**Online-only Supplements**

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**eMethods 1 – Description of the MCC data**

Here we provide a detailed description of the mortality and environmental data used in the present study. As mentioned in the method section of the main manuscript, this data is included in a large dataset collected through the Multi-Country Multi-city (MCC) Collaborative Research Network (<http://mccstudy.lshtm.ac.uk/>). The dataset has been used in previous publications on temperature-related mortality and related topics (e.g. Gasparrini et al. 2015 Lancet) and a recent study on mortality associated to inhalable particles (Liu et al. 2019 NEJM). A detailed description of the air pollution data is provided in the latter. Below we describe for each country the specific data sources, the definition of the variables and the quality checks that were applied.

*Selection of the study locations*

We initially included 434 locations available in the MCC database at the time of the study, with available data on daily mortality, mean temperature and ozone (computed as 8-hour maximum). The selection was restricted to cities or metropolitan areas included in the MCC dataset (i.e., regions or provinces were excluded). We then selected 423 that provided data for more than 3 years between 1985 and 2015. Note that for most of the cities, air pollutants were available during specific time intervals which might not be homogeneous within country and not consistent with the mortality and temperature data. The main study period reported in Table 1 is defined as the time between the earliest year and latest year for which ozone data was available in each city within country and by air pollutant. Then, an exploratory analysis of the ozone data was performed as a quality check. From the 423 locations initially selected, we excluded 6 locations (1 in Italy and 5 in the US) with a percentage of missing values above 75% in the 30-days moving average of ozone. We then excluded 6 locations for which the temporal patterns in daily ozone did not follow the expected seasonal trends for this air pollutant, for instance showing abrupt steps, potentially due to changes in the monitors (e.g. relocation, change in the device) or other technical problems. Finally, 5 locations were excluded (1 in Mexico, 1 in South Africa, and 3 in the US) where mortality series presented more than 50% of missing counts. We specify below the locations that were excluded and the reason for exclusion in each country. For each sensitivity analysis using other pollutants, additional exclusions were performed depending on data availability of each air pollutant and weather variable.

*Characteristics of the air pollution data*

A unique daily series of each pollutant was derived from one or more monitoring stations of the national or regional network available in each city. When more than one monitor, an average daily measurement was derived. See information in each country on the number and characteristics of the monitor considered.

At the time of the data collection, countries provided air pollution levels in µg/m3 for nitrogen dioxide and inhalable particles (PM10, PM2.5), and for ozone in µg/m3, ppm or ppb. Prior to data analysis, ozone series were harmonized in terms of units of measure to µg/m3. The conversion factors used were: 1 ppb = 10-3 ppm = 2 µg/m3.

Refer to Table S1 for city-specific periods and descriptive summaries of the data.

*Description of the data in each country*

Australia (3 cities, 2000-2009)

Daily mortality, gathered from the Australian Bureau of Statistics, is represented by counts of deaths due to non-external causes (ICD-9: 0-799; ICD-10: A00-R99). Mean daily temperature (˚C) and relative humidity (%) were obtained from the Australian Bureau of Meteorology. Hourly measurements of inhalable particulate matter with an aerodynamic diameter of 10 μm or less (PM10), inhalable particulate matter with an aerodynamic diameter of 2.5 μm or less (PM2.5) only between 2003 and 2009, nitrogen dioxide (NO2), and ozone (O3) were collected from urban monitoring stations run by local EPA. Daily PM10, PM2.5 and NO2 measurements were computed as 24-hour average and daily maximum 8-hour average for O3. In total, missing data amount for 0.0, 0.0, 1.4, 3.2, 8.3 and 4.0% of the mortality, mean temperature, relative humidity, O3, PM10, PM2.5 and NO2 series, respectively.

Canada (26 metropolitan areas, 1986-2011)

Daily mortality, obtained from Statistics Canada through access to the Canadian Mortality Database, is represented by counts of deaths for all causes. Mean daily temperature (in ˚C), computed as the 24-hour average based on hourly measurements, and relative humidity (%) were 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 available in 16 cities between 2000-2011, PM2.5 in 25 cities between 2006 and 2011, NO2 in 25 cities in 2007-2011, and measures of O3 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, PM2.5 and NO2 levels were computed as the 24-hour average and daily maximum 8-hour average for O3 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. In total, missing data amount for 2.1, 1.0, 8.8, 4.1, 19.9, 7.1 and 7.2% of the mortality, mean temperature, relative humidity, O3, PM10,PM2.5 andNO2 series, respectively.

China (3 cities, 1996-2015 period)

Initially, we collected data from 4 Chinese cities from the Municipal Center for Disease Control. Daily mortality is represented by counts of deaths for non-external causes (ICD-9: 0-799; ICD-10: A00-R99). Each city had a different study period between 1996 and 2015, see in eTable2. Mean daily temperature (in ˚C), computed as the 24-hour average from hourly measurements, and relative humidity (%) were collected from the meteorological departments of each city. Measures of PM10, NO2 and ozone O3 were collected from urban monitoring stations run by China National Environmental Monitoring Center. Daily PM10 andNO2 levels were computed as the 24-hour mean and daily maximum 8-hour average for O3 using hourly measurements. The analysis was restricted to 3 cities with a minimum of three years of data. PM10 and NO2 measurements were available between 2005 and 2015. In total, missing data amount for 17.8, 17.8, 11.1, 21.9, 18.3 and 18.1% of the mortality, mean temperature, relative humidity, O3, PM10 andNO2 series, respectively.

Czech Republic (1 city, 1994-2009)

Daily mortality is represented by counts of all-cause deaths obtained from the Czech Statistical Office and the Institute of Health Information and Statistics. Mean daily temperature (in ˚C) and relative humidity (%), computed as the average of observations in standard climatic terms (7:00, 14:00 and 21:00 local time) were collected by the Czech Hydrometeorological Institute. The average value was calculated according to formula (T07 + T14 + 2\*T21)/4. Information about daily PM10 andNO2 levels computed as 24-hour average and maximum 8-hour average for O3 were provided by the Czech Hydrometeorological Institute. The daily values were calculated from 4 stations (2 urban + 2 suburban). In total, missing data amount for 0.0, 0.0, 0.0, 0.1, 0.1 and 0.1% of the mortality, mean temperature, relative humidity, O3, PM10 andNO2 series, respectively.

Estonia (4 cities, 2002-2015)

Daily mortality is represented by counts of deaths for non-external causes (ICD-9: 0-799; ICD-10: A00-R99) obtained from Estonian Causes of Death Registry. Mean daily temperature (in ˚C) and relative humidity (%) were computed as the 24-h average of hourly measurements collected from Estonian Environment Agency*.* A single weather station located nearby the urban area was selected for each city. Hourly measurements PM10, PM2.5, NO2 and O3 were collected from urban background stations run by the Estonian Environmental Research Centre. Daily PM10, PM2.5 andNO2 levelswere computed as 24-hour average and daily maximum 8-hour average for O3; for each pollutant, city average among monitoring stations was calculated. PM10 and NO2 measurements were available between 2009 and 2015 and PM2.5 between 2010 and 2015. In total, missing data amount for 0.0, 0.0, 0.0, 5.1, 6.2, 7.7 and 7.8% of the mortality, mean temperature, relative humidity, O3, PM10, PM2.5 andNO2 series, respectively.

France (18 cities, 2000-2010)

Daily mortality, obtained from French National Institute of Health and Medical Research (CepiDC), is represented by counts of deaths for all causes. Mean daily temperature (in ˚C), computed as the mean of the minimal and maximal temperature, and relative humidity (%) was obtained from Meteo 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 levelswere computed as 24h average and daily maximum 8-hour average for O3. Measurements were obtained from multiple stations (with different numbers for each city). PM10 measurements were available between 2001 and 2010. In total, missing data amount for 0.0, 0.1, 0.1, 0.1 and 1.8% of the mortality, mean temperature, relative humidity, O3 and PM10 series, respectively.

Germany (12 cities, 1993-2015)

Daily mortality, obtained from the Research Data Centres of the Federation and the Federal States of Germany (Forschungsdatenzentrum der Statistischen Ämter des Bundes und der Länder), is represented by counts of deaths for all causes. 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 centre were chosen, provided that measurements were available for the whole study period. Hourly measurements of PM10, PM2.5, NO2 and O3 were collected through the German Environment Agency (Umweltbundesamt) from urban background stations. Daily PM10, PM2.5 andNO2 levelswere computed as 24-hour average and daily maximum 8-hour average for O3.Measurements were obtained from multiple stations (with different numbers for each city). PM10 measurements were available between 2003 and 2015, PM2.5 between2010 and 2015 only in 11 cities and NO2 between 1994 and 2015. In total, missing data amount for 0.0, 0.0, 5.1, 4.3, 5.8 and 5.3% of the mortality, mean temperature, O3, PM10,PM2.5 andNO2 series, respectively.

Greece (1 city, 2001-2010)

Daily mortality is represented by counts of deaths for all causes (ICD-9: 0-799; ICD-10: A00-R99) 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 (<http://www.noa.gr/>) from site “Thisio” located in the city of Athens. Hourly measurements PM10, PM2.5, NO2 and ozone (O3) were obtained from the Ministry of Environment and Energy fixed site monitoring network. Urban or suburban fixed monitoring background or traffic sites with at least 75% complete information per year of the study period were selected Daily PM10, PM2.5 and NO2 levelswere computed as 24-hour average and daily maximum 8-hour average for O3. PM2.5 was only available between 2007 and 2010. In total, missing data amount for 0.0, 6.0, 5.9, 0.0, 1.5, 1.8, and 0.0% of the mortality, mean temperature, relative humidity, O3, PM10, PM2.5 and NO2 series, respectively.

Italy (9 cities, 2006-2015)

Data on 14 Italian cities were initially included, but only 9 cities were selected according to the selection criteria. Daily mortality, obtained from local mortality registries and from the rapid mortality surveillance system, is represented by counts of deaths for all causes (ICD-9: 0-799; ICD-10: A00-R99). 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 and O3 were obtained from the same period. Daily PM10 levelswere computed as 24h average and daily maximum 8-hour average for O3. In total, missing data amount for 0.0, 0.5, 1.7 and 1.7% of the mortality, mean temperature, O3 and PM10 series, respectively.

Japan (45 cities, 2011-2015)

Data was initially collected from each capital city of the 47 prefectures of Japan, but 2 locations with a short study period (less than 3 years) were excluded. Daily mortality, obtained from computerized death certificate data from the Ministry of Health, Labour and Welfare, Japan, is represented by counts of deaths for all causes. Mean daily temperature (in ˚C) and relative humidity (in %), computed as the 24-hour average based on hourly measurements, were obtained from the Japan Meteorological Agency. A single weather station located within the urban area of the capital city was selected for each prefecture. Hourly measurements of PM10, PM2.5, NO2 and O3 were collected from the urban monitors within the capital cities maintained by the Ministry of the Environment of Japan. Daily PM10, PM2.5 and NO2 levelswere computed as 24-hour average and daily maximum 8-hour average for O3. PM10 measurements were available between 2013 and 2015, and PM2.5 between 2014 and 2015. In total, missing data amount for 0.0, 0.1, 0.1, 0.9, 3.1, 6.4, and 0.8% of the mortality, mean temperature, relative humidity, O3, PM10, and NO2 series, respectively.

Mexico (7 cities, 2000-2012)

Daily mortality, obtained from National Institute of Statistics, Geography and Informatics, is represented by counts of deaths for all causes. Mean daily temperature (in ˚C) and relative humidity (%) 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, PM2.5 and O3 were obtained from urban monitors of the local monitoring network. Daily PM10 andPM2.5 levels were computed as the 24-hour mean and daily maximum 8-hour average for O3 from hourly measurements. Data from 9 cities were initially included, but 2 locations were eventually excluded due to poor quality of O3 data. PM10 measurements were available between 2010 and 2012, and PM2.5 between 2011 and 2012 only in 5 cities. In total, missing data amount for 0.0, 17.3, 7.0 and 5.5% of the mortality, mean temperature, O3 and PM10 series, respectively.

Portugal (2 cities, 1997-2012)

Daily mortality, obtained from Statistics Portugal, is represented by counts of deaths for non-external causes only (ICD-9: 0-799; ICD-10: A00-R99). Mean daily temperature (in ˚C) was computed as the 24-hour average based on hourly measurements collected from the National Oceanic and Atmospheric Administration (NOAA). Hourly measurements of PM10, PM2.5, NO2 and O3 were gathered from the “online database of air quality” through Portuguese Environment Agency from urban monitors. Daily PM10,PM2.5 and NO2 levels were computed as the 24-hour mean and daily maximum 8-hour average for O3 from hourly measurements. PM10 and NO2 measurements were available between 1999 and 2012, and PM2.5 between 2004 and 2012 only in 1 city. In total, missing data amount for 0.0, 0.1, 5.0, 4.8, 8.2 and 0.1% of the mortality, mean temperature, O3, PM10,PM2.5 and NO2 series, respectively.

South Korea (7 cities, 1999-2015)

Daily mortality was obtained from the Korea National Statistics Office, and is represented by counts of deaths for all causes. Mean daily temperature (in ˚C) and relative humidity (%) were computed as the 24-hour average based on hourly measurements. Measures of PM10, NO2 and O3 were available in the period 1999-2015 from monitors of the National Institute of Environmental Research. Daily PM10 and NO2 levels were computed as the 24-hour mean and daily maximum 8-hour average for O3 from hourly measurements. In total, missing data amount for 0.9, 0.9, 0.9, 0.9, 1.4 and 0.9% of the mortality, mean temperature, relative humidity, O3, PM10 and NO2 series, respectively.

South Africa (5 cities, 2004-2013)

Daily mortality, provided by Statistics South Africa, is represented by counts of all recorded deaths from all causes at the level of the district municipality. Mean daily temperature (in ˚C) was computed as the average between daily minimum and maximum collected from the Agricultural Research Council of South Africa and the National Oceanic and Atmospheric Administration (NOAA). Hourly measurements of PM10 and O3 were collected at sites managed by the Department of Environmental Affairs (DEA) run by South African Weather Service (SAWS), the eThekwini Municipality, The City of Johannesburg, Sasol, and ESKOM. The eThekwini sites are within the coastal city of Durban on the Indian Ocean. The other sites are in the urban and industrial highveld region of South Africa. The monitoring sites in the industrial highveld include a range of site characteristics, including regional background, traffic, urban, power plant plume, industrial, residential, and low-income residential sites. Daily PM10 levels were computed as the 24-hour mean, and daily maximum 8-hour running average for O3 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. All air quality data, except for the ESKOM run stations, were accessed through SAAQIS (http://www.saaqis.org.za/), which is run and hosted by SAWS. Data from 6 cities in South Africa were initially included, but 1 location was eventually excluded due to the poor quality of the ozone data. In total, 7.3%, 14.4% and 10.1% of the mortality, mean temperature, O3 and PM10 series was missing, respectively. We thank the Statistics South Africa for providing the mortality data, the Agricultural Research Council for providing the meteorological data, and DEA, SAAQIS, SAWS as well as all the data providers (ESKOM, Sasol, City of Johannesburg, and the eThekwini Municipality) for providing the air pollution data. Statistics South Africa had no had no role in the study design, data analysis or interpretation.

Spain (48 cities, 2004-2014)

Data was collected from the 48 capital cities of each province in Spain. Daily mortality, obtained from Spain National Institute of Statistics, is represented by counts of deaths for non-external causes (ICD-9: 0-799; ICD-10: A00-R99). Mean daily temperature (in ˚C), computed as the 24-hour average based on hourly measurements, and 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, PM2.5, NO2 and O3 were collected from the free national repository (Magrama) from urban and suburban monitors. Daily PM10, PM2.5 and NO2 levelswere computed as 24-hour average (only for 43, 20 and 45 cities, respectively) and daily maximum 8-hour average for O3.  PM10 and NO2 were collected between 2010 and 2014, and PM2.5 between 2013 and 2014. In total, missing data amount for 0.0, 0.5, 5.9, 9.7, 11.8 and 6.7% of the mortality, mean temperature, O3, PM10 , PM2.5 and NO2 series, respectively.

Sweden (1 city, 1990-2010)

Daily mortality, obtained from the Swedish Cause of Death Register at the Swedish National Board of Health and Welfare, is represented by counts of deaths for all causes. Mean daily temperature (in ˚C) and relative humidity (%), computed as the 24-hour average based on hourly measurements, were obtained from the Environment and Health Administration. A single weather station, located at Torkel Knutssongatan in Central Stockholm, was selected. Hourly measurements of PM10, PM2.5,NO2 and O3 were collected from the main urban background monitor run by the local monitoring network. Daily PM10,PM2.5 and NO2 levels were computed as the 24-hour average and for O3 as 8-hour maximum. PM10 and PM2.5 were collected between 1993 and 2014, and 2001 and 2010, respectively. In total, missing data amount for 0.0, 0.2, 0.3, 4.2, 9.9, 9.3 and 0.1% of the mortality, mean temperature, O3, PM10 and NO2 series, respectively.

Switzerland (8 cities, 1995-2013)

Data on the 8 cities in Switzerland was collected. We extended the catching area of Lugano to the small municipalities around the main city with similar altitude. Daily mortality, provided by the Federal Office of Statistics (Switzerland), is represented by counts of non-external deaths other than accidents (ICD-10codes A00-R99, V01-V99, W00-X59). Mean daily temperature (in ˚C) and relative humidity (%), computed as the 24-hour average based on hourly measurements, were 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, PM2.5,NO2 and O3 were provided by the Immissionsdatenbank Luft (IDB, Federal Office of the Environment, Bern, Switzerland). Daily PM10, PM2.5 and NO2 levels were computed as the 24-hour average from urban monitoring stations, and as 8h-maximum for O3 from urban and sub-urban monitoring stations. PM10 and PM2.5 were collected between 2003 and 2013. In total, missing data amount for 0.0, 0.0, 0.0, 4.8, 1.8, 6.9 and 0.5% of the mortality, mean temperature, relative humidity, O3, PM10, PM2.5 and NO2 series, respectively.

Taiwan (3 cities, 2008-2014)

Daily mortality, obtained from the Department of Health in Taiwan, is represented by counts of deaths for all causes. Mean daily temperature (in ˚C) and relative humidity (%) were computed as the 24-hour average based on hourly measurements. Hourly measurements of PM10, PM2.5, NO2 and O3 were obtained from urban monitors of the local monitoring network. Daily PM10,PM2.5  andNO2 levels were computed as the 24-hour average and for O3 as 8-hour maximum. Data were pooled from 1 meteorological station and 11 air quality monitoring stations in Kaohsiung, 2 meteorological station and 5 air quality monitoring stations in Taichung, and 3 meteorological station and 15 air quality monitoring stations in Taipei. In total, missing data amount for 0.0, 0.0, 0.0, 0.0, 0.0, 0.1 and 0.0% of the mortality, mean temperature, relative humidity, O3 PM10,PM2.5  and NO2 series, respectively.

United Kingdom (15 conurbations, 1993-2006)

Daily mortality, gathered from Office for National Statistics, is represented by counts of deaths for all causes. Mean daily temperature (in ˚C) and relative humidity (in %) were obtained from the Meteorological Department obtained from British Atmospheric Data Centre. Series for each city daily mean temperatures were similarly constructed from all meteorological stations providing data for at least 75% of days. All data on air pollution levels were downloaded from the UK Air Quality Archive, which reports results from the network of monitoring stations operated by the UK government. Hourly measurements of PM10 and O3 were available in the same period from urban and sub-urban monitoring stations. Daily PM10 levels were computed as the 24-hour average from urban monitoring stations, and as 8hour-maximum for O3. In total, missing data amount for 0.0, 0.0, 13.6, 7.3 and 7.9% of the mortality, mean temperature, relative humidity, O3 and PM10 series, respectively.

United States (188 cities, 1985-2006)

Daily mortality is represented by counts of deaths for all causes. Mean daily temperature (in ˚C) and relative humidity (%), computed as the 24-hour average based on hourly measurements, were obtained from the National Climatic Data Center (NCDC) of the National Oceanic and Atmospheric Administration (NOAA). Hourly measurements of PM10, PM2.5,NO2 and O3 were gathered from the U.S. Environmental Protection Agency (EPA) Air Quality System (AQS), from urban and sub-urban monitoring stations. Daily PM10,PM2.5 and NO2 levels were computed as the 24-hour average from urban monitoring stations (only for 176 and 137 cities), and as 8-hour-maximum for O3 from monitors located in the county or set of contiguous counties in which the city is located. 91 out the 182 US cities registered daily O3 levels only during the summer period. Data from 205 cities were initially collected, but 8 locations with a short study period (less than 3 years) were excluded, along with other 9 locations with a poor quality of O3 data. PM10 and PM2.5 were collected between 2005 and 2006, and 2004 and 2006, respectively. In total, missing data amount for 0.8, 0.8, 5.2, 23.4, 64.7, 41.2 and 14.5% of the mortality, mean temperature, relative humidity, O3, PM10,PM2.5 and NO2 series, respectively.

**eMethods 2. Additional information on the statistical analysis**

Control for temperature in the main model

We control for temperature with distributed lag non-linear model (DLNM) of mean daily temperature. According to a previous study of MCC collaborative network (Gasparrini et al. Lancet 2015), the non-linear and delayed temperature-mortality association was modelled through a quadratic b-spline with internal knots in the 10th, 75th, 90th percentiles in the exposure-response dimension, and natural spline with 3 equally-spaced internal knots in the log scale of the lag dimension, up to 21 days of lag.

Description of the additional analysis

Here we provide a detailed description of specific features of the additional analyses.

As described in the main manuscript, we explored potential non-linearity and delayed associations between ozone and mortality. The modelling choices selected (specifications of modelling function of ozone) for each sub-analysis were chosen based on q-AIC among different combinations of smoothing functions and placement and number of knots for the exposure-response and lag dimension, respectively.

* Modelling choices for the non-linear concentration-response function: natural cubic spline and quadratic b-spline with 1 or 2 internal knots placed in 50 and 60 µg/m3.
* Modelling choices for the lag-association function: natural cubic spline with 1, 2 or 3 internal knots placed equally-spaced in the natural or log scale of the lag dimension up to 30 days.

City-specific non-linear exposure-response associations and lag-response associations obtained in these two additional analyses were pooled following the same method described in the main manuscript for the final model. More details on this methodology can be found in Gasparrini et al. 2013 BMC Med Res Methodol.

Description of the sensitivity analyses

*Different control for time trends*: natural spline with 4 and 10 degrees of freedom per year.

*Control for PM10, PM2.5 and NO2*: air pollutants were included one by one in the main model as linear unconstrained distributed-lag linear models (DLMs) for the same and previous day of the exposure (lags 0 and 1).

*Control for relative humidity*: we controlled for relative humidity in the model as a linear term of lag0.

*Modelling approaches used to control for temperature*:

* Main model: quadratic b-spline with internal knots in the 10th, 75th, 90th percentiles in the exposure-response dimension, and natural spline with 3 equally-spaced internal knots in the log scale of the lag dimension, up to 21 days of lag.
* Approach 1: quadratic b-spline with internal knots in the 10th, 75th, 90th percentiles in the exposure-response dimension, and natural spline with 3 equally-spaced internal knots in the log scale of the lag dimension, up to 13 days of lag.
* Approach 2: quadratic b-spline with 3 internal knots equally-spaced quantiles in the exposure-response dimension, and natural spline with 1 internal knot equally-spaced in the log scale of the lag dimension, up to 13 days of lag.
* Approach 3: natural cubic spline with 3 degrees of freedom of the moving average lag013.
* Approach 4: natural cubic spline with 3 degrees of freedom of the moving average lag03.

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**eTable 1.** Complementary table with a description of other environmental data not included in Table 1.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **PM10**  **(Median [IQR])** | **PM2.5**  **(Median [IQR])** | **NO2**  **(Median [IQR])** | **Relative humidity**  **(Median [IQR])** |
| *Australia* | 18.2 [14.5; 23.2] | 6.0 [4.3; 8.4] | 21.4 [14.1; 27.9] | 70.1 [62.6; 77.1] |
| *Canada* | 12.0 [7.6; 20.3] | 7.3 [4.7; 11.5] | 13.9 [9.5; 19.4] | 73.7 [64.7; 82.3] |
| *China* | 66.7 [46.5; 97.2] | -- | 37.6 [28.0; 50.5] | 76.7 [69.1; 83.6] |
| *Czech Republic* | 29.4 [19.9; 44.7] | -- | 30.8 [24.2; 38.7] | 78.0 [68.0; 86.0] |
| *Estonia* | 14.4 [9.3; 21.8] | 7.4 [4.3; 11.8] | 11.4 [7.6; 16.7] | 84.2 [74.8; 91.2] |
| *France* | 18.7 [13.9; 25.1] | -- | -- | 76.2 [67.5; 84.1] |
| *Germany* | 20.1 [14.3; 28.7] | 12.1 [8.1; 18.3] | 29.6 [21.8; 38.4] | -- |
| *Greece* | 39.5 [29.5; 53.1] | -- | 50.2 [39.6; 61.6] | 66.0 [54.0; 75.4] |
| *Italy* | 28.2 [21.0; 40.6] | -- | -- | -- |
| *Japan* | 16.8 [11.7; 23.9] | 12.6 [8.4; 18.3] | 17.5 [12.7; 24.4] | 69.6 [60.6; 77.7] |
| *Mexico* | 53.4 [38.5; 72.7] | 25.6 [19.0; 33.1] | -- | 60.8 [50.0; 71.1] |
| *Portugal* | 27.2 [18.5; 40.8] | 11.0 [7.1; 18.0] | 26.9 [17.2; 39.0] | -- |
| *South Africa* | 48.1 [31.4; 73.1] | 27.0 [18.2; 39.6] | -- | -- |
| *South Korea* | 46.0 [33.3; 63.0] | -- | 44.5 [33.6; 58.5] | 65.0 [52.3; 75.6] |
| *Spain* | 25.2 [19.2; 32.7] | 11.5 [8.1; 16.2] | 26.4 [20.2; 34.0] | -- |
| *Sweden* | 12.5 [9.3; 17.9] | 6.6 [4.7; 9.5] | 26.8 [20.0; 34.8] | 79.6 [68.4; 87.6] |
| *Switzerland* | 21.0 [13.9; 31.1] | 16.0 [10.4; 24.6] | 32.0 [23.8; 41.8] | 75.5 [66.4; 83.3] |
| *Taiwan* | 54.6 [37.5; 74.1] | 32.0 [20.5; 43.8] | 35.9 [27.6; 45.6] | 75.3 [70.5; 79.8] |
| *UK* | 23.3 [18.0; 31.5] | -- | -- | 74.2 [64.2; 83.3] |
| *USA* | 25.9 [17.9; 36.7] | 11.6 [7.6; 17.2] | 31.7 [23.0; 42.4] | 66.5 [56.5; 76.6] |

PM10: inhalable particulate matter with an aerodynamic diameter of 10 μm or less, µg/m3. PM2.5:inhalable particulate matter with an aerodynamic diameter of 2.5 μm or less, µg/m3. NO2:nitrogen dioxide, µg/m3. IQR: interquartile range. Relative humidity, in %. Detailed description of the data provided in eMethods 1. City-specific descriptive summaries reported in eTable 2.

