

## **Supporting Information**

# **Reducing indoor levels of ‘outdoor PM<sub>2.5</sub>’ in urban China: impact on mortalities**

5 Jianbang Xiang<sup>1,2</sup>, Charles J. Weschler<sup>1,2,3, +</sup>, Qingqin Wang<sup>4</sup>, Lin Zhang<sup>5,6</sup>, Jinhan  
6 Mo<sup>1,2</sup>, Rui Ma<sup>5</sup>, Junfeng (Jim) Zhang<sup>7,8, +</sup>, Yinping Zhang<sup>1,2, +\*</sup>

<sup>8</sup>     <sup>1</sup> Department of Building Science, Tsinghua University, Beijing, Beijing 100084,  
<sup>9</sup>     China;

<sup>10</sup> <sup>2</sup>Beijing Key Laboratory of Indoor Air Quality Evaluation and Control, Beijing,  
<sup>11</sup> Beijing 100084, China;

12      <sup>3</sup>Environmental and Occupational Health Sciences Institute, Rutgers University,  
13      Piscataway, NJ 08854, United States;

<sup>14</sup>China Academy of Building Research, Beijing, Beijing 100013, China;

<sup>5</sup>Department of Electronic Engineering, Tsinghua University, Beijing, Beijing  
100084, China;

17 <sup>6</sup>Tsinghua-Berkeley Shenzhen Institute, Tsinghua University, Shenzhen, Guangdong  
18 518071, China;

19     <sup>7</sup>Global Health Institute and the Nicholas School of Environment, Duke University,  
20     Durham, NC 27708, United States;

21   <sup>8</sup>Global and Environmental Health, Duke Kunshan University, Kunshan, Jiangsu  
22   215316, China

\* Corresponding author: Yiping Zhang, PhD, Department of Building Science, Tsinghua University, Beijing 100084, China. Phone: +86-10-6277-2518. Fax: +86-10-6277-3461. Email: zhangyp@tsinghua.edu.cn

26 + Co-senior authors

27 There are 8 figures, 8 tables and 47 pages in total in the SI.

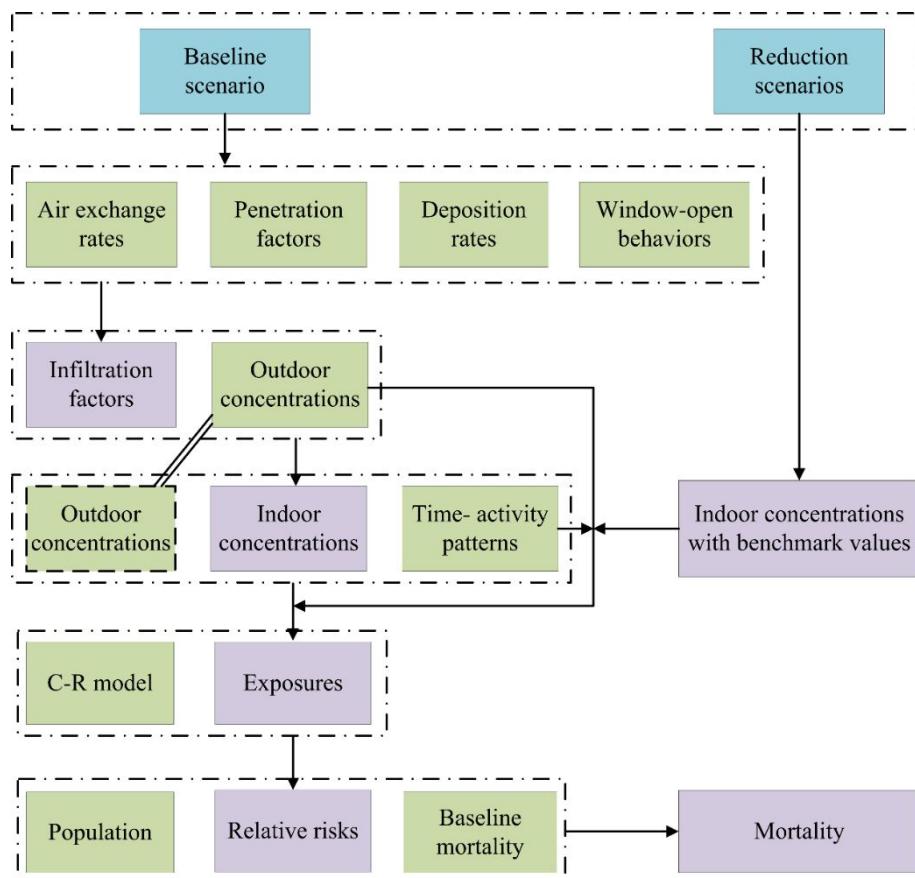
28      **Contents**

29	<b>Reducing indoor levels of ‘outdoor PM<sub>2.5</sub>’ in urban China: impact on mortalities .....</b>	1
30	Figures .....	4
31	Figure S1. Overview of methodology used in this study.....	4
32	Figure S2. Public monitoring stations for PM <sub>2.5</sub> in China .....	4
33	Figure S3. Map of mainland China.....	5
34	Figure S4. Distribution of population $\geq 25$ years of age across urban areas in mainland	
35	China: (a) female, (b) male and (c) both sexes.....	6
36	Figure S5. Percentage of the urban population $\geq 25$ years of age with calculated	
37	residential indoor levels of outdoor-origin PM <sub>2.5</sub> in different concentration bins in the	
38	baseline scenario.....	7
39	Figure S6. Distribution of exposure parameters across urban China based on different	
40	values of the province-specific population-average $F_{inf}$ within the range of 0.40 to 0.95	
41	for: (A) PM <sub>2.5</sub> infiltration factors ( $F_{inf}$ ), (B) annual mean indoor concentration ( $C_{in}$ ) and	
42	(C) PM <sub>2.5</sub> annual mean exposure concentration ( $C_{exp}$ ).....	8
43	Figure S7. Distributions of mean relative risks (RRs) for (A) stroke, (B) ischemic heart	
44	disease (IHD), (C) chronic obstructive pulmonary disease (COPD), and (D) lung cancer	
45	(LC) across urban areas in China in 2015. The reference (for RR=1) is under the scenario	
46	where annual mean outdoor PM <sub>2.5</sub> concentrations are lower than the counter-factual	
47	concentration.....	9
48	Figure S8. The relationship between relative risk and outdoor PM <sub>2.5</sub> concentrations for	
49	COPD, IHD, LC and stroke .....	9
50	Tables .....	10
51	Table S1. Results for provincial exposure parameters under the baseline scenario. In the	
52	case of $C_{out}^*$ , $C_{in}^*$ , and $C_{exp}^*$ , the listed values are averages for the major cities (rural areas	
53	excluded) within the identified province.....	10
54	Table S2. Provincial population and mortality rates for individuals $\geq 25$ years of age in	
55	urban China in 2015.....	12
56	Table S3. For each province, the sum of its major cities’ disease-specific premature	
57	mortalities (95% CI) attributable to <i>total PM<sub>2.5</sub> exposure</i> under baseline scenario (rural	
58	areas excluded) .....	14
59	Table S4. For each province, the sum of its major cities’ disease-specific premature	
60	mortalities attributable to <i>indoor PM<sub>2.5</sub> exposure</i> under baseline scenario (rural areas	
61	excluded).....	16
62	Table S5. For each province, the sum of its major cities’ <i>avoidable mortalities</i> that could	
63	be achieved by meeting different indoor PM <sub>2.5</sub> guidelines (rural areas excluded) .....	18

64	Table S6. For the top 20 cities, avoidable mortalities achieved by meeting different	
65	indoor PM <sub>2.5</sub> guidelines (rural areas excluded).....	21
66	Table S7. For the major cities within each province, city-specific avoidable mortalities	
67	(95% CI) achieved by meeting different indoor PM <sub>2.5</sub> guidelines (rural areas excluded)	23
68	Table S8. Summary of PM <sub>2.5</sub> infiltration factors ( $F_{inf}$ ), indoor PM <sub>2.5</sub> concentrations, total	
69	exposure concentrations and total outdoor PM <sub>2.5</sub> -related mortalities, as well as avoidable	
70	mortalities (95% CI) for various “reduction scenarios” across urban China based on	
71	different values of the province-specific population-average $F_{inf}$ within the range of 0.40	
72	to 0.95. ....	46
73	Definition of urban areas .....	47
74		
75		

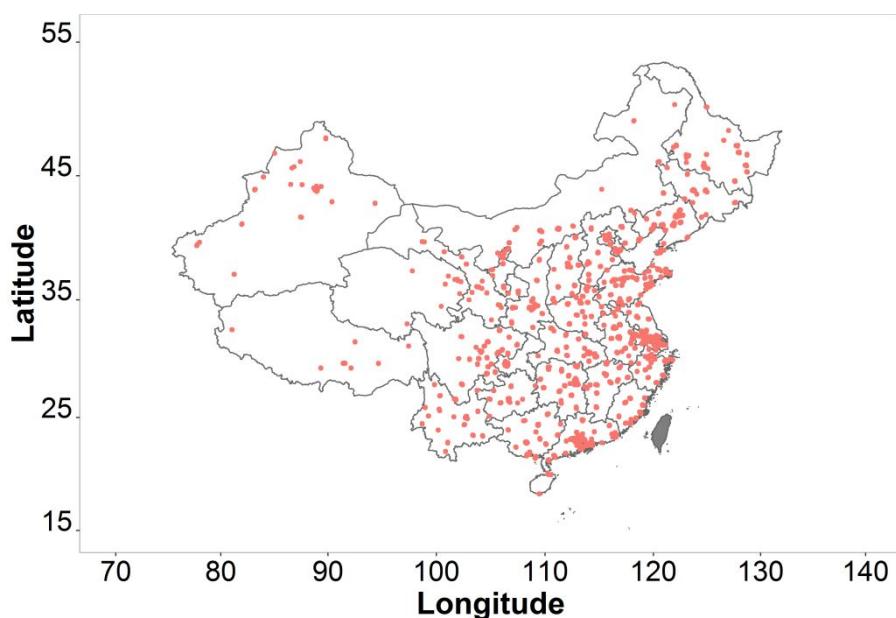
76 **Figures**

77



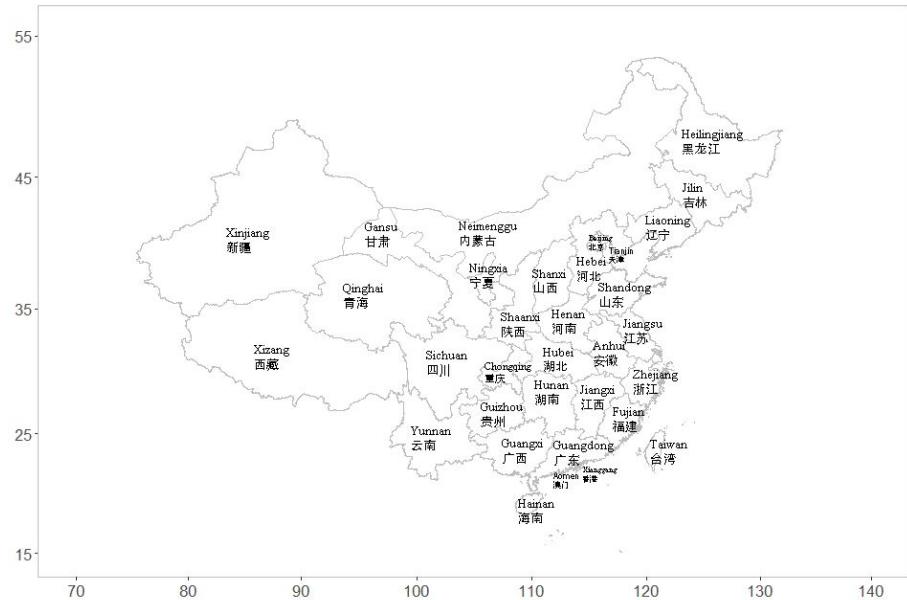
78  
79 **Figure S1. Overview of methodology used in this study**

80



81  
82 **Figure S2. Public monitoring stations for PM<sub>2.5</sub> in China**

83

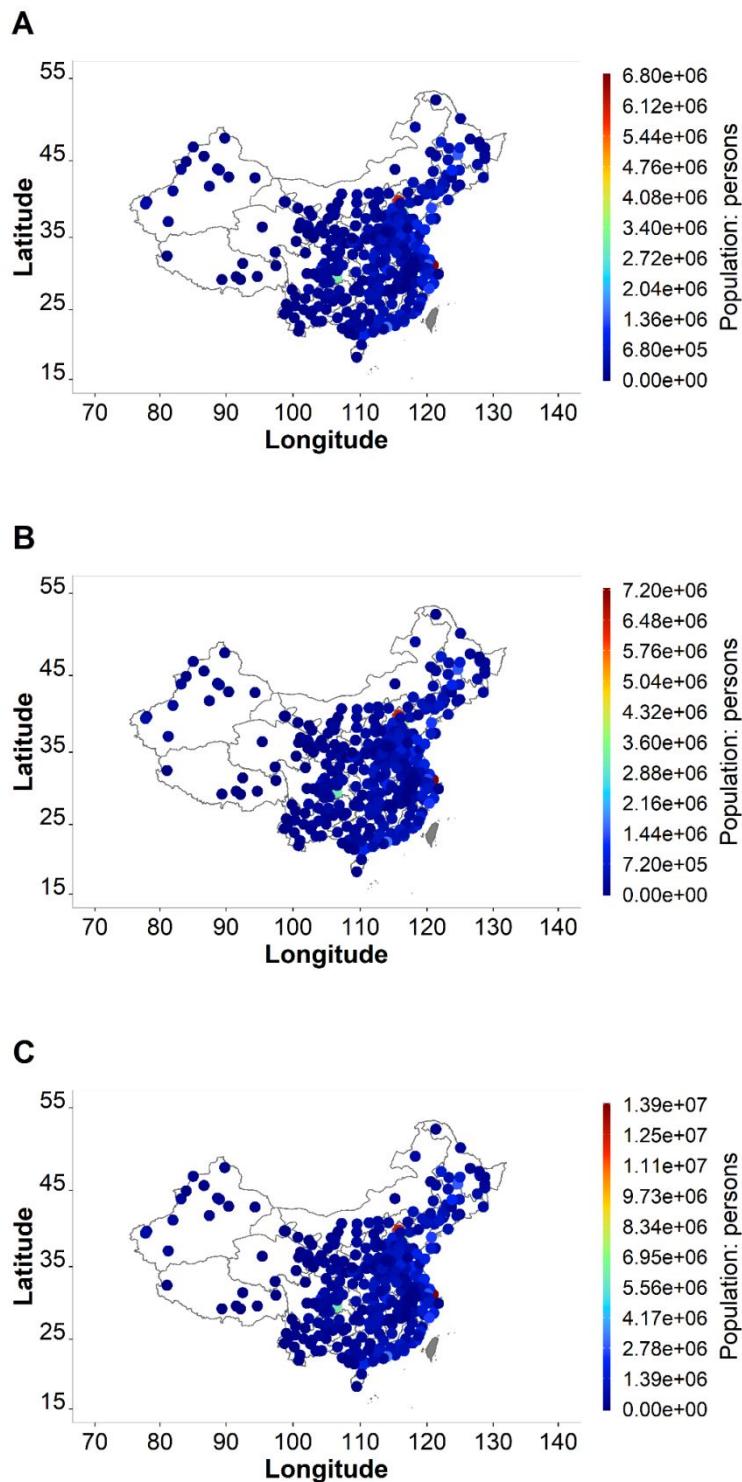


84

85 **Figure S3. Map of mainland China**

86

s5

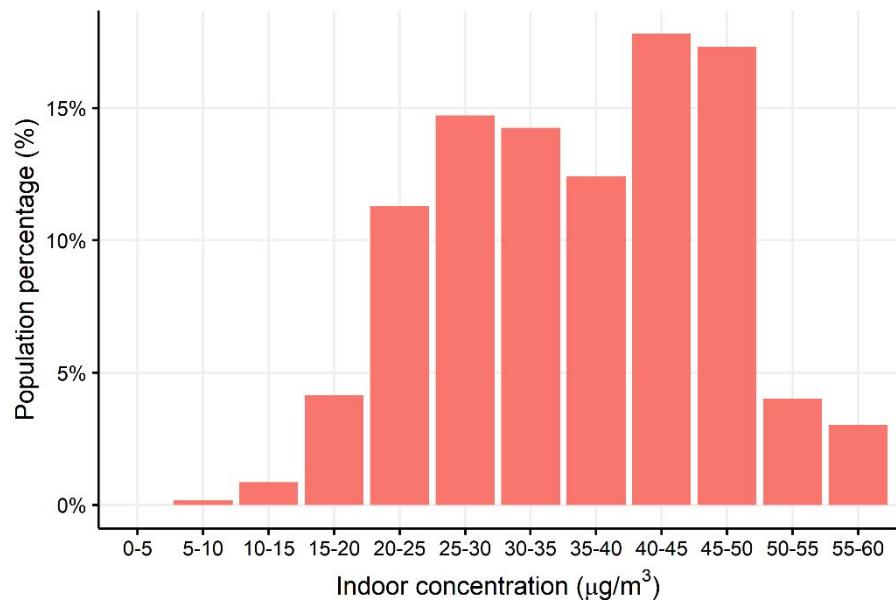


87

88 **Figure S4. Distribution of population ≥ 25 years of age across urban areas in mainland China: (a)**  
 89 **(b) female, (b) male and (c) both sexes.**

