25.7	0.0	-7.1	7.2	
		m	-	-	-	-	-	-	-	-	-	-	-	-	24.8	8.1	41.5	-1.5	-7.8	4.8	4.8	-5.0	14.6	-0.9	-6.6	4.8	
		h	-	-	-	-	-	-	-	-	-	-	-	-	0.6	-	13.4	14.7	0.0	-9.8	9.8	-0.1	-16.2	15.9	-2.6	-10.4	5.3
	Knoxville	l	1.2	-6.0	8.5	23.6	-17.5	64.7	1.2	-5.8	8.3	22.8	-16.8	62.4	1.3	-4.2	6.9	6.3	-3.0	15.5	-18.1	-52.4	16.2	-3.0	-34.2	28.1	
		m	1.1	-6.3	8.5	5.9	-19.7	31.6	1.1	-6.1	8.3	5.7	-19.1	30.4	-0.9	-4.9	3.1	2.5	-4.3	9.3	5.1	-23.6	33.8	-8.9	-29.4	11.5	
		h	1.0	-11.5	13.5	-15.6	-40.7	9.4	1.0	-11.3	13.2	-15.4	-39.8	9.0	-2.4	-9.0	4.2	-1.7	-12.1	8.6	36.9	-25.3	99.2	-14.8	-37.7	8.1	
	Lafayette IN	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Lafayette LA	l	-	-	-	-	-	-	-	-	-	-	-	-	7.2	-6.0	20.4	18.1	-72.5	36.3	-	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-4.0	-	11.8	3.8	24.5	-57.4	8.4	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-17.2	-	27.1	-7.3	12.9	-65.9	40.1	-	-	-	-	-	
	Lake Charles	l	-	-	-	-	-	-	-	-	-	-	-	-	-1.9	-	12.9	9.1	14.3	-11.2	39.7	-2.5	-13.2	8.1	-5.1	-26.8	16.6
		m	-	-	-	-	-	-	-	-	-	-	-	-	-4.1	-	10.8	2.7	-2.3	-16.0	11.4	-4.9	-11.7	1.9	-8.5	-22.1	5.1

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		h	-	-	-	-	-	-	-	-	-	-	-	-	-6.8	-	2.3	-	-35.2	-5.0	-7.6	-20.6	5.4	-3.3	-32.0	25.4
	Lakeland	l	9.4	-5.0	23.8	6.9	-2.3	16.2	-	-	-	-	-	-	8.2	-4.2	20.6	-	-35.0	12.7	-	-	-	-	-	-
		m	9.1	-2.3	20.5	5.4	-1.8	12.6	-	-	-	-	-	-	7.3	-1.0	15.7	-	-7.9	32.3	-	-	-	-	-	-
		h	7.3	-4.9	19.5	2.4	-9.5	14.3	-	-	-	-	-	-	6.1	-5.4	17.7	-	-41.1	9.8	-	-	-	-	-	-
	Lancast	l	-5.9	-13.9	2.1	2.6	-17.2	22.4	-	-	-	-	-	-	-2.4	-	7.2	0.6	-13.9	15.0	-1.7	-9.4	6.0	6.7	-8.3	21.6
		m	-5.2	-12.7	2.4	-3.4	-19.2	12.4	-	-	-	-	-	-	-5.0	-	2.2	-0.1	-12.5	12.4	-2.2	-7.9	3.5	7.2	-4.3	18.6
		h	-4.0	-15.4	7.4	1.6	-24.6	27.8	-	-	-	-	-	-	-6.3	-	5.9	-0.7	-19.5	18.1	-0.8	-9.3	7.6	7.9	-8.6	24.4
	Lansing	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0	-27.5	39.5	-9.7	-73.1	53.6
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	-19.9	20.6	-0.2	-42.2	41.8
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-7.7	-41.9	26.5	6.0	-88.7	100.8
	Logan	l	-	-	-	-	-	-	-	-	-	-	-	-	-9.4	100.9	82.2	-9.4	101.1	82.3	-13.4	-53.7	26.9	-41.9	8606.7	8522.8
		m	-	-	-	-	-	-	-	-	-	-	-	-	-9.9	62.5	42.6	-9.9	-62.9	43.0	-16.3	-43.2	10.6	-1.1	391.7	389.6
		h	-	-	-	-	-	-	-	-	-	-	-	-	-10.2	87.3	66.9	-	-88.2	67.8	-17.7	-64.6	29.2	61.9	5036.45.2	5037.69.0
	Louisv	l	-2.2	-9.0	4.6	30.4	-0.1	60.8	-2.2	-8.9	4.5	29.9	0.3	59.6	-0.7	-4.8	3.5	-0.7	-4.9	3.6	-0.4	-4.8	4.1	2.8	-5.1	10.8
		m	0.0	-6.5	6.5	6.0	-13.3	25.3	0.0	-6.4	6.5	5.9	-12.9	24.7	0.5	-3.3	4.2	0.5	-3.3	4.2	-0.6	-4.0	2.8	0.5	-5.4	6.4
		h	5.5	-6.9	17.9	4.6	-26.9	36.2	5.5	-6.9	17.9	5.1	-25.7	35.8	1.6	-4.5	7.7	1.6	-4.4	7.7	-1.0	-6.0	4.1	-3.0	-11.5	5.5
	LaPorte	l	-	-	-	-	-	-	-	-	-	-	-	-	-10.6	65.7	44.6	10.6	-66.0	44.8	-	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	-	1.9	32.7	36.5	1.9	-32.7	36.5	-	-	-	-	-	-
		h	-	-	-	-	-	-	-	-	-	-	-	-	-2.9	50.2	44.3	-2.9	-50.1	44.3	-	-	-	-	-	-
	LosAngeles	l	8.2	0.1	16.3	1.3	-11.2	13.7	8.2	0.1	16.3	1.3	-11.3	13.8	7.4	-2.5	17.3	7.4	-2.5	17.3	14.6	3.0	26.1	9.1	-8.9	27.1
		m	9.2	4.1	14.3	3.2	-5.3	11.7	9.2	4.1	14.3	3.2	-5.3	11.7	9.0	3.7	14.2	9.0	3.7	14.3	9.8	3.4	16.3	4.3	-6.2	14.9
		h	10.4	3.7	17.1	5.2	-5.5	16.0	10.4	3.7	17.1	5.2	-5.5	16.0	10.0	2.7	17.4	10.0	2.7	17.4	2.8	-3.0	8.6	-2.0	-11.8	7.8

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
	Lasvegas	l	-8.3	-17.5	1.0	1.6	-9.1	12.2	-8.3	-17.5	1.0	1.6	-9.1	12.2	-30.9	-57.8	-4.1	-30.9	-57.9	-4.0	-0.1	-8.9	8.6	3.5	-17.8	24.8
		m	-5.8	-12.4	0.7	-6.6	-13.8	0.7	-5.8	-12.4	0.7	-6.6	-13.8	0.7	-9.4	-23.1	4.4	-9.4	-23.1	4.4	-3.5	-9.6	2.5	-7.9	-20.0	4.2