**eTable 2.** Description of city-specific series.

| **City** | **Country** | **Period** | **N deaths** | **Ozone (µg/m3)**  **Median [IQR]** | **PM10 (µg/m3)**  **Median [IQR]** | **PM2.5 (µg/m3)**  **Median [IQR]** | **NO2 (µg/m3)**  **Median [IQR]** | **Mean temperature (˚C)**  **Median [IQR]** | **Relative humidity (%)**  **Median [IQR]** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Brisbane | Australia | 2000-2009 | 89299 | 35.1 [29.0; 41.6] | 17.2 [14.6; 20.5] | 5.6 [4.3; 7.3] | 12.9 [9.5; 17.9] | 20.8 [17.1; 23.5] | 69.5 [63.8; 75.2] |
| Melbourne | Australia | 2000-2009 | 196355 | 31.2 [23.8; 38.9] | 17.5 [13.6; 23.3] | 6.3 [4.6; 8.9] | 24.6 [16.4; 30.8] | 15.5 [12.3; 19.1] | 69.7 [62.0; 77.3] |
| Sydney | Australia | 2000-2009 | 227873 | 27.4 [19.6; 35.3] | 19.8 [15.2; 25.8] | 6.1 [4.1; 9.0] | 26.7 [16.4; 34.9] | 18.8 [15.1; 21.9] | 71.1 [62.0; 78.7] |
| Abbotsford | Canada | 1986-2011 | 27098 | 66.6 [49.0; 80.4] | 11.6 [8.3; 16.5] | 5.1 [3.4; 7.2] | 12.3 [9.1; 15.6] | 10.5 [6.2; 15.7] | 76.2 [68.4; 84.3] |
| Calgary | Canada | 1986-2011 | 132883 | 76.4 [62.7; 92.6] | 20.6 [13.8; 29.7] | 8.4 [5.4; 12.3] | 21.7 [16.2; 28.7] | 5.6 [-1.8; 12.9] | 62.0 [50.8; 73.5] |
| Edmonton | Canada | 1986-2011 | 154899 | 72.5 [54.9; 92.1] | 17.6 [11.4; 26.9] | 7.5 [4.8; 12.2] | 19.1 [13.4; 26.8] | 5.4 [-3.5; 13.9] | 69.9 [61.7; 78.1] |
| Halifax | Canada | 1986-2011 | 71264 | 60.8 [49.0; 74.5] | NA | 7.1 [4.8; 9.9] | 14.7 [10.8; 19.3] | 7.1 [-0.4; 14.9] | 79.7 [69.5; 88.9] |
| Hamilton | Canada | 1986-2011 | 113876 | 72.5 [54.9; 98.0] | 27.2 [18.5; 38.7] | 9.0 [5.6; 14.3] | 17.6 [12.7; 23.0] | 8.3 [0; 17.2] | 73.2 [64.4; 81.7] |
| Kingston | Canada | 1988-2011 | 36438 | 70.6 [54.9; 92.1] | NA | 6.8 [4.3; 11.1] | 4.3 [3.1; 6.1] | 8.1 [-0.2; 17] | 70.6 [61.4; 79.2] |
| Kitchener-Waterloo | Canada | 1986-2011 | 71387 | 72.5 [54.9; 96.0] | NA | 7.5 [4.4; 12.9] | 12.0 [7.5; 18.8] | 7.4 [-1; 16.2] | 72.2 [63.3; 80.2] |
| London Ontario | Canada | 1986-2011 | 96799 | 68.6 [51.0; 96.0] | 15.8 [11.2; 23.4] | 8.4 [5.2; 13.2] | 15.4 [9.7; 21.7] | 8.7 [0; 17.3] | 75.8 [68.3; 82.9] |
| Montreal | Canada | 1986-2009 | 255272 | 78.4 [58.8; 98.0] | 20.5 [15.3; 28.2] | 8.3 [5.3; 13.6] | 17.5 [12.8; 23.0] | 7.7 [-2.1; 17.1] | 70.2 [61.4; 78.6] |
| Niagara | Canada | 1988-1996 | 31770 | 74.5 [54.9; 105.8] | NA | NA | NA | 8.9 [1.1; 17.9] | 78.3 [70.8; 86.3] |
| Oakville | Canada | 1986-2011 | 58991 | 72.5 [54.9; 96.0] | NA | 7.0 [4.3; 11.4] | 14.6 [9.8; 20.0] | 8.7 [0.9; 17.5] | 69.5 [61.4; 78.5] |
| Oshawa | Canada | 1986-2011 | 72386 | 70.6 [54.9; 88.2] | NA | 7.2 [4.3; 12.2] | 15.3 [8.8; 23.1] | 7.9 [0; 16.6] | NA |
| Ottawa | Canada | 1986-2011 | 136955 | 66.6 [51.0; 84.3] | NA | 6.0 [3.5; 10.2] | 16.0 [8.9; 23.3] | 7.6 [-2.5; 17.1] | 71.0 [61.5; 80.6] |
| Regina | Canada | 1986-2011 | 49530 | 52.9 [39.2; 68.6] | 19.4 [11.9; 29.4] | 6.7 [4.4; 9.6] | 12.5 [9.0; 17.4] | 4.7 [-6.4; 14.5] | 72.3 [61.4; 82.4] |
| Sarnia | Canada | 1986-2011 | 28656 | 76.4 [60.8; 100.0] | 16.8 [10.5; 24.6] | 11.5 [7.5; 17.7] | 13.3 [8.7; 19.6] | 9.1 [0.7; 17.8] | 77.2 [69.4; 84.3] |
| Sudbury | Canada | 1986-2011 | 40907 | 70.6 [58.8; 88.2] | NA | 4.0 [2.4; 6.8] | 7.9 [5.0; 11.7] | 5.1 [-5; 15.1] | 73.0 [62.3; 83.1] |
| Saint John NB | Canada | 1986-2011 | 44302 | 72.5 [58.8; 86.2] | 12.5 [8.3; 18.8] | 5.7 [3.5; 9.0] | 6.4 [3.7; 10.4] | 6.2 [-1.7; 13.7] | 76.5 [66.3; 86.1] |
| St John's NFL | Canada | 1989-2011 | 48656 | 62.7 [51.0; 72.5] | NA | 4.4 [2.9; 6.4] | 7.5 [4.4; 12.1] | 5.1 [-1.1; 12.1] | 83.5 [75.0; 90.8] |
| Sault Ste Marie | Canada | 1986-2011 | 28838 | 68.6 [56.8; 84.3] | 13.8 [9.2; 22.1] | 5.3 [2.9; 9.2] | 8.3 [4.3; 13.8] | 5.7 [-3; 14.7] | 78.5 [71.0; 85.2] |
| Saskatoon | Canada | 1986-2011 | 56891 | 56.8 [43.1; 72.5] | NA | 5.2 [3.4; 7.8] | 11.5 [8.0; 16.0] | 4.4 [-7; 14.1] | 73.0 [62.5; 82.5] |
| Thunder Bay | Canada | 1986-2011 | 35663 | 64.7 [52.9; 78.4] | 11.7 [7.8; 14.1] | 4.9 [3.0; 7.8] | 10.0 [6.3; 14.9] | 4.2 [-5.7; 13.4] | 74.4 [64.8; 82.6] |
| Toronto | Canada | 1986-2011 | 673074 | 84.3 [66.6; 109.8] | 18.2 [13.6; 25.0] | 8.1 [5.1; 13.0] | 21.5 [16.2; 27.1] | 8.8 [0.5; 17.7] | 71.8 [63.7; 79.5] |
| Victoria | Canada | 1986-2011 | 84747 | 62.7 [49.0; 78.4] | 12.1 [9.2; 16.1] | 5.7 [3.9; 8.4] | 9.7 [6.3; 14.1] | 9.9 [6.3; 14.5] | 78.2 [70.0; 86.0] |
| Vancouver | Canada | 1986-2011 | 329577 | 70.6 [60.8; 84.3] | 11.6 [8.6; 15.5] | 5.5 [3.8; 7.7] | 16.9 [13.7; 20.6] | 10.2 [6.2; 15.4] | 79.3 [72.3; 86.5] |
| Windsor | Canada | 1986-2011 | 65259 | 70.6 [47.0; 101.9] | 21.0 [15.3; 29.7] | 9.5 [5.8; 14.5] | 20.4 [14.6; 27.1] | 10.4 [1.6; 19.3] | 70.6 [62.5; 79.2] |
| Winnipeg | Canada | 1986-2011 | 168512 | 62.7 [51.0; 80.4] | 12.0 [7.6; 20.3] | 6.4 [4.3; 9.2] | 11.8 [7.9; 17.1] | 4.8 [-7.4; 15.5] | 73.1 [64.2; 82.2] |
| Hong Kong | China | 1996-2002 | 215242 | 31.4 [19.0; 50.6] | 45.4 [31.7; 66.5] | NA | 14.7 [9.6; 22.2] | 24.7 [19.8; 27.8] | 79.0 [74.0; 84.0] |
| Shanghai | China | 2001-2015 | 515429 | 68.2 [42.8; 100.2] | 75.0 [51.8; 114.1] | NA | 53.0 [39.3; 71.2] | 18.3 [10; 24.4] | 73.0 [64.4; 80.8] |
| Suzhou | China | 2005-2008 | 49984 | 48.3 [21.6; 81.7] | 79.6 [56.0; 111.0] | NA | 45.0 [35.0; 58.0] | 18.3 [9.2; 24.9] | 78.0 [69.0; 86.0] |
| Prague | Czech Republic | 1994-2009 | 214062 | 69.3 [47.4; 95.0] | 29.4 [19.9; 44.7] | NA | 30.8 [24.2; 38.7] | 9.2 [2.5; 15.3] | 78.0 [68.0; 86.0] |
| Kohtla-Jarve | Estonia | 2002-2015 | 12199 | 55.0 [43.7; 67.4] | 12.4 [8.1; 19.2] | 5.0 [2.6; 8.3] | 5.1 [3.3; 8.0] | 5.6 [-0.4; 13.3] | 84.0 [74.0; 91.0] |
| Narva linn | Estonia | 2009-2015 | 5993 | 50.6 [38.6; 64.0] | 12.9 [8.7; 18.5] | 7.1 [4.4; 10.9] | 9.0 [6.3; 13.7] | 5.5 [-0.4; 13.3] | 85.0 [75.0; 92.0] |
| Tallinn | Estonia | 2005-2015 | 52878 | 42.5 [30.7; 54.5] | 17.3 [10.3; 27.6] | NA | 21.1 [13.6; 29.7] | 6.4 [0.7; 13.7] | 84.0 [74.0; 91.0] |
| Tartu linn | Estonia | 2008-2015 | 8973 | 47.5 [33.9; 61.2] | 14.8 [10.1; 21.8] | 7.8 [4.3; 12.7] | 10.4 [7.2; 15.4] | 6.6 [0.8; 14] | 84.0 [76.0; 91.0] |
| Bordeaux | France | 2000-2010 | 53219 | 67.4 [47.5; 87.2] | 17.9 [13.8; 23.8] | NA | NA | 13.8 [9.2; 18.7] | 77.0 [68.0; 85.0] |
| Clermont Ferrand | France | 2000-2010 | 19040 | 73.3 [54.4; 91.3] | 16.8 [12.1; 23.2] | NA | NA | 12.3 [6.8; 17.6] | 72.0 [65.0; 80.0] |
| Dijon | France | 2000-2010 | 18786 | 66.3 [44.4; 87.5] | 17.2 [12.3; 23.5] | NA | NA | 11.6 [5.6; 17.1] | 79.0 [69.0; 87.0] |
| Grenoble | France | 2000-2010 | 32738 | 66.1 [35.1; 92.8] | 19.4 [13.2; 27.3] | NA | NA | 12.7 [5.8; 18.4] | 78.0 [70.0; 85.0] |
| Le Havre | France | 2000-2010 | 24323 | 67.3 [53.7; 80.0] | 17.5 [14.0; 23.0] | NA | NA | 11.6 [7.7; 15.9] | 82.0 [75.0; 88.0] |
| Lille | France | 2000-2010 | 90900 | 57.6 [38.1; 74.9] | 19.0 [14.5; 25.2] | NA | NA | 11.3 [6.4; 16] | 81.0 [73.0; 88.0] |
| Lens-Douai | France | 2000-2010 | 36686 | 57.7 [39.1; 75.0] | 18.0 [13.5; 24.5] | NA | NA | 11.3 [6.4; 16] | 81.0 [73.0; 88.0] |
| Lyon | France | 2000-2010 | 77106 | 66.6 [40.0; 91.0] | 19.0 [13.8; 26.5] | NA | NA | 13.1 [7; 18.9] | 71.0 [61.0; 81.0] |
| Montpellier | France | 2000-2010 | 26978 | 81.3 [61.2; 100.8] | 19.8 [13.2; 27.0] | NA | NA | 15.2 [10.1; 20.9] | 68.0 [55.0; 80.0] |
| Marseille | France | 2000-2010 | 94792 | 79.4 [53.6; 101.4] | 25.7 [19.3; 33.3] | NA | NA | 15.5 [10; 21.5] | 66.0 [56.0; 75.0] |
| Nice | France | 2000-2010 | 51959 | 89.0 [58.4; 112.2] | 23.0 [18.0; 29.1] | NA | NA | 15.9 [11.2; 21.4] | 69.0 [60.0; 76.0] |
| Nancy | France | 2000-2010 | 28945 | 61.6 [44.7; 81.9] | 17.7 [12.9; 25.3] | NA | NA | 11.2 [5.4; 16.6] | 78.0 [70.0; 86.0] |
| Nantes | France | 2000-2010 | 43547 | 69.0 [53.4; 85.0] | 15.2 [12.0; 19.3] | NA | NA | 12.6 [8.5; 17] | 81.0 [73.0; 88.0] |
| Paris | France | 2000-2010 | 455460 | 56.2 [35.2; 75.8] | 19.3 [14.9; 25.2] | NA | NA | 12.6 [7.7; 17.6] | 73.0 [64.0; 81.0] |
| Rennes | France | 2000-2010 | 16600 | 65.0 [50.7; 79.9] | 15.1 [11.4; 20.0] | NA | NA | 12.3 [8.1; 16.8] | 80.0 [73.0; 86.0] |
| Rouen | France | 2000-2010 | 41927 | 62.3 [45.9; 78.4] | 18.0 [14.5; 23.5] | NA | NA | 10.8 [6.2; 15.4] | 83.0 [75.0; 90.0] |
| Strasbourg | France | 2000-2010 | 34874 | 60.1 [34.9; 85.4] | 18.0 [13.0; 25.5] | NA | NA | 11.4 [5.4; 17.3] | 78.0 [70.0; 86.0] |
| Toulouse | France | 2000-2010 | 49675 | 73.5 [52.7; 93.0] | 19.5 [14.5; 25.5] | NA | NA | 13.6 [8.6; 19.3] | 75.0 [65.0; 83.0] |
| Berlin | Germany | 1993-2015 | 811051 | 55.1 [33.2; 79.5] | 21.6 [15.8; 30.6] | 14.4 [10.3; 21.7] | 27.9 [21.2; 35.5] | 10.4 [4.2; 16.5] | NA |
| Bremen | Germany | 1993-2015 | 150608 | 55.6 [37.0; 75.2] | 17.3 [13.1; 23.4] | 11.6 [7.7; 18.8] | 22.8 [16.3; 30.2] | 10 [4.8; 15] | NA |
| Dresden | Germany | 1993-2015 | 125866 | 62.2 [41.9; 85.5] | 20.9 [13.7; 31.5] | 11.7 [7.1; 20.2] | 26.5 [19.1; 34.9] | 9.9 [3.6; 15.9] | NA |
| Dortmund | Germany | 1993-2015 | 155233 | 52.9 [34.2; 74.6] | 22.1 [16.1; 31.3] | 13.4 [9.5; 20.4] | 31.7 [23.9; 40.8] | 10.8 [5.7; 15.6] | NA |
| Duesseldorf | Germany | 1993-2015 | 160069 | 53.6 [32.5; 73.4] | 19.7 [15.2; 26.8] | 12.0 [8.2; 18.8] | 29.9 [21.2; 39.5] | 11.1 [6; 16] | NA |
| Frankfurt | Germany | 1993-2015 | 168417 | 51.4 [26.9; 76.7] | 21.2 [15.2; 30.2] | 12.9 [9.2; 19.6] | 42.1 [32.3; 51.8] | 11.2 [5.3; 16.9] | NA |
| Hamburg | Germany | 1993-2015 | 445338 | 54.2 [33.5; 72.7] | 22.6 [16.3; 31.6] | 12.7 [8.6; 18.7] | 30.5 [22.7; 39.3] | 10.2 [4.9; 15.3] | NA |
| Hannover | Germany | 1993-2015 | 279125 | 61.3 [42.2; 80.7] | 18.2 [13.0; 26.9] | 9.9 [6.4; 15.8] | 23.6 [16.2; 32.1] | 10.2 [4.8; 15.3] | NA |
| Koeln | Germany | 1993-2015 | 229457 | 54.8 [34.0; 75.9] | 19.4 [13.5; 27.7] | NA | 30.9 [21.7; 39.9] | 10.9 [5.6; 15.8] | NA |
| Leipzig | Germany | 1994-2015 | 146172 | 64.4 [44.2; 86.4] | 18.1 [12.8; 26.0] | 10.1 [6.3; 17.4] | 19.7 [14.3; 26.9] | 10.3 [4.3; 16.1] | NA |
| Muenchen | Germany | 1993-2015 | 290962 | 60.0 [36.0; 83.4] | 20.6 [13.7; 30.7] | 11.6 [7.6; 17.0] | 36.5 [28.2; 46.2] | 10.3 [3.9; 16.2] | NA |
| Stuttgart | Germany | 1993-2015 | 136878 | 60.2 [34.5; 86.5] | 19.0 [13.0; 28.0] | 11.4 [7.5; 18.0] | 33.7 [24.9; 43.2] | 11 [5; 16.6] | NA |
| Athens | Greece | 2001-2010 | 287969 | 75.1 [52.8; 97.5] | 39.5 [29.5; 53.1] | 20.3 [15.0; 26.4] | 50.2 [39.6; 61.6] | 17.9 [12.9; 24.9] | 66.0 [54.0; 75.4] |
| Cagliari | Italy | 2006-2010 | 6440 | 58.9 [48.5; 71.4] | 30.6 [24.1; 38.8] | NA | NA | 16.7 [12.4; 22.4] | NA |
| Florence | Italy | 2006-2010 | 19609 | 76.3 [49.2; 104.3] | 29.8 [23.5; 38.9] | NA | NA | 15.1 [9.7; 21.5] | NA |
| Frosinone | Italy | 2006-2015 | 3787 | 87.1 [63.8; 110.4] | 32.0 [23.0; 59.0] | NA | NA | 15.4 [9.1; 22] | NA |
| Genoa | Italy | 2006-2010 | 37943 | 77.5 [57.3; 100.7] | 27.0 [21.0; 34.6] | NA | NA | 16.3 [11.4; 21.5] | NA |
| Latina | Italy | 2006-2015 | 8661 | 78.5 [58.6; 96.1] | 26.0 [20.0; 35.0] | NA | NA | 16.9 [11.5; 23.1] | NA |
| Milan | Italy | 2006-2010 | 53837 | 55.0 [18.7; 92.2] | 36.5 [25.7; 60.6] | NA | NA | 14.1 [7.2; 21.1] | NA |
| Rieti | Italy | 2008-2015 | 3358 | 77.2 [51.1; 100.4] | 20.0 [14.0; 28.2] | NA | NA | 17 [10.3; 23.5] | NA |
| Rome | Italy | 2006-2015 | 226662 | 75.1 [44.2; 98.1] | 28.7 [22.0; 38.0] | NA | NA | 15.5 [10.4; 21.9] | NA |
| Trieste | Italy | 2006-2010 | 13124 | 81.6 [62.9; 99.8] | 23.2 [15.6; 32.2] | NA | NA | 15.6 [9.4; 21.7] | NA |
| Aikita | Japan | 2011-2015 | 17222 | 81.3 [70.3; 98.1] | 12.8 [9.5; 18.5] | 11.4 [8.1; 17.0] | 11.8 [9.0; 15.7] | 12.3 [3.3; 20.6] | 73.0 [66.0; 80.0] |
| Aomori | Japan | 2011-2015 | 17107 | 74.7 [63.7; 88.4] | 16.0 [12.7; 21.3] | 10.6 [7.7; 14.9] | 11.4 [8.1; 17.9] | 11.2 [2; 18.9] | 77.0 [70.0; 83.0] |
| Chiba | Japan | 2011-2015 | 38145 | 76.4 [59.8; 97.9] | 16.9 [11.9; 24.4] | 11.9 [7.7; 17.8] | 23.4 [16.5; 33.9] | 17 [8.9; 22.7] | 69.0 [53.0; 77.0] |
| Fukushima | Japan | 2011-2015 | 15116 | 74.0 [60.8; 92.1] | 15.3 [11.2; 21.2] | 10.0 [6.1; 15.2] | 15.5 [10.7; 22.4] | 14.1 [4.8; 21.4] | 70.0 [61.0; 78.0] |
| Fukuoka | Japan | 2011-2015 | 54231 | 81.7 [64.4; 101.5] | 19.9 [14.1; 28.0] | 16.2 [11.0; 22.9] | 21.2 [15.2; 29.4] | 18 [10; 23.6] | 68.0 [59.0; 78.0] |
| Fukui | Japan | 2011-2015 | 13479 | 85.2 [69.8; 104.8] | 17.2 [11.7; 25.1] | 13.4 [8.9; 19.1] | 10.7 [7.7; 14.9] | 15.4 [6.3; 22.6] | 76.0 [68.0; 83.0] |
| Gifu | Japan | 2011-2015 | 20852 | 82.3 [63.4; 104.5] | 12.7 [7.9; 19.6] | 12.5 [8.2; 17.8] | 17.8 [13.1; 23.1] | 16.9 [7.9; 23.8] | 65.0 [57.0; 74.0] |
| hiroshima | Japan | 2011-2015 | 48257 | 79.9 [62.2; 101.8] | 22.3 [16.2; 30.0] | 15.6 [10.2; 22.4] | 22.0 [16.1; 29.4] | 16.9 [8.3; 23.7] | 66.0 [60.0; 73.0] |
| Kagoshima | Japan | 2011-2015 | 28646 | 70.2 [53.1; 86.5] | 22.6 [16.8; 30.1] | 15.4 [11.0; 22.0] | 12.6 [8.7; 17.2] | 19.5 [12.2; 24.8] | 73.0 [64.0; 80.0] |
| Kumamoto | Japan | 2011-2015 | 32357 | 82.1 [63.1; 103.0] | 22.5 [15.6; 30.7] | 16.3 [9.3; 22.9] | 17.3 [11.3; 25.5] | 18 [9.6; 24] | 70.0 [62.0; 78.0] |
| Kanazawa | Japan | 2011-2015 | 21061 | 87.7 [73.1; 104.0] | 13.7 [9.0; 21.1] | 10.2 [6.8; 15.2] | 13.1 [9.9; 17.9] | 15.6 [6.5; 22.6] | 71.0 [64.0; 78.0] |
| Kobe | Japan | 2011-2015 | 73782 | 77.5 [61.3; 98.9] | 15.9 [11.2; 23.6] | 12.3 [8.4; 18.2] | 25.9 [18.6; 35.2] | 17.8 [9.1; 24] | 63.0 [56.0; 72.0] |
| Kochi | Japan | 2011-2015 | 17800 | 81.1 [64.6; 98.4] | 13.9 [9.5; 20.9] | 13.0 [9.4; 18.8] | 11.2 [8.3; 15.4] | 18.1 [9.9; 23.6] | 69.0 [59.0; 80.0] |
| Kofu | Japan | 2011-2015 | 10710 | 80.8 [64.7; 104.2] | 18.5 [13.0; 25.5] | 10.7 [6.8; 16.2] | 18.8 [14.0; 29.2] | 15.7 [6.9; 22.8] | 64.0 [53.0; 72.0] |
| Kyoto | Japan | 2011-2015 | 69191 | 79.9 [62.7; 100.0] | 14.0 [9.5; 20.4] | 12.5 [8.8; 18.4] | 22.4 [16.5; 30.3] | 16.9 [7.8; 23.7] | 66.0 [60.0; 73.0] |
| Matsue | Japan | 2011-2015 | 11146 | 91.4 [77.4; 109.5] | 12.2 [7.7; 18.6] | 12.4 [7.9; 18.1] | 4.6 [3.3; 6.4] | 15.6 [7.5; 22.2] | 77.0 [70.0; 83.0] |
| Maebashi | Japan | 2011-2015 | 17449 | 84.3 [68.3; 111.0] | 12.6 [6.1; 20.7] | 14.0 [8.0; 20.4] | 14.0 [9.4; 19.4] | 15.6 [6.7; 22.5] | 59.0 [49.0; 71.0] |
| Mito | Japan | 2011-2015 | 12662 | 81.1 [65.7; 101.2] | 18.4 [13.7; 24.9] | 10.4 [7.0; 15.2] | 12.3 [9.4; 17.3] | 14.9 [6.4; 21.2] | 75.0 [63.0; 83.0] |
| Morioka | Japan | 2011-2015 | 14084 | 70.8 [58.3; 87.2] | 10.7 [6.5; 16.8] | 11.6 [7.9; 16.6] | 13.2 [9.0; 22.0] | 10.9 [1.6; 19.5] | 74.0 [67.0; 82.0] |
| Matsuyama | Japan | 2011-2015 | 25345 | 73.8 [59.3; 93.8] | 20.4 [14.2; 28.5] | 16.6 [11.5; 22.8] | 20.0 [14.9; 26.3] | 17.4 [9; 23.3] | 66.0 [58.0; 75.0] |
| Nagano | Japan | 2011-2015 | 19818 | 77.0 [62.9; 95.7] | 13.8 [8.9; 20.6] | 10.2 [6.3; 15.4] | 13.4 [9.8; 20.8] | 12.8 [3.1; 21] | 74.0 [66.0; 80.0] |
| Nagoya | Japan | 2011-2015 | 100810 | 79.5 [60.6; 102.7] | 19.8 [13.4; 27.4] | 14.1 [9.6; 19.7] | 28.1 [20.4; 39.0] | 16.9 [8.1; 23.7] | 66.0 [57.0; 74.0] |
| Naha | Japan | 2011-2015 | 12468 | 69.0 [32.5; 83.3] | 19.0 [14.3; 27.1] | 8.8 [6.3; 12.7] | 10.0 [5.8; 16.5] | 23.6 [19.2; 27.8] | 76.0 [66.0; 82.0] |
| Nara | Japan | 2011-2015 | 16901 | 77.9 [63.2; 98.7] | 15.4 [10.7; 21.6] | 11.7 [7.5; 17.3] | 15.9 [11.2; 22.7] | 15.8 [6.9; 22.5] | 73.0 [66.0; 80.0] |
| Nagasaki | Japan | 2011-2015 | 24586 | 75.9 [61.1; 94.1] | 20.1 [14.8; 28.0] | 14.4 [9.4; 20.2] | 13.7 [10.3; 17.9] | 18 [10.3; 23.5] | 72.0 [63.0; 81.0] |
| Niigata | Japan | 2011-2015 | 40382 | 82.6 [71.2; 98.1] | 16.3 [12.7; 21.9] | 10.5 [7.0; 15.5] | 12.3 [9.0; 16.9] | 14.2 [5.3; 22.1] | 72.0 [65.0; 79.0] |
| Oita | Japan | 2011-2015 | 19860 | 72.0 [57.7; 89.1] | 16.4 [11.6; 23.0] | 15.1 [10.0; 21.8] | 13.9 [10.6; 18.3] | 17.2 [9.3; 23.1] | 69.0 [60.0; 78.0] |
| Okayama | Japan | 2011-2015 | 31950 | 76.0 [60.0; 96.5] | 19.4 [13.6; 28.5] | 15.0 [10.6; 21.5] | 21.9 [16.0; 29.0] | 16.8 [7.8; 23.6] | 65.0 [58.0; 74.0] |
| Osaka | Japan | 2011-2015 | 135736 | 74.9 [56.8; 96.8] | 19.6 [14.3; 27.7] | 15.6 [10.8; 21.8] | 36.5 [27.8; 49.0] | 17.6 [8.9; 24] | 63.0 [55.0; 71.0] |
| Otsu | Japan | 2011-2015 | 13929 | 81.9 [65.6; 102.5] | 16.1 [11.5; 22.5] | 10.8 [6.7; 16.3] | 15.8 [11.4; 22.3] | 15.8 [7; 22.8] | 72.0 [67.0; 80.0] |
| Saga | Japan | 2011-2015 | 12400 | 83.4 [66.4; 104.6] | 16.3 [11.3; 23.2] | 13.2 [8.4; 20.0] | 9.3 [7.1; 13.2] | 17.7 [9.2; 23.8] | 70.0 [63.0; 79.0] |
| Saitama | Japan | 2011-2015 | 47101 | 77.7 [59.2; 101.5] | 18.7 [12.9; 26.7] | 12.6 [8.1; 18.4] | 27.8 [20.3; 37.9] | 16.2 [7.1; 22.7] | 65.0 [51.0; 76.0] |
| Sendai | Japan | 2011-2015 | 40680 | 75.1 [62.5; 93.6] | 14.0 [9.8; 21.1] | 10.5 [6.6; 16.3] | 17.0 [12.0; 24.1] | 13.6 [4.7; 20.3] | 71.0 [61.0; 81.0] |
| Shizuoka | Japan | 2011-2015 | 37343 | 82.1 [64.0; 104.7] | 17.3 [12.0; 23.7] | 10.7 [7.4; 15.7] | 19.9 [15.1; 25.2] | 17.6 [10; 23.3] | 69.0 [57.0; 77.0] |
| Sapporo | Japan | 2011-2015 | 84189 | 64.3 [53.4; 81.4] | 10.0 [7.2; 14.1] | 8.8 [6.0; 13.0] | 20.0 [13.9; 31.2] | 9.7 [0.5; 18.3] | 70.0 [62.0; 76.0] |
| Takamatsu | Japan | 2011-2015 | 20843 | 78.5 [63.0; 94.5] | 19.9 [13.6; 29.1] | 15.2 [10.2; 22.1] | 19.4 [13.4; 28.8] | 17.3 [8.6; 23.8] | 66.0 [58.0; 75.0] |
| Tokushima | Japan | 2011-2015 | 13790 | 80.3 [64.7; 103.5] | 16.8 [11.7; 24.3] | 12.5 [8.2; 18.5] | 13.3 [10.1; 17.6] | 17.5 [9; 23.5] | 68.0 [58.0; 76.0] |
| Tokyo | Japan | 2011-2015 | 374187 | 71.0 [53.8; 92.3] | 19.1 [13.5; 26.3] | 13.9 [9.8; 19.9] | 35.1 [26.0; 47.0] | 17.4 [8.9; 23.1] | 65.0 [49.0; 74.0] |
| Toyama | Japan | 2011-2015 | 22126 | 84.2 [71.2; 102.6] | 12.6 [7.6; 19.4] | 9.4 [5.9; 14.0] | 11.9 [8.7; 16.4] | 15.2 [5.8; 22.4] | 76.0 [67.0; 84.0] |
| Tsu | Japan | 2011-2015 | 14919 | 85.3 [68.0; 106.3] | 21.5 [15.8; 28.9] | 13.0 [8.6; 18.6] | 13.8 [9.8; 19.7] | 16.7 [8.3; 23.5] | 67.0 [58.0; 77.0] |
| Utsunomiya | Japan | 2011-2015 | 21851 | 79.9 [60.8; 104.7] | 17.4 [12.5; 24.6] | 11.9 [8.0; 17.3] | 21.0 [16.0; 29.3] | 15.2 [6; 21.8] | 68.0 [58.0; 78.0] |
| Wakayama | Japan | 2011-2015 | 21449 | 80.9 [65.3; 103.0] | 19.5 [14.5; 26.3] | 14.2 [9.7; 19.9] | 16.7 [13.0; 21.8] | 17.7 [9.1; 23.7] | 65.0 [57.0; 73.0] |
| Yokohama | Japan | 2011-2015 | 146525 | 69.8 [51.6; 96.9] | 21.6 [15.8; 29.2] | 13.3 [9.1; 19.3] | 29.8 [20.4; 40.4] | 17.2 [9; 22.7] | 70.0 [54.0; 79.0] |
| Yamaguchi | Japan | 2011-2015 | 10481 | 77.8 [61.5; 98.5] | 10.7 [6.6; 17.2] | 13.0 [8.3; 18.8] | 16.4 [11.8; 21.8] | 16.3 [7.7; 22.8] | 73.0 [66.0; 80.0] |
| Yamagata | Japan | 2011-2015 | 13266 | 77.7 [63.4; 95.1] | 14.6 [9.8; 21.5] | 10.7 [6.8; 16.6] | 15.6 [11.2; 24.4] | 12.3 [2.5; 20.9] | 74.0 [66.0; 81.0] |
| Busan | South Korea | 1999-2015 | 323037 | 64.5 [49.9; 82.7] | 47.9 [36.3; 64.5] | NA | 40.7 [31.0; 52.6] | 16 [8.3; 21.6] | 64.6 [48.1; 77.5] |
| Daegu | South Korea | 1999-2015 | 198083 | 61.3 [43.8; 87.4] | 48.0 [35.0; 64.9] | NA | 43.2 [32.0; 57.9] | 15.8 [6.3; 22.8] | 58.9 [45.1; 69.9] |
| Daejeon | South Korea | 1999-2015 | 102449 | 59.2 [40.4; 84.0] | 40.9 [28.7; 56.8] | NA | 36.6 [27.0; 50.7] | 14.4 [4.5; 22.2] | 68.0 [57.3; 77.1] |
| Gwangju | South Korea | 1999-2015 | 104787 | 60.8 [43.0; 84.2] | 41.2 [29.8; 56.9] | NA | 36.9 [27.6; 49.1] | 15.4 [6; 22.6] | 67.5 [58.0; 76.0] |
| Incheon | South Korea | 1999-2015 | 195684 | 57.1 [40.7; 78.5] | 50.0 [36.0; 68.2] | NA | 50.6 [37.9; 66.7] | 14 [4.3; 21.6] | 69.8 [57.9; 80.9] |
| Seoul | South Korea | 1999-2015 | 666658 | 49.6 [31.5; 72.9] | 49.9 [34.1; 71.3] | NA | 65.7 [50.4; 84.5] | 14.4 [4; 22.3] | 61.5 [50.5; 72.0] |
| Ulsan | South Korea | 1999-2015 | 71501 | 64.2 [49.6; 83.9] | 43.8 [33.2; 58.3] | NA | 37.5 [29.2; 48.1] | 15.5 [7; 21.6] | 65.0 [49.0; 75.6] |
| Guadalajara | Mexico | 2000-2012 | 267190 | 113.7 [88.2; 149.0] | 46.8 [33.1; 62.4] | 24.1 [18.5; 32.3] | NA | 21.3 [19.4; 22.9] | 59.1 [42.5; 75.1] |
| Leon | Mexico | 2005-2012 | 54605 | 107.8 [84.3; 129.4] | 55.5 [40.3; 76.0] | NA | NA | 20 [17; 22] | 47.0 [35.0; 62.0] |
| Monterrey | Mexico | 2000-2012 | 218397 | 96.0 [72.5; 119.6] | 74.1 [57.7; 95.1] | 26.3 [20.1; 33.7] | NA | 23.2 [18.3; 26.8] | 63.8 [53.3; 73.1] |
| Puebla-Tlaxcala | Mexico | 2000-2011 | 143078 | 92.1 [68.6; 121.5] | 34.7 [26.1; 49.6] | 17.7 [14.4; 23.0] | NA | 16.9 [15.1; 18.1] | 63.0 [54.8; 70.6] |
| Tijuana | Mexico | 2000-2012 | 73801 | 76.4 [64.7; 90.2] | 60.5 [46.0; 84.3] | NA | NA | 18 [14; 20] | 76.0 [69.0; 80.0] |