90

91

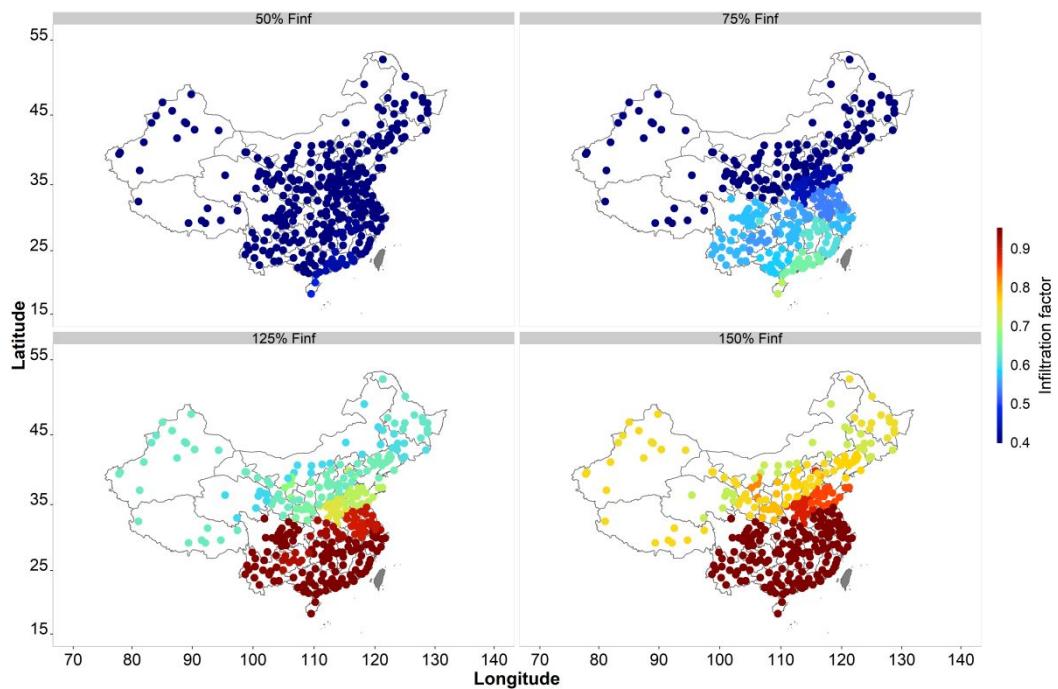


92

93 **Figure S5. Percentage of the urban population  $\geq 25$  years of age with calculated residential indoor  
94 levels of outdoor-origin  $\text{PM}_{2.5}$  in different concentration bins in the baseline scenario.**

95

96



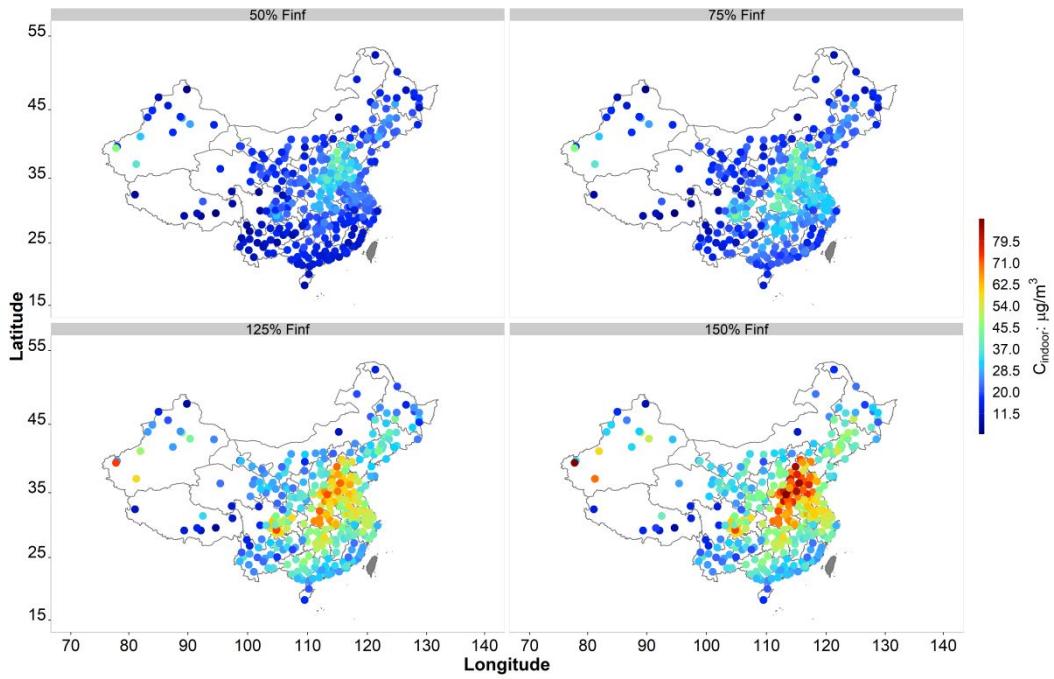
97

98

(A)

99  
100

(B)



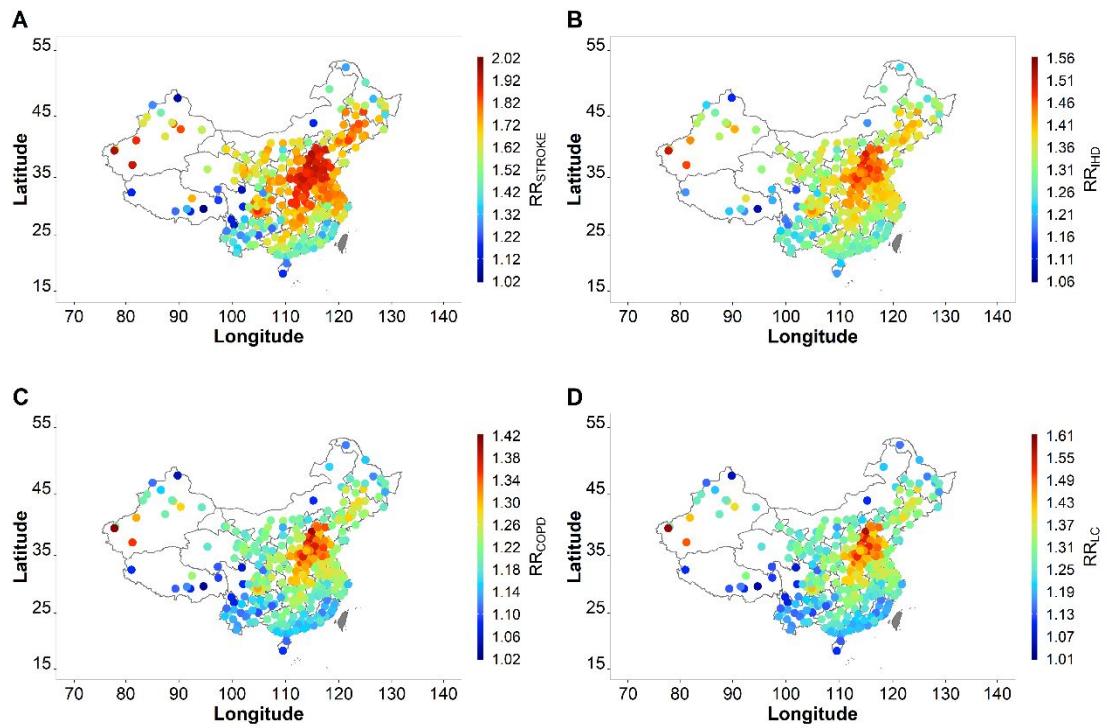
101

102

(C)

103 **Figure S6. Distribution of exposure parameters across urban China based on different values of**  
104 **the province-specific population-average  $F_{inf}$  within the range of 0.40 to 0.95 for: (A) PM<sub>2.5</sub>**  
105 **infiltration factors ( $F_{inf}$ ), (B) annual mean indoor concentration ( $C_{in}$ ) and (C) PM<sub>2.5</sub> annual mean**  
106 **exposure concentration ( $C_{exp}$ ).**

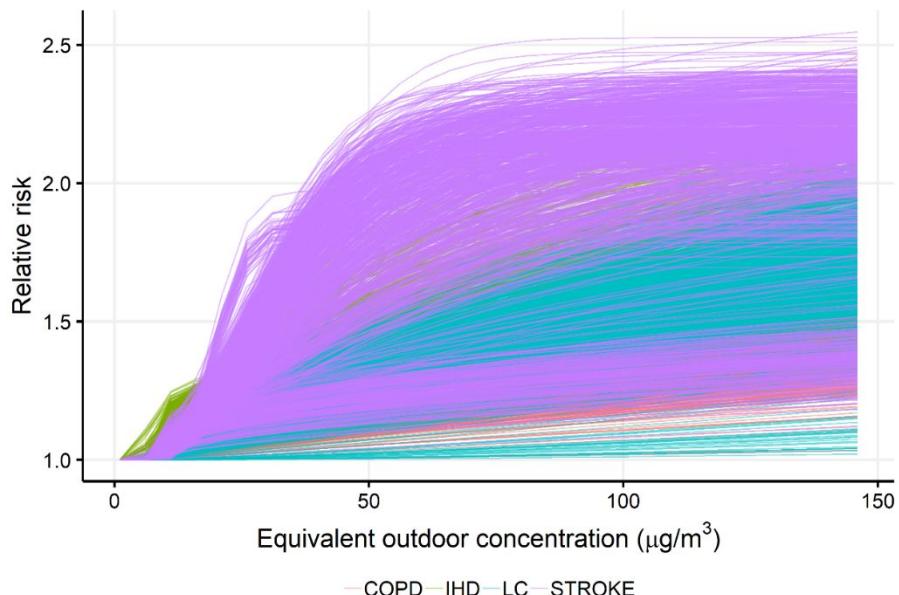
107



108

109 **Figure S7. Distributions of mean relative risks (RRs) for (A) stroke, (B) ischemic heart disease**  
110 **(IHD), (C) chronic obstructive pulmonary disease (COPD), and (D) lung cancer (LC) across urban**  
111 **areas in China in 2015. The reference (for RR=1) is under the scenario where annual mean outdoor**  
112 **PM<sub>2.5</sub> concentrations are lower than the counter-factual concentration.**

113



114

115 **Figure S8. The relationship between relative risk and outdoor PM<sub>2.5</sub> concentrations for COPD,**  
116 **IHD, LC and stroke**

117

118 **Tables**

119

120 **Table S1. Results for provincial exposure parameters under the baseline scenario. In the case of  $C_{out}^*$ ,  $C_{in}^*$ , and  $C_{exp}^*$ , the listed values are averages for the major cities  
121 (rural areas excluded) within the identified province.**

Province	$C_{out}$ ( $\mu\text{g}/\text{m}^3$ )	$t_{open}^\dagger$	$t_{closed}^\dagger$	$F_{inf}$	$C_{in}$ ( $\mu\text{g}/\text{m}^3$ )	$t_{out}^\dagger$	$t_{in}^\dagger$	$C_{exp}$ ( $\mu\text{g}/\text{m}^3$ )	$Fr_{indoor}^\ddagger$	$f_{exp}$
<b>Beijing</b>	83.5	0.32	0.68	0.58	48.2	0.13	0.87	52.8	0.80	0.63
<b>Tianjin</b>	72.0	0.23	0.77	0.53	38.0	0.13	0.88	42.8	0.78	0.60
<b>Hebei</b>	79.7	0.19	0.81	0.51	40.3	0.11	0.89	44.6	0.80	0.56
<b>Shanxi</b>	56.9	0.20	0.80	0.51	29.1	0.12	0.88	32.4	0.79	0.57
<b>Inner Mongolia</b>	41.2	0.14	0.86	0.48	19.7	0.13	0.88	22.7	0.76	0.55
<b>Liaoning</b>	56.5	0.20	0.80	0.51	28.9	0.10	0.90	31.6	0.82	0.56
<b>Jilin</b>	56.9	0.15	0.85	0.48	27.5	0.09	0.91	30.2	0.83	0.53
<b>Heilongjiang</b>	40.0	0.18	0.82	0.50	20.0	0.09	0.91	21.8	0.84	0.55
<b>Shanghai</b>	55.2	0.34	0.66	0.74	40.7	0.11	0.89	42.3	0.86	0.77
<b>Jiangsu</b>	59.3	0.29	0.71	0.72	42.7	0.10	0.90	44.3	0.87	0.75
<b>Zhejiang</b>	47.1	0.41	0.59	0.76	35.7	0.11	0.89	37.0	0.86	0.79
<b>Anhui</b>	55.5	0.27	0.73	0.71	39.5	0.11	0.89	41.3	0.85	0.74
<b>Fujian</b>	28.4	0.56	0.44	0.81	23.0	0.12	0.88	23.6	0.86	0.83
<b>Jiangxi</b>	42.5	0.60	0.40	0.82	34.9	0.14	0.86	36.0	0.84	0.85
<b>Shandong</b>	74.5	0.30	0.70	0.57	42.2	0.09	0.91	45.1	0.85	0.61
<b>Henan</b>	82.2	0.34	0.66	0.59	48.4	0.17	0.83	54.2	0.74	0.66
<b>Hubei</b>	66.6	0.35	0.65	0.74	49.2	0.15	0.85	51.8	0.81	0.78
<b>Hunan</b>	51.9	0.41	0.59	0.76	39.4	0.12	0.88	40.9	0.85	0.79
<b>Guangdong</b>	32.9	0.73	0.27	0.87	28.5	0.14	0.86	29.1	0.84	0.89

<b>Guangxi</b>	40.3	0.45	0.55	0.77	31.1	0.18	0.82	32.8	0.78	0.81
<b>Hainan</b>	19.8	0.96	0.04	0.94	18.7	0.16	0.84	18.9	0.83	0.95
<b>Chongqing</b>	55.3	0.58	0.42	0.82	45.1	0.15	0.85	46.7	0.82	0.84
<b>Sichuan</b>	47.4	0.42	0.58	0.76	36.2	0.17	0.83	38.1	0.79	0.80
<b>Guizhou</b>	31.3	0.33	0.67	0.73	22.9	0.12	0.88	23.9	0.84	0.77
<b>Yunnan</b>	27.9	0.38	0.63	0.76	21.1	0.20	0.80	22.5	0.75	0.80
<b>Tibet</b>	23.0	0.19	0.81	0.51	11.6	0.17	0.83	13.6	0.71	0.59
<b>Shaanxi</b>	52.1	0.22	0.78	0.52	27.2	0.16	0.84	31.2	0.73	0.60
<b>Gansu</b>	42.3	0.19	0.81	0.51	21.4	0.21	0.79	25.8	0.66	0.61
<b>Qinghai</b>	43.7	0.13	0.88	0.48	20.8	0.10	0.90	23.1	0.81	0.53
<b>Ningxia</b>	47.2	0.26	0.74	0.55	25.7	0.11	0.89	28.1	0.82	0.60
<b>Xinjiang</b>	53.0	0.19	0.81	0.50	26.7	0.16	0.84	30.9	0.73	0.58

122 † Average fraction of time windows are open ( $t_{open}$ ) or closed ( $t_{closed}$ ), or residents are outside ( $t_{out}$ ) or inside ( $t_{in}$ ) for the cities within the identified province.