		h	0.8	-11.7	13.3	-1.5	-11.9	8.8	0.8	-11.7	13.3	-1.5	-11.9	8.8	9.1	-4.7	23.0	9.1	-4.7	23.0	-0.7	-10.3	9.0	-17.9	-34.0	-1.7
	Little Rock	l	-	-	-	-	-	-	-	-	-	-	-	11.4	-27.6	50.4	11.4	-27.4	50.2	10.5	-18.2	39.3	34.2	-57.1	125.6	
		m	-	-	-	-	-	-	-	-	-	-	-	19.6	-5.1	44.3	19.6	-5.2	44.4	22.0	0.3	43.8	1.1	-56.1	58.3	
		h	-	-	-	-	-	-	-	-	-	-	-	30.3	3.5	57.1	30.3	3.5	57.1	42.3	-3.9	88.4	-29.9	107.3	47.6	
	Macon	l	-	-	-	-	-	-	-	-	-	-	-	8.8	-4.5	22.0	8.8	-4.5	22.0	-	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	0.4	-8.0	8.7	0.4	-8.0	8.7	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-8.7	-20.7	3.2	-8.7	-20.7	3.2	-	-	-	-	-	-	
	McAllen	l	-3.0	-9.2	3.2	3.1	-16.6	22.9	-	-	-	-	-	0.7	-4.9	6.3	0.7	-4.9	6.3	-	-	-	-	-	-	
		m	-0.7	-6.2	4.7	2.3	-13.8	18.5	-	-	-	-	-	0.3	-3.8	4.4	0.3	-3.8	4.4	-	-	-	-	-	-	
		h	4.9	-6.3	16.2	0.5	-23.4	24.5	-	-	-	-	-	1.9	-4.4	8.2	1.9	-4.4	8.2	-	-	-	-	-	-	
	Middles	l	-	-	-	-	-	-	-	-	-	-	-	-0.3	-6.9	6.3	-0.3	-6.9	6.2	3.8	-2.4	10.1	12.9	-1.1	27.0	
		m	-	-	-	-	-	-	-	-	-	-	-	1.0	-4.4	6.3	1.0	-4.4	6.3	1.2	-3.6	6.0	8.0	-2.5	18.5	
		h	-	-	-	-	-	-	-	-	-	-	-	2.7	-6.0	11.4	2.7	-6.0	11.5	-2.7	-9.8	4.5	1.0	-14.0	15.9	
	Middletown	l	-	-	-	-	-	-	-	-	-	-	-	-1.9	-9.9	6.0	-1.9	-9.8	6.0	-	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	1.3	-5.9	8.4	1.3	-5.8	8.4	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	4.3	-7.4	16.0	4.3	-7.4	15.9	-	-	-	-	-	-	
	Medford	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	MadisonIL	l	-3.6	-12.6	5.5	3.0	-19.4	25.3	-	-	-	-	-	-6.9	-14.7	0.8	-6.9	-14.7	0.9	-	-	-	-	-	-	
		m	-0.8	-8.6	7.1	-6.9	-22.9	9.1	-	-	-	-	-	-1.5	-7.9	4.9	-1.5	-7.9	4.9	-	-	-	-	-	-	
		h	-2.2	-14.5	10.0	-17.8	-39.2	3.5	-	-	-	-	-	5.5	-6.1	17.2	5.5	-6.1	17.2	-	-	-	-	-	-	

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
	Modesto	l	-6.4	-29.6	16.8	-22.0	148.9	105.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		m	-0.7	-17.3	16.0	-35.6	-89.8	18.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		h	9.0	-14.5	32.6	-52.2	101.1	-3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	MadisonWI	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Miami	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Melbourn	l	-1.1	-12.0	9.8	-7.5	-19.5	4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		m	-0.7	-9.5	8.1	1.0	-8.8	10.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		h	1.9	-17.3	21.1	9.2	-16.1	34.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Milwaukee	l	7.9	-1.0	16.9	0.7	-14.7	16.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		m	7.3	-0.6	15.2	4.8	-9.5	19.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		h	6.2	-3.9	16.2	11.8	-7.3	31.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Memphis	l	9.6	-10.9	30.1	5.9	-10.1	21.9	6.8	-3.0	16.5	6.6	-12.1	25.2	-0.5	-6.1	5.1	-0.5	-6.1	5.1	-3.8	-11.6	4.0	-14.8	-26.3	-3.3
		m	7.6	-5.7	20.9	17.5	1.7	33.2	5.2	-3.6	13.9	12.8	-5.3	30.9	-0.5	-4.5	3.4	-0.5	-4.5	3.4	-0.5	-5.5	4.5	-0.3	-8.4	7.8
		h	5.0	-11.1	21.1	34.5	4.9	64.2	2.6	-12.9	18.1	23.7	-11.5	59.0	-0.6	-6.4	5.2	-0.6	-6.4	5.2	2.1	-4.9	9.1	16.9	2.3	31.4
	Monmouth	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Minneap	l	10.8	-7.5	29.0	-10.2	-30.6	10.1	79.4	-19.2	178.1	-12.2	-28.8	4.3	-	-	-	-	-	-	22.6	-4.8	50.0	-0.4	-11.4	10.5
		m	-0.3	-11.0	10.4	-8.4	-24.4	7.5	59.1	4.7	113.5	-10.7	-25.3	3.8	-	-	-	-	-	-	9.7	-6.7	26.1	-2.4	-11.1	6.3
		h	12.7	-4.8	30.1	-5.0	-23.8	13.8	23.5	-16.7	63.8	-7.8	-25.8	10.3	-	-	-	-	-	-	-6.1	-32.3	20.1	-5.1	-16.5	6.3

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nampa	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nashua	l	-	-	-	-	-	-	-	-	-	-	-	-8.1	-21.1	4.9	-8.1	-21.1	4.9	-13.0	-29.8	3.8	19.2	-7.8	46.2	