| Toluca de Lerdo | Mexico | 2000-2012 | 98959 | 111.7 [90.2; 133.3] | 60.2 [38.8; 87.3] | 31.9 [24.1; 39.0] | NA | 14.4 [12.7; 15.5] | 63.0 [53.0; 71.7] |
| Valley of Mexico | Mexico | 2000-2012 | 1162283 | 164.6 [127.4; 201.9] | 49.3 [35.3; 65.7] | 24.9 [17.9; 32.6] | NA | 16.5 [14.9; 17.8] | 54.0 [42.5; 65.0] |
| Lisboa | Portugal | 1997-2012 | 337920 | 66.8 [52.2; 82.2] | 24.4 [17.1; 35.5] | 11.0 [7.1; 18.0] | 29.2 [18.0; 43.1] | 17.1 [13.3; 20.9] | NA |
| Porto | Portugal | 1999-2012 | 199038 | 61.6 [48.2; 76.2] | 30.1 [19.9; 46.1] | NA | 24.7 [16.5; 34.8] | 15.2 [11.8; 18.4] | NA |
| Johannesburg | South Africa | 2004-2013 | 344680 | 65.6 [47.5; 88.7] | 50.4 [36.5; 70.5] | 32.8 [23.1; 47.4] | NA | 17.6 [13.5; 20.1] | NA |
| eThekwini | South Africa | 2004-2013 | 354160 | 55.2 [41.6; 71.1] | NA | NA | NA | 21.6 [18.9; 24.2] | NA |
| Gert Sibande DM | South Africa | 2008-2013 | 73257 | 84.3 [67.0; 101.6] | 46.5 [27.3; 75.8] | 25.5 [15.7; 38.6] | NA | 16.8 [13.3; 19.7] | NA |
| Nkangala DM | South Africa | 2008-2013 | 74552 | 68.9 [51.1; 96.5] | 36.2 [20.8; 61.8] | 17.8 [11.5; 28.2] | NA | 17 [11.8; 20.3] | NA |
| Sedibeng DM | South Africa | 2007-2013 | 77829 | 73.5 [57.5; 89.7] | 59.2 [40.8; 84.5] | 31.9 [22.5; 44.2] | NA | 18.6 [13.3; 21.5] | NA |
| A Coruna | Spain | 2005-2014 | 22778 | 56.9 [35.1; 75.1] | 25.0 [19.5; 32.0] | 9.8 [4.2; 13.7] | 26.6 [18.8; 37.2] | 15.2 [12.2; 18.4] | NA |
| Albacete | Spain | 2004-2014 | 12068 | 85.5 [64.2; 103.0] | 36.3 [27.5; 47.1] | 11.9 [8.2; 16.7] | 13.0 [8.4; 19.1] | 14.2 [8.2; 21.7] | NA |
| Alicante | Spain | 2004-2014 | 27376 | 76.1 [61.3; 88.0] | 19.0 [14.6; 22.9] | NA | 30.1 [24.3; 37.1] | 18.6 [13.6; 23.7] | NA |
| Almeria | Spain | 2004-2014 | 14734 | 79.7 [66.9; 92.3] | 23.5 [19.2; 30.5] | NA | 21.3 [16.4; 27.4] | 18.5 [14.4; 23.8] | NA |
| Avila | Spain | 2004-2014 | 4977 | 69.8 [59.4; 81.6] | 21.5 [18.1; 25.1] | NA | 21.6 [17.3; 26.1] | 11.1 [5.8; 17.8] | NA |
| Badajoz | Spain | 2005-2014 | 10466 | 51.8 [36.2; 67.2] | 28.1 [14.3; 97.0] | NA | 7.7 [4.4; 12.4] | 17 [11.6; 23.2] | NA |
| Bilbao | Spain | 2004-2014 | 38517 | 56.8 [42.2; 68.4] | 35.3 [30.3; 41.7] | 11.0 [6.9; 16.2] | 36.1 [28.3; 44.8] | 15.2 [10.9; 19.3] | NA |
| Barcelona | Spain | 2004-2014 | 167513 | 60.2 [40.6; 75.3] | 28.8 [21.0; 40.2] | 18.4 [13.2; 26.0] | 44.2 [34.4; 54.9] | 16.6 [11.6; 22.4] | NA |
| Burgos | Spain | 2004-2014 | 16854 | 75.8 [60.2; 92.0] | 25.6 [20.2; 32.5] | 7.6 [5.0; 12.2] | 23.0 [17.2; 31.2] | 10.6 [5.4; 16.6] | NA |
| Cadiz | Spain | 2004-2014 | 13347 | 81.0 [65.9; 94.1] | 33.3 [26.3; 44.5] | NA | 17.6 [11.8; 25.0] | 18.4 [14.6; 23] | NA |
| Caceres | Spain | 2005-2014 | 6535 | 64.2 [56.0; 72.1] | 33.9 [17.8; 89.7] | 5.9 [4.2; 8.2] | 11.3 [6.5; 17.4] | 15.8 [10.4; 22.7] | NA |
| Ciudad Real | Spain | 2008-2014 | 3863 | 83.4 [66.2; 99.4] | 19.3 [12.8; 27.8] | NA | 8.4 [4.6; 14.3] | 15.2 [9.1; 23.2] | NA |
| Ceuta | Spain | 2004-2014 | 5421 | 77.8 [58.8; 97.3] | NA | NA | NA | 18.1 [14.9; 22.6] | NA |
| Cordoba | Spain | 2004-2014 | 27705 | 77.3 [64.5; 89.3] | 42.7 [36.1; 51.3] | NA | 29.6 [25.0; 34.7] | 18 [12.2; 25] | NA |
| Castellon | Spain | 2004-2014 | 13790 | 64.7 [56.2; 72.0] | 30.1 [25.5; 35.1] | NA | 39.3 [33.4; 46.2] | 18 [13; 23.5] | NA |
| Cuenca | Spain | 2008-2014 | 3435 | 81.8 [60.8; 99.8] | 25.5 [17.2; 34.2] | NA | 16.2 [8.7; 23.9] | 13.2 [7.4; 20.5] | NA |
| Guadalajara | Spain | 2004-2014 | 5856 | 83.1 [56.6; 107.2] | 22.5 [14.9; 32.6] | NA | 24.7 [15.2; 36.0] | 12.2 [6.8; 19.4] | NA |
| Granada | Spain | 2004-2014 | 23395 | 72.0 [56.5; 85.8] | 36.0 [26.6; 46.0] | NA | 38.8 [30.3; 48.2] | 15.1 [9.1; 22.3] | NA |
| Huesca | Spain | 2004-2014 | 5372 | 81.2 [62.5; 99.8] | 17.3 [12.3; 22.9] | 10.6 [8.1; 14.3] | 18.1 [12.9; 26.1] | 14.3 [8.4; 20.8] | NA |
| Jaen | Spain | 2004-2014 | 9584 | 89.5 [69.1; 107.7] | 36.1 [24.9; 50.6] | NA | 17.9 [13.2; 24.9] | 16.4 [10.8; 23.6] | NA |
| Leon | Spain | 2004-2014 | 15023 | 60.8 [43.7; 77.5] | 22.3 [16.8; 29.5] | 5.1 [3.2; 7.8] | 27.5 [20.7; 36.7] | 10.8 [5.5; 16.7] | NA |
| Lleida | Spain | 2004-2013 | 10700 | 71.5 [43.8; 92.1] | NA | NA | 25.2 [18.0; 33.9] | 15.4 [8.8; 22] | NA |
| Lugo | Spain | 2005-2014 | 8745 | 57.1 [41.8; 73.8] | 20.3 [15.3; 24.8] | NA | 22.2 [18.1; 26.6] | 12.3 [8.2; 16.7] | NA |
| Malaga | Spain | 2004-2014 | 48400 | 78.2 [66.3; 89.3] | 24.6 [20.6; 30.0] | NA | 31.8 [26.2; 38.0] | 18.7 [14.4; 23.9] | NA |
| Madrid | Spain | 2004-2014 | 284880 | 58.0 [38.2; 77.1] | 24.1 [16.6; 33.9] | 10.9 [8.2; 14.3] | 43.7 [33.9; 56.4] | 14.6 [8.8; 22.2] | NA |
| Melilla | Spain | 2004-2014 | 4748 | 80.3 [61.2; 104.5] | NA | NA | NA | 18.6 [15; 23.4] | NA |
| Murcia | Spain | 2009-2014 | 17074 | 80.2 [54.9; 98.5] | 22.2 [18.4; 26.6] | NA | 45.1 [39.8; 50.5] | 19.2 [13.6; 25.4] | NA |
| Ourense | Spain | 2004-2014 | 11763 | 65.4 [46.7; 83.9] | 14.1 [10.6; 20.2] | NA | 29.6 [20.7; 40.4] | 15.2 [10.4; 20.3] | NA |
| Oviedo | Spain | 2004-2014 | 23282 | 61.0 [46.8; 73.2] | 27.8 [20.9; 37.9] | 10.4 [7.2; 14.7] | 28.2 [21.2; 38.1] | 13.6 [9.5; 17.5] | NA |
| Palmas Gu Canaria | Spain | 2004-2014 | 31691 | 48.4 [40.0; 59.6] | 24.6 [18.2; 32.6] | 6.5 [5.1; 8.9] | 22.1 [15.9; 30.0] | 21.2 [19; 23.6] | NA |
| Palma Mallorca | Spain | 2004-2014 | 31053 | 69.3 [57.0; 81.1] | 21.4 [16.5; 27.0] | 10.6 [8.3; 13.6] | 25.5 [19.9; 32.1] | 16.6 [11.8; 22.5] | NA |
| Palencia | Spain | 2004-2014 | 8610 | 69.2 [60.5; 78.8] | 26.2 [22.8; 30.4] | NA | 27.6 [23.3; 32.6] | 11.6 [6.1; 17.9] | NA |
| Pamplona | Spain | 2004-2014 | 17757 | 65.2 [50.6; 79.1] | NA | NA | NA | 13.2 [7.8; 18.8] | NA |
| Segovia | Spain | 2004-2014 | 5412 | 73.3 [63.1; 83.1] | 21.2 [16.7; 25.4] | NA | 29.7 [25.4; 34.0] | 12.1 [6.4; 18.8] | NA |
| Salamanca | Spain | 2004-2014 | 16314 | 61.1 [47.8; 74.6] | 20.2 [15.9; 26.0] | 6.7 [5.0; 9.6] | 31.6 [26.1; 38.5] | 12 [6.6; 18.2] | NA |
| San Sebastian | Spain | 2004-2014 | 19051 | 57.5 [44.0; 71.0] | 22.2 [17.1; 29.3] | 10.1 [7.7; 14.0] | 27.8 [20.8; 36.9] | 13.9 [9.8; 17.8] | NA |
| Santander | Spain | 2004-2014 | 19877 | 53.8 [41.6; 66.0] | 26.0 [20.3; 33.1] | NA | 26.6 [20.8; 33.7] | 14.9 [11; 18.8] | NA |
| Soria | Spain | 2004-2014 | 3872 | 68.1 [52.6; 83.0] | 22.4 [14.3; 31.1] | NA | 24.7 [17.4; 32.5] | 10.6 [5.3; 17] | NA |
| Sevilla | Spain | 2004-2014 | 63663 | 76.7 [53.9; 96.1] | 39.3 [31.8; 48.6] | 13.8 [10.7; 18.6] | 31.5 [23.6; 40.5] | 19.2 [13.7; 25.6] | NA |
| Teruel | Spain | 2004-2014 | 3354 | 82.0 [65.2; 97.9] | 18.2 [13.3; 25.1] | NA | 14.3 [9.6; 20.8] | 12.3 [6.2; 19.2] | NA |
| Tenerife | Spain | 2010-2014 | 8541 | 73.9 [63.4; 83.9] | 16.0 [12.0; 22.0] | 6.7 [4.6; 10.6] | 18.2 [12.6; 26.0] | 21.6 [19.2; 24.4] | NA |
| Toledo | Spain | 2004-2014 | 5627 | 84.4 [70.8; 96.4] | 33.8 [29.0; 39.5] | 11.5 [7.8; 16.2] | 24.6 [20.7; 29.4] | 15.3 [9.4; 23.1] | NA |
| Tarragona | Spain | 2004-2014 | 10255 | 78.0 [55.5; 93.5] | NA | NA | 24.6 [17.8; 33.5] | 18 [12.6; 24.1] | NA |
| Vitoria | Spain | 2004-2011 | 13389 | 65.8 [49.9; 81.1] | 20.3 [14.0; 29.7] | 7.6 [5.8; 10.4] | 27.9 [20.0; 36.8] | 11.8 [6.8; 16.6] | NA |
| Valladolid | Spain | 2004-2014 | 29470 | 74.5 [54.3; 91.8] | 17.8 [12.5; 23.9] | 11.3 [7.8; 16.1] | 28.1 [21.2; 36.4] | 12.6 [6.8; 19.1] | NA |
| Valencia | Spain | 2004-2014 | 76883 | 60.1 [43.7; 71.3] | 24.2 [18.0; 32.0] | 14.5 [9.5; 21.0] | 37.9 [29.3; 48.2] | 18.5 [13.8; 23.6] | NA |
| Zamora | Spain | 2004-2014 | 6834 | 69.2 [59.3; 78.6] | 22.6 [19.5; 26.5] | NA | 28.0 [24.1; 32.2] | 12.9 [7.4; 19.4] | NA |
| Zaragoza | Spain | 2004-2014 | 64308 | 48.5 [30.1; 63.6] | 27.5 [18.5; 40.0] | NA | 40.3 [32.1; 48.9] | 15.8 [9.8; 22.4] | NA |
| Basel | Switzerland | 1995-2013 | 37607 | 71.7 [44.0; 94.4] | 18.7 [11.9; 28.4] | 13.5 [8.2; 21.5] | 23.7 [14.5; 35.2] | 11.2 [5.1; 16.7] | 75.9 [67.5; 82.8] |
| Bern | Switzerland | 2003-2013 | 15142 | 74.3 [50.3; 97.3] | 26.3 [19.1; 36.7] | 17.4 [12.2; 24.8] | 45.9 [37.5; 55.3] | 9.7 [2.8; 15.6] | 78.6 [70.3; 85.8] |
| Geneve | Switzerland | 1995-2013 | 26306 | 64.9 [39.8; 87.2] | 20.2 [13.3; 29.9] | NA | 36.6 [27.7; 46.6] | 11.3 [4.9; 17] | 72.7 [64.2; 80.9] |
| Lausanne | Switzerland | 1995-2013 | 20810 | 73.5 [50.7; 97.2] | 23.3 [15.7; 34.2] | NA | 44.7 [35.5; 53.4] | 11.5 [5.5; 17.2] | 72.0 [63.6; 79.3] |
| Lugano | Switzerland | 1995-2013 | 28567 | 73.8 [33.5; 112.0] | 24.8 [15.7; 37.6] | 19.3 [11.9; 30.3] | 35.7 [24.2; 49.0] | 12.8 [6.7; 19] | 70.5 [59.7; 80.2] |
| Luzern | Switzerland | 1995-2013 | 15073 | 66.6 [37.2; 92.9] | 18.7 [12.5; 27.4] | NA | 24.2 [18.0; 32.5] | 10.2 [3.7; 16.1] | 78.9 [70.3; 85.7] |
| St. Gallen | Switzerland | 1995-2013 | 13543 | 84.6 [70.0; 105.0] | 15.9 [9.9; 24.5] | NA | 12.2 [8.3; 18.8] | 9.1 [2.7; 14.5] | 77.2 [67.0; 86.0] |
| Zurich | Switzerland | 1995-2013 | 73539 | 73.2 [50.3; 98.5] | 19.9 [13.1; 29.7] | 13.9 [9.3; 21.8] | 33.2 [24.7; 43.3] | 10.1 [3.6; 15.7] | 78.0 [68.3; 85.6] |
| Stockholm | Sweden | 1990-2010 | 201197 | 61.9 [48.9; 76.0] | 12.5 [9.3; 17.9] | 6.6 [4.7; 9.5] | 26.8 [20.0; 34.8] | 6.8 [1.2; 13.9] | 79.6 [68.4; 87.6] |
| Kaohsiung | Taiwan | 2008-2014 | 119890 | 127.1 [88.0; 161.2] | 70.3 [43.7; 95.8] | 40.8 [23.6; 54.6] | 35.9 [25.4; 48.5] | 26.4 [22.4; 28.7] | 75.0 [71.0; 78.0] |
| Taipei | Taiwan | 2008-2014 | 230039 | 98.2 [79.4; 123.5] | 42.1 [31.6; 56.4] | 24.8 [17.4; 34.0] | 40.2 [33.4; 48.3] | 23.4 [18.5; 27.9] | 75.3 [69.0; 81.3] |
| Taichung | Taiwan | 2008-2014 | 93751 | 101.9 [78.9; 131.2] | 51.3 [37.3; 70.0] | 30.3 [20.5; 42.7] | 31.6 [24.0; 40.0] | 24.4 [18.9; 27.9] | 75.5 [71.5; 80.0] |
| Bristol | UK | 1993-2005 | 67017 | 56.0 [40.0; 69.0] | 25.0 [19.0; 34.0] | NA | NA | 11.2 [7.6; 15.4] | 72.1 [62.4; 81.1] |
| Cardiff | UK | 1993-2006 | 45854 | 53.0 [38.0; 67.0] | 27.0 [21.0; 36.0] | NA | NA | 11.3 [7.7; 15.4] | 71.8 [61.9; 81.2] |
| Greater London | UK | 1993-2006 | 835683 | 48.6 [32.3; 63.0] | 24.2 [19.3; 32.3] | NA | NA | 11.2 [7.2; 15.8] | 70.5 [59.6; 80.5] |
| Greater Manchester | UK | 1996-2006 | 171932 | 48.3 [35.7; 60.0] | 22.3 [17.5; 30.2] | NA | NA | 10.3 [6.5; 14.5] | 75.2 [65.1; 84.0] |
| Kingston upon Hull | UK | 1994-2002 | 30888 | 48.0 [35.0; 62.0] | 27.0 [21.0; 35.0] | NA | NA | 10.4 [6.4; 14.5] | 80.7 [71.1; 88.7] |
| Leicester | UK | 1994-2006 | 55224 | 52.0 [36.0; 67.0] | 21.0 [16.0; 28.0] | NA | NA | 9.8 [5.7; 14.1] | NA |
| Liverpool | UK | 1993-2002 | 75858 | 54.0 [37.0; 66.0] | 25.0 [20.0; 35.0] | NA | NA | 10.2 [6.7; 14.2] | 81.1 [73.1; 88.3] |
| Norwich | UK | 1997-2006 | 20082 | 59.0 [41.0; 75.0] | 20.0 [16.0; 26.0] | NA | NA | 10.3 [6.2; 14.8] | 72.3 [62.2; 81.5] |
| Nottingham | UK | 1996-2006 | 56017 | 44.0 [30.0; 59.0] | 23.0 [18.0; 30.0] | NA | NA | 10 [5.9; 14.2] | 77.1 [66.5; 86.7] |
| Sheffield | UK | 1996-2006 | 62836 | 49.5 [35.9; 62.0] | 23.0 [17.0; 33.0] | NA | NA | 10.2 [6.2; 14.5] | 70.7 [60.4; 79.9] |
| Southampton | UK | 1994-2006 | 35500 | 51.0 [37.0; 64.0] | 24.0 [19.0; 32.0] | NA | NA | 11.9 [8.1; 16.1] | 75.2 [64.7; 84.6] |
| The Potteries | UK | 1997-2006 | 39960 | 55.0 [41.0; 69.0] | 21.0 [16.0; 28.0] | NA | NA | 9.6 [5.8; 13.9] | 85.2 [79.8; 92.7] |
| Tyneside | UK | 1993-2006 | 98256 | 54.0 [40.0; 68.0] | 20.0 [15.0; 28.0] | NA | NA | 9.9 [6.3; 13.8] | 71.4 [62.4; 80.3] |
| West Midlands | UK | 1993-2006 | 335592 | 54.4 [39.7; 66.9] | 21.5 [16.3; 30.3] | NA | NA | 10 [6; 14.2] | 75.5 [64.6; 85.7] |
| West Yorkshire | UK | 1993-2006 | 142586 | 46.5 [32.2; 59.5] | 25.0 [19.0; 35.0] | NA | NA | 9.6 [5.7; 13.8] | 75.6 [65.6; 84.4] |
| Augusta | USA | 1989-2006 | 30967 | 94.6 [70.6; 118.0] | 21.0 [14.0; 31.0] | 15.7 [10.9; 21.2] | NA | 18.9 [11.8; 24.6] | 68.0 [55.9; 78.7] |
| Akron | USA | 1985-2006 | 107392 | 87.7 [60.3; 116.6] | 21.2 [15.3; 29.8] | 14.1 [9.8; 20.1] | NA | 11.1 [2; 19.1] | 72.0 [63.2; 80.2] |
| Albany | USA | 1987-2006 | 54560 | 65.9 [46.8; 88.0] | 19.7 [14.0; 29.2] | 8.9 [5.6; 14.9] | 27.1 [18.2; 37.8] | 9.8 [1.4; 18.5] | 69.0 [59.9; 78.3] |
| Albuquerque | USA | 1985-2006 | 73279 | 84.3 [64.9; 102.7] | 25.7 [17.9; 35.7] | 5.9 [4.4; 8.1] | 31.4 [22.8; 42.8] | 14.5 [6.3; 22.1] | 38.7 [27.2; 51.8] |
| Allentown | USA | 1985-2006 | 61366 | 78.2 [50.3; 108.4] | 21.1 [14.0; 31.8] | 11.7 [7.4; 18.3] | 30.8 [22.2; 42.0] | 11.7 [3.3; 19.8] | 66.7 [56.8; 76.6] |
| Anaheim | USA | 1985-2006 | 320343 | 77.8 [54.5; 99.4] | 34.0 [24.7; 43.6] | 13.0 [8.9; 19.4] | 54.0 [38.2; 75.8] | 18.8 [15.4; 22] | 63.8 [52.7; 71.0] |
| AnnArbor | USA | 1985-2006 | 33609 | 87.5 [67.8; 109.0] | 15.0 [10.0; 21.0] | 11.5 [7.4; 18.1] | NA | 10.1 [1.3; 18.8] | 71.7 [63.2; 79.7] |
| Annandale | USA | 1985-2006 | 71093 | 67.9 [42.5; 103.8] | 21.0 [14.4; 29.0] | 12.1 [8.3; 17.6] | 36.3 [27.0; 47.4] | 14.6 [6.4; 22.6] | 64.0 [53.2; 74.5] |
| Austin | USA | 1985-2006 | 69427 | 79.4 [62.2; 102.1] | 20.7 [15.5; 27.0] | 9.0 [6.5; 12.5] | 14.8 [6.5; 31.4] | 21.6 [14.8; 26.9] | 66.5 [55.8; 76.3] |
| Atlantic City | USA | 1985-2006 | 49410 | 77.8 [56.1; 105.3] | 27.0 [20.0; 36.0] | 9.1 [6.5; 14.6] | NA | 12.7 [5.1; 20.4] | 71.1 [60.8; 81.4] |
| Atlanta | USA | 1985-2006 | 310249 | 95.5 [68.5; 124.7] | 25.5 [18.2; 34.9] | 16.1 [11.6; 21.5] | 35.6 [26.0; 46.7] | 17.2 [9.9; 23.6] | 69.3 [59.6; 78.2] |
| Atzec | USA | 1997-2006 | 3858 | 94.6 [74.7; 111.5] | 14.2 [10.4; 18.5] | 5.5 [4.3; 7.3] | 18.2 [13.7; 24.6] | 11.8 [3.3; 21.2] | 39.3 [25.4; 55.8] |
| Buffalo | USA | 1985-2006 | 212201 | 68.4 [49.5; 94.1] | 19.4 [13.9; 28.3] | 11.1 [7.2; 17.1] | 33.6 [25.1; 43.5] | 9.3 [1.2; 18] | 72.5 [64.5; 80.4] |
| Bakersfield | USA | 1985-2006 | 88852 | 106.0 [68.1; 143.7] | 36.6 [24.2; 52.5] | 12.6 [8.4; 20.5] | 31.7 [24.7; 42.0] | 17.9 [11.8; 25.2] | 50.3 [37.6; 68.9] |
| Boulder | USA | 1985-2006 | 24614 | 80.4 [57.3; 102.3] | 20.6 [14.7; 28.9] | 7.2 [5.5; 9.7] | NA | 12.2 [4.4; 20.3] | 41.6 [30.9; 57.2] |
| Baltimore | USA | 1985-2006 | 319591 | 68.6 [42.7; 102.0] | 27.2 [18.8; 38.3] | 13.6 [8.9; 19.8] | 45.5 [35.0; 57.4] | 14.1 [5.9; 22.1] | 64.5 [53.2; 75.9] |
| Bangor | USA | 1985-2006 | 26523 | 74.7 [58.6; 91.9] | 16.9 [11.6; 25.0] | 7.9 [5.4; 11.9] | NA | 7.8 [-0.5; 16.4] | 68.6 [58.3; 79.8] |
| Bergen | USA | 1985-2006 | 239023 | 58.7 [35.5; 87.0] | 29.6 [21.0; 40.7] | 10.8 [7.1; 17.6] | 51.4 [38.0; 66.8] | 12.8 [4.5; 20.8] | 62.6 [51.4; 75.1] |
| Burlington | USA | 1985-2006 | 17292 | 78.6 [63.0; 97.0] | 15.4 [10.7; 22.5] | 6.9 [4.4; 11.2] | 29.4 [22.8; 36.9] | 8.6 [-0.2; 17.6] | 67.7 [59.1; 76.5] |
| Birmingham | USA | 1985-2006 | 171109 | 83.5 [59.1; 109.9] | 29.5 [19.2; 43.9] | 14.5 [10.2; 20.9] | 19.7 [14.2; 25.9] | 18.3 [10.8; 24.4] | 68.7 [58.6; 78.3] |
| Barnstable | USA | 1987-2006 | 47369 | 87.0 [70.3; 108.8] | NA | NA | 4.1 [1.7; 6.6] | 10.5 [3.9; 18.2] | 74.1 [62.1; 85.0] |
| Brownsville | USA | 1985-2006 | 36059 | 60.0 [42.4; 81.0] | 22.3 [16.2; 31.1] | 9.0 [6.6; 11.8] | NA | 24.3 [19.7; 27.9] | 76.0 [70.6; 82.0] |
| Boston | USA | 1985-2006 | 475683 | 58.1 [39.1; 82.2] | 23.1 [17.1; 31.4] | 10.4 [7.1; 15.5] | 43.8 [33.4; 55.2] | 10.7 [3.6; 18.7] | 66.2 [53.7; 79.3] |
| Baton Rouge | USA | 1985-2006 | 62561 | 73.3 [53.3; 100.2] | 26.4 [20.5; 35.0] | 12.1 [9.1; 16.4] | 24.6 [18.7; 32.8] | 21.1 [14.4; 25.8] | 74.5 [66.0; 82.0] |
| Cedar Rapids | USA | 1985-2006 | 28150 | 63.0 [45.3; 84.4] | 24.3 [17.3; 33.4] | 9.1 [5.8; 14.4] | 6.9 [4.5; 9.3] | 10.3 [0.6; 19.6] | 73.4 [63.7; 82.2] |
| Chicago | USA | 1985-2006 | 1115158 | 56.0 [37.0; 79.5] | 28.7 [20.2; 39.7] | 13.8 [9.2; 19.4] | 44.0 [35.0; 54.3] | 11.4 [2.8; 20.7] | 66.3 [56.8; 76.0] |
| Charlotte | USA | 1985-2006 | 82255 | 100.7 [72.8; 127.1] | 27.1 [19.6; 36.7] | 14.1 [10.0; 19.2] | 30.5 [21.7; 39.9] | 17 [9.4; 23.4] | 64.8 [53.5; 76.0] |
| Charleston SC | USA | 1987-2006 | 45917 | 74.5 [57.1; 95.1] | 18.6 [14.0; 24.2] | 11.0 [7.8; 15.2] | 11.2 [7.0; 17.2] | 19.6 [13.1; 25.1] | 74.1 [64.0; 81.7] |
| Chattanoga | USA | 1985-2006 | 60219 | 90.8 [63.2; 115.9] | 28.9 [20.0; 39.4] | 13.2 [8.9; 18.1] | NA | 16.8 [9; 23.4] | 69.5 [60.2; 78.3] |
| Charlestown WV | USA | 1985-2006 | 49105 | 77.7 [46.6; 108.3] | 22.0 [15.1; 31.1] | 14.5 [10.1; 20.5] | 39.5 [31.6; 48.5] | 14.2 [5.8; 21] | 71.3 [60.8; 80.1] |
| Columbus | USA | 1985-2006 | 159353 | 88.3 [61.2; 113.0] | 25.8 [18.6; 36.4] | 14.6 [10.3; 20.1] | 46.1 [35.0; 59.4] | 12.7 [3.6; 20.7] | 68.5 [60.0; 77.0] |
| Colorado Springs | USA | 1985-2006 | 51338 | 80.1 [61.7; 98.0] | 19.5 [14.8; 26.6] | 6.7 [5.4; 8.8] | 27.7 [20.9; 36.3] | 9.7 [2.2; 17.6] | 46.7 [34.5; 62.0] |
| Cleveland | USA | 1985-2006 | 404057 | 79.2 [59.1; 106.7] | 28.2 [18.8; 41.4] | 13.6 [8.7; 20.1] | 41.9 [32.5; 53.6] | 11.6 [2.9; 20.3] | 69.9 [61.5; 78.2] |
| Cincinnati | USA | 1985-2006 | 171958 | 89.1 [63.1; 114.3] | 26.9 [19.4; 37.3] | 15.4 [10.9; 21.4] | 46.1 [36.8; 56.6] | 13.6 [4.9; 21.2] | 70.6 [62.4; 78.6] |
| Canton | USA | 1985-2006 | 77288 | 93.3 [68.2; 118.6] | 22.9 [16.6; 31.7] | 15.2 [10.7; 21.3] | 27.0 [17.6; 38.0] | 10.9 [1.8; 19] | 73.1 [64.2; 81.4] |
| Columbia | USA | 1985-2006 | 75994 | 82.0 [59.0; 109.4] | 24.2 [15.0; 35.1] | 13.1 [9.4; 17.7] | 11.7 [7.4; 17.2] | 18.6 [11.2; 24.8] | 67.2 [56.7; 77.0] |
| Corpus Christi | USA | 1985-2006 | 45983 | 66.4 [48.0; 88.9] | 26.0 [19.8; 34.0] | 9.1 [6.8; 12.1] | NA | 23.4 [17.9; 27.6] | 76.2 [69.3; 82.6] |
| Davis | USA | 1985-2006 | 17954 | 98.0 [76.9; 117.6] | 22.0 [14.0; 32.0] | 6.8 [4.7; 10.5] | 31.9 [22.2; 47.6] | 10.2 [2.2; 19.7] | 49.1 [33.1; 67.2] |
| Dallas | USA | 1985-2006 | 260718 | 74.2 [52.4; 102.7] | 26.1 [19.4; 34.6] | 11.3 [8.3; 15.8] | 26.9 [19.3; 36.8] | 20.5 [12.7; 27.1] | 61.1 [51.4; 72.1] |
| Denver | USA | 1985-2006 | 182600 | 78.0 [56.3; 103.0] | 25.1 [17.1; 35.2] | 9.1 [7.0; 11.8] | 41.8 [28.3; 58.5] | 10.6 [3.1; 18.8] | 46.5 [35.1; 62.2] |
| Dodge | USA | 1985-2006 | 11259 | 82.6 [64.7; 102.9] | 14.4 [10.3; 20.4] | 9.0 [5.7; 14.7] | NA | 9.1 [0.3; 18.3] | 71.6 [62.4; 80.5] |
| Dover | USA | 1985-2006 | 19772 | 93.3 [71.1; 120.8] | 25.0 [19.0; 29.0] | 10.8 [7.2; 16.5] | NA | 13.6 [5.6; 21.4] | 69.8 [59.4; 80.3] |
| Durham | USA | 1993-2006 | 21566 | 101.9 [77.7; 123.8] | 21.0 [15.0; 28.0] | 13.1 [9.2; 17.9] | 17.8 [13.0; 22.5] | 16.3 [8.7; 23.1] | 69.3 [58.5; 78.9] |
| DesMoines | USA | 1985-2006 | 54488 | 45.8 [22.8; 71.3] | 25.9 [18.0; 37.6] | 8.7 [5.8; 13.5] | 20.5 [15.6; 27.5] | 11.3 [1.4; 20.6] | 69.3 [59.5; 78.3] |
| Detroit | USA | 1985-2006 | 729077 | 73.1 [51.5; 98.3] | 29.0 [19.1; 43.5] | 13.4 [8.7; 20.2] | 35.2 [25.4; 46.6] | 10.9 [2.1; 19.8] | 66.7 [58.3; 75.5] |
| Davenport | USA | 1985-2006 | 55256 | 79.1 [57.7; 102.2] | 26.3 [16.3; 39.5] | 10.6 [6.9; 16.1] | 10.3 [7.0; 14.7] | 11.2 [1.5; 20] | 71.3 [61.8; 80.1] |
| Daytona Beach | USA | 1992-2006 | 78470 | 74.8 [59.5; 93.1] | 18.9 [14.8; 23.8] | 8.7 [6.1; 12.1] | NA | 22.7 [17.9; 25.9] | 76.7 [69.8; 82.6] |
| Dayton | USA | 1985-2006 | 108776 | 90.9 [64.4; 115.6] | 24.0 [17.3; 33.9] | 14.5 [10.0; 20.4] | NA | 12.6 [3.4; 20.6] | 71.0 [62.1; 80.0] |
| El centro | USA | 1985-2006 | 16009 | 88.2 [69.8; 110.0] | 49.0 [36.0; 66.1] | 10.0 [7.1; 13.4] | 21.5 [13.2; 35.8] | 23.2 [16.1; 30.9] | 36.1 [28.0; 45.0] |
| Elkhart | USA | 1992-2006 | 18913 | 92.4 [74.4; 112.7] | NA | 12.7 [8.2; 19.0] | NA | 12 [2.6; 21] | 70.3 [60.7; 80.5] |
| El Paso | USA | 1985-2006 | 73269 | 78.9 [61.6; 99.0] | 30.6 [20.3; 45.8] | 9.0 [6.5; 12.5] | 37.6 [27.3; 50.2] | 19.3 [11.2; 25.7] | 36.7 [25.7; 50.0] |
| Elizabeth | USA | 1985-1997 | 59658 | 62.5 [39.4; 91.8] | 28.5 [20.5; 38.2] | NA | 57.5 [44.9; 72.1] | 13.3 [4.9; 21.8] | 61.7 [51.2; 73.8] |
| Erie | USA | 1985-2006 | 54723 | 80.1 [59.8; 106.6] | 16.7 [11.0; 25.4] | 10.8 [7.2; 16.4] | 24.7 [17.9; 33.0] | 10.6 [2.1; 18.9] | 71.0 [62.8; 79.3] |
| Essex | USA | 1985-2006 | 131712 | 70.8 [55.6; 89.8] | 15.0 [11.0; 24.0] | 8.0 [5.2; 12.9] | 17.4 [10.8; 27.3] | 10.3 [3; 18.3] | 67.7 [55.1; 80.1] |
| Eugene | USA | 1985-2006 | 52763 | 71.5 [55.9; 88.9] | 20.7 [12.9; 33.6] | 6.7 [3.7; 11.5] | NA | 11.2 [7; 16.3] | 77.9 [66.5; 87.1] |
| Evansville | USA | 1985-2006 | 37519 | 102.4 [81.1; 124.1] | 26.4 [20.0; 35.7] | 13.4 [9.4; 19.3] | 20.6 [15.2; 27.7] | 14.7 [5.7; 22.6] | 70.4 [62.0; 78.7] |