123 ‡ Fraction of total PM<sub>2.5</sub> (of outdoor origin) exposure that occurred indoors.

124

**Table S2. Provincial population and mortality rates for individuals ≥25 years of age in urban China in 2015**

Province	Population			Baseline mortality rate							
	Female	Male	Both sexes	Female				Male			
				COPD	IHD	LC	STROKE	COPD	IHD	LC	STROKE
<b>Beijing</b>	6.07E+06	6.41E+06	1.25E+07	2.85E-04	1.33E-03	3.56E-04	1.20E-03	3.91E-04	1.71E-03	7.29E-04	1.76E-03
<b>Tianjin</b>	3.51E+06	3.98E+06	7.49E+06	3.20E-04	1.53E-03	4.51E-04	1.21E-03	3.53E-04	1.76E-03	7.62E-04	1.70E-03
<b>Hebei</b>	4.83E+06	4.85E+06	9.69E+06	3.44E-04	1.54E-03	3.09E-04	2.11E-03	5.09E-04	2.13E-03	8.59E-04	3.14E-03
<b>Shanxi</b>	3.03E+06	3.19E+06	6.23E+06	4.54E-04	1.34E-03	3.03E-04	1.86E-03	7.48E-04	1.67E-03	8.17E-04	2.43E-03
<b>Inner Mongolia</b>	2.77E+06	2.99E+06	5.76E+06	7.12E-04	1.79E-03	3.76E-04	2.01E-03	8.31E-04	2.26E-03	7.52E-04	3.12E-03
<b>Liaoning</b>	8.18E+06	8.25E+06	1.64E+07	3.83E-04	1.61E-03	5.36E-04	1.67E-03	4.50E-04	2.22E-03	1.12E-03	2.94E-03
<b>Jilin</b>	3.69E+06	3.75E+06	7.44E+06	3.48E-04	2.00E-03	4.32E-04	1.75E-03	4.07E-04	2.45E-03	8.10E-04	2.82E-03
<b>Heilongjiang</b>	5.11E+06	5.21E+06	1.03E+07	4.90E-04	2.12E-03	5.92E-04	1.75E-03	5.19E-04	2.50E-03	1.01E-03	2.92E-03
<b>Shanghai</b>	6.76E+06	7.14E+06	1.39E+07	3.81E-04	5.73E-04	2.72E-04	1.05E-03	7.07E-04	6.91E-04	7.39E-04	1.19E-03
<b>Jiangsu</b>	1.08E+07	1.06E+07	2.14E+07	5.85E-04	8.05E-04	2.91E-04	1.48E-03	8.39E-04	1.02E-03	7.67E-04	1.85E-03
<b>Zhejiang</b>	7.22E+06	7.52E+06	1.47E+07	6.67E-04	4.95E-04	2.77E-04	1.10E-03	9.01E-04	5.74E-04	8.59E-04	1.38E-03
<b>Anhui</b>	4.16E+06	4.13E+06	8.29E+06	6.95E-04	1.23E-03	3.15E-04	1.95E-03	9.46E-04	1.35E-03	8.82E-04	2.38E-03
<b>Fujian</b>	4.26E+06	4.39E+06	8.65E+06	6.97E-04	8.33E-04	2.74E-04	1.50E-03	1.24E-03	1.15E-03	8.99E-04	2.24E-03
<b>Jiangxi</b>	2.36E+06	2.35E+06	4.71E+06	7.46E-04	1.13E-03	3.14E-04	1.57E-03	1.08E-03	1.43E-03	8.78E-04	1.83E-03
<b>Shandong</b>	1.01E+07	9.93E+06	2.00E+07	5.96E-04	1.48E-03	3.96E-04	1.65E-03	8.28E-04	2.01E-03	1.03E-03	2.50E-03
<b>Henan</b>	5.75E+06	5.50E+06	1.12E+07	6.04E-04	1.61E-03	3.08E-04	2.27E-03	9.28E-04	1.98E-03	7.53E-04	2.75E-03
<b>Hubei</b>	5.77E+06	5.88E+06	1.17E+07	6.89E-04	1.16E-03	2.91E-04	1.87E-03	1.05E-03	1.38E-03	8.49E-04	2.38E-03
<b>Hunan</b>	4.38E+06	4.52E+06	8.90E+06	7.00E-04	1.22E-03	2.56E-04	1.36E-03	1.02E-03	1.64E-03	7.66E-04	2.08E-03
<b>Guangdong</b>	1.63E+07	1.73E+07	3.36E+07	6.31E-04	1.08E-03	2.82E-04	1.36E-03	9.93E-04	1.57E-03	7.90E-04	1.93E-03
<b>Guangxi</b>	2.66E+06	2.77E+06	5.43E+06	1.04E-03	1.16E-03	2.98E-04	1.57E-03	1.39E-03	1.81E-03	9.00E-04	2.41E-03

<b>Hainan</b>	2.27E+05	2.48E+05	4.75E+05	6.88E-04	7.62E-04	1.80E-04	1.50E-03	1.05E-03	1.20E-03	6.51E-04	1.89E-03
<b>Chongqing</b>	3.06E+06	3.09E+06	6.15E+06	1.25E-03	9.28E-04	3.79E-04	1.44E-03	1.78E-03	1.12E-03	1.07E-03	2.04E-03
<b>Sichuan</b>	5.43E+06	5.51E+06	1.09E+07	1.45E-03	8.10E-04	3.96E-04	1.55E-03	1.80E-03	1.02E-03	9.88E-04	2.10E-03
<b>Guizhou</b>	1.65E+06	1.70E+06	3.35E+06	1.58E-03	9.42E-04	2.76E-04	2.10E-03	2.03E-03	1.15E-03	7.74E-04	3.52E-03
<b>Yunnan</b>	1.97E+06	2.10E+06	4.06E+06	1.25E-03	9.76E-04	2.51E-04	1.48E-03	1.82E-03	1.35E-03	6.84E-04	1.99E-03
<b>Tibet</b>	8.01E+04	8.38E+04	1.64E+05	5.39E-04	1.12E-03	7.00E-05	2.95E-03	6.60E-04	1.23E-03	1.05E-04	3.19E-03
<b>Shaanxi</b>	2.89E+06	3.02E+06	5.91E+06	5.07E-04	1.50E-03	2.34E-04	2.02E-03	7.07E-04	1.82E-03	5.82E-04	2.29E-03
<b>Gansu</b>	1.67E+06	1.71E+06	3.38E+06	1.69E-03	1.02E-03	1.63E-04	1.62E-03	1.82E-03	1.39E-03	3.44E-04	1.75E-03
<b>Qinghai</b>	4.25E+05	4.57E+05	8.82E+05	1.58E-03	1.69E-03	2.60E-04	2.08E-03	1.69E-03	1.85E-03	4.49E-04	2.34E-03
<b>Ningxia</b>	6.50E+05	6.77E+05	1.33E+06	8.20E-04	1.64E-03	2.83E-04	1.56E-03	8.36E-04	2.07E-03	5.78E-04	1.91E-03
<b>Xinjiang</b>	1.88E+06	2.03E+06	3.91E+06	1.19E-03	2.02E-03	2.95E-04	2.04E-03	1.24E-03	2.40E-03	5.70E-04	2.12E-03

127 **Table S3. For each province, the sum of its major cities' disease-specific premature mortalities (95% CI) attributable to total PM<sub>2.5</sub> exposure under baseline scenario**  
 128 **(rural areas excluded)**

Province	STROKE	IHD	COPD	LC	Total	Total (per 100000)
<b>Beijing</b>	8342 (3245-10625)	5757 (4149-9329)	1027 (559-1443)	2097 (812-2848)	17225 (11373-22107)	137 (91-177)
<b>Tianjin</b>	4804 (1787-6236)	3588 (2571-5838)	563 (296-809)	1301 (473-1808)	10259 (6772-13293)	136 (90-177)
<b>Hebei</b>	11208 (4434-14309)	5332 (3851-8537)	1006 (554-1410)	1741 (691-2351)	19288 (11966-24538)	199 (123-253)
<b>Shanxi</b>	5476 (1951-7332)	2546 (1809-4088)	733 (365-1084)	867 (287-1242)	9623 (5831-12433)	154 (93-199)
<b>Inner Mongolia</b>	5252 (1856-7360)	2838 (1999-4389)	708 (325-1093)	656 (191-982)	9456 (5796-12396)	164 (100-215)
<b>Liaoning</b>	15504 (5578-20725)	8563 (6086-13734)	1344 (671-1983)	3374 (1127-4822)	28786 (17936-37363)	175 (109-227)
<b>Jilin</b>	7013 (2515-9349)	4532 (3223-7292)	557 (279-820)	1159 (389-1653)	13263 (8315-17493)	178 (111-235)
<b>Heilongjiang</b>	8803 (3146-12228)	5958 (4215-9284)	880 (417-1335)	1758 (540-2592)	17401 (11135-22818)	168 (107-221)
<b>Shanghai</b>	6329 (2244-8530)	2361 (1672-3783)	1452 (712-2152)	1710 (554-2465)	11853 (7352-15048)	85 (52-108)
<b>Jiangsu</b>	14732 (5259-19651)	5342 (3797-8611)	3021 (1512-4439)	2824 (945-4030)	25921 (15866-33059)	121 (74-154)
<b>Zhejiang</b>	7069 (2483-9689)	2024 (1429-3196)	2037 (968-3085)	1871 (575-2746)	13002 (7991-16548)	88 (54-112)
<b>Anhui</b>	7320 (2609-9819)	2883 (2046-4625)	1315 (652-1944)	1209 (398-1735)	12729 (7698-16333)	153 (92-196)
<b>Fujian</b>	4395 (1611-6949)	1790 (1256-2576)	1010 (410-1633)	760 (181-1212)	7956 (5082-10632)	92 (58-122)
<b>Jiangxi</b>	2890 (1002-4030)	1469 (1034-2279)	686 (313-1064)	562 (161-844)	5608 (3548-7218)	119 (75-153)
<b>Shandong</b>	17912 (6829-23193)	10147 (7284-16336)	3223 (1716-4593)	4083 (1526-5625)	35367 (22937-44980)	176 (114-224)
<b>Henan</b>	12578 (4863-16070)	6048 (4357-9799)	2060 (1118-2902)	1793 (691-2441)	22481 (14048-28555)	199 (124-253)
<b>Hubei</b>	10633 (3909-13928)	4209 (3008-6823)	2186 (1133-3162)	1811 (642-2536)	18840 (11686-23945)	161 (100-205)
<b>Hunan</b>	6110 (2159-8281)	3365 (2381-5363)	1416 (687-2118)	1067 (339-1549)	11959 (7585-15479)	134 (85-173)
<b>Guangdong</b>	17185 (6068-25381)	9952 (6990-14816)	3710 (1580-5876)	3076 (792-4791)	33925 (21725-44191)	100 (64-131)
<b>Guangxi</b>	3880 (1349-5428)	1964 (1383-3040)	1044 (474-1618)	652 (186-981)	7541 (4791-9714)	138 (88-178)
<b>Hainan</b>	151 (64-249)	83 (58-111)	38 (14-65)	22 (4-37)	296 (205-396)	62 (43-83)

<b>Chongqing</b>	4354 (1544-5867)	1685 (1193-2701)	1776 (871-2632)	1071 (347-1543)	8888 (5665-11180)	144 (92-181)
<b>Sichuan</b>	7637 (2742-10395)	2593 (1838-4105)	3234 (1581-4825)	1740 (561-2520)	15205 (9717-19122)	139 (88-174)
<b>Guizhou</b>	2784 (1005-4131)	762 (535-1126)	795 (337-1269)	288 (74-450)	4631 (2814-6133)	138 (84-183)
<b>Yunnan</b>	1992 (722-3042)	1008 (706-1471)	781 (323-1254)	298 (73-471)	4080 (2676-5317)	100 (65-130)
<b>Tibet</b>	104 (42-162)	35 (24-50)	9 (3-16)	1 (0-2)	151 (87-212)	92 (53-129)
<b>Shaanxi</b>	5079 (1797-6862)	2593 (1837-4137)	671 (327-999)	571 (183-827)	8916 (5389-11656)	150 (91-197)
<b>Gansu</b>	2066 (721-2873)	1003 (707-1558)	960 (441-1479)	174 (50-261)	4205 (2678-5426)	124 (79-160)
<b>Qinghai</b>	733 (260-1007)	396 (280-624)	250 (118-378)	68 (21-100)	1449 (922-1872)	164 (104-212)
<b>Ningxia</b>	877 (307-1206)	626 (441-985)	188 (88-287)	124 (37-183)	1817 (1170-2392)	136 (88-180)
<b>Xinjiang</b>	3214 (1222-4261)	2356 (1683-3723)	973 (508-1413)	441 (160-617)	6986 (4669-9004)	178 (119-230)
<b>China</b>	<b>206440 (75336-279179)</b>	<b>103824 (73854-164344)</b>	<b>39671 (19368-59195)</b>	<b>39184 (13024-56280)</b>	<b>389121 (245439-500866)</b>	<b>139 (88-179)</b>

129

130

**Table S4. For each province, the sum of its major cities' disease-specific premature mortalities attributable to *indoor PM<sub>2.5</sub>* exposure under baseline scenario (rural**