		m	-	-	-	-	-	-	-	-	-	-	-	-11.6	-23.0	-0.2	-11.6	-23.0	-0.2	-8.7	-22.4	4.9	7.6	-10.3	25.4	
		h	-	-	-	-	-	-	-	-	-	-	-	-16.8	-32.8	-0.7	-16.8	-32.8	-0.7	-2.7	-19.0	13.6	-7.7	-36.5	21.1	
	Nassau	l	-	-	-	-	-	-	-	-	-	-	-	-1.3	-4.5	2.0	-1.3	-4.5	2.0	-0.9	-5.4	3.6	-4.0	-11.2	3.2	
		m	-	-	-	-	-	-	-	-	-	-	-	-0.6	-3.7	2.4	-0.6	-3.7	2.4	0.0	-3.3	3.4	-2.9	-8.4	2.6	
		h	-	-	-	-	-	-	-	-	-	-	-	0.5	-4.2	5.1	0.5	-4.2	5.2	1.1	-3.2	5.5	-1.3	-8.3	5.6	
	Niles	l	-	-	-	-	-	-	-	-	-	-	-	-8.8	-26.2	8.6	-8.8	-26.2	8.7	-	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	-5.4	-19.1	8.2	-5.4	-19.0	8.2	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-5.1	-30.7	20.5	-5.1	-30.8	20.6	-	-	-	-	-	-	
	Norfolk	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	-4.4	6.6	-3.3	-12.4	5.7	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-2.9	5.4	-2.3	-9.2	4.6	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-4.5	7.4	-0.9	-11.1	9.3	
	Nashv	l	-	-	-	-	-	-	-	-	-	-	-	-0.8	-6.4	4.7	-0.8	-6.4	4.7	-6.4	-13.0	0.2	0.0	-13.0	13.1	
		m	-	-	-	-	-	-	-	-	-	-	-	-0.4	-5.0	4.1	-0.4	-5.0	4.1	-0.8	-5.1	3.5	2.0	-6.0	10.1	
		h	-	-	-	-	-	-	-	-	-	-	-	0.0	-7.0	7.1	0.0	-7.0	7.1	4.2	-2.8	11.2	3.8	-9.0	16.5	
	Newburgh	l	-	-	-	-	-	-	-	-	-	-	-	-1.5	-15.2	12.2	-1.5	-15.1	12.1	-	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	3.6	-7.4	14.5	3.6	-7.4	14.5	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	10.9	-5.3	27.1	10.9	-5.3	27.1	-	-	-	-	-	-	
	Newhaven	l	27.9	-9.6	65.3	23.8	-1.3	48.8	36.9	-17.7	91.4	31.1	-3.3	65.6	1.5	-13.5	16.4	1.5	-13.5	16.4	19.6	0.1	39.1	0.5	-10.7	11.7
		m	20.8	-2.6	44.1	16.7	-1.0	34.5	27.4	-6.0	60.8	21.8	-2.3	45.9	1.8	-8.1	11.8	1.8	-8.1	11.8	5.8	-2.8	14.5	2.3	-6.4	11.0
		h	10.9	-6.5	28.4	7.0	-10.4	24.3	14.6	-9.5	38.7	9.1	-13.9	32.1	2.3	-14.6	19.2	2.3	-14.7	19.3	-11.4	-25.9	3.0	5.0	-8.0	17.9

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
	Newlond	l	-	-	-	-	-	-	-	-	-	-	-	-	-92.8	123.2	-62.4	-	92.8	124.3	-61.3	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	-84.7	110.6	-58.7	-	84.7	110.8	-58.5	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-56.3	103.0	-9.6	-	56.3	103.2	-9.3	-	-	-	-	-	
	NewOrleans	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.7	3.6	15.8	14.7	-9.2	38.7
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.2	4.7	13.8	11.2	-4.8	27.1
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6	2.0	15.3	6.6	-16.1	29.4
	Newark	l	-	-	-	-	-	-	-	-	-	-	-	-0.9	-7.3	5.5	-0.9	-7.3	5.5	9.5	-2.0	21.0	3.2	-9.0	15.3	
		m	-	-	-	-	-	-	-	-	-	-	-	2.4	-3.2	8.1	2.4	-3.3	8.1	8.2	0.6	15.8	2.3	-6.4	11.0	
		h	-	-	-	-	-	-	-	-	-	-	-	7.2	-1.8	16.1	7.2	-1.8	16.1	8.7	-5.4	22.7	1.2	-10.9	13.4	
	NewYork	l	0.7	-5.5	6.9	1.6	-5.0	8.3	0.7	-4.9	6.2	1.5	-4.6	7.5	0.0	-7.1	7.2	0.0	-7.1	7.2	7.8	0.7	14.9	1.9	-2.4	6.2
		m	4.0	-0.8	8.8	2.3	-3.8	8.4	3.6	-0.6	7.9	2.1	-3.5	7.7	2.1	-2.7	6.9	2.1	-2.7	6.9	9.1	4.7	13.5	0.8	-2.5	4.1
		h	9.6	2.3	16.9	3.9	-6.3	14.1	8.6	2.2	14.9	3.6	-5.7	12.9	9.8	4.3	15.3	9.8	4.3	15.3	10.1	4.1	16.2	-0.7	-5.4	3.9
	Ocala	l	-	-	-	-	-	-	-	-	-	-	-	1.1	-	11.9	14.1	1.1	-11.9	14.1	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	10.0	0.0	20.0	10.0	-0.1	20.0	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	5.6	-8.8	20.0	5.6	-8.8	20.0	-	-	-	-	-	-	
	Oklahoma	l	-	-	-	-	-	-	-	-	-	-	-	3.4	-2.4	9.3	3.4	-2.4	9.3	-8.7	-34.9	17.5	6.9	-3.2	17.0	
		m	-	-	-	-	-	-	-	-	-	-	-	3.4	-1.4	8.1	3.4	-1.4	8.1	18.2	-6.4	42.9	1.4	-6.4	9.2	
		h	-	-	-	-	-	-	-	-	-	-	-	3.3	-4.6	11.2	3.3	-4.6	11.2	6.7	-31.0	44.5	-7.9	-17.2	1.5	
	Oakland	l	-	-	-	-	-	-	-	-	-	-	-	12.6	-	14.4	39.6	12.6	-14.4	39.6	25.8	-2.0	53.6	0.9	-15.9	17.7