| Fargo | USA | 1993-2006 | 9567 | 68.6 [53.7; 86.0] | 14.1 [9.3; 22.5] | 6.5 [4.5; 10.0] | 10.8 [6.7; 16.4] | 6.9 [-3.8; 17.5] | 71.6 [62.1; 79.8] |
| Flint | USA | 1985-2006 | 75484 | 83.9 [65.0; 106.3] | 19.0 [13.0; 28.0] | 10.3 [6.0; 15.7] | NA | 9.6 [0.8; 18.3] | 72.7 [64.4; 80.4] |
| Fresno | USA | 1985-2006 | 104033 | 100.2 [63.7; 137.3] | 39.3 [26.5; 57.3] | 13.4 [8.8; 24.0] | 32.4 [23.9; 42.7] | 17.4 [11.3; 24.7] | 53.9 [40.3; 73.8] |
| Fort Lauderdale | USA | 1985-2006 | 308032 | 63.4 [47.9; 80.5] | 16.8 [13.4; 21.3] | 7.5 [5.6; 10.2] | 15.9 [9.7; 22.4] | 25.7 [22.9; 27.9] | 72.4 [66.0; 78.2] |
| Fort Myers | USA | 1985-2006 | 88850 | 72.5 [57.6; 89.8] | 18.2 [14.4; 22.4] | 8.1 [5.7; 10.7] | NA | 24.4 [20.8; 26.9] | 74.6 [67.9; 80.5] |
| Fort Pierce | USA | 1995-2006 | 41824 | 72.0 [55.1; 88.9] | 17.2 [13.9; 22.1] | 8.0 [5.5; 11.1] | 17.3 [12.7; 23.5] | 23.9 [20.2; 26.3] | 76.9 [70.5; 82.0] |
| Fort Worth | USA | 1985-2006 | 172892 | 79.8 [59.5; 109.4] | 21.1 [16.0; 28.6] | 10.8 [7.8; 14.8] | 25.2 [16.1; 36.4] | 19.9 [11.9; 26.5] | 61.9 [51.7; 72.9] |
| Fort Wayne | USA | 1985-2006 | 50899 | 97.7 [78.2; 118.6] | 19.4 [13.8; 29.0] | 12.2 [8.2; 17.9] | 17.4 [10.8; 25.4] | 11.2 [1.9; 19.6] | 73.5 [64.7; 81.8] |
| Fayetville | USA | 1985-2006 | 34790 | 101.9 [78.4; 125.0] | 23.0 [16.5; 31.0] | 12.9 [9.2; 18.1] | NA | 18.1 [10.4; 24.4] | 65.8 [55.0; 76.2] |
| Gary | USA | 1985-2006 | 90669 | 89.7 [69.6; 115.2] | 23.8 [15.8; 35.7] | 13.9 [9.6; 19.2] | 36.9 [27.7; 47.3] | 12.1 [3.1; 21.1] | 68.0 [59.3; 77.4] |
| Greensburg | USA | 1985-2006 | 86732 | 82.2 [60.0; 105.8] | 23.4 [17.2; 32.5] | 13.5 [9.2; 19.6] | 28.4 [21.1; 36.3] | 13.3 [4.2; 21.3] | 59.1 [49.8; 69.1] |
| Grand heaven | USA | 1989-2006 | 22493 | 90.7 [72.3; 114.7] | 14.1 [10.3; 20.1] | 11.2 [6.4; 17.5] | 17.8 [14.2; 22.2] | 9.2 [1.2; 17.9] | 73.4 [65.2; 81.1] |
| Grand Junctio | USA | 1986-1992 | 5209 | 89.4 [74.5; 101.9] | 25.1 [18.9; 34.7] | NA | NA | 12.6 [2.2; 21.3] | 44.1 [27.6; 64.0] |
| Grand Rapids | USA | 1985-2006 | 78804 | 84.4 [65.0; 109.8] | 20.0 [14.0; 28.9] | 11.4 [7.0; 18.0] | 27.8 [20.2; 37.0] | 9.4 [0.7; 18.5] | 72.7 [64.1; 81.0] |
| Greensboro | USA | 1985-2006 | 65906 | 106.8 [82.8; 128.1] | 22.5 [15.5; 31.0] | 13.2 [9.1; 18.3] | NA | 15.6 [7.9; 22.3] | 66.9 [55.1; 77.8] |
| Gasinesville | USA | 1985-2006 | 27589 | 78.2 [59.7; 100.2] | 17.1 [13.7; 21.7] | 9.0 [6.6; 12.2] | NA | 21.4 [16.2; 25.2] | 76.2 [68.0; 83.1] |
| Gettysburg | USA | 2002-2006 | 4083 | 93.8 [73.3; 113.4] | NA | 11.0 [7.0; 16.9] | 5.7 [3.7; 8.4] | 12.1 [3.8; 20.1] | 70.5 [59.4; 80.3] |
| Holland | USA | 1990-2006 | 7264 | 94.3 [76.0; 121.0] | 14.0 [8.0; 20.5] | 9.9 [5.7; 16.3] | 13.9 [9.2; 20.1] | 9.4 [1.6; 18.3] | 73.6 [65.1; 81.2] |
| Harrisburg | USA | 1985-2006 | 49992 | 79.4 [52.6; 108.9] | 19.9 [13.1; 28.6] | 13.4 [8.4; 20.3] | 33.4 [24.0; 44.4] | 12.9 [4.2; 21.1] | 64.0 [53.0; 75.6] |
| Hartford | USA | 1985-2006 | 159050 | 76.2 [55.1; 98.2] | 16.7 [11.2; 25.9] | 9.3 [6.2; 14.9] | 32.4 [22.6; 44.6] | 11.7 [3.4; 19.8] | 65.7 [54.2; 77.2] |
| Houston | USA | 1985-2006 | 366340 | 66.4 [47.8; 95.8] | 27.0 [19.1; 36.9] | 12.1 [9.0; 15.8] | 32.5 [23.4; 43.8] | 22.2 [16.3; 26.9] | 75.3 [66.6; 82.3] |
| Indianapolis | USA | 1985-2006 | 149459 | 98.9 [77.2; 121.5] | 27.0 [19.1; 38.0] | 14.6 [10.0; 20.3] | 33.7 [25.6; 42.9] | 12.9 [3.5; 21.1] | 71.2 [62.1; 80.0] |
| Iowa city | USA | 1985-1991 | 2871 | 68.6 [50.0; 90.6] | NA | NA | NA | 10.4 [0.5; 19.9] | 71.4 [61.6; 80.4] |
| Jacksonville | USA | 1985-2006 | 124017 | 77.3 [59.6; 99.0] | 26.0 [20.0; 33.0] | 9.6 [6.8; 13.0] | 26.4 [19.9; 34.3] | 22.4 [16.9; 26.5] | 69.3 [61.2; 76.6] |
| Jersey city | USA | 1985-2006 | 103084 | 60.0 [36.3; 90.9] | 28.5 [20.0; 39.6] | 12.8 [8.3; 19.6] | 49.7 [37.4; 64.0] | 10.3 [3.6; 17.7] | 73.8 [62.6; 84.3] |
| Kalamazoo | USA | 1991-2006 | 26670 | 84.8 [61.4; 106.3] | 16.0 [10.0; 24.5] | 11.9 [7.2; 18.7] | 25.0 [18.6; 32.6] | 10.6 [1.6; 19.6] | 70.3 [60.7; 78.9] |
| Kenosha | USA | 1985-2006 | 23194 | 89.5 [70.8; 114.7] | NA | 9.8 [6.0; 15.5] | 25.6 [16.0; 38.3] | 10 [1.6; 18.9] | 72.3 [63.9; 80.6] |
| Kansas | USA | 1985-2006 | 218933 | 63.0 [39.2; 91.9] | 29.2 [21.0; 40.1] | 10.8 [7.4; 15.2] | 24.1 [17.0; 32.6] | 14.8 [5.2; 23] | 64.6 [55.4; 74.3] |
| Knoxville | USA | 1985-2006 | 80418 | 91.3 [71.0; 115.0] | 27.0 [19.0; 36.5] | 14.5 [10.1; 20.0] | 6.0 [2.6; 15.2] | 15.9 [7.9; 22.8] | 70.9 [61.6; 79.5] |
| La Fayette LA | USA | 1985-2006 | 24508 | 76.0 [56.4; 101.7] | 18.0 [14.0; 24.0] | 10.1 [7.3; 13.9] | NA | 21.4 [14.9; 26] | 76.2 [67.5; 83.3] |
| Lake Charles | USA | 1985-2006 | 31479 | 74.1 [55.9; 97.0] | 19.0 [14.0; 26.0] | 9.9 [7.2; 13.7] | 10.1 [7.0; 14.1] | 22.5 [16.1; 27.2] | 71.6 [61.4; 80.7] |
| Lakeland | USA | 1992-2006 | 70007 | 75.1 [58.2; 94.7] | 19.7 [15.7; 24.6] | 9.3 [6.6; 12.6] | NA | 24.7 [20.4; 27.5] | 66.7 [58.8; 74.0] |
| Lancaster | USA | 1985-2006 | 80724 | 83.3 [53.4; 114.0] | 19.8 [13.5; 28.6] | 14.3 [9.5; 21.5] | 29.0 [20.9; 38.2] | 12.6 [4.1; 20.9] | 65.6 [55.1; 76.9] |
| Lousville | USA | 1985-2006 | 139347 | 80.4 [52.7; 108.4] | 23.5 [17.0; 33.1] | 14.1 [9.9; 19.5] | 34.3 [26.3; 44.7] | 15.3 [6.4; 22.9] | 67.1 [57.9; 76.6] |
| LaPorte | USA | 1990-2006 | 15900 | 95.1 [76.3; 118.3] | 18.5 [12.8; 24.0] | 11.8 [7.3; 17.1] | NA | 10.7 [1.7; 19.3] | 72.7 [63.5; 81.3] |
| Los Angeles | USA | 1985-2006 | 1239036 | 80.3 [49.5; 115.5] | 34.3 [25.4; 43.5] | 15.8 [11.1; 22.2] | 63.6 [48.1; 81.9] | 17.9 [15.2; 20.2] | 71.0 [60.9; 77.8] |
| Las Vegas | USA | 1985-2006 | 182220 | 86.0 [63.1; 108.4] | 31.9 [23.2; 42.0] | 6.5 [4.4; 9.1] | 30.6 [18.7; 54.1] | 20.3 [11.9; 29.3] | 25.7 [18.0; 37.2] |
| Little Rock | USA | 1985-2006 | 63901 | 76.7 [56.6; 101.8] | 25.7 [18.8; 34.8] | 12.8 [9.2; 17.8] | 19.0 [13.4; 26.6] | 17.9 [9.7; 24.7] | 68.9 [59.4; 78.1] |
| Macon | USA | 1997-2006 | 15318 | 98.7 [76.5; 122.7] | 26.0 [17.0; 36.0] | 14.1 [10.3; 19.0] | NA | 18.8 [11.9; 24.8] | 69.4 [59.2; 78.0] |
| Mc Allen | USA | 1996-2006 | 29196 | 64.6 [49.6; 81.6] | 25.0 [18.9; 34.3] | 9.5 [7.2; 12.5] | NA | 25 [19.9; 28.7] | 68.4 [61.4; 76.0] |
| Middlesex | USA | 1985-2006 | 110324 | 68.6 [45.6; 101.2] | 22.2 [16.5; 30.7] | 9.7 [6.4; 15.4] | 31.4 [22.3; 43.9] | 12.9 [4.6; 21.1] | 63.2 [51.7; 75.5] |
| Middletown | USA | 1985-2006 | 49618 | 89.7 [63.0; 115.4] | 27.5 [19.4; 40.4] | 14.5 [10.3; 20.4] | NA | 13.4 [4.6; 21.1] | 69.8 [61.4; 78.0] |
| Medford | USA | 1985-2006 | 33409 | 83.5 [67.6; 102.5] | 28.5 [18.8; 43.7] | 7.4 [4.5; 12.3] | NA | 12 [6.4; 18.9] | 62.6 [47.5; 79.9] |
| Madison IL | USA | 1985-2006 | 48230 | 69.0 [46.1; 98.0] | 33.8 [21.4; 51.7] | 15.3 [10.3; 20.5] | NA | 15.6 [6.1; 23.6] | 66.5 [56.1; 76.5] |
| Modesto | USA | 1985-2006 | 63591 | 80.4 [52.2; 111.5] | 31.9 [22.6; 45.3] | 11.0 [8.0; 20.0] | 32.9 [25.0; 42.5] | 17.9 [11.7; 24.2] | 54.3 [40.9; 71.3] |
| Madison WI | USA | 1985-2006 | 48763 | 83.1 [62.5; 102.4] | 21.0 [14.5; 29.0] | 10.2 [6.6; 16.1] | NA | 9.3 [0.1; 18.4] | 70.5 [61.7; 78.8] |
| Miami | USA | 1985-2006 | 372130 | 65.1 [49.8; 82.7] | 24.6 [19.9; 30.4] | 8.4 [6.3; 11.3] | 18.6 [12.8; 27.5] | 25.4 [22.8; 27.7] | 72.7 [67.2; 78.0] |
| Melbourn | USA | 1988-2006 | 80122 | 75.0 [59.3; 91.9] | 16.5 [13.0; 20.9] | 7.5 [5.1; 10.4] | NA | 23.9 [20.1; 26.6] | 76.0 [70.0; 81.3] |
| Milwauke | USA | 1985-2006 | 232056 | 76.2 [56.5; 98.4] | 25.1 [17.3; 35.3] | 11.2 [7.1; 17.3] | 36.3 [26.9; 47.4] | 9.2 [1.1; 18.4] | 70.4 [61.7; 79.2] |
| Memphis | USA | 1985-2006 | 152003 | 101.4 [78.9; 124.2] | 24.2 [17.5; 32.7] | 12.1 [8.6; 16.7] | 44.1 [31.9; 57.6] | 18.4 [10.1; 25.2] | 65.5 [55.9; 75.8] |
| Monmouth | USA | 1985-2006 | 235036 | 89.1 [64.2; 117.4] | NA | 9.0 [6.0; 13.9] | NA | 13.6 [5.7; 21.6] | 60.7 [49.6; 73.1] |
| Montgomery | USA | 1986-2006 | 38531 | 87.5 [66.2; 110.0] | 21.0 [15.3; 28.0] | 13.0 [9.9; 18.5] | 19.3 [14.3; 25.2] | 20.7 [13.7; 26.6] | 66.0 [56.0; 76.1] |
| Mobile | USA | 1985-2006 | 72746 | 79.7 [59.7; 102.3] | 25.9 [19.1; 34.7] | 11.4 [8.5; 16.0] | NA | 21.4 [15.1; 26.4] | 72.6 [61.3; 81.8] |
| Monroe | USA | 1985-2006 | 26416 | 78.9 [59.3; 103.4] | 25.0 [17.0; 37.0] | 10.7 [7.6; 15.4] | 16.0 [11.6; 21.9] | 19.7 [12.2; 25.6] | 72.8 [64.0; 80.8] |
| Mercer | USA | 1985-2006 | 27870 | 81.8 [57.1; 111.5] | 30.0 [22.0; 42.0] | 11.9 [8.1; 17.3] | NA | 10.3 [1.3; 18.2] | 71.3 [61.9; 79.9] |
| Marlboro | USA | 1985-2006 | 81024 | 87.0 [56.8; 121.5] | 20.4 [14.0; 29.5] | 11.8 [8.1; 17.3] | 18.1 [13.2; 25.6] | 13.9 [5.8; 21.7] | 66.3 [55.6; 77.5] |
| Muskegon | USA | 1985-2006 | 30902 | 89.9 [71.1; 116.4] | 25.8 [17.6; 39.0] | 9.8 [5.4; 16.1] | NA | 9.3 [1.1; 18] | 73.1 [64.7; 80.9] |
| Muncie | USA | 2001-2006 | 6539 | 100.7 [82.6; 119.3] | NA | 12.3 [8.2; 17.0] | NA | 12.3 [2.9; 20.1] | 72.8 [63.8; 82.0] |
| Nashua | USA | 1985-2006 | 51115 | 77.2 [58.8; 97.0] | 16.2 [11.0; 23.5] | 7.5 [4.9; 12.2] | 24.9 [16.3; 35.9] | 11.1 [2.6; 19.9] | 60.1 [48.9; 73.7] |
| Nassau | USA | 1985-2006 | 460192 | 64.9 [45.1; 90.5] | 17.3 [12.3; 24.1] | 9.8 [6.2; 15.2] | 44.1 [31.6; 58.7] | 12.2 [4.7; 20.3] | 66.6 [55.0; 79.6] |
| Niles | USA | 1991-2006 | 22196 | 99.0 [80.6; 122.7] | NA | 10.2 [6.0; 16.1] | 12.4 [10.2; 14.9] | 10.5 [1.6; 19.2] | 72.1 [63.5; 80.3] |
| Nashville | USA | 1985-2006 | 97358 | 65.5 [41.0; 92.7] | 29.2 [21.6; 39.7] | 12.5 [9.0; 17.4] | 25.9 [16.6; 36.3] | 16.7 [8.3; 23.7] | 66.6 [57.3; 76.1] |
| Newburgh | USA | 1995-2006 | 27492 | 90.6 [69.8; 110.7] | NA | 8.9 [5.9; 14.4] | NA | 10.9 [2.5; 19] | 64.6 [54.9; 76.0] |
| Newhaven | USA | 1985-2006 | 157415 | 79.9 [61.6; 102.3] | 23.4 [15.3; 34.8] | 11.4 [7.6; 17.5] | 45.8 [34.0; 58.9] | 12.1 [4.6; 20.2] | 72.6 [59.6; 83.1] |
| Newlond | USA | 1985-2006 | 40419 | 92.6 [75.2; 115.2] | 15.2 [11.0; 21.6] | 8.9 [6.0; 14.4] | NA | 11.5 [4.4; 19.1] | 72.2 [59.0; 84.5] |
| New Orleans | USA | 1985-1989 | 41816 | 73.0 [50.4; 103.2] | 30.9 [22.0; 41.8] | NA | 34.6 [26.9; 44.3] | 21.9 [15.8; 26.6] | 75.4 [68.0; 82.7] |
| Newark | USA | 1985-2006 | 220980 | 66.4 [45.3; 95.1] | 31.4 [22.0; 43.5] | 10.3 [6.7; 16.4] | 44.3 [32.8; 57.9] | 13.3 [5.2; 21.7] | 61.5 [51.1; 73.7] |
| New York | USA | 1985-2006 | 1367085 | 50.5 [30.9; 77.8] | 22.3 [16.3; 31.6] | 12.4 [8.2; 18.5] | 65.8 [53.3; 81.1] | 10.2 [3.5; 17.7] | 73.8 [62.7; 84.3] |
| Ocala | USA | 1998-2006 | 29695 | 77.7 [61.2; 97.5] | NA | 9.4 [6.8; 12.7] | NA | 22 [16.8; 25.4] | 70.9 [62.2; 78.1] |
| Oklahoma | USA | 1985-2006 | 118753 | 80.1 [58.6; 105.2] | 21.6 [15.7; 30.0] | 8.3 [5.9; 12.1] | 20.9 [14.9; 29.9] | 16.8 [8.1; 24.3] | 62.8 [52.6; 74.0] |
| Oakland | USA | 1985-2006 | 325028 | 60.7 [46.0; 74.1] | 19.9 [14.2; 28.2] | 9.1 [5.8; 15.3] | 30.9 [22.0; 41.1] | 14.4 [11.9; 16.4] | 77.8 [70.3; 83.4] |
| Omaha | USA | 1985-2006 | 71558 | 64.7 [47.0; 84.4] | 33.3 [24.2; 45.9] | 8.7 [6.0; 12.9] | NA | 11.6 [1.7; 20.7] | 68.7 [59.3; 77.5] |
| Orlando | USA | 1985-2006 | 157019 | 76.9 [60.5; 97.1] | 19.0 [14.9; 23.9] | 9.1 [6.7; 12.3] | 19.7 [14.1; 26.9] | 23.4 [19.3; 26.4] | 73.3 [66.0; 79.9] |
| Philadelphia | USA | 1985-2006 | 911888 | 64.3 [40.1; 99.3] | 24.2 [17.7; 34.2] | 12.2 [8.1; 18.1] | 46.1 [35.8; 57.7] | 13.1 [5.1; 21.2] | 66.1 [56.2; 77.0] |
| Phoenix | USA | 1985-2006 | 386802 | 89.1 [63.3; 110.4] | 42.8 [30.9; 57.7] | 9.3 [7.1; 13.3] | 42.9 [30.4; 57.8] | 24.1 [16.1; 31.9] | 28.9 [20.3; 41.2] |
| Palm beach | USA | 1985-2006 | 233887 | 62.0 [46.9; 79.0] | 18.9 [15.1; 24.0] | 7.2 [5.2; 9.8] | 23.6 [17.1; 30.8] | 24.9 [22; 27.2] | 74.5 [68.5; 79.8] |
| Plymouth | USA | 1987-1997 | 37343 | 70.6 [53.2; 93.8] | NA | NA | NA | 10.7 [3.1; 18.4] | 64.8 [53.8; 77.4] |
| Pensacola | USA | 1985-2006 | 50546 | 82.1 [62.9; 105.0] | 19.7 [15.2; 25.5] | 10.8 [7.8; 15.4] | 13.1 [9.0; 18.4] | 21.2 [15.2; 26.2] | 76.3 [65.6; 84.0] |
| Portland OR | USA | 1985-2006 | 210301 | 63.8 [49.5; 80.2] | 20.1 [13.7; 29.1] | 7.4 [5.0; 11.1] | 26.9 [20.4; 35.8] | 11.9 [7.4; 17.3] | 73.0 [62.3; 82.9] |
| Port Arthur | USA | 1985-2006 | 50969 | 70.4 [50.0; 97.4] | 20.0 [14.0; 26.0] | 10.0 [7.3; 13.7] | 14.3 [7.7; 21.5] | 21.6 [15.4; 26.5] | 78.7 [70.4; 85.0] |
| Portage | USA | 1985-2006 | 20147 | 86.9 [65.2; 111.5] | 17.5 [12.0; 25.1] | 11.7 [7.5; 16.9] | NA | 12.1 [3.1; 21.1] | 68.0 [59.3; 77.4] |
| Portland ME | USA | 1985-2006 | 46217 | 74.7 [59.5; 93.4] | 18.8 [13.5; 26.4] | 8.9 [6.3; 13.9] | 26.7 [17.9; 36.7] | 8.4 [0.9; 16.6] | 69.4 [58.0; 81.2] |
| Providence | USA | 1985-2006 | 254651 | 83.5 [64.9; 104.4] | 22.5 [16.2; 31.7] | 9.1 [6.4; 13.7] | 30.0 [19.2; 43.4] | 11 [3.6; 19] | 68.0 [55.8; 80.4] |
| Pittsburg | USA | 1985-2006 | 317935 | 63.4 [40.0; 96.8] | 24.4 [15.2; 38.6] | 13.2 [8.2; 20.6] | 44.7 [33.9; 56.4] | 12.3 [3.3; 20] | 68.2 [58.4; 77.8] |
| Richmond | USA | 1985-2006 | 116646 | 93.7 [64.7; 119.4] | 21.0 [15.0; 29.3] | 12.4 [8.6; 17.6] | 38.8 [28.9; 49.5] | 15.3 [7.5; 22.7] | 67.6 [56.8; 78.4] |
| Rochester | USA | 1985-2006 | 127040 | 62.5 [45.3; 84.8] | 19.5 [13.9; 28.0] | 9.2 [5.9; 14.8] | NA | 9.5 [1.2; 18.1] | 71.8 [63.9; 79.4] |
| Rockville | USA | 1985-2006 | 92381 | 89.7 [60.0; 120.5] | 23.0 [16.0; 32.0] | 10.8 [7.5; 16.4] | NA | 14.7 [6.6; 22.8] | 65.1 [54.0; 76.1] |
| Reading | USA | 1985-2006 | 72337 | 77.4 [51.2; 106.8] | 20.1 [14.3; 28.2] | 13.7 [8.7; 20.4] | 38.6 [30.2; 47.8] | 12.7 [4.2; 20.9] | 65.6 [55.1; 76.0] |
| Reno | USA | 1985-2006 | 45340 | 78.7 [57.8; 98.5] | 33.0 [22.0; 49.5] | 6.5 [4.6; 9.0] | 26.2 [14.1; 43.0] | 11.3 [4.5; 19.6] | 41.5 [29.6; 57.5] |
| Raleigh | USA | 1985-2006 | 58561 | 97.3 [71.0; 123.5] | 20.3 [14.8; 27.3] | 13.1 [9.3; 18.0] | 22.3 [15.5; 32.1] | 16.4 [8.8; 23.1] | 68.7 [57.7; 78.6] |
| Riverside | USA | 1985-2006 | 433285 | 101.5 [69.2; 139.7] | 36.3 [25.9; 46.5] | 15.3 [9.6; 23.2] | 43.7 [33.5; 54.5] | 17.1 [13; 22.1] | 56.5 [42.0; 68.6] |
| Sacramento | USA | 1985-2006 | 172136 | 80.6 [55.7; 105.7] | 22.9 [16.4; 31.4] | 9.1 [6.0; 14.4] | 26.2 [18.8; 35.9] | 15.8 [10.8; 20.8] | 64.5 [51.9; 77.8] |
| Scranton | USA | 1985-2006 | 150119 | 77.5 [56.3; 102.2] | 17.9 [11.9; 26.9] | 10.0 [6.0; 16.2] | 28.5 [20.1; 39.0] | 10.7 [2.2; 18.7] | 67.9 [58.4; 77.5] |
| San Diego | USA | 1985-2006 | 369956 | 87.5 [70.5; 105.1] | 31.6 [24.0; 40.5] | 11.4 [8.1; 16.1] | 37.9 [27.9; 51.4] | 17.8 [14.8; 20.6] | 68.4 [59.5; 74.5] |
| San Francisco | USA | 1985-2006 | 248607 | 47.9 [35.2; 61.2] | 22.6 [15.6; 32.5] | 9.1 [5.8; 14.4] | 34.9 [23.6; 50.1] | 14.6 [12.2; 16.6] | 75.4 [68.3; 81.5] |
| Salt Lake | USA | 1985-2006 | 89770 | 94.9 [71.8; 114.5] | 29.8 [19.5; 43.1] | 7.7 [5.6; 11.9] | 47.4 [34.8; 63.6] | 11.2 [3.3; 21] | 52.1 [36.2; 69.4] |
| San Jose | USA | 1985-2006 | 176066 | 61.7 [44.3; 77.4] | 25.1 [17.3; 35.4] | 9.9 [6.4; 16.8] | 42.8 [31.0; 57.4] | 17.2 [13.2; 21.1] | 59.7 [50.9; 68.8] |
| San Antonio | USA | 1985-2006 | 186461 | 78.3 [62.8; 99.7] | 22.0 [16.0; 29.5] | 8.7 [6.4; 12.1] | 16.6 [11.4; 24.3] | 22.5 [15.7; 27.7] | 65.4 [55.0; 75.6] |
| Spokane | USA | 1985-2006 | 68681 | 87.0 [73.3; 100.7] | 24.1 [14.3; 38.3] | 7.4 [4.5; 11.4] | NA | 9.2 [2.9; 16.6] | 65.2 [50.0; 80.5] |
| Springfield MA | USA | 1985-2006 | 94971 | 70.2 [51.0; 93.4] | 23.2 [16.4; 32.8] | 10.0 [6.5; 15.7] | 31.4 [21.9; 44.8] | 10.9 [2.2; 19.2] | 64.3 [54.1; 76.0] |
| Springfied MO | USA | 1985-2006 | 43239 | 78.3 [56.9; 99.0] | 18.0 [13.0; 25.0] | 11.0 [7.5; 14.7] | 19.8 [12.9; 27.6] | 14.6 [5.7; 22] | 69.2 [59.6; 78.5] |
| Spartanburg | USA | 1990-2006 | 37387 | 90.9 [61.2; 118.6] | 21.0 [16.0; 28.0] | 13.1 [9.1; 18.2] | NA | 16.7 [9.3; 22.9] | 67.7 [55.3; 79.0] |
| Sarasota | USA | 1985-2006 | 151551 | 75.1 [58.7; 94.6] | 19.9 [15.6; 24.6] | 8.5 [6.0; 11.8] | 8.7 [5.5; 13.3] | 24.1 [20.1; 27.1] | 76.1 [69.3; 81.8] |
| Steubenville | USA | 1985-2006 | 21002 | 71.1 [45.3; 101.9] | 28.6 [19.6; 42.6] | 14.7 [10.4; 21.6] | 33.8 [26.2; 43.3] | 12.6 [3.6; 20.4] | 67.3 [56.5; 77.4] |
| Saint Charles | USA | 1985-2006 | 28225 | 87.5 [59.6; 114.7] | 20.0 [13.0; 28.0] | 12.3 [8.0; 17.4] | 17.0 [10.3; 25.2] | 15 [5.4; 23.2] | 65.1 [55.2; 75.3] |
| Stockton | USA | 1985-2006 | 82225 | 72.9 [49.0; 97.7] | 26.5 [18.6; 37.2] | 11.0 [7.0; 17.0] | 35.7 [26.6; 46.1] | 16.3 [11; 21.8] | 60.7 [47.7; 76.2] |
| South bend | USA | 1985-2006 | 48505 | 93.8 [74.0; 115.8] | 22.0 [14.6; 32.6] | 12.1 [7.4; 17.6] | 24.8 [18.1; 32.4] | 10.5 [1.6; 19.3] | 71.9 [63.1; 80.2] |
| St Louis | USA | 1985-2006 | 312923 | 79.8 [55.9; 106.2] | 25.5 [15.2; 39.4] | 12.7 [8.9; 18.2] | 34.8 [26.9; 44.0] | 15.6 [6.1; 23.6] | 66.5 [56.1; 76.5] |
| Stamford | USA | 1985-2006 | 142216 | 86.3 [66.5; 109.6] | 21.5 [15.6; 30.9] | 10.4 [6.5; 16.7] | 37.2 [26.2; 50.4] | 11.3 [3.5; 19.2] | 66.9 [56.1; 78.6] |
| St. Petersbur | USA | 1985-2006 | 158555 | 73.7 [57.4; 94.1] | 21.7 [17.1; 27.0] | 9.3 [6.9; 12.6] | 19.9 [12.1; 29.9] | 24.7 [20.3; 27.9] | 72.8 [65.6; 79.6] |
| State College | USA | 1996-2006 | 8609 | 92.9 [72.2; 113.4] | NA | 10.9 [6.8; 16.5] | 14.0 [9.6; 21.0] | 11.2 [2.6; 19.1] | 64.8 [54.7; 75.0] |
| Seattle | USA | 1985-2006 | 225451 | 59.0 [42.8; 77.2] | 22.7 [15.9; 32.9] | 7.9 [5.4; 11.6] | 32.3 [23.2; 42.2] | 10.7 [7.7; 14.2] | 82.3 [76.9; 86.8] |
| Tacoma | USA | 1985-2006 | 96086 | 63.5 [50.5; 78.1] | 24.3 [15.4; 38.2] | 8.4 [5.3; 13.7] | NA | 11.3 [7.3; 16.2] | 74.4 [63.6; 84.2] |
| Tampa | USA | 1985-2006 | 158555 | 75.8 [59.3; 97.1] | 24.6 [19.0; 30.5] | 10.6 [7.9; 14.3] | 15.9 [10.6; 23.3] | 23.7 [19.4; 26.9] | 74.4 [67.7; 80.2] |
| Tucson | USA | 1985-2006 | 131053 | 85.3 [67.8; 102.7] | 25.3 [18.4; 34.7] | 6.0 [4.7; 7.6] | 33.9 [25.0; 44.6] | 21.3 [14; 27.9] | 31.6 [20.7; 46.5] |
| Tallahassee | USA | 1985-2006 | 25858 | 74.4 [57.2; 97.1] | 15.6 [12.1; 20.2] | 11.6 [8.2; 16.4] | NA | 20.9 [14.7; 25.6] | 72.5 [62.6; 81.0] |
| Toledo | USA | 1985-2006 | 92004 | 81.7 [59.3; 104.9] | 20.3 [14.6; 29.4] | 12.8 [8.6; 18.7] | NA | 10.8 [1.7; 19.6] | 71.8 [63.2; 80.2] |
| Trenton | USA | 1985-2006 | 58430 | 72.0 [49.0; 105.0] | 24.0 [16.0; 33.0] | 10.1 [6.4; 15.9] | 27.6 [19.5; 37.9] | 12.7 [4.6; 20.9] | 62.3 [52.3; 73.0] |
| Terra Haute | USA | 1985-2006 | 23821 | 94.3 [74.0; 115.6] | 24.9 [17.7; 36.1] | 12.1 [8.3; 17.5] | NA | 13.1 [3.8; 21.2] | 72.9 [64.3; 80.9] |
| Tulsa | USA | 1985-2006 | 95475 | 84.4 [62.2; 109.2] | 23.6 [16.6; 32.2] | 9.7 [6.7; 13.6] | 21.2 [14.2; 29.5] | 17 [8.3; 24.5] | 64.3 [54.2; 74.8] |
| Visalia | USA | 1985-2006 | 50358 | 101.2 [67.0; 144.6] | 46.8 [32.1; 63.9] | 16.0 [10.3; 24.0] | 35.3 [27.1; 45.2] | 17.4 [11.1; 24] | 58.0 [47.7; 77.2] |
| Vancouver | USA | 1985-2006 | 37914 | 63.7 [49.0; 79.0] | 15.5 [11.0; 22.1] | 6.9 [4.7; 11.4] | 23.4 [17.2; 30.3] | 11.8 [7.3; 17.2] | 72.8 [61.8; 82.4] |
| Ventura | USA | 1985-2006 | 87603 | 95.3 [74.2; 117.6] | 28.7 [18.8; 37.0] | 11.4 [6.9; 15.4] | 23.0 [17.5; 29.8] | 16.4 [14; 18.7] | 75.5 [66.5; 81.8] |
| Wichita | USA | 1985-2006 | 68542 | 69.2 [50.0; 93.1] | 21.9 [15.2; 30.4] | 9.8 [6.7; 13.5] | 17.6 [12.4; 24.6] | 14.5 [5.4; 23.1] | 65.3 [55.2; 75.4] |
| Weber | USA | 1985-2006 | 24455 | 108.0 [94.2; 122.5] | 25.0 [16.0; 35.0] | 7.8 [5.4; 11.6] | 45.0 [32.7; 58.5] | 11.6 [3.2; 21.7] | 47.9 [32.3; 66.4] |
| Wilmington | USA | 1985-2006 | 76254 | 67.7 [44.1; 98.7] | 22.6 [16.0; 31.9] | 13.0 [8.8; 19.2] | 37.6 [24.3; 52.0] | 13.1 [5.1; 21.3] | 67.5 [57.3; 78.2] |
| Winston | USA | 1985-2006 | 52543 | 101.0 [79.1; 123.0] | 22.0 [15.7; 29.7] | 13.4 [9.0; 18.8] | 26.8 [19.4; 36.3] | 16.4 [8.7; 23] | 63.0 [50.4; 75.5] |
| Worcester | USA | 1985-2006 | 135785 | 79.4 [61.5; 101.9] | 19.1 [13.6; 28.1] | 9.4 [6.2; 14.5] | 38.3 [26.9; 51.6] | 9.1 [0.8; 17.3] | 67.2 [56.1; 79.4] |
| WDC | USA | 1985-2006 | 141028 | 56.8 [34.7; 91.5] | 25.1 [17.6; 34.9] | 13.3 [8.9; 18.9] | 44.4 [34.4; 56.0] | 14.7 [6.7; 22.8] | 65.1 [54.0; 76.1] |
| Washington | USA | 1985-2006 | 49002 | 82.6 [54.8; 110.6] | 18.0 [12.0; 27.0] | 12.6 [9.0; 18.2] | 28.8 [20.6; 38.1] | 11.8 [3.2; 19.2] | 66.5 [56.2; 75.6] |
| Youngstown | USA | 1985-2006 | 86656 | 86.8 [61.2; 114.5] | 23.0 [16.0; 33.2] | 13.6 [9.5; 19.5] | 31.6 [23.1; 43.1] | 10.6 [1.7; 18.4] | 72.7 [64.1; 81.2] |
| York | USA | 1985-2006 | 62767 | 79.9 [51.9; 111.7] | 22.2 [15.4; 31.8] | 14.7 [9.6; 21.9] | 37.7 [27.5; 48.2] | 12.2 [3.9; 20.5] | 67.2 [56.5; 77.7] |