131

**areas excluded)**

Province	STROKE	IHD	COPD	LC	Total	Total (per 100000)
<b>Beijing</b>	5789 (1765-8296)	2732 (1650-6077)	706 (439-924)	1473 (701-1779)	10701 (5933-15539)	85 (47-124)
<b>Tianjin</b>	3520 (988-5134)	1734 (1035-3944)	389 (232-518)	921 (409-1137)	6566 (3557-9739)	87 (47-129)
<b>Hebei</b>	7754 (2516-11134)	2697 (1630-5674)	708 (440-931)	1249 (599-1519)	12410 (6523-17437)	128 (67-180)
<b>Shanxi</b>	4600 (1244-6773)	1434 (850-3240)	554 (306-763)	671 (259-881)	7261 (3512-10455)	116 (56-167)
<b>Inner Mongolia</b>	4652 (1288-7059)	1805 (1065-3752)	563 (281-812)	533 (176-750)	7555 (3753-10982)	131 (65-190)
<b>Liaoning</b>	13861 (3950-19833)	5536 (3263-11908)	1104 (595-1538)	2827 (1061-3797)	23330 (11996-33363)	142 (73-203)
<b>Jilin</b>	6361 (1836-9036)	3003 (1784-6438)	464 (251-646)	985 (369-1322)	10815 (5556-15694)	145 (74-210)
<b>Heilongjiang</b>	8350 (2674-12009)	4901 (3051-8685)	799 (391-1180)	1611 (524-2310)	15662 (9092-21626)	151 (88-209)
<b>Shanghai</b>	6145 (1902-8500)	1963 (1100-3697)	1356 (683-1944)	1615 (551-2313)	11081 (6317-14586)	79 (45-104)
<b>Jiangsu</b>	14296 (4524-19566)	4452 (2535-8387)	2824 (1455-4034)	2669 (937-3759)	24242 (13488-32039)	113 (63-149)
<b>Zhejiang</b>	6981 (2302-9683)	1865 (1146-3170)	1977 (951-2941)	1826 (575-2664)	12651 (7484-16254)	85 (50-110)
<b>Anhui</b>	6991 (2138-9716)	2242 (1303-4403)	1190 (615-1695)	1109 (390-1549)	11535 (6169-15646)	139 (74-188)
<b>Fujian*</b>	*	*	*	*	*	*
<b>Jiangxi</b>	2851 (930-4028)	1348 (801-2251)	664 (306-1004)	547 (160-814)	5411 (3243-7140)	114 (68-151)
<b>Shandong</b>	15640 (4826-21648)	6631 (4039-13703)	2651 (1520-3614)	3415 (1435-4406)	28338 (15768-39266)	141 (78-196)
<b>Henan</b>	7157 (2118-10595)	2435 (1472-5375)	1259 (800-1631)	1120 (553-1327)	11971 (6290-16935)	106 (55-150)
<b>Hubei</b>	8705 (2431-12540)	2311 (1382-5241)	1640 (947-2219)	1390 (580-1769)	14048 (7012-19601)	120 (60-168)
<b>Hunan</b>	5900 (1817-8232)	2740 (1566-5186)	1307 (655-1886)	997 (335-1420)	10945 (6188-14975)	123 (69-168)
<b>Guangdong*</b>	*	*	*	*	*	*
<b>Guangxi</b>	3589 (996-5347)	1335 (773-2747)	876 (424-1273)	559 (177-802)	6360 (3366-8933)	117 (62-164)
<b>Hainan*</b>	*	*	*	*	*	*

<b>Chongqing</b>	3990 (1118-5719)	1097 (650-2436)	1480 (790-2065)	912 (330-1233)	7479 (4115-10063)	121 (66-163)
<b>Sichuan</b>	6497 (1832-9651)	1572 (952-3321)	2503 (1342-3519)	1375 (510-1850)	11949 (6523-16044)	109 (59-146)
<b>Guizhou</b>	2778 (994-4131)	751 (504-1125)	790 (336-1252)	287 (74-446)	4607 (2748-6112)	137 (82-182)
<b>Yunnan</b>	1916 (616-3032)	828 (487-1393)	712 (304-1106)	275 (72-426)	3732 (2196-5076)	91 (54-124)
<b>Tibet</b>	95 (36-155)	30 (19-45)	8 (3-14)	1 (0-2)	136 (74-197)	83 (45-120)
<b>Shaanxi</b>	3842 (989-5881)	1239 (733-2881)	452 (253-620)	396 (155-512)	5930 (2714-8812)	100 (45-149)
<b>Gansu</b>	1472 (354-2382)	421 (247-1005)	582 (314-807)	109 (40-144)	2585 (1240-3756)	76 (36-111)
<b>Qinghai</b>	677 (195-984)	277 (163-565)	212 (107-304)	59 (20-83)	1226 (653-1720)	139 (74-195)
<b>Ningxia</b>	829 (239-1193)	460 (265-923)	165 (82-239)	111 (36-158)	1566 (853-2240)	118 (64-168)
<b>Xinjiang</b>	2001 (480-3107)	1065 (646-2260)	614 (368-824)	284 (128-357)	3966 (2159-5768)	101 (55-147)
<b>China</b>	<b>178980 (54856-257959)</b>	<b>70713 (43375-137347)</b>	<b>33321 (17208-47884)</b>	<b>33197 (12148-45579)</b>	<b>316212 (175518-435211)</b>	<b>113 (62-156)</b>

132 \* For provinces with relatively low outdoor PM<sub>2.5</sub> levels, such as Fujian, Guangdong and Hainan, the present analysis is inappropriate. In such cases, outdoor exposures are  
 133 often lower than the minimum-risk concentration, which translates to no health benefits from reductions in PM<sub>2.5</sub> exposure. Thus, we leave such cells in Table S4 blank.

**Table S5. For each province, the sum of its major cities' avoidable mortalities that could be achieved by meeting different indoor PM<sub>2.5</sub> guidelines (rural areas excluded)**

Province	Mortalities that might be avoided by meeting different indoor PM <sub>2.5</sub> guidelines ( $\Delta\text{Mort}_{\text{avoidable}}$ )							
	35 $\mu\text{g}/\text{m}^3$	30 $\mu\text{g}/\text{m}^3$	25 $\mu\text{g}/\text{m}^3$	20 $\mu\text{g}/\text{m}^3$	15 $\mu\text{g}/\text{m}^3$	10 $\mu\text{g}/\text{m}^3$	5 $\mu\text{g}/\text{m}^3$	0 $\mu\text{g}/\text{m}^3$
Beijing	1204 (709-1784)	1801 (1043-2664)	2521 (1416-3730)	3411 (1854-4951)	4543 (2339-6544)	6020 (3038-8609)	8006 (4542-11527)	10701 (5933-15539)
Tianjin	201 (118-297)	584 (338-866)	1047 (586-1537)	1625 (882-2375)	2367 (1209-3425)	3352 (1706-4914)	4703 (2651-6916)	6566 (3557-9739)
Hebei	953 (519-1507)	1470 (774-2297)	2106 (1074-3243)	2990 (1451-4512)	4273 (1926-6331)	6121 (2653-8915)	8729 (4179-12522)	12410 (6523-17437)
Shanxi	0 (0-0)	105 (52-156)	488 (229-717)	1079 (474-1556)	1971 (822-2839)	3200 (1469-4675)	4937 (2370-7229)	7261 (3512-10455)
Inner Mongolia	0 (0-0)	0 (0-0)	26 (11-39)	308 (128-449)	1092 (437-1622)	2498 (1108-3815)	4638 (2064-7148)	7555 (3753-10982)
Liaoning	159 (88-238)	542 (292-805)	1452 (733-2135)	3422 (1580-4975)	6223 (2729-9073)	10133 (4895-14942)	15723 (7737-23326)	23330 (11996-33363)
Jilin	0 (0-0)	116 (60-178)	567 (277-856)	1398 (632-2086)	2640 (1125-3932)	4438 (2079-6683)	7086 (3447-10720)	10815 (5556-15694)
Heilongjiang	1 (0-2)	231 (127-347)	527 (281-780)	1144 (558-1687)	2709 (1234-4027)	5542 (2654-8459)	9757 (4716-14932)	15662 (9092-21626)
Shanghai	638 (334-873)	1322 (666-1800)	2159 (1048-2955)	3203 (1541-4433)	4531 (2389-6319)	6245 (3212-8844)	8360 (4213-11749)	11081 (6317-14586)
Jiangsu	1671 (843-2367)	3089 (1478-4319)	4845 (2220-6741)	7062 (3209-9859)	9922 (4963-13961)	13666 (6824-19379)	18341 (8899-25835)	24242 (13488-32039)
Zhejiang	423 (224-569)	1133 (570-1529)	2147 (1038-2928)	3429 (1686-4770)	5070 (2640-7188)	7155 (3574-10194)	9652 (4840-13412)	12651 (7484-16254)
Anhui	636 (307-916)	1291 (592-1833)	2103 (917-2966)	3184 (1391-4518)	4581 (2209-6563)	6410 (3111-9241)	8706 (4108-12486)	11535 (6169-15646)
Fujian	0 (0-0)	0 (0-0)	80 (35-121)	762 (334-1195)	2291 (974-3601)	4172 (1825-6779)	6364 (3223-9386)	7956 (5082-10632)

<b>Jiangxi</b>	47 (23-66)	344 (158-496)	808 (375-1178)	1379 (672-2059)	2093 (1008-3148)	2977 (1405-4452)	4019 (1968-5884)	5411 (3243-7140)
<b>Shandong</b>	2059 (1232-3002)	3188 (1857-4622)	4804 (2682-6910)	7076 (3719-10080)	10204 (5156-14460)	14466 (7640-20533)	20375 (11098-29080)	28338 (15768-39266)
<b>Henan</b>	1408 (760-2132)	2113 (1111-3175)	2957 (1509-4401)	3989 (1944-5861)	5281 (2456-7629)	6934 (3131-9873)	9095 (4489-12845)	11971 (6290-16935)
<b>Hubei</b>	1780 (920-2577)	2622 (1295-3758)	3642 (1728-5144)	4897 (2249-6848)	6466 (3096-9018)	8463 (4373-11859)	11001 (5596-15420)	14048 (7012-19601)
<b>Hunan</b>	571 (291-810)	1232 (603-1754)	2066 (970-2961)	3103 (1485-4484)	4419 (2253-6452)	6106 (3024-8990)	8181 (4034-11920)	10945 (6188-14975)
<b>Guangdong</b>	0 (0-0)	531 (235-784)	2694 (1255-4122)	6763 (3138-10492)	12028 (5441-18693)	18376 (8426-28462)	25827 (13078-38093)	33888 (21691-44170)
<b>Guangxi</b>	46 (23-64)	250 (118-356)	762 (352-1102)	1463 (697-2165)	2339 (1132-3510)	3431 (1613-5151)	4746 (2246-7038)	6360 (3366-8933)
<b>Hainan</b>	0 (0-0)	0 (0-0)	0 (0-0)	4 (2-8)	67 (28-126)	151 (70-262)	258 (154-371)	296 (205-396)
<b>Chongqing</b>	807 (457-1083)	1308 (727-1760)	1904 (1017-2574)	2624 (1389-3563)	3508 (1940-4835)	4605 (2470-6419)	5929 (3105-8201)	7479 (4115-10063)
<b>Sichuan</b>	1028 (611-1382)	1681 (959-2248)	2538 (1396-3403)	3611 (1936-4873)	5059 (2706-6929)	6933 (3747-9645)	9269 (4896-12847)	11949 (6523-16044)
<b>Guizhou</b>	0 (0-0)	25 (10-35)	171 (69-247)	535 (227-804)	1219 (518-1885)	2266 (935-3558)	3497 (1579-5171)	4607 (2748-6112)
<b>Yunnan</b>	0 (0-0)	0 (0-0)	57 (27-83)	325 (155-489)	894 (412-1366)	1654 (748-2556)	2576 (1232-3882)	3732 (2196-5076)
<b>Tibet</b>	0 (0-0)	0 (0-0)	0 (0-1)	3 (0-5)	6 (1-10)	18 (5-29)	71 (26-130)	136 (74-197)
<b>Shaanxi</b>	0 (0-0)	22 (10-33)	348 (152-516)	843 (347-1229)	1594 (630-2350)	2627 (1145-3922)	4046 (1885-6057)	5930 (2714-8812)
<b>Gansu</b>	0 (0-0)	0 (0-0)	12 (6-16)	147 (78-204)	502 (250-714)	1021 (504-1487)	1704 (830-2505)	2585 (1240-3756)
<b>Qinghai</b>	0 (0-0)	0 (0-0)	16 (9-23)	88 (45-124)	232 (111-332)	443 (218-646)	773 (377-1143)	1226 (653-1720)
<b>Ningxia</b>	0 (0-0)	0 (0-0)	37 (18-55)	163 (75-242)	365 (171-550)	643 (319-984)	1028 (492-1567)	1566 (853-2240)
<b>Xinjiang</b>	200 (131-288)	335 (214-484)	498 (308-720)	740 (439-1067)	1190 (661-1720)	1812 (977-2654)	2717 (1432-4023)	3966 (2159-5768)

<b>China</b>	<b>13839 (7599-19964)</b>	<b>25348 (13300-36308)</b>	<b>43397 (21754-62219)</b>	<b>70784 (34331-101979)</b>	<b>109697 (52983-159167)</b>	<b>161894 (78915-236948)</b>	<b>230128 (115519-333379)</b>	<b>316212 (175518-435211)</b>
--------------	---------------------------	----------------------------	----------------------------	-----------------------------	------------------------------	------------------------------	-------------------------------	-------------------------------

**Table S6. For the top 20 cities, avoidable mortalities achieved by meeting different indoor PM<sub>2.5</sub> guidelines (rural areas excluded)**

Province	City	Population*	C <sub>out</sub> (µg/ m <sup>3</sup> )	C <sub>in</sub> (µg/ m <sup>3</sup> )	ΔMort <sub>bl†</sub>	Mortalities that might be avoided by meeting different indoor PM <sub>2.5</sub> guidelines (ΔMort <sub>avoidable</sub> )							
						35 µg/m <sup>3</sup>	30 µg/m <sup>3</sup>	25 µg/m <sup>3</sup>	20 µg/m <sup>3</sup>	15 µg/m <sup>3</sup>	10 µg/m <sup>3</sup>	5 µg/m <sup>3</sup>	0 µg/m <sup>3</sup>
Shanghai	Shanghai	1389842 6	55	40	11853 (7352- 15048)	638 (334- 873)	1322 (666- 1800)	2159 (1048- 2955)	3203 (1541- 4433)	4531 (2389- 6319)	6245 (3212- 8844)	8360 (4213- 11749)	11081 (6317- 14586)
Beijing	Beijing	1248684 6	83	48	17225 (11373- 22107)	1204 (709- 1784)	1801 (1043- 2664)	2521 (1416- 3730)	3411 (1854- 4951)	4543 (2339- 6544)	6020 (3038- 8609)	8006 (4542- 11527)	10701 (5933- 15539)
Tianjin	Tianjin	7492555	71	38	10259 (6772- 13293)	201 (118- 297)	584 (338- 866)	1047 (586- 1537)	1625 (882- 2375)	2367 (1209- 3425)	3352 (1706- 4914)	4703 (2651- 6916)	6566 (3557- 9739)
Chongqing	Chongqing	6152546	55	45	8888 (5665- 11180)	807 (457- 1083)	1308 (727- 1760)	1904 (1017- 2574)	2624 (1389- 3563)	3508 (1940- 4835)	4605 (2470- 6419)	5929 (3105- 8201)	7479 (4115- 10063)
Guangdong	Guangzhou	4094549	37	32	4493 (2835- 5804)	0 (0-0)	195 (86-288)	602 (280- 912)	1102 (523- 1693)	1723 (795- 2657)	2478 (1142- 3762)	3355 (1662- 4988)	4481 (2829- 5793)
Guangdong	Shenzhen	3339233	29	25	3146 (2037- 4136)	0 (0-0)	0 (0-0)	69 (32-108)	500 (225- 788)	1035 (459- 1615)	1677 (765- 2631)	2434 (1253- 3557)	3146 (2037- 4136)
Liaoning	Shenyang	3043059	75	38	5840 (3699- 7476)	140 (79- 211)	360 (196- 536)	631 (332- 934)	978 (491- 1423)	1438 (678- 2058)	2070 (984- 2976)	2973 (1622- 4281)	4225 (2177- 6063)
Heilongjiang	Harbin	2865256	70	35	5775 (3711- 7490)	1 (0-2)	231 (127- 347)	517 (276- 765)	885 (445- 1302)	1378 (654- 1997)	2066 (1029- 2999)	3064 (1630- 4506)	4446 (2341- 6441)
Jiangsu	Suzhou	2844627	58	41	3427 (2093- 4384)	205 (101- 290)	395 (186- 552)	630 (285- 878)	926 (418- 1297)	1310 (655- 1842)	1811 (896- 2576)	2436 (1172- 3438)	3234 (1811- 4267)
Guangdong	Dongguan	2650070	36	31	2841 (1796- 3672)	0 (0-0)	70 (31-104)	336 (158- 516)	663 (311- 1018)	1069 (489- 1656)	1561 (717- 2381)	2135 (1063- 3172)	2841 (1796- 3672)
Liaoning	Dalian	2511569	49	25	4159 (2570- 5448)	0 (0-0)	0 (0-0)	17 (7-25)	353 (148- 517)	809 (337- 1200)	1449 (699- 2174)	2364 (1095- 3578)	3602 (1854- 5135)