		m	-	-	-	-	-	-	-	-	-	-	-	14.9	-3.5	33.4	14.9	-3.5	33.4	19.9	3.9	36.0	1.9	-9.2	13.0	
		h	-	-	-	-	-	-	-	-	-	-	-	19.5	7.0	32.1	19.5	7.0	32.1	14.5	0.6	28.5	3.8	-11.1	18.6	
	Omaha	l	-35.4	-91.8	21.0	-8.2	-43.0	26.7	-30.0	-74.9	15.0	-32.5	268.9	204.0	-0.7	-	16.2	14.7	-0.7	-16.2	14.7	-	-	-	-	-

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Provo	l	11.2	-1.1	23.5	10.4	-12.6	33.4	11.2	-1.2	23.5	10.4	-12.6	33.3	-	-	-	-	-	-	32.2	-14.5	79.0	22.1	-33.5	77.8
		m	11.4	-0.5	23.4	12.4	-10.2	34.9	11.4	-0.6	23.5	12.4	-10.2	35.0	-	-	-	-	-	-	-5.4	-26.7	15.9	19.4	-18.0	56.8
		h	11.8	-5.8	29.4	14.8	-18.3	47.9	11.8	-5.9	29.5	14.8	-18.3	47.9	-	-	-	-	-	-	-6.5	-39.6	26.6	21.3	-35.7	78.4
	PortArthur	l	-	-	-	-	-	-	-	-	-	-	-	-	1.8	-4.4	8.0	1.8	-4.4	8.0	-1.5	-9.8	6.9	-11.8	-35.0	11.3
		m	-	-	-	-	-	-	-	-	-	-	-	-	-2.2	-6.2	1.8	-2.2	-6.2	1.8	-1.3	-6.5	3.8	10.0	-4.2	24.3
		h	-	-	-	-	-	-	-	-	-	-	-	-	-6.5	-	-1.4	-6.5	-11.6	-1.4	-2.5	-7.0	2.0	0.7	-10.9	12.3
	Portage	l	-10.3	-41.2	20.6	35.6	-26.8	97.9	-	-	-	-	-	-	-13.2	-	20.5	-	-46.9	20.5	-	-	-	-	-	-
		m	-1.6	-25.3	22.1	-1.4	-31.1	28.3	-	-	-	-	-	-	-0.2	-	25.9	-0.2	-26.1	25.8	-	-	-	-	-	-
		h	4.6	-33.1	42.4	25.7	-46.9	98.2	-	-	-	-	-	-	21.2	-	59.9	21.2	-17.4	59.8	-	-	-	-	-	-
	Portlime	l	-	-	-	-	-	-	-	-	-	-	-	-	11.1	-	34.3	11.1	-12.1	34.2	6.5	-11.8	24.8	57.4	-14.1	128.9
		m	-	-	-	-	-	-	-	-	-	-	-	-	7.0	-9.3	23.4	7.0	-9.3	23.4	7.2	-6.9	21.4	43.5	-2.5	89.5
		h	-	-	-	-	-	-	-	-	-	-	-	-	10.4	-	38.1	10.4	-17.4	38.3	8.5	-9.2	26.2	23.6	-21.0	68.2
	Providence	l	-	-	-	-	-	-	-	-	-	-	-	-	25.4	-	86.6	25.4	-35.9	86.7	19.4	0.5	38.2	4.5	-5.0	14.1
		m	-	-	-	-	-	-	-	-	-	-	-	-	21.8	-7.7	51.3	21.8	-7.8	51.3	7.4	-3.1	18.0	4.6	-2.5	11.7
		h	-	-	-	-	-	-	-	-	-	-	-	-	21.3	-0.6	43.2	21.3	-0.4	43.1	-2.3	-19.1	14.5	4.7	-4.8	14.2
	Pittsb	l	14.5	-10.1	39.0	1.6	-4.9	8.1	14.5	-10.0	38.9	1.6	-4.9	8.1	-1.2	-5.6	3.2	-1.2	-5.6	3.2	6.4	-14.6	27.3	-0.4	-7.0	6.2
		m	7.5	-7.4	22.3	-0.9	-7.0	5.2	7.5	-7.3	22.3	-0.9	-7.0	5.2	-0.9	-4.4	2.6	-0.9	-4.3	2.6	-0.5	-11.2	10.1	-2.0	-6.8	2.8
		h	-3.5	-15.0	7.9	-5.1	-14.1	4.0	-3.5	-15.0	7.9	-5.1	-14.1	4.0	-3.6	-	3.1	-3.6	-10.2	3.1	-3.8	-25.3	17.7	-4.4	-11.6	2.8
	Richmond	l	-	-	-	-	-	-	-	-	-	-	-	-	-8.9	-	5.0	-8.9	-22.8	5.0	-3.6	-10.0	2.8	13.2	-11.4	37.8
		m	-	-	-	-	-	-	-	-	-	-	-	-	0.6	-9.0	10.3	0.6	-9.0	10.3	-1.1	-6.0	3.9	7.4	-11.0	25.8
		h	-	-	-	-	-	-	-	-	-	-	-	-	-1.0	-	12.3	-1.0	-14.2	12.3	2.3	-5.1	9.8	0.2	-26.8	27.2
	Rochest	l	-	-	-	-	-	-	-	-	-	-	-	-	3.8	-8.3	16.0	3.8	-8.3	16.0	-	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	-	-0.3	-8.9	8.2	-0.3	-8.9	8.2	-	-	-	-	-	-

Country	City		PM10						PM2.5						O3						NO2					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		h	-	-	-	-	-	-	-	-	-	-	-	-	-3.1	-15.0	8.8	-3.1	-15.0	8.9	-	-	-	-	-	-
	Rockville	l	-	-	-	-	-	-	-	-	-	-	-	-	-4.9	-13.1	3.3	-4.9	-13.1	3.3	-	-	-	-	-	-
		m	-	-	-	-	-	-	-	-	-	-	-	1.4	-5.9	8.7	1.4	-5.8	8.6	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	8.5	-3.3	20.2	8.5	-3.3	20.2	-	-	-	-	-	-	
	Reading	l	-12.2	-46.2	21.7	-32.0	123.2	59.1	-	-	-	-	-	-	-32.1	-50.5	-13.8	-32.1	-50.5	-13.8	-10.0	-34.0	14.0	16.8	-16.0	49.6
		m	-4.8	-31.1	21.5	-10.0	-83.1	63.1	-	-	-	-	-	-	-16.9	-30.3	-3.6	-16.9	-30.3	-3.5	2.8	-15.1	20.8	7.4	-15.3	30.2
		h	10.2	-15.9	36.3	50.8	-25.7	127.3	-	-	-	-	-	4.8	-13.7	23.4	4.8	-13.7	23.4	15.7	-13.0	44.3	0.4	-32.7	33.5	
	Reno	l	-17.5	-45.8	10.8	-5.8	-55.5	43.9	-	-	-	-	-	5.8	-7.7	19.4	5.8	-7.7	19.3	2.3	-11.6	16.2	12.6	-11.9	37.1	
		m	-9.2	-32.5	14.1	2.2	-36.8	41.3	-	-	-	-	-	6.4	-3.1	15.9	6.4	-3.1	15.9	1.0	-9.8	11.8	8.5	-10.2	27.2	
		h	-1.7	-34.0	30.7	6.6	-46.4	59.6	-	-	-	-	-	8.1	-7.5	23.6	8.1	-7.5	23.6	-3.3	-24.5	17.9	-3.0	-35.1	29.0	