Ozone: daily maximum 8-hour mean, µg/m3. Mean temperature, ˚C. PM10: inhalable particulate matter with an aerodynamic diameter of 10 μm or less, µg/m3. PM2.5:inhalable particulate matter with an aerodynamic diameter of 2.5 μm or less, µg/m3. NO2:nitrogen dioxide, µg/m3. IQR: interquartile range. Relative humidity, in %.

**eTable 3.** Overall and country-specific excess mortality fractions (%, 95% confidence interval) associated to ozone for the total (above 70 µg/m3)and above specific thresholds consistent with current air quality standards (AQS).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Total\***  **(Above 70 µg/m3)** | **Above WHO AQS (100 µg/m3)** | **Above EU AQS (120 µg/m3)** | **Above NAAQS in the US (140 µg/m3)** | **Above CAAQS in China (160 µg/m3)** |
| Australia\*\* | 0.00 [0.00; 0.00] | 0.00 [0.00; 0.00] | 0.00 [0.00; 0.00] | 0.00 [0.00; 0.00] | 0.00 [0.00; 0.00] |
| Canada | 0.34 [0.29; 0.41] | 0.24 [0.18; 0.30] | 0.16 [0.10; 0.23] | 0.11 [0.04; 0.18] | 0.07 [-0.01; 0.14] |
| China | 0.22 [0.04; 0.39] | 0.19 [0.00; 0.36] | 0.14 [-0.05; 0.32] | 0.10 [-0.11; 0.29] | 0.06 [-0.15; 0.26] |
| Czech Republic | 0.27 [0.02; 0.48] | 0.20 [-0.06; 0.44] | 0.12 [-0.16; 0.39] | 0.06 [-0.24; 0.34] | 0.03 [-0.30; 0.34] |
| Estonia | 0.02 [0.01; 0.03] | 0.00 [-0.01; 0.01] | 0.00 [-0.01; 0.01] | 0.00 [-0.01; 0.01] | 0.00 [-0.01; 0.01] |
| France | 0.20 [0.15; 0.25] | 0.14 [0.09; 0.19] | 0.08 [0.02; 0.13] | 0.04 [-0.02; 0.10] | 0.02 [-0.05; 0.08] |
| Germany | 0.12 [0.09; 0.15] | 0.08 [0.05; 0.11] | 0.05 [0.01; 0.08] | 0.02 [-0.02; 0.06] | 0.01 [-0.03; 0.05] |
| Greece | 0.16 [-0.07; 0.41] | 0.11 [-0.13; 0.37] | 0.04 [-0.27; 0.33] | 0.01 [-0.31; 0.34] | 0.00 [-0.33; 0.35] |
| Italy | 0.27 [0.13; 0.42] | 0.19 [0.04; 0.35] | 0.09 [-0.08; 0.27] | 0.03 [-0.15; 0.23] | 0.01 [-0.20; 0.21] |
| Japan | 0.31 [0.27; 0.35] | 0.21 [0.17; 0.26] | 0.12 [0.08; 0.16] | 0.05 [0.00; 0.10] | 0.02 [-0.03; 0.07] |
| Mexico | 0.55 [0.16; 0.94] | 0.52 [0.14; 0.92] | 0.48 [0.09; 0.87] | 0.42 [0.03; 0.81] | 0.35 [-0.07; 0.75] |
| Portugal | 0.08 [0.00; 0.16] | 0.04 [-0.05; 0.13] | 0.02 [-0.09; 0.11] | 0.01 [-0.10; 0.11] | 0.00 [-0.11; 0.12] |
| South Africa | 0.28 [0.20; 0.35] | 0.18 [0.11; 0.26] | 0.10 [0.01; 0.19] | 0.04 [-0.05; 0.15] | 0.02 [-0.09; 0.13] |
| South Korea | 0.12 [0.08; 0.16] | 0.08 [0.04; 0.12] | 0.04 [-0.01; 0.09] | 0.02 [-0.03; 0.07] | 0.01 [-0.04; 0.06] |
| Spain | 0.04 [0.02; 0.06] | 0.02 [-0.01; 0.04] | 0.00 [-0.03; 0.03] | 0.00 [-0.03; 0.03] | 0.00 [-0.03; 0.03] |
| Sweden | 0.10 [0.02; 0.18] | 0.03 [-0.07; 0.13] | 0.01 [-0.11; 0.12] | 0.00 [-0.12; 0.12] | 0.00 [-0.11; 0.11] |
| Switzerland | 0.31 [0.21; 0.41] | 0.23 [0.12; 0.34] | 0.15 [0.03; 0.27] | 0.08 [-0.05; 0.21] | 0.04 [-0.11; 0.18] |
| Taiwan | 0.41 [0.13; 0.68] | 0.37 [0.08; 0.64] | 0.29 [0.00; 0.58] | 0.21 [-0.09; 0.51] | 0.14 [-0.20; 0.47] |
| UK | 0.09 [0.08; 0.10] | 0.05 [0.03; 0.06] | 0.03 [0.01; 0.04] | 0.01 [0.00; 0.03] | 0.01 [-0.01; 0.02] |
| USA | 0.29 [0.28; 0.31] | 0.23 [0.22; 0.25] | 0.16 [0.14; 0.17] | 0.09 [0.08; 0.11] | 0.05 [0.03; 0.07] |
| Overall | 0.26 [0.24; 0.28] | 0.20 [0.18; 0.22] | 0.14 [0.12; 0.16] | 0.09 [0.07; 0.11] | 0.05 [0.03; 0.07] |

\*Total refers to ozone-related deaths when levels above 70 µg/m3 (defined as maximum background levels).

\*\*No mortality fractions associated to ozone were found in Australia, as daily ozone levels were below the maximum background level set up at 70 µg/m3.

AQS: air quality standards; WHO: World Health Organization; EU: European Union; NAAQS: National Ambient Air Quality Standard; CAAQS: Chinese Ambient Air Quality Standard

**eTable 4.** Overall and country-specific excess mortality fractions (and 95% confidence interval) associated to ozone between specific thresholds consistent with current air quality standards.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Between 70 to 100 µg/m3** | **Between 100 to 120 µg/m3** | **Between 120 to 140 µg/m3** | **Between 140 to 160 µg/m3** | **Above 160 µg/m3** |
| Australia\* | 0 [0;0] | 0 [0;0] | 0 [0;0] | 0 [0;0] | 0 [0;0] |
| Canada | 0.11 [0.09;0.12] | 0.08 [0.05;0.11] | 0.05 [0.01;0.1] | 0.04 [-0.02;0.1] | 0.07 [-0.01;0.14] |
| China | 0.04 [0.01;0.06] | 0.04 [-0.02;0.11] | 0.04 [-0.07;0.15] | 0.04 [-0.11;0.17] | 0.06 [-0.15;0.26] |
| Czech Republic | 0.06 [0.01;0.12] | 0.08 [-0.07;0.21] | 0.06 [-0.14;0.28] | 0.03 [-0.24;0.32] | 0.03 [-0.30;0.34] |
| Estonia | 0.02 [0.01;0.03] | 0.00 [-0.01;0.01] | 0.00 [-0.01;0.01] | 0.00 [-0.01;0.01] | 0.00 [-0.01;0.01] |
| France | 0.06 [0.05;0.08] | 0.06 [0.03;0.09] | 0.04 [-0.01;0.08] | 0.02 [-0.03;0.08] | 0.02 [-0.05;0.08] |
| Germany | 0.04 [0.03;0.05] | 0.04 [0.01;0.06] | 0.02 [-0.01;0.06] | 0.01 [-0.02;0.05] | 0.01 [-0.03;0.05] |
| Greece | 0.05 [-0.03;0.13] | 0.07 [-0.12;0.28] | 0.03 [-0.27;0.30] | 0.01 [-0.31;0.34] | 0.00 [-0.33;0.35] |
| Italy | 0.08 [0.04;0.12] | 0.10 [-0.01;0.21] | 0.06 [-0.10;0.23] | 0.02 [-0.17;0.20] | 0.01 [-0.20;0.21] |
| Japan | 0.10 [0.09;0.11] | 0.09 [0.07;0.12] | 0.07 [0.03;0.11] | 0.03 [-0.02;0.08] | 0.02 [-0.03;0.07] |
| Mexico | 0.02 [0.01;0.03] | 0.04 [0.01;0.07] | 0.06 [-0.01;0.13] | 0.07 [-0.06;0.21] | 0.35 [-0.07;0.75] |
| Portugal | 0.04 [0.00;0.09] | 0.02 [-0.06;0.10] | 0.01 [-0.09;0.11] | 0.00 [-0.10;0.12] | 0.00 [-0.11;0.12] |
| South Africa | 0.09 [0.07;0.12] | 0.08 [0.03;0.13] | 0.06 [-0.03;0.14] | 0.03 [-0.07;0.12] | 0.02 [-0.09;0.13] |
| South Korea | 0.04 [0.03;0.06] | 0.04 [0.01;0.07] | 0.02 [-0.02;0.07] | 0.01 [-0.04;0.06] | 0.01 [-0.04;0.06] |
| Spain | 0.02 [0.01;0.04] | 0.01 [-0.01;0.03] | 0.00 [-0.03;0.03] | 0.00 [-0.03;0.03] | 0.00 [-0.03;0.03] |
| Sweden | 0.07 [0.01;0.13] | 0.03 [-0.07;0.13] | 0.01 [-0.11;0.12] | 0.00 [-0.11;0.12] | 0.00 [-0.11;0.11] |
| Switzerland | 0.08 [0.05;0.10] | 0.08 [0.02;0.14] | 0.07 [-0.03;0.16] | 0.04 [-0.08;0.16] | 0.04 [-0.11;0.18] |
| Taiwan | 0.05 [0.01;0.08] | 0.07 [-0.03;0.16] | 0.08 [-0.09;0.25] | 0.08 [-0.16;0.31] | 0.14 [-0.20;0.47] |
| UK | 0.04 [0.04;0.05] | 0.02 [0.01;0.03] | 0.02 [0.00;0.03] | 0.01 [-0.01;0.03] | 0.01 [-0.01;0.02] |
| USA | 0.06 [0.06;0.06] | 0.07 [0.07;0.08] | 0.06 [0.05;0.08] | 0.04 [0.03;0.06] | 0.05 [0.03;0.07] |
| Overall | 0.06 [0.06;0.06] | 0.06 [0.06;0.07] | 0.05 [0.04;0.06] | 0.04 [0.02;0.05] | 0.05 [0.03;0.07] |

\*No mortality fractions associated to ozone were found in Australia, as daily ozone levels were below 70 µg/m3

**eTable 5.** Excess mortality associated to ozone for the total (above 70 µg/m3)and above WHO guideline of 100 µg/m3 in the 406 cities.