<b>Zhejiang</b>	<b>Wenzhou</b>	2470237	45	34	2104 (1287-2688)	0 (0-0)	123 (58-168)	301 (139-417)	522 (256-737)	803 (406-1165)	1160 (563-1681)	1584 (784-2223)	2088 (1263-2675)
<b>Zhejiang</b>	<b>Hangzhou</b>	2356042	55	42	2214 (1368-2799)	154 (82-208)	286 (148-385)	446 (223-601)	645 (317-884)	897 (486-1236)	1218 (633-1695)	1608 (820-2210)	2096 (1199-2696)
<b>Jiangsu</b>	<b>Xuzhou</b>	2332154	67	48	2959 (1832-3747)	290 (152-415)	439 (220-617)	623 (299-865)	854 (399-1178)	1152 (585-1589)	1542 (813-2132)	2036 (1021-2818)	2628 (1417-3516)
<b>Guangdong</b>	<b>Foshan</b>	2319335	38	33	2582 (1626-3336)	0 (0-0)	140 (62-206)	369 (170-555)	650 (310-1000)	1000 (464-1537)	1425 (658-2148)	1920 (948-2857)	2566 (1608-3329)
<b>Guangdong</b>	<b>Zhanjiang</b>	2254536	27	23	1965 (1299-2611)	0 (0-0)	0 (0-0)	0 (0-0)	210 (92-332)	578 (254-917)	1017 (467-1674)	1545 (820-2266)	1965 (1299-2611)
<b>Jiangsu</b>	<b>Nanjing</b>	2175653	59	42	2648 (1623-3376)	179 (90-253)	323 (154-452)	501 (229-697)	726 (329-1015)	1017 (511-1430)	1397 (698-1983)	1872 (908-2637)	2476 (1369-3273)
<b>Hubei</b>	<b>Wuhan</b>	2127196	71	53	3515 (2195-4455)	380 (199-553)	530 (266-762)	710 (345-1005)	932 (434-1297)	1208 (580-1673)	1559 (823-2165)	2007 (1049-2787)	2552 (1283-3553)
<b>Shandong</b>	<b>Linyi</b>	2096253	81	46	3852 (2515-4880)	267 (158-390)	420 (242-608)	608 (340-875)	847 (449-1204)	1161 (591-1630)	1586 (850-2225)	2180 (1218-3086)	2968 (1607-4160)
<b>Jilin</b>	<b>Changchun</b>	2079361	68	32	3897 (2455-5118)	0 (0-0)	90 (46-138)	279 (139-421)	524 (245-785)	857 (377-1259)	1328 (621-1959)	2020 (1030-3013)	2992 (1511-4369)

137 \* Urban population  $\geq 25$  years of age

138 † Premature mortality attributable to outdoor PM<sub>2.5</sub> exposure under baseline scenario

139

140

141

**Table S7. For the major cities within each province, city-specific avoidable mortalities (95% CI) achieved by meeting different indoor PM<sub>2.5</sub> guidelines (rural areas excluded)**

Province	City	C <sub>out</sub> (µg/ m <sup>3</sup> )	C <sub>in</sub> (µg/ m <sup>3</sup> )	ΔMort <sub>bi</sub> <sup>†</sup>	Mortalities that might be avoided by meeting different indoor PM <sub>2.5</sub> guidelines (ΔMort <sub>avoidable</sub> )							
					35 µg/m <sup>3</sup>	30 µg/m <sup>3</sup>	25 µg/m <sup>3</sup>	20 µg/m <sup>3</sup>	15 µg/m <sup>3</sup>	10 µg/m <sup>3</sup>	5 µg/m <sup>3</sup>	0 µg/m <sup>3</sup>
Beijing	Beijing	83	48	17225 (11373-22107)	1204 (709-1784)	1801 (1043-2664)	2521 (1416-3730)	3411 (1854-4951)	4543 (2339-6544)	6020 (3038-8609)	8006 (4542-11527)	10701 (5933-15539)
Tianjin	Tianjin	71	38	10259 (6772-13293)	201 (118-297)	584 (338-866)	1047 (586-1537)	1625 (882-2375)	2367 (1209-3425)	3352 (1706-4914)	4703 (2651-6916)	6566 (3557-9739)
Hebei	Baoding	111	56	3240 (2081-4061)	258 (145-408)	345 (190-545)	452 (242-701)	585 (305-888)	757 (375-1130)	988 (453-1428)	1309 (610-1841)	1770 (1007-2452)
Hebei	Tangshan	89	45	2095 (1295-2658)	106 (56-167)	171 (87-266)	252 (125-386)	354 (170-534)	490 (217-724)	675 (286-973)	936 (466-1327)	1312 (677-1846)
Hebei	Langfang	87	44	1195 (735-1521)	54 (28-85)	92 (46-143)	139 (68-214)	199 (94-299)	279 (121-410)	388 (164-556)	542 (273-767)	764 (389-1083)
Hebei	Zhangjiakou	34	17	822 (491-1094)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	59 (23-94)	232 (92-374)	474 (191-746)	802 (453-1085)
Hebei	Chengde	43	21	749 (438-983)	0 (0-0)	0 (0-0)	0 (0-0)	25 (8-38)	115 (43-174)	242 (104-379)	423 (175-652)	667 (326-952)
Hebei	Cangzhou	72	36	1869 (1127-2406)	21 (10-32)	88 (42-134)	171 (79-261)	279 (120-418)	425 (170-619)	626 (264-904)	914 (460-1325)	1316 (627-1891)
Hebei	Shijiazhuang	89	45	2807 (1735-3563)	140 (74-220)	228 (116-354)	336 (167-516)	474 (227-714)	656 (290-969)	905 (384-1305)	1257 (628-1785)	1764 (908-2484)
Hebei	Qinhuangdao	49	25	686 (403-901)	0 (0-0)	0 (0-0)	0 (0-0)	53 (19-79)	126 (46-189)	230 (102-348)	378 (161-572)	570 (268-831)
Hebei	Hengshui	101	51	1233 (778-1554)	84 (46-134)	120 (64-188)	163 (85-251)	217 (109-329)	289 (137-427)	385 (170-555)	520 (251-731)	715 (394-1001)

<b>Hebei</b>	<b>Xingtai</b>	104	52	2029 (1286-2553)	145 (80-230)	202 (109-318)	272 (143-421)	360 (183-547)	475 (228-702)	630 (280-911)	846 (404-1191)	1158 (647-1613)
<b>Hebei</b>	<b>Handan</b>	93	47	2558 (1591-3239)	143 (77-227)	221 (115-345)	317 (160-488)	439 (213-660)	599 (271-887)	817 (350-1177)	1124 (554-1580)	1567 (823-2194)
<b>Shanxi</b>	<b>Linfen</b>	61	31	1195 (724-1541)	0 (0-0)	13 (6-19)	74 (34-108)	153 (68-219)	257 (107-369)	401 (183-580)	604 (295-874)	877 (420-1266)
<b>Shanxi</b>	<b>Lvliang</b>	45	23	915 (549-1194)	0 (0-0)	0 (0-0)	0 (0-0)	51 (19-74)	154 (63-229)	297 (136-453)	500 (220-759)	761 (372-1102)
<b>Shanxi</b>	<b>Datong</b>	41	21	777 (468-1013)	0 (0-0)	0 (0-0)	0 (0-0)	17 (6-25)	112 (44-167)	244 (109-379)	431 (187-660)	678 (341-968)
<b>Shanxi</b>	<b>Taiyuan</b>	60	30	1157 (700-1493)	0 (0-0)	8 (3-11)	68 (31-99)	145 (63-207)	247 (102-356)	388 (178-562)	587 (285-851)	855 (409-1234)
<b>Shanxi</b>	<b>Xinzhou</b>	60	30	845 (512-1091)	0 (0-0)	6 (3-9)	50 (23-73)	106 (47-152)	181 (75-260)	283 (130-410)	429 (208-621)	624 (298-900)
<b>Shanxi</b>	<b>Jinzhong</b>	58	29	883 (533-1141)	0 (0-0)	0 (0-0)	44 (20-64)	104 (45-150)	185 (76-266)	296 (138-434)	453 (217-662)	663 (316-957)
<b>Shanxi</b>	<b>Jincheng</b>	58	29	621 (375-802)	0 (0-0)	0 (0-0)	32 (14-47)	74 (32-106)	131 (54-187)	208 (97-304)	318 (153-464)	465 (222-671)
<b>Shanxi</b>	<b>Shuozhou</b>	52	27	450 (270-583)	0 (0-0)	0 (0-0)	11 (4-15)	44 (18-64)	88 (35-129)	150 (70-221)	237 (109-352)	351 (167-508)
<b>Shanxi</b>	<b>Yuncheng</b>	67	34	1465 (896-1880)	0 (0-0)	49 (25-73)	119 (58-176)	209 (95-305)	327 (142-465)	489 (223-697)	717 (365-1031)	1030 (502-1477)
<b>Shanxi</b>	<b>Changzhi</b>	65	33	946 (577-1215)	0 (0-0)	27 (14-41)	73 (35-109)	132 (60-193)	210 (90-299)	316 (144-452)	466 (235-669)	671 (326-964)
<b>Shanxi</b>	<b>Yangquan</b>	55	28	366 (220-474)	0 (0-0)	0 (0-0)	14 (6-21)	40 (17-58)	75 (30-107)	122 (57-180)	190 (89-280)	280 (133-403)
<b>Inner Mongolia</b>	<b>Wulanchabu</b>	45	21	868 (526-1139)	0 (0-0)	0 (0-0)	0 (0-0)	27 (10-39)	118 (46-177)	245 (111-373)	428 (190-659)	672 (313-1000)
<b>Inner</b>	<b>Wuhai</b>	55	26	233 (141-304)	0 (0-0)	0 (0-0)	3 (1-5)	19 (8-28)	40 (16-58)	68 (30-102)	109 (52-163)	166 (77-244)

<b>Mongolia</b>												
<b>Inner Mongolia</b>	<b>Xinganmeng</b>	35	17	574 (351-752)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	34 (14-53)	141 (60-223)	292 (123-458)	502 (255-714)
<b>Inner Mongolia</b>	<b>Baotou</b>	52	25	1141 (691-1490)	0 (0-0)	0 (0-0)	2 (1-3)	81 (34-119)	187 (74-272)	334 (149-498)	544 (254-814)	830 (387-1223)
<b>Inner Mongolia</b>	<b>Hulunbeier</b>	32	15	858 (531-1132)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	18 (7-29)	192 (81-307)	439 (184-695)	787 (427-1090)
<b>Inner Mongolia</b>	<b>Huhehaote</b>	44	21	1152 (699-1511)	0 (0-0)	0 (0-0)	0 (0-0)	29 (11-43)	152 (60-229)	324 (146-495)	571 (252-877)	898 (420-1336)
<b>Inner Mongolia</b>	<b>Bayanchuoer</b>	45	21	678 (411-890)	0 (0-0)	0 (0-0)	0 (0-0)	22 (8-33)	93 (36-139)	192 (86-291)	334 (148-514)	523 (244-779)
<b>Inner Mongolia</b>	<b>Chifeng</b>	42	20	1707 (1037-2234)	0 (0-0)	0 (0-0)	0 (0-0)	16 (6-23)	205 (82-309)	471 (212-725)	852 (371-1314)	1357 (644-2012)
<b>Inner Mongolia</b>	<b>Tongliao</b>	55	26	1374 (833-1792)	0 (0-0)	0 (0-0)	19 (9-29)	111 (48-162)	234 (94-342)	404 (178-599)	647 (307-962)	980 (458-1441)
<b>Inner Mongolia</b>	<b>Eerduosi</b>	28	13	587 (375-790)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	101 (41-164)	297 (123-493)	571 (346-785)
<b>Inner Mongolia</b>	<b>Xilinguolemeng</b>	17	8	192 (143-248)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	77 (38-128)	192 (143-248)
<b>Inner Mongolia</b>	<b>Alashanmeng</b>	37	17	84 (51-110)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	6 (2-10)	21 (9-34)	43 (18-66)	71 (35-104)
<b>Liaoning</b>	<b>Dandong</b>	48	24	1508 (932-1976)	0 (0-0)	0 (0-0)	0 (0-0)	121 (50-176)	288 (119-430)	523 (252-787)	860 (396-1302)	1321 (679-1873)
<b>Liaoning</b>	<b>Dalian</b>	49	25	4159 (2570-5448)	0 (0-0)	0 (0-0)	17 (7-25)	353 (148-517)	809 (337-1200)	1449 (699-2174)	2364 (1095-3578)	3602 (1854-5135)
<b>Liaoning</b>	<b>Fushun</b>	55	28	1394 (864-1818)	0 (0-0)	0 (0-0)	58 (27-85)	161 (71-233)	300 (127-	495 (242-	774 (371-	1145 (578-

								438)	735)	1151)	1649)
Liaoning	<b>Chaoyang</b>	41	21	1753 (1082-2295)	0 (0-0)	0 (0-0)	0 (0-0)	52 (20-77)	271 (113-409)	580 (267-899)	1019 (458-1564)
Liaoning	<b>Benxi</b>	56	28	1116 (691-1455)	0 (0-0)	0 (0-0)	47 (22-69)	130 (57-188)	241 (102-351)	396 (194-588)	619 (297-921)
Liaoning	<b>Shenyang</b>	75	38	5840 (3699-7476)	140 (79-211)	360 (196-536)	631 (332-934)	978 (491-1423)	1438 (678-2058)	2070 (984-2976)	2973 (1622-4281)
Liaoning	<b>Panjin</b>	53	27	894 (553-1169)	0 (0-0)	0 (0-0)	27 (12-39)	95 (41-138)	187 (78-274)	316 (153-470)	500 (237-750)
Liaoning	<b>Yingkou</b>	51	26	1533 (947-2004)	0 (0-0)	0 (0-0)	25 (11-37)	146 (62-214)	309 (128-456)	538 (260-806)	865 (405-1303)
Liaoning	<b>Huludao</b>	54	27	1694 (1048-2213)	0 (0-0)	0 (0-0)	58 (27-84)	186 (81-269)	358 (150-525)	600 (292-890)	945 (449-1416)
Liaoning	<b>Liaoyang</b>	62	31	1258 (784-1630)	0 (0-0)	19 (10-29)	86 (42-127)	172 (79-248)	288 (127-419)	449 (223-656)	680 (339-1000)
Liaoning	<b>Tieling</b>	59	30	1813 (1126-2351)	0 (0-0)	6 (3-9)	105 (50-154)	233 (105-337)	406 (175-590)	646 (316-952)	991 (486-1461)
Liaoning	<b>Jinzhou</b>	62	31	2120 (1321-2745)	0 (0-0)	35 (18-52)	147 (72-217)	292 (135-420)	487 (215-707)	757 (375-1104)	1145 (572-1681)
Liaoning	<b>Fuxin</b>	48	25	1125 (695-1474)	0 (0-0)	0 (0-0)	0 (0-0)	92 (38-134)	216 (89-322)	391 (188-587)	641 (296-970)
Liaoning	<b>Anshan</b>	70	36	2570 (1616-3302)	18 (9-27)	119 (63-177)	244 (126-357)	405 (197-593)	620 (284-888)	916 (441-1310)	1340 (707-1942)
Jilin	<b>Jilin</b>	59	28	2152 (1345-2842)	0 (0-0)	0 (0-0)	91 (43-138)	239 (106-354)	441 (186-660)	728 (345-1093)	1152 (559-1745)
Jilin	<b>Siping</b>	65	31	1702 (1070-	0 (0-0)	26 (13-39)	110 (54-166)	219 (101-	368 (160-	579 (269-	890 (448-
											1324 (668-