	Raleigh	l	1.3	-4.9	7.5	-6.8	-27.5	13.9	1.3	-4.9	7.6	-6.8	-27.4	13.8	-0.4	-14.6	13.9	-0.4	-14.6	13.8	-	-	-	-	-	-
		m	-0.1	-6.3	6.1	1.6	-16.2	19.3	-0.1	-6.3	6.1	1.6	-16.0	19.2	-1.6	-11.6	8.3	-1.6	-11.5	8.3	-	-	-	-	-	-
		h	-2.3	-12.9	8.3	26.2	-10.4	62.9	-2.3	-12.9	8.3	26.2	-10.3	62.7	-4.1	-16.5	8.2	-4.1	-16.4	8.2	-	-	-	-	-	-
	Riverside	l	5.4	1.8	8.9	3.8	-2.7	10.2	5.4	1.8	8.9	3.8	-2.7	10.2	1.6	-2.7	6.0	1.6	-2.8	6.0	11.8	1.3	22.3	12.1	-13.8	38.0
		m	4.4	1.8	7.1	3.3	-1.5	8.0	4.4	1.8	7.1	3.3	-1.6	8.1	3.2	0.4	5.9	3.2	0.4	5.9	4.2	-1.3	9.6	-2.7	-13.9	8.6
		h	3.3	0.0	6.7	2.7	-3.4	8.7	3.3	0.0	6.7	2.7	-3.4	8.8	5.4	0.8	10.1	5.4	0.8	10.1	-3.8	-12.6	5.1	-17.8	-37.5	1.8
	Sacramento	l	5.2	-3.2	13.6	6.1	-26.9	39.0	5.2	-3.2	13.6	6.1	-27.1	39.2	4.1	-4.4	12.6	4.1	-4.5	12.6	1.1	-6.9	9.0	6.1	-19.9	32.1
		m	4.4	-1.3	10.1	12.6	-7.4	32.5	4.4	-1.3	10.1	12.6	-7.4	32.6	4.1	-2.4	10.5	4.1	-2.4	10.5	3.6	-2.3	9.5	13.2	-5.1	31.4
		h	3.3	-5.1	11.6	22.6	-6.4	51.7	3.3	-5.1	11.6	22.6	-6.4	51.6	4.1	-4.5	12.7	4.1	-4.5	12.7	9.8	-1.1	20.6	27.8	-7.5	63.0
	Scranton	l	-1.5	-7.1	4.2	5.5	-7.6	18.7	-1.5	-7.0	4.0	5.3	-7.0	17.6	2.1	-5.2	9.5	2.1	-5.2	9.5	0.8	-4.8	6.4	7.3	-5.1	19.6
		m	-2.2	-7.6	3.1	3.7	-8.1	15.6	-1.9	-7.2	3.5	5.0	-6.7	16.8	-2.9	-8.0	2.2	-2.9	-8.0	2.2	-1.1	-5.1	3.0	6.4	-2.7	15.6
		h	-3.9	-12.4	4.7	1.4	-17.6	20.4	-2.7	-11.1	5.7	4.4	-14.1	22.8	-4.8	-14.9	5.3	-4.8	-14.9	5.4	-3.5	-9.0	2.0	5.3	-7.1	17.7
	San Diego	l	-	-	-	-	-	-	-	-	-	-	-	-	-3.6	-9.8	2.7	-3.6	-9.8	2.7	-6.7	-13.0	-0.4	-2.8	-18.0	12.4
		m	-	-	-	-	-	-	-	-	-	-	-	-	-2.3	-6.6	2.0	-2.3	-6.6	2.0	-5.9	-10.5	-1.3	-8.9	-18.6	0.9

Country	City		PM10						PM2.5						O3					NO2							
			CVD			RD			CVD			RD			CVD			RD		CVD			RD				
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	
	San Francisco	h	-	-	-	-	-	-	-	-	-	-	-	-	-1.6	-8.3	5.1	-1.6	-8.3	5.1	-4.4	-11.4	2.6	-8.5	-25.9	8.9	
	San Francisco	l	-	-	-	-	-	-	-	-	-	-	-	-	-7.4	-	3.3	-7.4	-18.2	3.3	-6.0	-17.6	5.6	25.4	-7.3	58.1	
	San Francisco	m	-	-	-	-	-	-	-	-	-	-	-	-	1.4	-6.2	9.1	1.4	-6.2	9.1	-4.4	-13.6	4.9	11.6	-8.5	31.7	
	San Francisco	h	-	-	-	-	-	-	-	-	-	-	-	-	12.6	3.4	21.7	12.6	3.4	21.8	1.3	-9.4	12.1	-5.5	-24.4	13.3	
	Salt Lake	l	-4.6	-21.4	12.1	6.7	-5.0	18.4	-4.6	-21.4	12.2	6.7	-5.1	18.4	-45.9	-	2102.8	-	-	2285.4	2193.7	-0.7	-7.2	5.9	-2.9	-12.6	6.8
	Salt Lake	m	0.3	-11.7	12.4	7.1	-3.8	18.0	0.3	-11.7	12.3	7.1	-3.8	18.0	30.2	118.6	178.9	30.2	118.9	179.2	-0.2	-5.7	5.3	1.3	-7.2	9.8	
	Salt Lake	h	1.0	-14.4	16.4	7.7	-7.3	22.6	1.0	-14.4	16.4	7.7	-7.2	22.6	6.8	-	53.0	66.6	6.8	-52.8	66.4	-5.1	-12.9	2.7	8.1	-6.1	22.3
	San Jose	l	-	-	-	-	-	-	-	-	-	-	-	-	56.5	23.7	89.3	56.5	23.6	89.4	2.3	-13.3	17.9	-7.4	-52.1	37.3	
	San Jose	m	-	-	-	-	-	-	-	-	-	-	-	-	2.7	-7.1	12.5	2.7	-7.2	12.5	0.8	-8.9	10.5	10.3	-16.8	37.5	
	San Jose	h	-	-	-	-	-	-	-	-	-	-	-	-	37.1	17.5	56.6	37.1	17.5	56.7	13.4	-0.4	27.2	34.8	-5.0	74.6	
	Santonio	l	-0.7	-6.1	4.7	-7.3	-16.4	1.8	-	-	-	-	-	-	0.8	-4.4	6.0	0.8	-4.4	6.1	-0.8	-5.4	3.7	-3.9	-13.3	5.5	
	Santonio	m	-3.0	-7.4	1.4	0.6	-7.8	9.0	-	-	-	-	-	-	-0.8	-4.2	2.5	-0.8	-4.2	2.5	-1.5	-5.0	2.0	-4.2	-11.3	3.0	
	Santonio	h	-7.2	-15.5	1.1	17.3	-2.2	36.7	-	-	-	-	-	-	-3.2	-7.8	1.4	-3.2	-7.8	1.4	-2.7	-7.0	1.6	-3.4	-15.3	8.5	
	Spokane	l	7.4	-8.0	22.7	5.4	-13.9	24.7	26.3	0.9	51.7	12.4	-20.3	45.0	-	-	-	-	-	-	-	-	-	-	-	-	-
	Spokane	m	8.5	-3.5	20.4	5.9	-9.6	21.4	18.2	0.1	36.4	13.2	-13.3	39.8	-	-	-	-	-	-	-	-	-	-	-	-	-
	Spokane	h	8.0	-9.3	25.2	3.8	-16.4	23.9	17.6	-4.9	40.1	12.0	-20.9	44.8	-	-	-	-	-	-	-	-	-	-	-	-	-
	Springfield MA	l	-	-	-	-	-	-	-	-	-	-	-	-	0.6	-9.9	11.1	0.6	-9.9	11.1	1.8	-7.1	10.7	0.4	-14.5	15.3	