| **City** | **Country** | **Total (Above 70 µg/m3)\*** | | **Above WHO Guideline (100 µg/m3)** | |
| --- | --- | --- | --- | --- | --- |
| **Excess fraction**  **(%, 95% CI)** | **Annual excess deaths**  **(N, 95% CI)** | **Excess fraction**  **(%, 95% CI)** | **Annual excess deaths**  **(N, 95% CI)** |
| Brisbane | Australia | 0 [0; 0] | 0 [0; 0] | 0 [0; 0] | 0 [0; 0] |
| Melbourne | Australia | 0 [0; 0] | 0 [0; 0] | 0 [0; 0] | 0 [0; 0] |
| Sydney | Australia | 0 [0; 0] | 0 [0; 0] | 0 [0; 0] | 0 [0; 0] |
| Abbotsford | Canada | 0.18 [0.11; 0.25] | 2 [1; 3] | 0.09 [0.01; 0.17] | 1 [0; 2] |
| Calgary | Canada | 0.3 [0.18; 0.42] | 16 [9; 22] | 0.14 [0.01; 0.28] | 8 [1; 15] |
| Edmonton | Canada | 0.28 [0.18; 0.4] | 17 [11; 25] | 0.16 [0.05; 0.29] | 10 [3; 18] |
| Halifax | Canada | 0.12 [0.07; 0.16] | 3 [2; 5] | 0.05 [-0.01; 0.1] | 1 [0; 3] |
| Hamilton | Canada | 0.4 [0.25; 0.56] | 18 [11; 26] | 0.31 [0.15; 0.48] | 14 [7; 22] |
| Kingston | Canada | 0.33 [0.19; 0.46] | 5 [3; 7] | 0.24 [0.1; 0.37] | 4 [2; 6] |
| Kitchener-Waterloo | Canada | 0.37 [0.22; 0.52] | 11 [6; 15] | 0.27 [0.11; 0.43] | 8 [3; 12] |
| London Ontario | Canada | 0.36 [0.21; 0.5] | 14 [8; 20] | 0.28 [0.12; 0.42] | 11 [4; 16] |
| Montreal | Canada | 0.41 [0.24; 0.58] | 45 [27; 65] | 0.28 [0.11; 0.46] | 31 [12; 51] |
| Niagara | Canada | 0.48 [0.29; 0.66] | 19 [11; 26] | 0.39 [0.2; 0.58] | 16 [8; 23] |
| Oakville | Canada | 0.37 [0.22; 0.53] | 9 [5; 13] | 0.28 [0.12; 0.44] | 6 [3; 10] |
| Oshawa | Canada | 0.3 [0.18; 0.43] | 9 [5; 12] | 0.2 [0.07; 0.33] | 6 [2; 10] |
| Ottawa | Canada | 0.22 [0.13; 0.32] | 12 [7; 18] | 0.13 [0.03; 0.24] | 7 [2; 13] |
| Regina | Canada | 0.08 [0.05; 0.11] | 2 [1; 2] | 0.03 [-0.01; 0.07] | 1 [0; 1] |
| Sarnia | Canada | 0.45 [0.26; 0.64] | 5 [3; 7] | 0.35 [0.15; 0.53] | 4 [2; 6] |
| Sudbury | Canada | 0.28 [0.16; 0.39] | 5 [3; 6] | 0.17 [0.04; 0.28] | 3 [1; 5] |
| Saint John NB | Canada | 0.24 [0.14; 0.34] | 4 [2; 6] | 0.1 [-0.01; 0.21] | 2 [0; 4] |
| St. John's NFL | Canada | 0.08 [0.05; 0.11] | 2 [1; 2] | 0.02 [-0.02; 0.06] | 0 [0; 1] |
| Sault Ste. Marie | Canada | 0.24 [0.14; 0.33] | 3 [2; 4] | 0.13 [0.02; 0.23] | 2 [0; 3] |
| Saskatoon | Canada | 0.08 [0.05; 0.12] | 2 [1; 3] | 0.02 [-0.02; 0.06] | 0 [0; 1] |
| Thunder Bay | Canada | 0.14 [0.08; 0.2] | 2 [1; 3] | 0.05 [-0.02; 0.12] | 1 [0; 2] |
| Toronto | Canada | 0.59 [0.34; 0.85] | 159 [90; 228] | 0.48 [0.22; 0.73] | 128 [59; 197] |
| Victoria | Canada | 0.13 [0.08; 0.18] | 4 [3; 6] | 0.03 [-0.03; 0.1] | 1 [-1; 3] |
| Vancouver | Canada | 0.21 [0.13; 0.3] | 28 [17; 40] | 0.1 [0.01; 0.2] | 13 [1; 26] |
| Windsor | Canada | 0.42 [0.25; 0.59] | 11 [6; 15] | 0.35 [0.17; 0.52] | 9 [4; 14] |
| Winnipeg | Canada | 0.16 [0.09; 0.23] | 11 [6; 15] | 0.07 [-0.01; 0.15] | 5 [0; 10] |
| Hong Kong | China | 0.02 [0; 0.03] | 6 [1; 11] | 0.01 [-0.01; 0.02] | 2 [-3; 8] |
| Shanghai | China | 0.32 [0.04; 0.57] | 117 [15; 209] | 0.27 [-0.01; 0.53] | 99 [-4; 195] |
| Suzhou | China | 0.15 [0.02; 0.26] | 25 [4; 44] | 0.12 [-0.01; 0.23] | 19 [-2; 39] |
| Prague | Czech Republic | 0.27 [0.02; 0.48] | 38 [3; 69] | 0.2 [-0.06; 0.44] | 29 [-9; 63] |
| Kohtla-Järve linn | Estonia | 0.06 [0.02; 0.1] | 1 [0; 1] | 0.01 [-0.04; 0.06] | 0 [0; 1] |
| Narva linn | Estonia | 0.03 [0.01; 0.05] | 0 [0; 1] | 0 [-0.03; 0.03] | 0 [0; 0] |
| Tallinn | Estonia | 0.01 [0; 0.02] | 1 [0; 1] | 0 [-0.01; 0.01] | 0 [-1; 1] |
| Tartu linn | Estonia | 0.02 [0; 0.04] | 0 [0; 0] | 0 [-0.02; 0.02] | 0 [0; 0] |
| Bordeaux | France | 0.2 [0.07; 0.32] | 10 [4; 17] | 0.12 [-0.01; 0.25] | 6 [-1; 14] |
| Clermont-Ferrand | France | 0.24 [0.09; 0.42] | 5 [2; 8] | 0.15 [-0.02; 0.34] | 3 [0; 6] |
| Dijon | France | 0.21 [0.07; 0.35] | 4 [1; 7] | 0.14 [0; 0.29] | 3 [0; 5] |
| Grenoble | France | 0.26 [0.09; 0.42] | 8 [3; 14] | 0.19 [0.01; 0.35] | 6 [0; 12] |
| Le Havre | France | 0.14 [0.05; 0.22] | 3 [1; 5] | 0.06 [-0.04; 0.16] | 1 [-1; 4] |
| Lille | France | 0.12 [0.05; 0.2] | 11 [4; 18] | 0.08 [-0.01; 0.16] | 7 [-1; 14] |
| Lens-Douai | France | 0.12 [0.04; 0.2] | 4 [1; 7] | 0.07 [-0.02; 0.15] | 3 [-1; 6] |
| Lyon | France | 0.24 [0.09; 0.4] | 19 [7; 31] | 0.17 [0.01; 0.34] | 13 [1; 26] |
| Montpellier | France | 0.33 [0.12; 0.55] | 9 [3; 15] | 0.23 [0; 0.46] | 6 [0; 12] |
| Marseille | France | 0.32 [0.09; 0.54] | 31 [9; 52] | 0.23 [0; 0.47] | 22 [0; 45] |
| Nice | France | 0.43 [0.15; 0.7] | 23 [8; 37] | 0.35 [0.07; 0.64] | 18 [4; 33] |
| Nancy | France | 0.18 [0.06; 0.29] | 5 [2; 8] | 0.12 [0; 0.24] | 3 [0; 7] |
| Nantes | France | 0.19 [0.06; 0.31] | 8 [2; 14] | 0.11 [-0.04; 0.24] | 5 [-2; 11] |
| Paris | France | 0.15 [0.05; 0.26] | 70 [24; 119] | 0.11 [0; 0.21] | 48 [0; 96] |
| Rennes | France | 0.14 [0.05; 0.23] | 2 [1; 4] | 0.07 [-0.02; 0.17] | 1 [0; 3] |
| Rouen | France | 0.14 [0.04; 0.24] | 6 [2; 10] | 0.08 [-0.03; 0.18] | 3 [-1; 8] |
| Strasbourg | France | 0.22 [0.08; 0.37] | 8 [3; 13] | 0.17 [0.02; 0.32] | 6 [1; 11] |
| Toulouse | France | 0.25 [0.08; 0.42] | 12 [4; 21] | 0.16 [-0.02; 0.33] | 8 [-1; 16] |
| Berlin | Germany | 0.12 [0.04; 0.2] | 46 [14; 74] | 0.08 [-0.01; 0.17] | 30 [-3; 62] |
| Bremen | Germany | 0.1 [0.03; 0.16] | 7 [2; 11] | 0.06 [-0.01; 0.13] | 4 [-1; 9] |
| Dresden | Germany | 0.15 [0.06; 0.25] | 9 [3; 14] | 0.1 [0; 0.2] | 6 [0; 12] |
| Dortmund | Germany | 0.11 [0.04; 0.19] | 8 [3; 13] | 0.08 [0; 0.16] | 6 [0; 11] |
| Duesseldorf | Germany | 0.11 [0.03; 0.19] | 8 [2; 14] | 0.08 [0; 0.16] | 6 [0; 12] |
| Frankfurt | Germany | 0.12 [0.04; 0.2] | 9 [3; 16] | 0.08 [0.01; 0.17] | 6 [0; 13] |
| Hamburg | Germany | 0.08 [0.03; 0.13] | 16 [5; 26] | 0.04 [-0.02; 0.1] | 8 [-3; 20] |
| Hannover | Germany | 0.13 [0.04; 0.22] | 17 [5; 28] | 0.09 [-0.01; 0.18] | 11 [-1; 23] |
| Koeln | Germany | 0.13 [0.05; 0.21] | 13 [5; 22] | 0.09 [0.01; 0.19] | 10 [1; 19] |
| Leipzig | Germany | 0.16 [0.05; 0.27] | 11 [4; 19] | 0.11 [0; 0.22] | 8 [0; 15] |
| Muenchen | Germany | 0.14 [0.04; 0.23] | 18 [5; 30] | 0.09 [-0.01; 0.19] | 12 [-2; 25] |
| Stuttgart | Germany | 0.17 [0.06; 0.28] | 10 [4; 17] | 0.12 [0.01; 0.24] | 8 [1; 15] |
| Athens | Greece | 0.16 [-0.07; 0.41] | 52 [-23; 132] | 0.11 [-0.13; 0.37] | 35 [-42; 117] |
| Cagliari | Italy | 0.04 [0.01; 0.08] | 1 [0; 1] | 0 [-0.05; 0.06] | 0 [-1; 1] |
| Florence | Italy | 0.32 [0.03; 0.58] | 16 [2; 28] | 0.25 [-0.03; 0.52] | 12 [-1; 25] |
| Frosinone | Italy | 0.4 [0.07; 0.72] | 2 [0; 3] | 0.32 [-0.02; 0.66] | 1 [0; 3] |
| Genoa | Italy | 0.29 [0.04; 0.52] | 27 [4; 49] | 0.21 [-0.04; 0.46] | 20 [-4; 44] |
| Latina | Italy | 0.25 [0.04; 0.47] | 2 [0; 5] | 0.14 [-0.09; 0.38] | 1 [-1; 4] |
| Milan | Italy | 0.24 [0.03; 0.46] | 33 [4; 61] | 0.19 [-0.02; 0.41] | 26 [-2; 55] |
| Rieti | Italy | 0.28 [0.04; 0.51] | 1 [0; 2] | 0.2 [-0.06; 0.45] | 1 [0; 2] |
| Rome | Italy | 0.27 [0.05; 0.52] | 69 [13; 132] | 0.19 [-0.05; 0.44] | 48 [-12; 111] |
| Trieste | Italy | 0.32 [0.03; 0.58] | 10 [1; 19] | 0.21 [-0.09; 0.49] | 7 [-3; 16] |
| Aikita | Japan | 0.35 [0.18; 0.53] | 15 [8; 23] | 0.21 [0.02; 0.4] | 9 [1; 17] |
| Aomori | Japan | 0.23 [0.12; 0.35] | 10 [5; 15] | 0.12 [-0.01; 0.25] | 5 [0; 11] |
| Chiba | Japan | 0.3 [0.15; 0.46] | 29 [14; 44] | 0.21 [0.05; 0.37] | 20 [5; 35] |
| Fukushima | Japan | 0.26 [0.13; 0.39] | 10 [5; 15] | 0.16 [0.01; 0.31] | 6 [0; 12] |
| Fukuoka | Japan | 0.37 [0.18; 0.56] | 50 [25; 75] | 0.26 [0.06; 0.45] | 35 [8; 60] |
| Fukui | Japan | 0.42 [0.2; 0.64] | 14 [7; 21] | 0.3 [0.08; 0.52] | 10 [3; 18] |
| Gifu | Japan | 0.38 [0.19; 0.58] | 20 [10; 30] | 0.28 [0.09; 0.48] | 14 [5; 25] |
| Hiroshima | Japan | 0.37 [0.19; 0.55] | 44 [23; 66] | 0.26 [0.08; 0.45] | 32 [10; 54] |
| Kagoshima | Japan | 0.2 [0.1; 0.3] | 15 [7; 22] | 0.1 [-0.02; 0.21] | 7 [-1; 15] |
| Kumamoto | Japan | 0.39 [0.21; 0.59] | 32 [17; 48] | 0.28 [0.1; 0.49] | 23 [8; 40] |
| Kanazawa | Japan | 0.44 [0.23; 0.65] | 23 [12; 34] | 0.3 [0.07; 0.5] | 16 [4; 27] |
| Kobe | Japan | 0.33 [0.16; 0.5] | 61 [30; 91] | 0.23 [0.07; 0.4] | 43 [12; 74] |
| Kochi | Japan | 0.34 [0.17; 0.5] | 15 [8; 22] | 0.21 [0.03; 0.39] | 9 [2; 17] |
| Kofu | Japan | 0.37 [0.18; 0.56] | 10 [5; 15] | 0.27 [0.07; 0.46] | 7 [2; 12] |
| Kyoto | Japan | 0.36 [0.18; 0.54] | 62 [30; 93] | 0.25 [0.07; 0.44] | 44 [12; 75] |
| Matsue | Japan | 0.52 [0.27; 0.78] | 14 [7; 22] | 0.37 [0.11; 0.64] | 10 [3; 18] |
| Maebashi | Japan | 0.47 [0.24; 0.7] | 21 [11; 30] | 0.37 [0.13; 0.62] | 16 [6; 27] |
| Mito | Japan | 0.36 [0.17; 0.55] | 11 [6; 17] | 0.25 [0.05; 0.44] | 8 [2; 14] |
| Morioka | Japan | 0.21 [0.11; 0.32] | 7 [4; 11] | 0.12 [0; 0.23] | 4 [0; 8] |
| Matsuyama | Japan | 0.27 [0.14; 0.41] | 17 [9; 26] | 0.17 [0.03; 0.31] | 11 [2; 19] |
| Nagano | Japan | 0.3 [0.15; 0.44] | 15 [7; 22] | 0.19 [0.05; 0.34] | 9 [2; 17] |
| Nagoya | Japan | 0.36 [0.19; 0.54] | 90 [47; 136] | 0.26 [0.07; 0.44] | 65 [18; 111] |
| Naha | Japan | 0.17 [0.09; 0.26] | 5 [3; 8] | 0.08 [-0.01; 0.17] | 2 [0; 5] |
| Nara | Japan | 0.35 [0.18; 0.52] | 15 [7; 22] | 0.24 [0.07; 0.42] | 10 [3; 18] |
| Nagasaki | Japan | 0.28 [0.14; 0.41] | 17 [8; 25] | 0.17 [0.02; 0.31] | 10 [1; 19] |
| Niigata | Japan | 0.36 [0.19; 0.52] | 36 [19; 53] | 0.21 [0.04; 0.4] | 22 [4; 40] |
| Oita | Japan | 0.22 [0.12; 0.33] | 11 [6; 16] | 0.12 [0; 0.24] | 6 [0; 12] |
| Okayama | Japan | 0.31 [0.16; 0.45] | 25 [12; 36] | 0.21 [0.06; 0.37] | 17 [5; 29] |
| Osaka | Japan | 0.31 [0.16; 0.47] | 104 [53; 158] | 0.22 [0.06; 0.39] | 74 [20; 131] |
| Otsu | Japan | 0.38 [0.18; 0.58] | 13 [6; 20] | 0.27 [0.06; 0.47] | 9 [2; 16] |
| Saga | Japan | 0.39 [0.2; 0.58] | 12 [6; 18] | 0.28 [0.09; 0.47] | 9 [3; 15] |
| Saitama | Japan | 0.37 [0.19; 0.55] | 44 [23; 65] | 0.28 [0.1; 0.47] | 33 [11; 55] |
| Sendai | Japan | 0.26 [0.13; 0.39] | 27 [13; 40] | 0.16 [0.01; 0.3] | 16 [1; 30] |
| Shizuoka | Japan | 0.38 [0.18; 0.56] | 35 [16; 52] | 0.28 [0.07; 0.47] | 26 [6; 44] |
| Sapporo | Japan | 0.14 [0.08; 0.21] | 30 [16; 44] | 0.06 [-0.02; 0.14] | 13 [-4; 30] |
| Takamatsu | Japan | 0.3 [0.14; 0.46] | 16 [8; 24] | 0.19 [0.02; 0.35] | 10 [1; 18] |
| Tokushima | Japan | 0.37 [0.19; 0.54] | 13 [6; 19] | 0.27 [0.08; 0.45] | 9 [3; 16] |
| Tokyo | Japan | 0.27 [0.14; 0.4] | 249 [127; 371] | 0.18 [0.04; 0.32] | 170 [40; 304] |
| Toyama | Japan | 0.4 [0.2; 0.59] | 22 [11; 33] | 0.27 [0.06; 0.47] | 15 [3; 26] |
| Tsu | Japan | 0.42 [0.21; 0.62] | 16 [8; 23] | 0.31 [0.08; 0.51] | 12 [3; 19] |
| Utsunomiya | Japan | 0.38 [0.21; 0.57] | 21 [11; 31] | 0.29 [0.1; 0.48] | 16 [6; 26] |
| Wakayama | Japan | 0.37 [0.2; 0.55] | 20 [11; 30] | 0.27 [0.09; 0.46] | 14 [5; 25] |
| Yokohama | Japan | 0.3 [0.16; 0.44] | 111 [60; 162] | 0.23 [0.09; 0.38] | 86 [31; 140] |
| Yamaguchi | Japan | 0.33 [0.16; 0.48] | 9 [4; 13] | 0.22 [0.05; 0.39] | 6 [1; 10] |
| Yamagata | Japan | 0.3 [0.16; 0.45] | 10 [5; 15] | 0.19 [0.04; 0.35] | 6 [1; 12] |
| Busan | South Korea | 0.12 [0.02; 0.21] | 25 [5; 42] | 0.07 [-0.04; 0.17] | 13 [-9; 33] |
| Daegu | South Korea | 0.18 [0.05; 0.3] | 22 [7; 38] | 0.13 [0.01; 0.26] | 16 [1; 32] |
| Daejeon | South Korea | 0.15 [0.03; 0.26] | 10 [2; 17] | 0.11 [0; 0.22] | 7 [0; 14] |
| Gwangju | South Korea | 0.14 [0.04; 0.25] | 9 [3; 16] | 0.1 [-0.01; 0.2] | 6 [-1; 13] |
| Incheon | South Korea | 0.12 [0.04; 0.2] | 14 [4; 24] | 0.07 [-0.02; 0.16] | 9 [-2; 20] |
| Seoul | South Korea | 0.1 [0.03; 0.17] | 41 [13; 71] | 0.06 [-0.01; 0.14] | 27 [-3; 58] |
| Ulsan | South Korea | 0.14 [0.05; 0.24] | 6 [2; 11] | 0.09 [-0.02; 0.2] | 4 [-1; 9] |
| Guadalajara | Mexico | 0.42 [0.04; 0.8] | 93 [10; 179] | 0.38 [0.01; 0.78] | 85 [2; 173] |
| Leon | Mexico | 0.32 [0.01; 0.62] | 25 [1; 48] | 0.28 [-0.04; 0.58] | 22 [-3; 45] |
| Monterrey | Mexico | 0.25 [0.01; 0.48] | 45 [3; 87] | 0.2 [-0.03; 0.44] | 37 [-6; 80] |
| Puebla-Tlaxcala | Mexico | 0.23 [0.01; 0.45] | 30 [2; 59] | 0.19 [-0.03; 0.42] | 25 [-4; 55] |
| Tijuana | Mexico | 0.09 [0; 0.17] | 6 [0; 11] | 0.04 [-0.06; 0.14] | 2 [-4; 9] |
| Toluca de Lerdo | Mexico | 0.33 [0.01; 0.69] | 27 [1; 57] | 0.3 [-0.03; 0.66] | 24 [-2; 54] |
| Valley of Mexico | Mexico | 0.73 [0.04; 1.38] | 707 [39; 1339] | 0.72 [0.02; 1.36] | 694 [22; 1317] |
| Lisboa | Portugal | 0.09 [-0.03; 0.2] | 20 [-6; 45] | 0.04 [-0.09; 0.17] | 9 [-20; 39] |
| Porto | Portugal | 0.07 [-0.02; 0.15] | 10 [-3; 23] | 0.03 [-0.06; 0.12] | 5 [-10; 19] |
| City of Johannesburg | South Africa | 0.32 [0.15; 0.49] | 121 [59; 187] | 0.22 [0.05; 0.39] | 82 [19; 148] |
| eThekwini | South Africa | 0.14 [0.06; 0.22] | 56 [25; 85] | 0.08 [0; 0.17] | 33 [0; 66] |
| Gert Sibande | South Africa | 0.54 [0.27; 0.83] | 79 [39; 121] | 0.37 [0.08; 0.68] | 54 [11; 99] |
| Nkangala | South Africa | 0.43 [0.22; 0.68] | 65 [32; 101] | 0.33 [0.1; 0.58] | 50 [15; 87] |
| Sedibeng | South Africa | 0.33 [0.15; 0.5] | 43 [20; 64] | 0.19 [-0.01; 0.37] | 24 [-2; 48] |
| A Coruna | Spain | 0.03 [-0.04; 0.1] | 1 [-1; 3] | 0.01 [-0.07; 0.1] | 0 [-2; 2] |
| Albacete | Spain | 0.1 [-0.13; 0.35] | 1 [-2; 4] | 0.07 [-0.19; 0.33] | 1 [-2; 4] |
| Alicante | Spain | 0.06 [-0.08; 0.18] | 2 [-2; 5] | 0.01 [-0.17; 0.18] | 0 [-5; 5] |
| Almeria | Spain | 0.07 [-0.08; 0.23] | 1 [-1; 3] | 0.03 [-0.15; 0.23] | 0 [-2; 3] |
| Avila | Spain | 0.04 [-0.06; 0.13] | 0 [0; 1] | 0.01 [-0.11; 0.11] | 0 [-1; 1] |
| Badajoz | Spain | 0.02 [-0.02; 0.06] | 0 [0; 1] | 0 [-0.05; 0.05] | 0 [-1; 1] |
| Bilbao | Spain | 0.01 [-0.02; 0.04] | 0 [-1; 2] | 0 [-0.04; 0.04] | 0 [-1; 2] |
| Barcelona | Spain | 0.02 [-0.03; 0.08] | 4 [-5; 13] | 0 [-0.07; 0.07] | 1 [-11; 13] |
| Burgos | Spain | 0.07 [-0.09; 0.25] | 1 [-2; 4] | 0.04 [-0.15; 0.23] | 1 [-2; 4] |
| Cadiz | Spain | 0.08 [-0.11; 0.27] | 1 [-1; 4] | 0.04 [-0.17; 0.25] | 0 [-2; 3] |
| Caceres | Spain | 0.02 [-0.02; 0.05] | 0 [0; 0] | 0 [-0.04; 0.05] | 0 [0; 0] |
| Ciudad Real | Spain | 0.1 [-0.15; 0.32] | 1 [-1; 2] | 0.06 [-0.19; 0.3] | 0 [-1; 2] |
| Ceuta | Spain | 0.09 [-0.11; 0.29] | 0 [-1; 2] | 0.05 [-0.17; 0.27] | 0 [-1; 1] |
| Cordoba | Spain | 0.06 [-0.08; 0.2] | 2 [-2; 5] | 0.02 [-0.15; 0.19] | 0 [-4; 5] |
| Castellon | Spain | 0.01 [-0.01; 0.04] | 0 [0; 0] | 0 [-0.04; 0.04] | 0 [0; 1] |
| Cuenca | Spain | 0.09 [-0.12; 0.29] | 1 [-1; 2] | 0.06 [-0.16; 0.27] | 0 [-1; 2] |
| Guadalajara | Spain | 0.11 [-0.15; 0.39] | 1 [-1; 2] | 0.09 [-0.18; 0.37] | 1 [-1; 2] |
| Granada | Spain | 0.05 [-0.07; 0.15] | 1 [-2; 3] | 0.01 [-0.12; 0.13] | 0 [-3; 3] |
| Huesca | Spain | 0.09 [-0.1; 0.32] | 1 [-1; 2] | 0.06 [-0.14; 0.31] | 0 [-1; 2] |
| Jaen | Spain | 0.12 [-0.14; 0.41] | 1 [-1; 4] | 0.09 [-0.19; 0.39] | 1 [-2; 4] |
| Leon | Spain | 0.03 [-0.04; 0.1] | 0 [-1; 1] | 0.01 [-0.08; 0.09] | 0 [-1; 1] |
| Lleida | Spain | 0.07 [-0.09; 0.21] | 1 [-1; 3] | 0.04 [-0.12; 0.19] | 0 [-1; 2] |
| Lugo | Spain | 0.02 [-0.03; 0.08] | 0 [0; 1] | 0.01 [-0.06; 0.07] | 0 [-1; 1] |
| Malaga | Spain | 0.06 [-0.09; 0.21] | 3 [-4; 10] | 0.02 [-0.17; 0.21] | 1 [-8; 10] |
| Madrid | Spain | 0.03 [-0.04; 0.11] | 9 [-12; 31] | 0.01 [-0.07; 0.1] | 3 [-21; 27] |
| Melilla | Spain | 0.1 [-0.12; 0.34] | 0 [-1; 2] | 0.08 [-0.15; 0.33] | 0 [-1; 2] |
| Murcia | Spain | 0.08 [-0.1; 0.27] | 3 [-3; 9] | 0.05 [-0.15; 0.26] | 2 [-5; 9] |
| Ourense | Spain | 0.05 [-0.07; 0.16] | 1 [-1; 2] | 0.03 [-0.11; 0.15] | 0 [-1; 2] |
| Oviedo | Spain | 0.02 [-0.03; 0.08] | 1 [-1; 2] | 0.01 [-0.06; 0.07] | 0 [-1; 2] |
| Palmas G. Canaria | Spain | 0 [0; 0.01] | 0 [0; 0] | 0 [-0.01; 0.01] | 0 [0; 0] |
| Palma Mallorca | Spain | 0.04 [-0.05; 0.13] | 1 [-1; 4] | 0.01 [-0.1; 0.12] | 0 [-3; 4] |
| Palencia | Spain | 0.03 [-0.04; 0.09] | 0 [0; 1] | 0 [-0.08; 0.09] | 0 [-1; 1] |
| Pamplona | Spain | 0.04 [-0.04; 0.11] | 1 [-1; 2] | 0.01 [-0.08; 0.11] | 0 [-1; 2] |
| Segovia | Spain | 0.04 [-0.06; 0.13] | 0 [0; 1] | 0.01 [-0.12; 0.13] | 0 [-1; 1] |
| Salamanca | Spain | 0.02 [-0.03; 0.08] | 0 [0; 1] | 0 [-0.06; 0.08] | 0 [-1; 1] |
| San Sebastian | Spain | 0.02 [-0.02; 0.05] | 0 [0; 1] | 0 [-0.05; 0.05] | 0 [-1; 1] |
| Santander | Spain | 0.01 [-0.01; 0.04] | 0 [0; 1] | 0 [-0.03; 0.03] | 0 [-1; 1] |
| Soria | Spain | 0.04 [-0.05; 0.15] | 0 [0; 1] | 0.02 [-0.1; 0.14] | 0 [0; 1] |
| Sevilla | Spain | 0.08 [-0.11; 0.27] | 5 [-7; 17] | 0.05 [-0.14; 0.25] | 3 [-9; 16] |
| Teruel | Spain | 0.09 [-0.12; 0.28] | 0 [0; 1] | 0.05 [-0.19; 0.27] | 0 [-1; 1] |
| Tenerife | Spain | 0.05 [-0.07; 0.16] | 1 [-1; 3] | 0.01 [-0.14; 0.15] | 0 [-3; 3] |
| Toledo | Spain | 0.09 [-0.12; 0.29] | 0 [-1; 2] | 0.04 [-0.19; 0.26] | 0 [-1; 1] |
| Tarragona | Spain | 0.08 [-0.11; 0.24] | 1 [-1; 2] | 0.04 [-0.17; 0.23] | 0 [-2; 2] |
| Vitoria | Spain | 0.04 [-0.04; 0.14] | 1 [-1; 3] | 0.01 [-0.08; 0.13] | 0 [-2; 2] |
| Valladolid | Spain | 0.07 [-0.09; 0.23] | 2 [-3; 7] | 0.04 [-0.14; 0.23] | 1 [-4; 7] |
| Valencia | Spain | 0.02 [-0.02; 0.05] | 1 [-1; 4] | 0 [-0.04; 0.04] | 0 [-3; 3] |
| Zamora | Spain | 0.03 [-0.04; 0.09] | 0 [0; 1] | 0 [-0.09; 0.09] | 0 [-1; 1] |
| Zaragoza | Spain | 0.01 [-0.01; 0.03] | 1 [-1; 2] | 0 [-0.03; 0.03] | 0 [-2; 2] |
| Basel | Switzerland | 0.28 [0.05; 0.5] | 6 [1; 10] | 0.21 [-0.04; 0.43] | 4 [-1; 9] |
| Bern | Switzerland | 0.28 [0.06; 0.54] | 4 [1; 8] | 0.2 [-0.03; 0.46] | 3 [0; 7] |
| Geneva | Switzerland | 0.2 [0.05; 0.36] | 3 [1; 5] | 0.13 [-0.03; 0.31] | 2 [0; 4] |
| Lausanne | Switzerland | 0.29 [0.06; 0.52] | 3 [1; 6] | 0.21 [-0.04; 0.46] | 2 [0; 5] |
| Lugano | Switzerland | 0.45 [0.1; 0.82] | 7 [2; 13] | 0.4 [0.04; 0.78] | 6 [1; 12] |
| Luzern | Switzerland | 0.26 [0.04; 0.46] | 2 [0; 4] | 0.19 [-0.03; 0.4] | 2 [0; 3] |
| St. Gallen | Switzerland | 0.39 [0.08; 0.7] | 3 [1; 5] | 0.27 [-0.07; 0.59] | 2 [-1; 4] |
| Zurich | Switzerland | 0.31 [0.05; 0.54] | 13 [2; 22] | 0.23 [-0.02; 0.48] | 10 [-1; 20] |
