

Supplementary Materials: Fine Particulate Matter Concentrations in Urban Chinese Cities, 2005–2016: A Systematic Review

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Codebook for Supplemental Data

Author – author(s) of the study that the data was extracted from

Region – represents six possible geographic regions (Northeastern, Northern, Northwestern, Eastern, South Central, and Southwestern), Beijing, and Taiwan

City – city that extracted data came from

YearPublished – article’s year of publication

YearCollected – year(s) that data used in the study was collected from

MonthDate – specific months/dates for data collection (when available); data collected over entire year or multiple years are marked as “Annual”

Season – denoted as Spring (March-May), Summer (June-August), Autumn (September-November), and Winter (December-February)

PM25gm3 – concentration of PM_{2.5}, measured in $\mu\text{g}/\text{m}^3$

SD – standard deviation of PM_{25gm3}

SampleSize – number of sampling days in the city where data is collected

Hour/Annual – dichotomous variable defining data as 24-hour or annual data

Exceed35Limit – dichotomous variable on whether data point exceeds China’s annual PM_{2.5} limit of $35\mu\text{g}/\text{m}^3$ (0=no, 1=yes)

Exceed75Limit - dichotomous variable on whether data point exceeds China’s 24-hour PM_{2.5} limit of $75\mu\text{g}/\text{m}^3$ (0=no, 1=yes)

DataCollectionMethods – notes describing the data source, methods, and instruments used for data collection, whenever available