	Springfield MA	m	-	-	-	-	-	-	-	-	-	-	-	-	5.1	-4.2	14.5	5.1	-4.2	14.5	5.3	-1.5	12.1	-6.3	-16.0	3.4	
	Springfield MA	h	-	-	-	-	-	-	-	-	-	-	-	-	10.5	-7.0	27.9	10.5	-6.9	27.9	9.9	1.1	18.7	-8.9	-20.8	3.0	
	Springfield MO	l	-	-	-	-	-	-	-	-	-	-	-	-	-5.2	-	14.4	4.0	-5.2	-14.4	4.0	-7.8	-21.9	6.3	23.2	1.9	44.4
	Springfield MO	m	-	-	-	-	-	-	-	-	-	-	-	-	-6.5	-	13.1	0.2	-6.5	-13.1	0.1	-7.0	-17.5	3.5	6.3	-7.9	20.5
	Springfield MO	h	-	-	-	-	-	-	-	-	-	-	-	-	-7.8	-	18.1	2.5	-7.8	-18.1	2.5	-3.2	-21.2	14.9	-13.0	-27.3	1.4
	Spartanburg	l	-	-	-	-	-	-	-	-	-	-	-	-	3.1	-	11.6	17.8	3.1	-11.7	17.8	-	-	-	-	-	-
	Spartanburg	m	-	-	-	-	-	-	-	-	-	-	-	-	3.1	-7.3	13.5	3.1	-7.3	13.5	-	-	-	-	-	-	-

Country	City		PM ₁₀						PM _{2.5}						O ₃					NO ₂						
			CVD			RD			CVD			RD			CVD			RD		CVD			RD			
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		h	-	-	-	-	-	-	-	-	-	-	-	-	3.2	-10.5	16.9	3.2	-10.4	16.9	-	-	-	-	-	-
	Sarasota	l	-7.2	-16.9	2.5	-1.2	-12.4	10.0	-	-	-	-	-	-	-5.6	-13.3	2.1	-5.6	-13.3	2.1	-5.6	-11.1	-0.1	2.2	-7.4	11.8
		m	-10.5	-17.4	-3.6	4.0	-4.6	12.7	-	-	-	-	-	-	-6.0	-11.7	-0.2	-6.0	-11.7	-0.2	-4.2	-8.3	0.0	2.4	-4.6	9.4
		h	-10.2	-22.7	2.3	13.8	-0.6	28.2	-	-	-	-	-	-	-6.6	-16.5	3.4	-6.6	-16.5	3.4	-2.7	-10.4	5.0	2.8	-5.0	10.6
	Steubenville	l	0.5	-9.0	10.0	11.8	-37.4	60.9	3.9	-24.2	32.1	5.6	-27.7	38.9	-6.7	-27.8	14.4	-6.7	-27.6	14.3	-	-	-	-	-	-
		m	-3.9	-12.6	4.8	14.4	-24.1	52.8	-2.7	-23.5	18.1	11.1	-19.5	41.8	-7.3	-21.7	7.1	-7.3	-21.8	7.1	-	-	-	-	-	-
		h	-12.5	-27.0	1.9	19.6	-32.9	72.0	-15.4	-38.9	8.1	23.9	-31.6	79.5	-2.1	-26.0	21.8	-2.1	-25.8	21.7	-	-	-	-	-	-
	Saint Charles	l	-	-	-	-	-	-	-	-	-	-	-	-	52.1	-49.9	154.1	52.1	-50.5	154.7	3.6	-8.3	15.5	2.2	-17.6	22.0
		m	-	-	-	-	-	-	-	-	-	-	-	-	27.4	-13.4	68.2	27.4	-13.5	68.3	1.0	-7.7	9.6	-0.7	-13.9	12.5
		h	-	-	-	-	-	-	-	-	-	-	-	-	-3.7	-40.5	33.1	-3.7	-40.4	33.0	-2.6	-15.3	10.2	-7.8	-28.2	12.6
	Stockton	l	12.7	-0.8	26.3	18.5	-6.4	43.5	-	-	-	-	-	-	-3.7	-27.5	20.0	-3.7	-27.4	19.9	25.3	-5.1	55.7	8.3	-14.5	31.2
		m	7.4	-1.7	16.5	14.3	-2.7	31.4	-	-	-	-	-	-	2.9	-14.1	19.9	2.9	-14.1	19.9	20.3	3.8	36.8	12.0	-4.0	27.9
		h	-2.6	-16.6	11.4	6.2	-20.3	32.6	-	-	-	-	-	-	15.1	-0.6	30.7	15.1	-0.7	30.8	12.5	-14.8	39.9	18.1	-9.9	46.2
	Saint Clair	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-3.1	-13.1	6.9	-30.1	-59.2	-1.1
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.2	-4.6	10.9	-13.5	-39.3	12.3
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	-4.8	19.9	14.2	-41.5	69.8
	South Bend	l	-	-	-	-	-	-	-	-	-	-	-	-	2.9	-9.8	15.6	2.9	-9.8	15.6	6.9	-3.2	16.9	-2.5	-18.2	13.3
		m	-	-	-	-	-	-	-	-	-	-	-	-	5.3	-5.5	16.1	5.3	-5.5	16.1	5.9	-1.2	13.1	-3.6	-15.0	7.8
		h	-	-	-	-	-	-	-	-	-	-	-	-	8.7	-9.2	26.6	8.7	-9.2	26.7	4.6	-6.8	16.0	-5.2	-24.1	13.7
	StLouis	l	-3.8	-7.4	-0.1	3.6	-13.6	20.8	-3.8	-7.5	-0.1	3.6	-13.7	20.8	-3.0	-10.2	4.1	-3.0	-10.2	4.2	-0.6	-4.2	3.0	5.3	-1.8	12.5
		m	-3.2	-6.2	-0.2	-1.6	-12.9	9.6	-3.2	-6.2	-0.2	-1.6	-12.9	9.6	-2.6	-7.5	2.3	-2.6	-7.5	2.3	0.6	-2.1	3.2	3.0	-2.1	8.0
		h	-2.5	-8.0	3.0	3.6	-20.6	27.8	-2.5	-8.0	2.9	3.6	-20.5	27.8	-1.7	-8.5	5.1	-1.7	-8.5	5.2	1.5	-2.5	5.5	-1.8	-9.1	5.5
	Stamford	l	-	-	-	-	-	-	-	-	-	-	-	-	-3.8	-34.5	26.9	-3.8	-34.3	26.7	1.4	-5.5	8.2	-8.0	-19.1	3.1

Country	City		PM10						PM2.5						O3			NO2								
			CVD			RD			CVD			RD			CVD			RD		CVD			RD			
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		m	-	-	-	-	-	-	-	-	-	-	-	-	0.6	-20.1	21.3	0.6	-20.0	21.3	0.8	-4.3	5.9	-0.6	-9.7	8.4
		h	-	-	-	-	-	-	-	-	-	-	-	8.8	-8.6	26.3	8.8	-8.5	26.2	0.0	-6.9	6.9	12.5	-1.2	26.2	
	St. Petersburg	l	-	-	-	-	-	-	-	-	-	-	-	4.3	-20.9	29.4	4.3	-21.0	29.5	-13.1	-31.9	5.6	-2.4	-13.0	8.3	