| Stockholm | Sweden | 0.1 [0.02; 0.18] | 10 [2; 18] | 0.03 [-0.07; 0.13] | 3 [-7; 13] |
| Kaohsiung | Taiwan | 0.57 [-0.08; 1.19] | 115 [-16; 237] | 0.55 [-0.1; 1.16] | 109 [-20; 231] |
| Taipei | Taiwan | 0.34 [-0.05; 0.72] | 131 [-21; 276] | 0.28 [-0.11; 0.67] | 109 [-43; 258] |
| Taichung | Taiwan | 0.38 [-0.01; 0.8] | 59 [-2; 125] | 0.33 [-0.05; 0.75] | 52 [-8; 117] |
| Bristol | UK | 0.09 [0.06; 0.12] | 5 [4; 7] | 0.03 [0; 0.06] | 2 [0; 4] |
| Cardiff | UK | 0.12 [0.08; 0.15] | 4 [3; 5] | 0.07 [0.03; 0.1] | 2 [1; 4] |
| Greater London | UK | 0.1 [0.07; 0.12] | 63 [44; 81] | 0.06 [0.02; 0.09] | 37 [15; 57] |
| Greater Manchester | UK | 0.06 [0.04; 0.08] | 11 [7; 14] | 0.03 [0.01; 0.05] | 5 [2; 9] |
| Kingston upon Hull | UK | 0.06 [0.04; 0.08] | 2 [2; 3] | 0.03 [0; 0.05] | 1 [0; 2] |
| Leicester | UK | 0.15 [0.1; 0.2] | 7 [5; 9] | 0.09 [0.04; 0.14] | 4 [2; 6] |
| Liverpool | UK | 0.07 [0.05; 0.09] | 6 [4; 8] | 0.02 [-0.01; 0.04] | 2 [0; 4] |
| Norwich | UK | 0.21 [0.15; 0.27] | 5 [3; 6] | 0.12 [0.05; 0.19] | 3 [1; 4] |
| Nottingham | UK | 0.06 [0.04; 0.08] | 3 [2; 4] | 0.03 [0.01; 0.05] | 2 [1; 3] |
| Sheffield | UK | 0.06 [0.04; 0.08] | 4 [3; 5] | 0.03 [0; 0.05] | 2 [0; 3] |
| Southampton | UK | 0.07 [0.05; 0.1] | 2 [1; 3] | 0.03 [0; 0.06] | 1 [0; 2] |
| The Potteries | UK | 0.13 [0.09; 0.17] | 6 [4; 8] | 0.06 [0.02; 0.11] | 3 [1; 5] |
| Tyneside | UK | 0.08 [0.06; 0.11] | 6 [4; 8] | 0.02 [-0.01; 0.05] | 2 [-1; 4] |
| West Midlands | UK | 0.11 [0.08; 0.14] | 28 [20; 37] | 0.06 [0.02; 0.1] | 15 [6; 25] |
| West Yorkshire | UK | 0.05 [0.03; 0.06] | 5 [4; 7] | 0.02 [0; 0.04] | 2 [0; 4] |
| Augusta | USA | 0.46 [0.27; 0.62] | 8 [5; 11] | 0.38 [0.18; 0.55] | 7 [3; 10] |
| Akron | USA | 0.43 [0.26; 0.59] | 22 [13; 30] | 0.36 [0.2; 0.53] | 19 [10; 27] |
| Albany | USA | 0.19 [0.11; 0.26] | 5 [3; 8] | 0.13 [0.05; 0.21] | 4 [1; 6] |
| Albuquerque | USA | 0.28 [0.17; 0.4] | 10 [6; 14] | 0.19 [0.06; 0.31] | 7 [2; 11] |
| Allentown | USA | 0.36 [0.22; 0.5] | 10 [6; 15] | 0.29 [0.15; 0.44] | 9 [4; 13] |
| Anaheim | USA | 0.28 [0.16; 0.4] | 42 [25; 60] | 0.2 [0.08; 0.32] | 30 [12; 48] |
| Ann Arbor | USA | 0.39 [0.25; 0.55] | 6 [4; 9] | 0.3 [0.15; 0.45] | 5 [2; 7] |
| Annandale | USA | 0.29 [0.18; 0.41] | 10 [6; 14] | 0.24 [0.13; 0.37] | 8 [4; 12] |
| Austin | USA | 0.3 [0.18; 0.42] | 10 [6; 14] | 0.22 [0.09; 0.35] | 7 [3; 11] |
| Atlantic City | USA | 0.33 [0.19; 0.46] | 8 [5; 11] | 0.26 [0.13; 0.39] | 6 [3; 9] |
| Atlanta | USA | 0.52 [0.32; 0.71] | 77 [47; 105] | 0.45 [0.24; 0.65] | 67 [35; 96] |
| Atzec | USA | 0.38 [0.22; 0.53] | 2 [1; 2] | 0.28 [0.13; 0.44] | 1 [1; 2] |
| Buffalo | USA | 0.24 [0.15; 0.34] | 24 [15; 34] | 0.19 [0.09; 0.28] | 19 [9; 28] |
| Bakersfield | USA | 0.63 [0.38; 0.89] | 27 [16; 38] | 0.58 [0.33; 0.84] | 25 [14; 36] |
| Boulder | USA | 0.28 [0.17; 0.4] | 3 [2; 5] | 0.2 [0.08; 0.32] | 2 [1; 4] |
| Baltimore | USA | 0.3 [0.18; 0.42] | 45 [28; 64] | 0.25 [0.13; 0.37] | 38 [20; 57] |
| Bangor | USA | 0.22 [0.14; 0.32] | 3 [2; 4] | 0.13 [0.04; 0.23] | 2 [0; 3] |
| Bergen | USA | 0.21 [0.12; 0.29] | 23 [14; 33] | 0.16 [0.08; 0.24] | 19 [10; 28] |
| Burlington | USA | 0.25 [0.15; 0.35] | 2 [1; 3] | 0.16 [0.05; 0.27] | 1 [0; 2] |
| Birmingham | USA | 0.35 [0.22; 0.49] | 29 [18; 40] | 0.28 [0.14; 0.42] | 23 [11; 34] |
| Barnstable | USA | 0.41 [0.26; 0.58] | 10 [7; 14] | 0.32 [0.16; 0.5] | 8 [4; 12] |
| Brownsville | USA | 0.13 [0.08; 0.18] | 2 [1; 3] | 0.07 [0.01; 0.13] | 1 [0; 2] |
| Boston | USA | 0.16 [0.1; 0.23] | 37 [23; 52] | 0.12 [0.06; 0.19] | 27 [13; 43] |
| Baton Rouge | USA | 0.27 [0.17; 0.38] | 8 [5; 11] | 0.21 [0.1; 0.32] | 6 [3; 10] |
| Cedar Rapids | USA | 0.14 [0.09; 0.2] | 2 [1; 3] | 0.08 [0.02; 0.15] | 1 [0; 2] |
| Chicago | USA | 0.14 [0.08; 0.19] | 73 [44; 101] | 0.1 [0.04; 0.15] | 51 [21; 80] |
| Charlotte | USA | 0.55 [0.32; 0.77] | 22 [13; 30] | 0.48 [0.26; 0.7] | 19 [10; 28] |
| Charleston SC | USA | 0.23 [0.13; 0.33] | 6 [3; 8] | 0.16 [0.05; 0.26] | 4 [1; 6] |
| Chattanoga | USA | 0.42 [0.26; 0.59] | 12 [7; 17] | 0.35 [0.18; 0.52] | 10 [5; 15] |
| Charleston WV | USA | 0.34 [0.2; 0.47] | 8 [5; 11] | 0.28 [0.15; 0.42] | 7 [3; 10] |
| Columbus | USA | 0.41 [0.24; 0.57] | 31 [18; 43] | 0.33 [0.16; 0.49] | 25 [12; 37] |
| Colorado Springs | USA | 0.25 [0.15; 0.34] | 6 [4; 8] | 0.15 [0.05; 0.25] | 4 [1; 6] |
| Cleveland | USA | 0.34 [0.2; 0.46] | 64 [38; 89] | 0.27 [0.13; 0.4] | 52 [25; 76] |
| Cincinnati | USA | 0.41 [0.25; 0.57] | 34 [20; 47] | 0.34 [0.17; 0.51] | 28 [14; 41] |
| Canton | USA | 0.47 [0.28; 0.66] | 17 [10; 24] | 0.39 [0.2; 0.59] | 15 [8; 22] |
| Columbia | USA | 0.34 [0.2; 0.47] | 12 [7; 17] | 0.28 [0.13; 0.42] | 10 [5; 15] |
| Corpus Christi | USA | 0.2 [0.12; 0.28] | 4 [3; 6] | 0.14 [0.05; 0.22] | 3 [1; 5] |
| Davis | USA | 0.5 [0.31; 0.71] | 4 [3; 6] | 0.41 [0.21; 0.62] | 4 [2; 5] |
| Dallas | USA | 0.29 [0.17; 0.4] | 36 [22; 50] | 0.23 [0.12; 0.35] | 29 [14; 43] |
| Denver | USA | 0.28 [0.16; 0.38] | 24 [14; 33] | 0.2 [0.08; 0.31] | 18 [7; 27] |
| Dodge | USA | 0.3 [0.18; 0.41] | 2 [1; 2] | 0.21 [0.09; 0.33] | 1 [0; 2] |
| Dover | USA | 0.49 [0.3; 0.69] | 5 [3; 7] | 0.41 [0.22; 0.63] | 4 [2; 6] |
| Durham | USA | 0.54 [0.34; 0.76] | 9 [6; 13] | 0.46 [0.26; 0.68] | 8 [4; 11] |
| Des Moines | USA | 0.08 [0.05; 0.12] | 2 [1; 3] | 0.04 [0; 0.08] | 1 [0; 2] |
| Detroit | USA | 0.28 [0.17; 0.39] | 97 [58; 136] | 0.22 [0.1; 0.33] | 76 [34; 116] |
| Davenport | USA | 0.29 [0.17; 0.4] | 8 [4; 11] | 0.21 [0.09; 0.33] | 6 [2; 9] |
| Daytona Beach | USA | 0.22 [0.12; 0.3] | 12 [7; 17] | 0.13 [0.04; 0.22] | 7 [2; 12] |
| Dayton | USA | 0.44 [0.27; 0.63] | 23 [14; 33] | 0.36 [0.2; 0.55] | 19 [10; 28] |
| El Centro | USA | 0.37 [0.23; 0.53] | 3 [2; 4] | 0.28 [0.12; 0.44] | 2 [1; 3] |
| Elkhart | USA | 0.44 [0.27; 0.61] | 6 [4; 8] | 0.33 [0.16; 0.51] | 5 [2; 7] |
| El Paso | USA | 0.25 [0.15; 0.35] | 9 [5; 12] | 0.16 [0.06; 0.26] | 6 [2; 9] |
| Elizabeth | USA | 0.25 [0.15; 0.35] | 13 [8; 17] | 0.21 [0.1; 0.31] | 10 [5; 15] |
| Erie | USA | 0.35 [0.21; 0.49] | 9 [5; 13] | 0.28 [0.13; 0.42] | 7 [3; 11] |
| Essex | USA | 0.21 [0.13; 0.29] | 13 [8; 18] | 0.14 [0.05; 0.23] | 9 [3; 14] |
| Eugene | USA | 0.2 [0.12; 0.27] | 5 [3; 7] | 0.12 [0.04; 0.21] | 3 [1; 5] |
| Evansville | USA | 0.56 [0.35; 0.77] | 10 [6; 14] | 0.48 [0.27; 0.69] | 9 [5; 12] |
| Fargo | USA | 0.14 [0.09; 0.21] | 1 [1; 2] | 0.06 [0; 0.13] | 0 [0; 1] |
| Flint | USA | 0.36 [0.21; 0.51] | 13 [8; 18] | 0.27 [0.12; 0.43] | 10 [4; 15] |
| Fresno | USA | 0.57 [0.35; 0.8] | 28 [18; 40] | 0.52 [0.3; 0.76] | 26 [15; 38] |
| Fort Lauderdale | USA | 0.13 [0.08; 0.18] | 18 [12; 26] | 0.07 [0.01; 0.12] | 10 [2; 18] |
| Fort Myers | USA | 0.2 [0.12; 0.29] | 8 [5; 12] | 0.12 [0.03; 0.21] | 5 [1; 9] |
| Fort Pierce | USA | 0.19 [0.12; 0.27] | 7 [5; 10] | 0.11 [0.03; 0.19] | 4 [1; 7] |
| Fort Worth | USA | 0.35 [0.22; 0.49] | 29 [18; 40] | 0.29 [0.15; 0.43] | 24 [12; 36] |
| Fort Wayne | USA | 0.5 [0.28; 0.7] | 12 [7; 17] | 0.41 [0.19; 0.6] | 10 [5; 14] |
| Fayetville | USA | 0.55 [0.34; 0.77] | 9 [6; 13] | 0.48 [0.27; 0.7] | 8 [4; 12] |
| Gary | USA | 0.44 [0.26; 0.61] | 19 [11; 26] | 0.36 [0.18; 0.53] | 15 [8; 23] |
| Greensburg | USA | 0.34 [0.19; 0.47] | 14 [8; 20] | 0.26 [0.12; 0.4] | 11 [5; 16] |
| Grand Heaven | USA | 0.45 [0.26; 0.64] | 6 [3; 8] | 0.36 [0.17; 0.56] | 5 [2; 7] |
| Grand Junctio | USA | 0.31 [0.19; 0.43] | 3 [2; 4] | 0.18 [0.04; 0.31] | 2 [0; 3] |
| Grand Rapids | USA | 0.39 [0.24; 0.55] | 15 [9; 20] | 0.31 [0.16; 0.47] | 12 [6; 18] |
| Greensboro | USA | 0.6 [0.38; 0.83] | 19 [12; 26] | 0.53 [0.31; 0.76] | 17 [10; 24] |
| Gasinesville | USA | 0.28 [0.17; 0.38] | 4 [2; 5] | 0.2 [0.08; 0.31] | 3 [1; 4] |
| Gettysburg | USA | 0.43 [0.27; 0.6] | 4 [3; 6] | 0.34 [0.17; 0.51] | 3 [2; 5] |
| Holland | USA | 0.5 [0.31; 0.7] | 2 [1; 3] | 0.41 [0.22; 0.61] | 2 [1; 3] |
| Harrisburg | USA | 0.36 [0.22; 0.49] | 8 [5; 12] | 0.29 [0.16; 0.43] | 7 [4; 10] |
| Hartford | USA | 0.3 [0.18; 0.42] | 23 [14; 32] | 0.23 [0.1; 0.35] | 17 [8; 27] |
| Houston | USA | 0.27 [0.16; 0.37] | 47 [27; 65] | 0.22 [0.11; 0.33] | 38 [19; 58] |
| Indianapolis | USA | 0.52 [0.32; 0.72] | 37 [23; 51] | 0.44 [0.23; 0.64] | 31 [16; 46] |
| Iowa city | USA | 0.2 [0.12; 0.28] | 1 [1; 1] | 0.13 [0.05; 0.21] | 1 [0; 1] |
| Jacksonville | USA | 0.26 [0.16; 0.36] | 15 [9; 21] | 0.18 [0.07; 0.28] | 10 [4; 17] |
| Jersy city | USA | 0.25 [0.14; 0.34] | 12 [7; 17] | 0.2 [0.09; 0.31] | 10 [5; 15] |
| Kalamazoo | USA | 0.36 [0.2; 0.5] | 6 [4; 9] | 0.27 [0.12; 0.42] | 5 [2; 8] |
| kenosha | USA | 0.46 [0.28; 0.63] | 5 [3; 7] | 0.37 [0.17; 0.53] | 4 [2; 6] |
| Kansas | USA | 0.2 [0.12; 0.28] | 21 [13; 29] | 0.15 [0.07; 0.23] | 16 [7; 24] |
| Knoxville | USA | 0.41 [0.25; 0.56] | 16 [9; 22] | 0.33 [0.16; 0.48] | 13 [6; 18] |
| Lafayette LA | USA | 0.29 [0.18; 0.41] | 3 [2; 5] | 0.22 [0.1; 0.34] | 3 [1; 4] |
| Lake charles | USA | 0.25 [0.14; 0.34] | 4 [2; 5] | 0.18 [0.06; 0.27] | 3 [1; 4] |
| Lakeland | USA | 0.23 [0.14; 0.33] | 12 [7; 17] | 0.15 [0.06; 0.25] | 8 [3; 13] |
| Lancaster | USA | 0.41 [0.25; 0.58] | 16 [10; 22] | 0.35 [0.19; 0.52] | 13 [7; 20] |
| Louisville | USA | 0.33 [0.19; 0.46] | 22 [13; 31] | 0.27 [0.13; 0.4] | 18 [8; 27] |
| La Porte | USA | 0.5 [0.3; 0.7] | 5 [3; 7] | 0.41 [0.2; 0.62] | 4 [2; 6] |
| Los Angeles | USA | 0.41 [0.24; 0.57] | 242 [142; 335] | 0.36 [0.19; 0.52] | 211 [112; 307] |
| Las Vegas | USA | 0.34 [0.2; 0.47] | 29 [17; 41] | 0.26 [0.12; 0.39] | 22 [10; 34] |
| Little Rock | USA | 0.28 [0.16; 0.39] | 8 [5; 12] | 0.2 [0.09; 0.32] | 6 [3; 10] |
| Macon | USA | 0.53 [0.32; 0.76] | 9 [6; 13] | 0.45 [0.23; 0.68] | 8 [4; 12] |
| Mc Allen | USA | 0.13 [0.08; 0.18] | 4 [2; 5] | 0.07 [0.01; 0.13] | 2 [0; 4] |
| Middlesex | USA | 0.31 [0.18; 0.44] | 16 [10; 23] | 0.26 [0.14; 0.4] | 14 [7; 21] |
| Middletown | USA | 0.44 [0.27; 0.62] | 10 [6; 15] | 0.36 [0.2; 0.55] | 9 [5; 13] |
| Medford | USA | 0.32 [0.2; 0.45] | 5 [3; 7] | 0.22 [0.09; 0.36] | 4 [2; 6] |
| Madison IL | USA | 0.25 [0.15; 0.34] | 6 [3; 8] | 0.19 [0.09; 0.29] | 4 [2; 7] |
| Modesto | USA | 0.36 [0.23; 0.49] | 11 [7; 15] | 0.29 [0.16; 0.44] | 9 [5; 13] |
| Madison WI | USA | 0.32 [0.19; 0.45] | 7 [4; 10] | 0.23 [0.09; 0.37] | 5 [2; 8] |
| Miami | USA | 0.14 [0.09; 0.2] | 25 [16; 36] | 0.08 [0.02; 0.14] | 14 [3; 26] |
| Melbourn | USA | 0.22 [0.13; 0.3] | 10 [6; 13] | 0.13 [0.04; 0.22] | 6 [2; 10] |
| Milwauke | USA | 0.28 [0.17; 0.4] | 31 [19; 45] | 0.21 [0.09; 0.33] | 23 [10; 37] |
| Memphis | USA | 0.54 [0.34; 0.75] | 39 [24; 54] | 0.46 [0.25; 0.67] | 33 [18; 49] |
| Monmouth | USA | 0.46 [0.27; 0.65] | 52 [30; 73] | 0.39 [0.21; 0.58] | 43 [23; 65] |
| Montgomery | USA | 0.37 [0.22; 0.52] | 7 [4; 10] | 0.29 [0.14; 0.44] | 6 [3; 8] |
| Mobile | USA | 0.3 [0.18; 0.42] | 10 [6; 15] | 0.22 [0.09; 0.34] | 8 [3; 12] |
| Monroe | USA | 0.29 [0.18; 0.41] | 4 [2; 5] | 0.22 [0.1; 0.34] | 3 [1; 4] |
| Mercer | USA | 0.38 [0.23; 0.53] | 5 [3; 7] | 0.32 [0.17; 0.47] | 4 [2; 6] |
| Marlboro | USA | 0.46 [0.29; 0.64] | 18 [11; 25] | 0.4 [0.23; 0.59] | 16 [9; 23] |
| Muskegon | USA | 0.49 [0.3; 0.69] | 7 [4; 10] | 0.41 [0.21; 0.61] | 6 [3; 9] |
| Muncie | USA | 0.53 [0.31; 0.77] | 7 [4; 10] | 0.44 [0.22; 0.67] | 6 [3; 9] |
| Nashua | USA | 0.28 [0.17; 0.39] | 7 [4; 9] | 0.19 [0.08; 0.3] | 5 [2; 7] |
| Nassau | USA | 0.23 [0.14; 0.32] | 50 [30; 71] | 0.18 [0.08; 0.28] | 39 [18; 61] |
| Niles | USA | 0.56 [0.34; 0.79] | 8 [5; 12] | 0.46 [0.24; 0.69] | 7 [4; 10] |
| Nashville | USA | 0.21 [0.13; 0.29] | 10 [6; 14] | 0.15 [0.07; 0.24] | 7 [3; 11] |
| Newburgh | USA | 0.42 [0.26; 0.59] | 11 [6; 15] | 0.33 [0.16; 0.51] | 8 [4; 13] |
| Newhaven | USA | 0.35 [0.21; 0.49] | 27 [16; 37] | 0.27 [0.13; 0.41] | 20 [9; 31] |
| Newlond | USA | 0.49 [0.29; 0.68] | 9 [6; 13] | 0.39 [0.19; 0.59] | 7 [4; 11] |
| New Orleans | USA | 0.3 [0.18; 0.42] | 31 [19; 44] | 0.24 [0.12; 0.36] | 25 [13; 38] |
| Newark | USA | 0.26 [0.16; 0.36] | 27 [17; 38] | 0.21 [0.11; 0.31] | 22 [11; 33] |
| New York | USA | 0.16 [0.09; 0.22] | 103 [59; 141] | 0.12 [0.05; 0.19] | 81 [33; 121] |
| Ocala | USA | 0.25 [0.15; 0.35] | 9 [6; 13] | 0.17 [0.06; 0.27] | 6 [2; 10] |
| Oklahoma | USA | 0.31 [0.19; 0.44] | 17 [11; 25] | 0.24 [0.11; 0.37] | 13 [6; 21] |
| Oakland | USA | 0.08 [0.04; 0.1] | 12 [7; 16] | 0.03 [0; 0.06] | 5 [-1; 10] |
| Omaha | USA | 0.14 [0.09; 0.2] | 5 [3; 7] | 0.08 [0.02; 0.14] | 3 [1; 5] |
| Orlando | USA | 0.26 [0.16; 0.36] | 19 [12; 27] | 0.17 [0.07; 0.28] | 13 [5; 21] |
| Philadelphia | USA | 0.28 [0.17; 0.39] | 122 [73; 170] | 0.24 [0.12; 0.35] | 102 [53; 151] |
| Phoenix | USA | 0.36 [0.23; 0.5] | 66 [42; 92] | 0.28 [0.14; 0.43] | 52 [26; 80] |
| Palm beach | USA | 0.12 [0.07; 0.16] | 13 [8; 18] | 0.06 [0.01; 0.11] | 7 [1; 12] |
| Plymouth | USA | 0.26 [0.16; 0.35] | 10 [6; 13] | 0.19 [0.09; 0.29] | 7 [3; 11] |
| Pensacola | USA | 0.32 [0.21; 0.45] | 8 [5; 11] | 0.24 [0.11; 0.36] | 6 [3; 9] |
| Portland OR | USA | 0.15 [0.09; 0.2] | 15 [9; 20] | 0.09 [0.03; 0.15] | 9 [3; 15] |
| Port Arthur | USA | 0.26 [0.16; 0.36] | 6 [4; 9] | 0.2 [0.1; 0.3] | 5 [2; 7] |
| Portage | USA | 0.41 [0.25; 0.57] | 4 [2; 5] | 0.32 [0.17; 0.49] | 3 [2; 5] |
| Portland ME | USA | 0.25 [0.16; 0.35] | 6 [3; 8] | 0.17 [0.07; 0.28] | 4 [2; 6] |
| Providence | USA | 0.37 [0.24; 0.51] | 45 [29; 62] | 0.28 [0.14; 0.42] | 34 [17; 51] |
| Pittsburg | USA | 0.25 [0.15; 0.35] | 38 [23; 53] | 0.2 [0.1; 0.3] | 31 [16; 46] |
| Richmond | USA | 0.46 [0.28; 0.64] | 25 [16; 36] | 0.39 [0.21; 0.58] | 22 [12; 32] |
| Rochester | USA | 0.18 [0.11; 0.25] | 11 [7; 15] | 0.13 [0.06; 0.21] | 8 [4; 12] |
| Rockville | USA | 0.46 [0.28; 0.64] | 20 [13; 28] | 0.4 [0.22; 0.59] | 17 [10; 26] |
| Reading | USA | 0.34 [0.2; 0.47] | 12 [7; 16] | 0.28 [0.14; 0.41] | 10 [5; 14] |
| Reno | USA | 0.24 [0.15; 0.35] | 5 [3; 7] | 0.15 [0.05; 0.27] | 3 [1; 6] |
| Raleigh | USA | 0.48 [0.29; 0.66] | 13 [8; 18] | 0.41 [0.22; 0.6] | 11 [6; 17] |
| Riverside | USA | 0.6 [0.35; 0.85] | 124 [73; 175] | 0.55 [0.31; 0.8] | 113 [64; 166] |
| Sacramento | USA | 0.32 [0.2; 0.45] | 27 [16; 37] | 0.25 [0.12; 0.38] | 21 [10; 31] |
| Scranton | USA | 0.3 [0.18; 0.43] | 22 [13; 31] | 0.23 [0.1; 0.36] | 17 [7; 26] |
| San Diego | USA | 0.34 [0.2; 0.47] | 59 [35; 82] | 0.23 [0.09; 0.37] | 41 [16; 66] |
| San Francisco | USA | 0.02 [0.01; 0.03] | 3 [2; 3] | 0.01 [0; 0.02] | 1 [-1; 2] |
| Salt Lake | USA | 0.44 [0.26; 0.62] | 19 [11; 26] | 0.35 [0.18; 0.53] | 15 [8; 23] |
| San Jose | USA | 0.11 [0.07; 0.15] | 9 [6; 13] | 0.06 [0.01; 0.11] | 5 [1; 9] |
| San Antonio | USA | 0.28 [0.18; 0.38] | 25 [16; 34] | 0.2 [0.08; 0.31] | 17 [7; 27] |
| Spokane | USA | 0.31 [0.18; 0.45] | 10 [6; 15] | 0.18 [0.04; 0.32] | 6 [1; 11] |
| Springfield MA | USA | 0.24 [0.14; 0.33] | 11 [6; 15] | 0.17 [0.07; 0.27] | 8 [3; 12] |
| Springfied MO | USA | 0.26 [0.16; 0.37] | 5 [3; 8] | 0.18 [0.08; 0.28] | 4 [2; 6] |
| Spartanburg | USA | 0.43 [0.24; 0.59] | 10 [6; 14] | 0.36 [0.18; 0.54] | 8 [4; 13] |
| Sarasota | USA | 0.24 [0.14; 0.33] | 17 [10; 24] | 0.16 [0.05; 0.25] | 11 [4; 18] |
| Steubenville | USA | 0.26 [0.16; 0.38] | 3 [2; 4] | 0.21 [0.11; 0.32] | 2 [1; 3] |
| Saint Charles | USA | 0.45 [0.27; 0.62] | 6 [4; 8] | 0.38 [0.2; 0.55] | 5 [3; 7] |
| Stockton | USA | 0.25 [0.15; 0.35] | 10 [6; 14] | 0.19 [0.09; 0.29] | 7 [3; 11] |
| South bend | USA | 0.46 [0.28; 0.64] | 11 [6; 15] | 0.37 [0.18; 0.55] | 9 [4; 13] |
| St Louis | USA | 0.32 [0.2; 0.44] | 48 [29; 66] | 0.25 [0.12; 0.38] | 37 [18; 56] |
| Stamford | USA | 0.42 [0.26; 0.59] | 29 [18; 40] | 0.33 [0.17; 0.5] | 23 [11; 34] |
| St. Petersbur | USA | 0.22 [0.13; 0.31] | 17 [10; 24] | 0.15 [0.06; 0.24] | 11 [5; 18] |
| State College | USA | 0.44 [0.26; 0.61] | 4 [2; 5] | 0.35 [0.18; 0.53] | 3 [2; 5] |
| Seattle | USA | 0.12 [0.07; 0.16] | 13 [8; 17] | 0.07 [0.02; 0.12] | 7 [2; 13] |
| Tacoma | USA | 0.11 [0.07; 0.15] | 5 [3; 7] | 0.05 [0.01; 0.11] | 2 [0; 5] |
| Tampa | USA | 0.25 [0.16; 0.36] | 19 [12; 27] | 0.18 [0.08; 0.29] | 13 [6; 22] |
| Tucson | USA | 0.29 [0.18; 0.41] | 18 [11; 26] | 0.19 [0.07; 0.32] | 12 [5; 20] |
| Tallahassee | USA | 0.24 [0.15; 0.34] | 3 [2; 4] | 0.17 [0.06; 0.27] | 2 [1; 3] |
| Toledo | USA | 0.34 [0.19; 0.47] | 15 [9; 21] | 0.26 [0.11; 0.4] | 11 [5; 17] |
| Trenton | USA | 0.34 [0.21; 0.47] | 10 [6; 13] | 0.29 [0.15; 0.42] | 8 [4; 12] |
| Terra Haute | USA | 0.46 [0.28; 0.64] | 5 [3; 7] | 0.37 [0.19; 0.57] | 4 [2; 6] |
| Tulsa | USA | 0.34 [0.2; 0.48] | 16 [9; 22] | 0.27 [0.12; 0.4] | 12 [5; 18] |
| Visalia | USA | 0.6 [0.36; 0.85] | 14 [9; 20] | 0.56 [0.32; 0.8] | 13 [8; 19] |
| Vancouver | USA | 0.13 [0.08; 0.18] | 2 [1; 3] | 0.07 [0.01; 0.12] | 1 [0; 2] |
| Ventura | USA | 0.44 [0.27; 0.64] | 18 [11; 27] | 0.36 [0.18; 0.55] | 15 [8; 23] |
| Wichita | USA | 0.2 [0.12; 0.28] | 7 [4; 9] | 0.14 [0.06; 0.22] | 5 [2; 7] |
| Weber | USA | 0.62 [0.37; 0.85] | 7 [4; 10] | 0.53 [0.28; 0.77] | 6 [3; 9] |
| Wilmington | USA | 0.27 [0.16; 0.38] | 10 [6; 14] | 0.22 [0.11; 0.33] | 8 [4; 12] |
| Winston | USA | 0.53 [0.31; 0.74] | 13 [8; 18] | 0.45 [0.23; 0.66] | 11 [6; 17] |
| Worcester | USA | 0.31 [0.19; 0.44] | 20 [13; 28] | 0.23 [0.11; 0.36] | 15 [7; 23] |
| WDC | USA | 0.22 [0.13; 0.31] | 15 [9; 21] | 0.18 [0.09; 0.28] | 12 [6; 19] |
| Washington | USA | 0.37 [0.22; 0.52] | 9 [5; 12] | 0.31 [0.16; 0.45] | 7 [4; 11] |
| Youngstown | USA | 0.41 [0.24; 0.57] | 17 [10; 24] | 0.34 [0.18; 0.51] | 14 [7; 21] |
| York | USA | 0.38 [0.22; 0.52] | 11 [7; 16] | 0.32 [0.16; 0.46] | 9 [5; 14] |