				2235)				328)	542)	864)	1333)	1941)
Jilin	Yanbianzhou	39	19	925 (582-1227)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	99 (40-154)	271 (121-436)	524 (230-822)	902 (534-1215)
Jilin	Songyuan	51	24	1323 (824-1756)	0 (0-0)	0 (0-0)	0 (0-0)	95 (39-143)	235 (95-356)	435 (205-669)	731 (337-1120)	1154 (593-1660)
Jilin	Baicheng	59	28	991 (619-1309)	0 (0-0)	0 (0-0)	42 (20-64)	110 (49-163)	203 (85-304)	335 (158-504)	530 (257-803)	801 (404-1176)
Jilin	Baishan	55	27	617 (384-814)	0 (0-0)	0 (0-0)	14 (6-22)	59 (25-87)	120 (49-179)	207 (97-314)	335 (159-509)	513 (260-747)
Jilin	Liaoyuan	59	28	572 (358-756)	0 (0-0)	0 (0-0)	23 (11-35)	63 (28-93)	117 (49-175)	193 (91-290)	307 (148-465)	463 (234-681)
Jilin	Tonghua	52	25	1081 (673-1433)	0 (0-0)	0 (0-0)	5 (2-8)	87 (36-129)	198 (81-298)	358 (168-549)	594 (276-908)	925 (471-1346)
Jilin	Changchun	68	32	3897 (2455-5118)	0 (0-0)	90 (46-138)	279 (139-421)	524 (245-785)	857 (377-1259)	1328 (621-1959)	2020 (1030-3013)	2992 (1511-4369)
Heilongjiang	Qitaihe	51	25	450 (284-591)	0 (0-0)	0 (0-0)	5 (2-8)	40 (18-60)	88 (38-132)	156 (77-236)	254 (122-385)	395 (210-565)
Heilongjiang	Yichun	24	12	362 (244-488)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	56 (23-91)	200 (94-335)	362 (244-488)
Heilongjiang	Jiamusi	30	15	948 (611-1252)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	15 (7-25)	235 (103-376)	546 (248-865)	948 (611-1252)
Heilongjiang	Shuangyashan	42	21	655 (414-862)	0 (0-0)	0 (0-0)	0 (0-0)	17 (7-25)	98 (42-150)	213 (101-334)	379 (174-584)	629 (374-857)
Heilongjiang	Haerbin	70	35	5775 (3711-7490)	1 (0-2)	231 (127-347)	517 (276-765)	885 (445-1302)	1378 (654-1997)	2066 (1029-2999)	3064 (1630-4506)	4446 (2341-6441)
Heilongjiang	Daxinganlingdiqiu	23	11	155 (106-208)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	19 (8-33)	84 (40-142)	155 (106-208)
Heilongjiang	Daqing	46	23	1358 (857-1794)	0 (0-0)	0 (0-0)	0 (0-0)	80 (34-119)	236 (101-)	459 (224-)	780 (364-)	1260 (704-)

g									357)	705)	1192)	1758)
<b>Heilongjian g</b>	<b>Mudanjiang</b>	50	25	1353 (854-1784)	0 (0-0)	0 (0-0)	4 (2-6)	112 (49-167)	259 (111-387)	467 (231-710)	769 (366-1169)	1209 (646-1720)
<b>Heilongjian g</b>	<b>Suihua</b>	38	19	2294 (1460-3007)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	261 (116-404)	702 (322-1121)	1334 (607-2080)	2266 (1377-3001)
<b>Heilongjian g</b>	<b>Jixi</b>	27	13	640 (421-853)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	132 (57-212)	363 (166-589)	640 (421-853)
<b>Heilongjian g</b>	<b>Hegang</b>	41	20	469 (297-618)	0 (0-0)	0 (0-0)	0 (0-0)	8 (3-12)	67 (28-103)	151 (71-238)	272 (124-421)	454 (272-613)
<b>Heilongjian g</b>	<b>Heihe</b>	30	15	621 (400-820)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	10 (4-16)	154 (67-246)	358 (162-567)	621 (400-820)
<b>Heilongjian g</b>	<b>Qiqihar</b>	39	19	2317 (1471-3045)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	293 (127-452)	726 (336-1152)	1347 (614-2090)	2272 (1380-3044)
<b>Shanghai</b>	<b>Shanghai</b>	55	40	11853 (7352-15048)	638 (334-873)	1322 (666-1800)	2159 (1048-2955)	3203 (1541-4433)	4531 (2389-6319)	6245 (3212-8844)	8360 (4213-11749)	11081 (6317-14586)
<b>Jiangsu</b>	<b>Nanjing</b>	59	42	2648 (1623-3376)	179 (90-253)	323 (154-452)	501 (229-697)	726 (329-1015)	1017 (511-1430)	1397 (698-1983)	1872 (908-2637)	2476 (1369-3273)
<b>Jiangsu</b>	<b>Nantong</b>	59	42	2400 (1469-3063)	155 (77-220)	287 (136-401)	449 (205-625)	655 (296-915)	920 (462-1295)	1267 (631-1800)	1700 (822-2397)	2252 (1246-2975)
<b>Jiangsu</b>	<b>Suqian</b>	63	45	1591 (980-2021)	130 (67-186)	214 (104-299)	317 (148-440)	447 (206-618)	615 (310-857)	835 (426-1168)	1111 (547-1553)	1455 (792-1938)
<b>Jiangsu</b>	<b>Changzhou</b>	61	44	1539 (947-1959)	119 (60-169)	201 (97-281)	302 (140-418)	430 (196-594)	594 (297-832)	809 (410-1135)	1079 (529-1516)	1419 (777-1884)
<b>Jiangsu</b>	<b>Xuzhou</b>	67	48	2959 (1832-3747)	290 (152-415)	439 (220-617)	623 (299-865)	854 (399-1178)	1152 (585-1589)	1542 (813-2132)	2036 (1021-2818)	2628 (1417-3516)
<b>Jiangsu</b>	<b>Yangzhou</b>	55	39	1430 (868-1831)	62 (30-87)	144 (66-201)	246 (109-	374 (167-	540 (267-	758 (368-	1027 (490-	1373 (783-

						343)	529)	768)	1089)	1457)	1804)	
<b>Jiangsu</b>	<b>Wuxi</b>	55	39	2044 (1241-2617)	89 (43-125)	206 (95-288)	352 (156-491)	535 (239-757)	773 (383-1098)	1083 (527-1557)	1468 (700-2082)	1962 (1119-2578)
<b>Jiangsu</b>	<b>Taizhou</b>	62	45	1557 (959-1979)	127 (65-181)	209 (102-292)	310 (145-430)	438 (201-605)	602 (303-839)	817 (417-1144)	1088 (535-1522)	1425 (776-1898)
<b>Jiangsu</b>	<b>Huaian</b>	60	43	1597 (981-2035)	115 (58-163)	201 (96-281)	307 (141-427)	442 (201-614)	615 (307-864)	841 (422-1188)	1125 (548-1582)	1485 (817-1967)
<b>Jiangsu</b>	<b>Yancheng</b>	51	37	2266 (1367-2903)	49 (23-68)	184 (82-258)	353 (153-495)	566 (252-807)	842 (412-1216)	1203 (569-1751)	1647 (779-2359)	2212 (1281-2876)
<b>Jiangsu</b>	<b>Suzhou</b>	58	41	3427 (2093-4384)	205 (101-290)	395 (186-552)	630 (285-878)	926 (418-1297)	1310 (655-1842)	1811 (896-2576)	2436 (1172-3438)	3234 (1811-4267)
<b>Jiangsu</b>	<b>Lianyungang</b>	55	40	1418 (862-1816)	68 (33-96)	149 (69-208)	249 (111-346)	375 (168-528)	538 (268-765)	751 (367-1078)	1015 (485-1442)	1354 (764-1782)
<b>Jiangsu</b>	<b>Zhenjiang</b>	60	43	1037 (637-1322)	76 (38-107)	131 (63-184)	200 (92-278)	287 (131-399)	399 (199-561)	546 (274-770)	730 (356-1026)	963 (528-1275)
<b>Zhejiang</b>	<b>Lishui</b>	39	29	451 (278-577)	0 (0-0)	0 (0-0)	39 (18-56)	92 (44-136)	160 (77-239)	246 (114-362)	346 (170-487)	451 (278-577)
<b>Zhejiang</b>	<b>Taizhou</b>	42	32	1335 (818-1706)	0 (0-0)	46 (21-63)	164 (74-228)	310 (153-447)	497 (246-730)	734 (350-1075)	1014 (500-1423)	1333 (815-1705)
<b>Zhejiang</b>	<b>Jiaxing</b>	52	40	1122 (689-1425)	60 (31-80)	129 (65-173)	213 (105-288)	317 (157-434)	450 (239-626)	618 (316-870)	822 (415-1132)	1078 (625-1390)
<b>Zhejiang</b>	<b>Ningbo</b>	46	35	1782 (1089-2275)	6 (3-8)	126 (60-171)	273 (128-376)	456 (223-640)	689 (352-991)	984 (482-1412)	1336 (663-1868)	1762 (1057-2259)
<b>Zhejiang</b>	<b>Hangzhou</b>	55	42	2214 (1368-2799)	154 (82-208)	286 (148-385)	446 (223-601)	645 (317-884)	897 (486-1236)	1218 (633-1695)	1608 (820-2210)	2096 (1199-2696)
<b>Zhejiang</b>	<b>Wenzhou</b>	45	34	2104 (1287-)	0 (0-0)	123 (58-168)	301 (139-	522 (256-	803 (406-	1160 (563-	1584 (784-	2088 (1263-

				2688)			417)	737)	1165)	1681)	2223)	2675)
Zhejiang	Huzhou	55	42	735 (454-929)	50 (26-67)	94 (48-126)	147 (73-198)	214 (105-292)	297 (161-410)	404 (210-563)	534 (272-735)	696 (399-896)
Zhejiang	Shaoxing	54	41	1239 (764-1569)	78 (41-105)	153 (78-206)	244 (121-330)	357 (176-489)	500 (269-692)	682 (352-954)	903 (459-1244)	1181 (682-1520)
Zhejiang	Zhoushan	30	22	200 (126-265)	0 (0-0)	0 (0-0)	0 (0-0)	18 (8-28)	56 (25-85)	103 (46-158)	158 (79-228)	200 (126-265)
Zhejiang	Quzhou	42	32	477 (292-609)	0 (0-0)	18 (8-25)	60 (27-83)	112 (55-160)	178 (88-261)	262 (125-383)	361 (178-507)	476 (290-608)
Zhejiang	Jinhua	53	40	1338 (822-1700)	73 (38-98)	155 (79-208)	256 (126-346)	380 (188-519)	537 (286-747)	738 (377-1037)	980 (496-1350)	1284 (746-1658)
Anhui	Bozhou	57	41	1048 (631-1347)	54 (25-78)	110 (50-156)	180 (77-253)	268 (116-379)	381 (186-545)	529 (257-762)	716 (337-1028)	948 (502-1295)
Anhui	Liuan	56	39	1201 (722-1544)	53 (25-76)	119 (53-168)	200 (85-281)	302 (131-429)	434 (210-624)	608 (292-880)	825 (386-1187)	1100 (588-1491)
Anhui	Gefei	67	47	1300 (800-1654)	118 (59-172)	181 (87-260)	259 (120-364)	356 (159-496)	481 (231-671)	645 (330-904)	854 (421-1201)	1102 (568-1522)
Anhui	Anqing	53	38	1115 (669-1435)	33 (15-47)	95 (42-135)	173 (73-245)	272 (117-390)	399 (192-574)	566 (267-828)	774 (359-1118)	1041 (565-1395)
Anhui	Xuancheng	50	35	519 (311-669)	5 (2-7)	35 (15-50)	73 (30-104)	121 (52-176)	183 (86-268)	264 (121-390)	364 (167-530)	494 (275-656)
Anhui	Suzhou	62	44	1192 (725-1522)	88 (43-128)	149 (69-212)	223 (100-314)	317 (139-445)	438 (215-620)	597 (302-842)	798 (384-1129)	1038 (539-1434)
Anhui	Chaohu*	55	39	825 (496-1061)	33 (15-48)	79 (35-111)	135 (57-190)	206 (89-294)	298 (143-427)	418 (200-607)	568 (265-818)	759 (406-1026)
Anhui	Chizhou	34	24	235 (142-307)	0 (0-0)	0 (0-0)	0 (0-0)	27 (12-42)	65 (28-103)	115 (48-178)	174 (80-258)	235 (142-307)
Anhui	Huaibei	60	42	464 (280-594)	30 (14-43)	54 (25-76)	84 (36-118)	121 (53-171)	170 (82-242)	233 (116-	314 (149-446)	411 (215-565)

										332)		
<b>Anhui</b>	<b>Huainan</b>	50	35	478 (286-616)	4 (2-6)	32 (13-46)	67 (27-96)	111 (48-161)	168 (79-247)	243 (112-359)	336 (154-489)	455 (253-604)
<b>Anhui</b>	<b>Chuzhou</b>	63	45	879 (535-1123)	67 (33-97)	111 (52-158)	166 (74-234)	235 (103-329)	324 (158-457)	440 (224-620)	587 (283-832)	763 (395-1055)
<b>Anhui</b>	<b>Wuhu</b>	56	40	487 (293-626)	23 (11-34)	50 (22-71)	82 (35-116)	123 (53-175)	176 (86-252)	246 (119-355)	333 (156-479)	443 (235-603)
<b>Anhui</b>	<b>Bangbu</b>	64	46	713 (436-908)	59 (29-85)	94 (44-135)	138 (62-194)	192 (85-269)	263 (128-370)	355 (183-500)	473 (229-666)	612 (316-847)
<b>Anhui</b>	<b>Tongling</b>	58	41	157 (95-202)	9 (4-13)	17 (8-24)	27 (12-39)	40 (17-57)	57 (28-82)	79 (39-113)	107 (50-153)	141 (74-193)
<b>Anhui</b>	<b>Fuyang</b>	51	36	1573 (944-2026)	29 (13-41)	119 (51-169)	232 (96-328)	374 (160-539)	559 (266-812)	800 (372-1174)	1100 (507-1600)	1488 (812-1979)
<b>Anhui</b>	<b>Maanshan</b>	63	45	305 (186-390)	23 (11-34)	39 (18-55)	58 (26-81)	81 (36-114)	112 (55-159)	152 (77-215)	204 (98-288)	264 (137-366)
<b>Anhui</b>	<b>Huangshan</b>	35	25	230 (139-300)	0 (0-0)	0 (0-0)	0 (0-0)	28 (12-44)	65 (28-102)	113 (47-174)	170 (78-253)	230 (139-300)
<b>Fujian</b>	<b>Sanming</b>	29	23	550 (349-734)	0 (0-0)	0 (0-0)	0 (0-0)	59 (25-94)	164 (69-255)	291 (127-467)	439 (219-647)	550 (349-734)
<b>Fujian</b>	<b>Nanping</b>	24	19	501 (332-683)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	109 (45-180)	246 (108-427)	409 (219-608)	501 (332-683)
<b>Fujian</b>	<b>Shamen</b>	29	23	784 (497-1040)	0 (0-0)	0 (0-0)	0 (0-0)	90 (39-143)	238 (101-370)	417 (181-666)	625 (311-921)	784 (497-1040)
<b>Fujian</b>	<b>Ningde</b>	28	23	613 (390-822)	0 (0-0)	0 (0-0)	0 (0-0)	61 (26-97)	180 (76-280)	323 (141-521)	490 (246-725)	613 (390-822)
<b>Fujian</b>	<b>Quanzhou</b>	26	21	1654 (1072-2247)	0 (0-0)	0 (0-0)	0 (0-0)	83 (35-130)	428 (179-680)	846 (371-1434)	1335 (688-1984)	1654 (1072-2247)
<b>Fujian</b>	<b>Zhangzhou</b>	34	28	1203 (746-1556)	0 (0-0)	0 (0-0)	80 (35-121)	233 (105-359)	427 (186-663)	665 (292-1012)	940 (455-1362)	1203 (746-1556)