		m	-	-	-	-	-	-	-	-	-	-	-	-24.9	-40.2	-9.6	-24.9	-40.2	-9.6	5.3	-11.7	22.3	0.3	-6.9	7.6	
		h	-	-	-	-	-	-	-	-	-	-	-	28.9	-0.2	57.9	28.9	-0.2	57.9	-3.1	-58.9	52.7	4.1	-5.8	13.9	
	State College	l	-	-	-	-	-	-	-	-	-	-	-	-9.4	-23.5	4.7	-9.4	-23.5	4.8	2.4	-16.3	21.2	-15.0	-67.2	37.2	
		m	-	-	-	-	-	-	-	-	-	-	-	-10.4	21.9	1.2	10.4	-21.9	1.2	2.9	-12.1	18.0	-10.8	-52.0	30.4	
		h	-	-	-	-	-	-	-	-	-	-	-	-11.5	28.9	5.9	11.5	-28.8	5.9	3.9	-17.0	24.8	-2.8	-70.5	64.8	
	Seattle	l	1.3	-20.1	22.7	2.6	-24.6	29.8	0.3	-20.3	21.0	2.8	-26.6	32.2	27.8	-65.2	120.8	27.8	-65.5	121.2	-1.1	-11.4	9.3	-2.5	-35.1	30.2
		m	0.8	-13.9	15.5	6.7	-13.8	27.2	0.2	-14.2	14.7	7.2	-15.1	29.5	14.6	-40.1	69.4	14.6	-40.2	69.5	0.9	-6.4	8.2	-2.5	-23.4	18.5
		h	0.1	-16.3	16.4	10.1	-14.1	34.3	0.1	-16.3	16.5	10.9	-15.4	37.3	-2.1	40.13	35.9	-2.1	-40.0	35.8	3.6	-5.6	12.7	-2.5	-27.5	22.5
	Sioux City	l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Tacoma	l	-64.3	180.5	51.9	79.6	251.7	410.8	-	-	-	-	-	-	-9.7	-26.5	7.2	-9.7	-26.5	7.2	-	-	-	-	-	-
		m	-54.7	103.0	-6.4	75.5	-98.8	249.8	-	-	-	-	-	-	-6.8	-20.0	6.5	-6.8	-20.0	6.5	-	-	-	-	-	-
		h	-33.2	-70.1	3.7	-10.6	-93.2	72.0	-	-	-	-	-	-	-1.4	-14.0	11.3	-1.4	-14.1	11.4	-	-	-	-	-	-
	Tampa	l	0.6	-4.1	5.2	2.1	-4.1	8.2	-0.1	-6.2	5.9	2.1	-4.5	8.7	-1.2	-17.4	15.0	-1.2	-17.4	15.0	2.0	-8.4	12.4	0.8	-7.2	8.7
		m	1.2	-2.5	4.9	1.4	-3.4	6.2	0.2	-4.3	4.7	1.4	-3.7	6.5	2.6	-7.5	12.7	2.6	-7.6	12.8	3.2	-4.6	10.9	0.7	-4.6	6.0
		h	3.2	-3.3	9.7	0.2	-7.3	7.7	2.7	-6.5	11.8	0.4	-7.4	8.2	15.3	-4.8	35.4	15.3	-4.7	35.4	14.8	-2.8	32.3	1.8	-4.7	8.2
	Tucson	l	3.3	-2.5	9.2	-0.8	-9.2	7.5	3.7	-3.5	10.8	-1.3	-11.0	8.5	0.6	-5.5	6.8	0.6	-5.5	6.8	12.9	1.6	24.3	0.0	-10.8	10.8
		m	3.6	-1.5	8.7	-1.5	-8.7	5.8	5.2	-1.0	11.4	-3.1	-11.4	5.2	3.1	-1.0	7.2	3.1	-1.0	7.3	6.7	-1.3	14.7	-0.6	-8.5	7.2

Country	City		PM10						PM2.5						O3			NO2									
			CVD			RD			CVD			RD			CVD			RD			CVD			RD			
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	
		h	4.1	-3.1	11.3	-2.5	-12.9	7.8	7.5	-3.0	18.1	-6.4	-18.0	5.2	5.9	-0.8	12.6	5.9	-0.8	12.6	-3.7	-16.3	8.9	-1.7	-13.1	9.7	
	Tallahassee	l	4.5	-15.3	24.3	-19.0	-72.5	34.4	-	-	-	-	-	-	2.2	-	25.7	2.2	-21.3	25.6	-	-	-	-	-	-	
		m	6.6	-9.7	22.9	-16.0	-62.1	30.1	-	-	-	-	-	-	-2.4	-	12.3	7.5	-2.4	-12.3	7.5	-	-	-	-	-	
		h	11.5	-18.5	41.6	-8.8	-66.5	48.9	-	-	-	-	-	-	6.3	-8.4	21.0	6.3	-8.3	21.0	-	-	-	-	-	-	
	Toledo	l	-1.5	-8.5	5.5	-13.8	-56.0	28.4	-0.8	-9.8	8.1	-12.7	-54.5	29.1	-4.5	-	11.6	2.6	-4.5	-11.6	2.6	-	-	-	-	-	
		m	0.8	-6.1	7.7	-12.4	-42.1	17.3	0.0	-8.9	8.9	-8.1	-40.0	23.8	1.9	-4.5	8.3	1.9	-4.5	8.3	-	-	-	-	-	-	
		h	6.2	-5.1	17.5	8.2	-30.5	47.0	1.8	-12.5	16.2	12.9	-35.4	61.2	9.9	-1.2	21.1	9.9	-1.3	21.1	-	-	-	-	-	-	
	Trenton	l	-	-	-	-	-	-	-	-	-	-	-	-	6.1	-5.2	17.4	6.1	-5.2	17.4	8.3	-2.2	18.8	-13.7	-52.4	25.1	
		m	-	-	-	-	-	-	-	-	-	-	-	-	6.9	-2.8	16.6	6.9	-2.8	16.6	8.1	0.2	16.0	-4.4	-34.7	25.8	
		h	-	-	-	-	-	-	-	-	-	-	-	-	8.0	-7.7	23.6	8.0	-7.7	23.6	7.8	-4.8	20.4	11.5	-45.6	68.6	
	Terra Haute	l	-	-	-	-	-	-	-	-	-	-	-	-	-5.2	-	19.3	8.9	-5.2	-19.3	8.9	-	-	-	-	-	
		m	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-9.8	13.0	1.6	-9.8	13.0	-	-	-	-	-	-	
		h	-	-	-	-	-	-	-	-	-	-	-	-	16.2	-6.2	38.6	16.2	-6.3	38.7	-	-	-	-	-	-	
	Tulsa	l	-	-	-	-	-	-	-	-	-	-	-	-	5.1	-	11.5	21.7	5.1	-11.5	21.7	6.0	-13.2	25.2	1.8	-12.9	16.6
		m	-	-	-	-	-	-	-	-	-	-	-	-	-2.7	-	13.1	7.7	-2.7	-13.1	7.7	-5.2	-14.4	4.0	-1.8	-10.5	6.9
		h	-	-	-	-	-	-	-	-	-	-	-	-	-9.4	-	21.6	2.8	-9.4	-21.6	2.8	-9.5	-24.4	5.4	-5.0	-16.9	6.8
	Visalia	l	-	-	-	-	-	-	-	-	-	-	-	-	22.0	-	14.8	58.9	22.0	-14.9	59.0	9.3	-8.6	27.3	1.2	-19.9	22.3
		m	-	-	-	-	-	-	-	-	-	-	-	-	15.1	-1.6	31.8	15.1	-1.8	32.0	8.6	-4.3	21.4	3.9	-12.1	19.9	