**eTable 6.** Overall pooled estimates of ozone-mortality association (lag01) (95% confidence interval (CI)) expressed as relative risk (RR) per 10-µg/m3 increase in ozone for each of the sensitivity analyses, except for the different approaches to control for temperature (reported in eFigure 3). Details on the analytical approach of each sub-analysis reported in eMethods 2.

|  |  |  |
| --- | --- | --- |
|  | N locations | RR [95% CI] |
| *Main analysis* | 406 | 1.0018 [1.0012; 1.0024] |
| Time control with 4 df | 406 | 1.0019 [1.0011; 1.0026] |
| Time control with 10 df | 406 | 1.0017 [1.0012; 1.0023] |
| Main analysis  (restricted to PM10 locations) | 228 | 1.0017 [1.0010; 1.0024] |
| Control for PM10  (24-h average – linear lag01) | 228 | 1.0015 [1.0007; 1.0024] |
| Main analysis  (restricted to NO2 locations) | 269 | 1.0015 [1.0010; 1.0019] |
| Control for NO2  (24-h average – linear lag01) | 269 | 1.0014 [1.0010; 1.0019] |
| Main analysis  (restricted to NO2 locations) | 89 | 1.0011 [0.9999; 1.0024] |
| Control for NO2  (24-h average – linear lag01) | 89 | 1.0007 [0.9994; 1.002] |
| Main analysis  (restricted to locations with rel humidity) | 317 | 1.0020 [1.0013; 1.0026] |
| Control for relative humidity  (24-h average – linear lag0) | 317 | 1.0026 [1.0017; 1.0035] |
| Restriction to all-year series | 309 | 1.0018 [1.0012; 1.0024] |

\*df: degrees of freedom. qAIC df7 (main model): 10376950. qAIC df4 (sensitivity analysis 1): 10378178. qAIC df10 (sensitivity analysis 2): 10389530.

A close up of a piece of paper

Description automatically generated

**eFigure 1.** Overall and country-specific short-term ozone-mortality association, expressed as relative risk (RR) per 10-ppb increase in ozone (maximum 8-hour average) (lag 01).

A close up of a map

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**eFigure 2.** Results from the additional analyses. Comparison of the average concentration-response (C-R) shapes using linear and non-linear functions (left) and lag-response association up to 30 days (right) per 10-unit increase in ozone. q-AIC linear: 10376950, Q-AIC non-linear: 10379020.

**A screenshot of a computer

Description automatically generated**

**eFigure 3.** Overall and country-specific short-term ozone-mortality association, expressed as relative risk (RR) per 10-unit increase in ozone, using different control for temperature (details on the modelling in eMethods2). (Black, main model (qAIC: 10376950); red, approach 1 (qAIC: 10377749); green, approach 2 (qAIC: 10380318); blue, approach 3 (qAIC: 10389132); pink, approach 4 (qAIC: 10387640)).