<b>Fujian</b>	<b>Fuzhou</b>	28	23	1546 (983-2072)	0 (0-0)	0 (0-0)	0 (0-0)	154 (66-244)	452 (191-705)	815 (355-1314)	1236 (621-1826)	1546 (983-2072)
<b>Fujian</b>	<b>Putian</b>	29	24	626 (395-827)	0 (0-0)	0 (0-0)	0 (0-0)	78 (34-124)	194 (82-302)	335 (146-529)	497 (247-729)	626 (395-827)
<b>Fujian</b>	<b>Longyan</b>	23	19	475 (314-646)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	97 (40-163)	230 (101-405)	390 (212-579)	475 (314-646)
<b>Jiangxi</b>	<b>Shangrao</b>	42	34	833 (527-1071)	0 (0-0)	55 (25-80)	123 (57-180)	208 (101-310)	313 (150-471)	443 (209-663)	596 (291-872)	805 (479-1063)
<b>Jiangxi</b>	<b>Jiujiang</b>	47	38	630 (398-809)	25 (12-35)	64 (30-92)	112 (51-162)	170 (84-247)	243 (121-361)	334 (161-494)	442 (217-639)	587 (335-786)
<b>Jiangxi</b>	<b>Nanchang</b>	42	34	635 (402-817)	0 (0-0)	40 (18-58)	92 (42-135)	157 (76-235)	238 (114-358)	338 (159-506)	456 (222-668)	615 (368-811)
<b>Jiangxi</b>	<b>Jian</b>	42	34	608 (384-781)	0 (0-0)	39 (18-57)	89 (41-130)	151 (73-226)	228 (109-343)	323 (152-484)	435 (213-637)	588 (351-776)
<b>Jiangxi</b>	<b>Yichun</b>	42	35	689 (435-886)	1 (0-2)	47 (21-69)	104 (48-151)	173 (84-257)	259 (125-389)	366 (173-547)	492 (240-718)	664 (394-879)
<b>Jiangxi</b>	<b>Fuzhou</b>	36	30	456 (290-590)	0 (0-0)	1 (0-1)	43 (20-65)	95 (45-146)	160 (74-246)	241 (111-363)	334 (164-496)	454 (288-588)
<b>Jiangxi</b>	<b>Xinyu</b>	39	32	138 (87-178)	0 (0-0)	4 (2-6)	16 (7-24)	31 (15-48)	50 (23-76)	73 (34-110)	100 (49-148)	136 (84-177)
<b>Jiangxi</b>	<b>Jingdezhen</b>	42	34	201 (127-258)	0 (0-0)	13 (6-19)	29 (13-43)	50 (24-74)	75 (36-113)	107 (50-160)	144 (70-210)	194 (115-256)
<b>Jiangxi</b>	<b>Pingxiang</b>	52	43	260 (165-334)	20 (10-28)	35 (17-49)	53 (25-75)	75 (37-108)	102 (53-147)	137 (68-198)	178 (88-256)	229 (125-318)
<b>Jiangxi</b>	<b>Ganzhou</b>	39	32	1017 (643-1311)	0 (0-0)	36 (16-52)	124 (59-184)	234 (113-355)	371 (174-563)	539 (251-813)	738 (361-1089)	1001 (617-1305)
<b>Jiangxi</b>	<b>Yingtan</b>	39	32	137 (86-177)	0 (0-0)	5 (2-8)	17 (8-25)	32 (15-48)	50 (23-76)	73 (34-110)	99 (48-147)	135 (83-176)
<b>Shandong</b>	<b>Dongying</b>	67	38	736 (467-944)	17 (9-26)	50 (27-73)	91 (47-132)	143 (71-203)	212 (101-303)	307 (164-443)	439 (228-632)	611 (329-868)

<b>Shandong</b>	<b>Linyi</b>	81	46	3852 (2515-4880)	267 (158-390)	420 (242-608)	608 (340-875)	847 (449-1204)	1161 (591-1630)	1586 (850-2225)	2180 (1218-3086)	2968 (1607-4160)
<b>Shandong</b>	<b>Weihai</b>	38	21	802 (501-1042)	0 (0-0)	0 (0-0)	0 (0-0)	36 (15-53)	149 (69-230)	307 (140-476)	520 (241-791)	802 (501-1042)
<b>Shandong</b>	<b>Dezhou</b>	84	48	2157 (1415-2726)	164 (98-239)	248 (144-359)	351 (197-506)	482 (259-683)	653 (336-917)	884 (472-1237)	1207 (684-1704)	1639 (892-2295)
<b>Shandong</b>	<b>Rizhao</b>	51	29	918 (570-1191)	0 (0-0)	0 (0-0)	51 (24-73)	129 (58-187)	234 (108-344)	379 (190-562)	578 (278-857)	861 (491-1172)
<b>Shandong</b>	<b>Zaozhuang</b>	88	49	1459 (962-1843)	121 (73-176)	176 (104-256)	244 (140-352)	330 (180-469)	443 (231-623)	595 (319-830)	807 (464-1134)	1092 (601-1528)
<b>Shandong</b>	<b>Taian</b>	72	40	2030 (1301-2591)	83 (47-121)	170 (94-247)	277 (147-399)	415 (209-590)	597 (292-842)	845 (459-1197)	1191 (635-1697)	1644 (883-2317)
<b>Shandong</b>	<b>Jinan</b>	84	48	2640 (1732-3337)	201 (120-293)	303 (176-440)	430 (242-620)	590 (317-837)	799 (412-1123)	1082 (578-1514)	1477 (837-2086)	2005 (1091-2809)
<b>Shandong</b>	<b>Jining</b>	83	47	3118 (2042-3947)	229 (136-333)	351 (203-509)	501 (280-723)	692 (370-983)	942 (483-1322)	1281 (685-1792)	1753 (988-2480)	2383 (1294-3339)
<b>Shandong</b>	<b>Zibo</b>	75	42	1695 (1093-2158)	85 (49-124)	156 (87-227)	244 (132-350)	356 (182-508)	503 (249-709)	703 (382-990)	984 (532-1394)	1351 (727-1900)
<b>Shandong</b>	<b>Binzhou</b>	82	46	1438 (939-1822)	100 (59-146)	157 (90-227)	227 (127-327)	316 (168-450)	433 (220-609)	592 (317-830)	813 (455-1152)	1108 (600-1553)
<b>Shandong</b>	<b>Weifang</b>	74	42	3391 (2185-4320)	165 (95-240)	307 (172-448)	483 (260-694)	708 (361-1012)	1005 (497-1416)	1409 (767-1984)	1973 (1064-2798)	2712 (1459-3815)
<b>Shandong</b>	<b>Yantai</b>	41	23	2069 (1285-2687)	0 (0-0)	0 (0-0)	0 (0-0)	152 (64-226)	429 (201-650)	814 (379-1260)	1335 (622-2031)	2054 (1266-2687)
<b>Shandong</b>	<b>Liaocheng</b>	99	56	2340 (1570-2931)	244 (151-356)	327 (199-474)	427 (254-614)	554 (316-786)	717 (387-1001)	937 (503-1290)	1240 (742-1707)	1657 (945-2285)

<b>Shandong</b>	<b>Laiwu</b>	91	51	512 (339-646)	45 (27-66)	64 (38-94)	88 (51-126)	117 (65-167)	156 (82-220)	208 (111-287)	280 (163-391)	378 (210-526)
<b>Shandong</b>	<b>Heshi</b>	97	55	3326 (2224-4174)	333 (205-486)	452 (274-654)	598 (351-858)	781 (441-1109)	1019 (545-1422)	1338 (716-1843)	1781 (1066-2457)	2385 (1350-3302)
<b>Shandong</b>	<b>Qingdao</b>	52	29	2878 (1789-3735)	0 (0-0)	0 (0-0)	177 (84-254)	419 (188-605)	743 (343-1091)	1191 (600-1764)	1808 (874-2674)	2680 (1515-3663)
<b>Henan</b>	<b>Sanmenxia</b>	77	45	526 (325-672)	28 (15-43)	46 (23-68)	66 (33-99)	92 (43-135)	124 (56-180)	165 (73-234)	219 (109-309)	291 (152-415)
<b>Henan</b>	<b>Xinyang</b>	73	43	1420 (872-1818)	65 (34-99)	114 (57-170)	172 (83-256)	244 (112-358)	335 (147-480)	452 (198-644)	607 (309-864)	812 (411-1157)
<b>Henan</b>	<b>Nanyang</b>	70	41	2360 (1441-3027)	93 (47-140)	176 (87-264)	276 (131-410)	400 (183-586)	557 (240-792)	760 (334-1086)	1027 (522-1479)	1383 (686-1972)
<b>Henan</b>	<b>Zhoukou</b>	84	50	2163 (1360-2737)	149 (80-225)	214 (113-322)	293 (152-436)	388 (192-573)	508 (241-736)	660 (297-942)	858 (421-1204)	1123 (609-1586)
<b>Henan</b>	<b>Shangqiu</b>	76	45	1731 (1069-2212)	92 (48-139)	149 (76-224)	218 (108-325)	302 (142-443)	409 (184-592)	545 (240-775)	724 (362-1020)	964 (500-1372)
<b>Henan</b>	<b>Anyang</b>	85	50	1250 (786-1582)	86 (46-131)	124 (66-187)	169 (88-252)	224 (111-331)	293 (140-425)	381 (172-544)	495 (242-695)	648 (352-914)
<b>Henan</b>	<b>Pingdingshan</b>	91	53	1206 (767-1519)	95 (52-144)	129 (69-194)	170 (90-254)	219 (112-324)	281 (136-409)	359 (167-512)	460 (217-643)	594 (324-824)
<b>Henan</b>	<b>Kaifeng</b>	77	45	1103 (682-1408)	60 (31-92)	97 (50-145)	140 (69-209)	193 (91-283)	260 (117-377)	346 (152-491)	459 (229-648)	609 (318-866)
<b>Henan</b>	<b>Xinxiang</b>	97	57	1425 (914-1788)	122 (69-187)	161 (89-244)	206 (112-308)	261 (138-386)	329 (166-479)	415 (200-594)	525 (248-739)	671 (359-934)
<b>Henan</b>	<b>Luoyang</b>	75	44	1532 (944-1959)	77 (40-116)	128 (65-192)	190 (93-282)	266 (123-389)	362 (161-521)	485 (213-690)	647 (328-914)	863 (443-1232)
<b>Henan</b>	<b>Jiyuan*</b>	82	48	161 (101-205)	10 (5-15)	15 (8-23)	21 (10-32)	28 (14-42)	38 (17-55)	49 (22-70)	65 (32-92)	86 (46-122)

<b>Henan</b>	<b>Luohe</b>	81	48	608 (379-772)	38 (20-58)	57 (30-86)	80 (41-119)	108 (52-159)	143 (66-207)	188 (83-265)	246 (120-348)	324 (173-461)
<b>Henan</b>	<b>Puyang</b>	83	49	864 (541-1096)	57 (30-86)	83 (44-126)	115 (59-172)	154 (75-227)	203 (95-294)	265 (119-376)	347 (171-489)	455 (245-648)
<b>Henan</b>	<b>Jiaozuo</b>	91	53	870 (553-1096)	68 (37-103)	93 (50-140)	122 (65-183)	158 (81-233)	203 (98-295)	259 (120-370)	332 (157-465)	429 (235-596)
<b>Henan</b>	<b>Xuchang</b>	81	47	1028 (641-1307)	64 (34-97)	96 (50-145)	135 (68-201)	182 (88-268)	242 (112-350)	318 (141-449)	418 (204-590)	551 (294-782)
<b>Henan</b>	<b>Zhengzhou</b>	98	57	2159 (1387-2707)	188 (107-286)	246 (137-372)	314 (171-469)	397 (211-586)	498 (251-725)	626 (304-898)	791 (375-1114)	1009 (540-1405)
<b>Henan</b>	<b>Zhumadian</b>	77	45	1702 (1052-2174)	92 (48-139)	148 (76-222)	215 (106-321)	298 (140-436)	402 (181-583)	535 (236-760)	711 (356-1002)	945 (491-1345)
<b>Henan</b>	<b>Hebi</b>	74	43	365 (224-467)	17 (9-26)	29 (15-44)	44 (21-66)	63 (29-92)	86 (38-123)	116 (51-165)	155 (79-221)	208 (105-296)
<b>Hubei</b>	<b>Shiyan</b>	52	38	1070 (645-1377)	34 (16-49)	93 (40-131)	163 (68-231)	251 (109-360)	363 (173-521)	505 (239-739)	682 (313-991)	887 (436-1251)
<b>Hubei</b>	<b>Xianning</b>	54	40	806 (488-1037)	39 (18-55)	81 (36-114)	132 (56-186)	195 (85-278)	275 (132-394)	377 (183-547)	505 (236-730)	654 (321-918)
<b>Hubei</b>	<b>Xiaogan</b>	70	52	1718 (1070-2180)	180 (93-261)	254 (127-364)	344 (165-484)	454 (209-632)	591 (281-819)	766 (402-1069)	989 (511-1377)	1259 (628-1756)
<b>Hubei</b>	<b>Yichang</b>	73	53	1465 (917-1854)	163 (85-236)	224 (113-323)	298 (146-422)	389 (183-542)	503 (241-695)	647 (341-893)	831 (438-1149)	1055 (533-1469)
<b>Hubei</b>	<b>Enshizhou</b>	54	40	1073 (650-1381)	49 (23-70)	105 (47-149)	174 (74-245)	259 (113-369)	366 (177-525)	503 (243-731)	675 (314-975)	874 (428-1228)
<b>Hubei</b>	<b>Wuhan</b>	71	53	3515 (2195-4455)	380 (199-553)	530 (266-762)	710 (345-1005)	932 (434-1297)	1208 (580-1673)	1559 (823-2165)	2007 (1049-2787)	2552 (1283-3553)
<b>Hubei</b>	<b>Jingzhou</b>	72	53	2047 (1279-2593)	223 (117-324)	310 (155-446)	414 (202-586)	543 (253-756)	703 (338-973)	907 (480-1257)	1167 (611-1618)	1483 (746-2065)