		h	-	-	-	-	-	-	-	-	-	-	-	-	10.9	-9.4	31.3	10.9	-9.3	31.2	7.2	-13.9	28.3	8.9	-18.3	36.1	
	Ventura	l	-	-	-	-	-	-	-	-	-	-	-	-	-2.5	-	15.9	10.9	-2.5	-15.9	11.0	0.8	-12.7	14.4	-10.2	-31.0	10.7
		m	-	-	-	-	-	-	-	-	-	-	-	-	0.8	-8.0	9.6	0.8	-8.0	9.6	1.0	-8.0	9.9	-0.8	-16.0	14.3	
		h	-	-	-	-	-	-	-	-	-	-	-	-	4.1	-9.1	17.3	4.1	-9.1	17.3	1.2	-12.6	14.9	14.3	-12.6	41.1	
	Wichita	l	-1.7	-10.0	6.6	-6.2	-34.1	21.7	-	-	-	-	-	-	-2.3	-	10.1	5.5	-2.3	-10.1	5.5	-2.7	-11.9	6.5	2.9	-14.1	19.9
		m	2.5	-5.3	10.3	-9.0	-28.8	10.8	-	-	-	-	-	-	0.8	-5.9	7.4	0.8	-5.9	7.4	-1.6	-9.0	5.7	2.7	-10.4	15.7	
		h	7.9	-3.2	19.0	-12.3	-31.7	7.0	-	-	-	-	-	-	4.6	-6.4	15.6	4.6	-6.5	15.6	0.3	-9.7	10.3	2.4	-15.2	20.1	

Country	City		PM10						PM2.5						O3						NO2							
			CVD			RD			CVD			RD			CVD			RD			CVD			RD				
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI		
	Weber	l	4.8	-19.6	29.2	19.1	-16.7	54.9	-	-	-	-	-	-	-	-	-	-	-	-	10.5	-24.6	45.6	97.6	-	360.3		
		m	8.4	-13.9	30.7	21.0	-12.9	54.9	-	-	-	-	-	-	-	-	-	-	-	-	11.6	-12.5	35.7	34.6	-53.8	123.0		
		h	1.8	-27.1	30.7	23.7	-28.4	75.8	-	-	-	-	-	-	-	-	-	-	-	-	5.2	-26.7	37.0	-12.8	-	76.5		
	Wilmington	l	-2.4	-12.7	8.0	16.3	-5.1	37.7	-2.5	-13.6	8.5	17.6	5295.0	5330.2	-2.1	-	10.3	6.1	-2.1	-10.2	6.1	-11.1	-28.0	5.7	20.9	-3.4	45.3	
		m	-4.1	-13.7	5.4	8.8	-9.9	27.4	-4.4	-14.7	5.8	9.4	420.9	439.7	1.0	-6.4	8.4	1.0	-6.5	8.4	-6.6	-19.3	6.0	8.9	-6.1	24.0		
		h	-7.5	-21.3	6.4	-4.5	-29.3	20.3	-8.0	-22.8	6.8	-4.8	-	-	4.7	-7.1	16.5	4.7	-7.1	16.6	-0.9	-20.0	18.1	-1.3	-18.6	16.0		
	Winston	l	6.0	-1.7	13.8	-13.7	-82.6	55.2	6.0	-1.7	13.8	-13.7	-82.8	55.4	5.0	-3.4	13.4	5.0	-3.4	13.4	4.9	-8.7	18.6	-5.4	-21.2	10.4		
		m	3.9	-3.2	10.9	14.6	-37.2	66.4	3.9	-3.2	10.9	14.6	-37.4	66.5	4.5	-2.3	11.4	4.5	-2.3	11.4	4.1	-5.0	13.3	-2.0	-12.6	8.6		
		h	1.1	-9.6	11.8	65.3	-6.5	137.0	1.1	-9.6	11.9	65.3	-6.3	136.8	4.0	-7.5	15.5	4.0	-7.4	15.5	2.6	-12.0	17.2	2.4	-14.0	18.7		
	Worcester	l	-	-	-	-	-	-	-	-	-	-	-	-	-2.3	-	13.2	8.7	-2.3	-13.2	8.7	-5.5	-14.9	3.9	11.4	0.4	22.4	
		m	-	-	-	-	-	-	-	-	-	-	-	-	-5.8	-	15.5	3.9	-5.8	-15.4	3.8	-3.9	-11.1	3.2	6.9	-1.1	14.9	
		h	-	-	-	-	-	-	-	-	-	-	-	-	-11.1	-	25.9	3.7	-	11.1	-25.9	3.7	-1.8	-11.6	7.9	1.1	-10.0	12.3
	WDC	l	-	-	-	-	-	-	-	-	-	-	-	-	9.3	1.5	17.1	9.3	1.5	17.2	9.5	-0.3	19.3	3.0	-13.0	18.9		
		m	-	-	-	-	-	-	-	-	-	-	-	-	6.0	-0.2	12.3	6.0	-0.2	12.3	5.9	-1.6	13.4	4.5	-7.8	16.8		
		h	-	-	-	-	-	-	-	-	-	-	-	-	-0.2	-	10.4	10.0	-0.2	-10.3	10.0	0.6	-9.8	11.1	6.9	-12.9	26.6	
	Washington	l	-12.3	-25.0	0.5	-7.8	123.6	107.9	-11.2	-22.5	0.2	-7.1	130.1	115.8	-9.0	-	17.0	-1.0	-9.0	-17.0	-1.0	-6.8	-16.0	2.4	23.6	-24.2	71.5	
		m	-10.5	-20.7	-0.2	33.5	-44.2	111.2	-9.8	-19.1	-0.5	34.4	-44.1	113.0	-6.8	-	13.0	-0.5	-6.8	-13.0	-0.5	-4.9	-11.9	2.0	10.2	-24.7	45.1	
		h	-6.9	-23.0	9.1	57.6	-45.7	161.0	-7.0	-22.5	8.4	40.0	-52.1	132.1	-4.0	-	14.9	6.9	-4.0	-14.9	6.9	-2.6	-15.6	10.4	-12.3	-83.9	59.4	
	Youngstown	l	-	-	-	-	-	-	-	-	-	-	-	-	-0.8	-8.1	6.5	-0.8	-8.1	6.5	-	-	-	-	-	-		
		m	-	-	-	-	-	-	-	-	-	-	-	-	1.8	-4.3	7.9	1.8	-4.3	8.0	-	-	-	-	-	-		

Country	City		PM ₁₀						PM _{2.5}						O ₃						NO ₂					
			CVD			RD			CVD			RD			CVD			RD			CVD			RD		
			%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI	%	LCI	UCI
		h	-	-	-	-	-	-	-	-	-	-	-	-	5.1	-5.2	15.4	5.1	-5.2	15.4	-	-	-	-	-	-
	York	l	-3.9	-11.6	3.8	4.8	-11.2	20.8	-	-	-	-	-	-	-3.9	-13.2	5.4	-3.9	-13.2	5.4	-3.1	-10.8	4.5	0.6	-14.7	15.9
		m	-2.7	-9.8	4.4	5.9	-8.7	20.6	-	-	-	-	-	-	-0.1	-7.4	7.2	-0.1	-7.4	7.2	-2.6	-8.3	3.1	0.1	-11.0	11.3
		l	-0.6	-12.3	11.1	8.0	-16.6	32.6	-	-	-	-	-	-	-4.8	-17.8	8.2	-4.8	-17.7	8.2	-1.8	-10.9	7.2	-0.5	-18.2	17.1