<b>Hubei</b>	<b>Jingmen</b>	72	53	1035 (647-1310)	113 (59-165)	157 (79-226)	210 (102-297)	275 (128-382)	355 (170-491)	458 (242-633)	588 (309-815)	748 (377-1041)
<b>Hubei</b>	<b>Xiangyang</b>	77	56	2017 (1271-2543)	241 (129-351)	323 (167-466)	421 (209-597)	540 (259-755)	689 (330-950)	878 (466-1200)	1119 (606-1547)	1416 (726-1959)
<b>Hubei</b>	<b>Ezhou</b>	70	52	374 (233-475)	39 (20-57)	55 (27-80)	75 (36-106)	99 (45-137)	129 (61-178)	166 (87-232)	215 (111-299)	274 (137-382)
<b>Hubei</b>	<b>Suizhou</b>	67	49	760 (471-966)	73 (37-106)	107 (52-153)	148 (69-208)	199 (90-277)	262 (125-362)	342 (177-481)	445 (224-626)	568 (280-794)
<b>Hubei</b>	<b>Huanggang</b>	60	44	2093 (1281-2678)	154 (75-221)	255 (120-362)	378 (169-532)	530 (232-743)	721 (342-1020)	964 (485-1365)	1272 (614-1800)	1634 (797-2290)
<b>Hubei</b>	<b>Huangshi</b>	68	50	860 (533-1090)	85 (43-124)	123 (61-176)	169 (80-239)	225 (103-315)	296 (140-410)	385 (201-541)	500 (254-698)	637 (315-890)
<b>Hunan</b>	<b>Loude</b>	51	38	671 (424-870)	25 (12-35)	64 (30-91)	111 (51-160)	171 (80-250)	247 (125-363)	343 (167-508)	462 (226-676)	625 (356-850)
<b>Hunan</b>	<b>Yueyang</b>	52	40	984 (624-1276)	47 (24-67)	103 (50-147)	171 (80-245)	257 (123-373)	365 (185-533)	503 (248-742)	674 (332-981)	904 (510-1239)
<b>Hunan</b>	<b>Changde</b>	49	37	1001 (633-1299)	27 (13-39)	87 (41-125)	160 (73-230)	250 (118-365)	365 (183-540)	513 (248-761)	694 (339-1013)	943 (544-1273)
<b>Hunan</b>	<b>Zhangjiajie</b>	49	37	257 (162-333)	6 (2-8)	21 (10-30)	40 (18-58)	63 (30-93)	93 (46-138)	131 (63-195)	178 (87-260)	243 (140-327)
<b>Hunan</b>	<b>Huaihua</b>	50	38	837 (529-1086)	28 (14-40)	77 (36-111)	137 (63-197)	212 (100-310)	307 (155-453)	429 (208-634)	578 (283-845)	782 (447-1062)
<b>Hunan</b>	<b>Zhuzhou</b>	55	42	706 (448-914)	44 (22-63)	83 (41-118)	131 (62-187)	189 (90-271)	264 (136-381)	360 (181-527)	479 (237-695)	634 (349-877)
<b>Hunan</b>	<b>Yongzhou</b>	52	39	929 (588-1204)	43 (21-61)	96 (46-137)	161 (75-230)	241 (115-351)	344 (175-503)	475 (234-701)	637 (313-928)	855 (483-1171)
<b>Hunan</b>	<b>Xiangtan</b>	58	44	701 (446-905)	54 (28-77)	92 (46-130)	137 (66-195)	193 (93-275)	264 (138-381)	356 (183-518)	469 (234-681)	610 (331-855)

<b>Hunan</b>	<b>Xiangxizhou</b>	42	32	416 (261-538)	0 (0-0)	14 (6-21)	48 (21-70)	90 (43-135)	144 (69-218)	212 (99-322)	295 (143-441)	409 (249-538)
<b>Hunan</b>	<b>Yiyang</b>	47	35	739 (467-959)	7 (3-10)	53 (24-76)	108 (49-158)	178 (85-260)	266 (132-396)	379 (180-568)	517 (251-754)	708 (416-945)
<b>Hunan</b>	<b>Hengyang</b>	55	42	1308 (831-1692)	82 (41-116)	154 (76-219)	242 (114-346)	351 (168-502)	490 (253-706)	667 (336-976)	887 (439-1288)	1174 (648-1626)
<b>Hunan</b>	<b>Shaoyang</b>	55	42	1295 (822-1675)	80 (40-114)	152 (75-216)	239 (113-342)	347 (166-496)	484 (250-699)	660 (332-966)	878 (435-1275)	1163 (641-1610)
<b>Hunan</b>	<b>Chenzhou</b>	44	34	766 (483-991)	0 (0-0)	40 (18-58)	100 (44-147)	175 (83-258)	270 (132-405)	392 (184-591)	540 (262-793)	745 (448-982)
<b>Hunan</b>	<b>Changsha</b>	61	46	1343 (858-1729)	122 (64-175)	191 (99-270)	275 (136-389)	379 (185-539)	510 (268-730)	678 (355-976)	888 (448-976)	1143 (617-1613)
<b>Guangdong</b>	<b>Dongguan</b>	36	31	2841 (1796-3672)	0 (0-0)	70 (31-104)	336 (158-516)	663 (311-1018)	1069 (489-1656)	1561 (717-2381)	2135 (1063-3172)	2841 (1796-3672)
<b>Guangdong</b>	<b>Zhongshan</b>	31	27	993 (636-1299)	0 (0-0)	0 (0-0)	58 (27-90)	186 (85-291)	345 (154-536)	536 (244-831)	761 (386-1119)	993 (636-1299)
<b>Guangdong</b>	<b>Yunfu</b>	30	26	725 (468-955)	0 (0-0)	0 (0-0)	22 (10-35)	120 (54-189)	242 (107-376)	388 (177-604)	559 (287-819)	725 (468-955)
<b>Guangdong</b>	<b>Foshan</b>	38	33	2582 (1626-3336)	0 (0-0)	140 (62-206)	369 (170-555)	650 (310-1000)	1000 (464-1537)	1425 (658-2148)	1920 (948-2857)	2566 (1608-3329)
<b>Guangdong</b>	<b>Anzhou</b>	37	32	4493 (2835-5804)	0 (0-0)	195 (86-288)	602 (280-912)	1102 (523-1693)	1723 (795-2657)	2478 (1142-3762)	3355 (1662-4988)	4481 (2829-5793)
<b>Guangdong</b>	<b>Huizhou</b>	27	23	1299 (857-1723)	0 (0-0)	0 (0-0)	0 (0-0)	144 (63-227)	385 (169-609)	674 (309-1105)	1020 (540-1493)	1299 (857-1723)
<b>Guangdong</b>	<b>Jieyang</b>	37	32	2055 (1297-2660)	0 (0-0)	70 (31-104)	259 (121-396)	492 (232-757)	781 (358-1207)	1132 (520-1722)	1539 (764-2292)	2053 (1296-2660)
<b>Guangdong</b>	<b>Meizhou</b>	33	29	1396 (893-1809)	0 (0-0)	0 (0-0)	117 (54-182)	289 (133-503)	503 (226-760)	760 (347-1061)	1061 (535-1396)	1396 (893-1061)

							449)	783)	1173)	1566)	1809)	
Guangdong	Shantou	33	28	1759 (1127-2280)	0 (0-0)	0 (0-0)	137 (63-212)	356 (163-554)	628 (282-980)	957 (437-1476)	1340 (676-1972)	1759 (1127-2280)
Guangdong	Shanwei	27	24	841 (553-1116)	0 (0-0)	0 (0-0)	0 (0-0)	101 (45-160)	255 (112-403)	439 (201-715)	659 (346-960)	841 (553-1116)
Guangdong	Jiangmen	34	29	1480 (944-1915)	0 (0-0)	0 (0-0)	136 (63-210)	315 (146-489)	538 (243-838)	808 (370-1237)	1123 (564-1656)	1480 (944-1915)
Guangdong	Heyuan	34	29	985 (627-1273)	0 (0-0)	0 (0-0)	92 (43-142)	211 (97-327)	359 (162-558)	538 (246-823)	746 (375-1101)	985 (627-1273)
Guangdong	Shenzhen	29	25	3146 (2037-4136)	0 (0-0)	0 (0-0)	69 (32-108)	500 (225-788)	1035 (459-1615)	1677 (765-2631)	2434 (1253-3557)	3146 (2037-4136)
Guangdong	Qingyuan	33	29	1219 (780-1580)	0 (0-0)	0 (0-0)	103 (48-160)	253 (117-394)	439 (198-685)	664 (303-1024)	926 (467-1368)	1219 (780-1580)
Guangdong	Zhanjiang	27	23	1965 (1299-2611)	0 (0-0)	0 (0-0)	0 (0-0)	210 (92-332)	578 (254-917)	1017 (467-1674)	1545 (820-2266)	1965 (1299-2611)
Guangdong	Chaozhou	38	33	960 (604-1240)	0 (0-0)	53 (23-79)	138 (63-208)	242 (116-373)	372 (172-572)	530 (245-799)	713 (352-1061)	953 (596-1238)
Guangdong	Zhuhai	31	27	495 (317-648)	0 (0-0)	0 (0-0)	28 (13-43)	92 (42-144)	171 (76-266)	267 (121-414)	379 (192-558)	495 (317-648)
Guangdong	Zhaoqing	28	24	1145 (749-1512)	0 (0-0)	0 (0-0)	0 (0-0)	153 (68-242)	357 (157-562)	602 (275-969)	893 (466-1299)	1145 (749-1512)
Guangdong	Maoming	31	27	1835 (1178-2402)	0 (0-0)	0 (0-0)	95 (44-148)	335 (152-524)	632 (282-982)	989 (451-1534)	1409 (716-2070)	1835 (1178-2402)
Guangdong	Yangjiang	32	28	785 (502-1018)	0 (0-0)	0 (0-0)	57 (26-89)	156 (71-243)	278 (125-434)	426 (194-660)	599 (302-880)	785 (502-1018)
Guangdong	Shaoguan	32	28	918 (588-1190)	0 (0-0)	0 (0-0)	68 (32-106)	183 (84-286)	326 (146-	499 (227-	700 (353-	918 (588-1190)

								508)	770)	1029)	
<b>Guangxi</b>	<b>Beihai</b>	31	24	214 (139-279)	0 (0-0)	0 (0-0)	0 (0-0)	23 (10-35)	55 (24-86)	95 (42-147)	142 (67-214)
<b>Guangxi</b>	<b>Nanning</b>	41	32	1102 (699-1417)	0 (0-0)	35 (16-50)	118 (54-171)	220 (103-324)	346 (167-521)	503 (236-756)	693 (326-1027)
<b>Guangxi</b>	<b>Chongzuo</b>	39	30	320 (203-412)	0 (0-0)	3 (1-4)	28 (13-41)	59 (28-89)	98 (46-149)	146 (67-221)	204 (95-303)
<b>Guangxi</b>	<b>Laibin</b>	42	33	351 (223-451)	0 (0-0)	14 (6-20)	40 (18-58)	72 (34-105)	111 (54-167)	160 (75-240)	220 (103-325)
<b>Guangxi</b>	<b>Liuzhou</b>	49	38	675 (426-868)	22 (11-30)	58 (28-83)	102 (48-146)	156 (75-225)	222 (112-321)	304 (151-446)	406 (195-593)
<b>Guangxi</b>	<b>Guilin</b>	49	37	847 (534-1091)	23 (12-33)	70 (34-99)	126 (59-180)	194 (92-280)	278 (140-403)	383 (189-563)	511 (246-750)
<b>Guangxi</b>	<b>Wuzhou</b>	35	27	431 (276-557)	0 (0-0)	0 (0-0)	17 (8-26)	64 (30-98)	122 (56-188)	195 (88-297)	281 (132-422)
<b>Guangxi</b>	<b>Hechi</b>	41	31	553 (351-711)	0 (0-0)	14 (6-20)	56 (26-82)	108 (51-161)	172 (83-261)	252 (118-380)	349 (164-517)
<b>Guangxi</b>	<b>Yulin</b>	39	30	875 (556-1127)	0 (0-0)	4 (1-6)	74 (33-109)	160 (77-242)	267 (126-405)	400 (184-606)	559 (262-836)
<b>Guangxi</b>	<b>Baise</b>	44	34	590 (374-758)	0 (0-0)	31 (14-44)	73 (33-106)	125 (59-182)	189 (93-282)	269 (128-402)	366 (173-540)
<b>Guangxi</b>	<b>Guigang</b>	41	31	674 (428-867)	0 (0-0)	16 (7-23)	68 (31-99)	131 (62-195)	210 (101-318)	308 (143-464)	426 (200-632)
<b>Guangxi</b>	<b>Hezhou</b>	39	30	312 (198-402)	0 (0-0)	1 (0-2)	26 (12-39)	57 (27-86)	95 (45-144)	142 (65-216)	199 (93-297)
<b>Guangxi</b>	<b>Qinzhou</b>	36	28	472 (301-609)	0 (0-0)	0 (0-0)	27 (12-41)	77 (36-117)	138 (64-211)	215 (97-326)	305 (143-458)
<b>Guangxi</b>	<b>Fangchenggang</b>	31	24	120 (78-156)	0 (0-0)	0 (0-0)	0 (0-0)	12 (5-19)	30 (13-48)	53 (23-82)	79 (37-120)
<b>Hainan</b>	<b>Sanya</b>	17	16	62 (45-82)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	7 (3-14)	28 (14-47)	56 (37-76)
<b>Hainan</b>	<b>Haikou</b>	21	20	233 (159-314)	0 (0-0)	0 (0-0)	0 (0-0)	4 (2-8)	60 (25-111)	122 (56-215)	201 (117-294)
<b>Chongqing</b>	<b>Chongqing</b>	55	45	8888 (5665-11180)	807 (457-1083)	1308 (727-1760)	1904 (1017-2574)	2624 (1389-3563)	3508 (1940-4835)	4605 (2470-6419)	5929 (3105-8201)
											7479 (4115-10063)

<b>Sichuan</b>	<b>Leshan</b>	57	43	653 (413-818)	47 (27-63)	81 (45-108)	121 (66-162)	170 (89-229)	229 (123-311)	303 (164-416)	394 (206-540)	501 (263-675)
<b>Sichuan</b>	<b>Neijiang</b>	64	49	783 (502-970)	79 (48-107)	116 (67-156)	160 (90-214)	213 (117-283)	276 (151-370)	356 (203-476)	454 (248-616)	572 (306-765)
<b>Sichuan</b>	<b>Liangshanzhou</b>	25	19	557 (364-740)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	101 (45-155)	236 (107-391)	392 (199-601)	557 (364-740)
<b>Sichuan</b>	<b>Nanchong</b>	60	45	1293 (824-1611)	110 (64-148)	175 (99-234)	251 (139-336)	343 (184-460)	455 (245-612)	595 (330-810)	768 (409-1046)	972 (513-1308)
<b>Sichuan</b>	<b>Yibin</b>	59	45	920 (586-1147)	78 (46-105)	124 (70-166)	179 (99-239)	244 (131-327)	324 (174-436)	423 (235-577)	547 (291-745)	692 (365-931)
<b>Sichuan</b>	<b>Bazhong</b>	37	28	536 (338-691)	0 (0-0)	0 (0-0)	35 (16-50)	93 (46-136)	164 (80-245)	253 (120-375)	359 (174-516)	494 (277-661)
<b>Sichuan</b>	<b>Anyuan</b>	22	17	269 (181-359)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	28 (12-46)	104 (48-183)	191 (102-291)	269 (181-359)
<b>Sichuan</b>	<b>Anan</b>	44	34	577 (362-738)	0 (0-0)	30 (15-41)	74 (36-102)	127 (63-178)	192 (99-275)	274 (136-394)	373 (183-529)	489 (259-664)
<b>Sichuan</b>	<b>Deyang</b>	54	41	717 (453-903)	44 (24-58)	82 (45-110)	128 (69-171)	183 (95-248)	250 (134-342)	335 (179-465)	438 (226-604)	560 (294-756)
<b>Sichuan</b>	<b>Chengdou</b>	64	48	2967 (1902-3679)	300 (180-404)	441 (255-588)	607 (341-809)	806 (445-1072)	1049 (573-1403)	1349 (771-1808)	1724 (942-2341)	2170 (1160-2903)
<b>Sichuan</b>	<b>Panzhihua</b>	31	24	178 (113-231)	0 (0-0)	0 (0-0)	0 (0-0)	19 (9-30)	47 (22-72)	82 (38-122)	122 (59-178)	173 (106-229)
<b>Sichuan</b>	<b>Luzhou</b>	61	47	879 (562-1093)	82 (48-110)	125 (71-166)	175 (98-233)	236 (128-314)	310 (169-416)	402 (226-544)	517 (278-705)	652 (346-877)
<b>Sichuan</b>	<b>Ganzizhou</b>	17	13	86 (62-113)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	21 (10-37)	63 (39-86)	86 (62-113)
<b>Sichuan</b>	<b>Meishan</b>	63	48	622 (399-772)	62 (37-84)	92 (53-122)	127 (71-169)	169 (93-224)	220 (120-294)	283 (161-379)	362 (197-492)	456 (243-610)
<b>Sichuan</b>	<b>Mianyang</b>	47	36	858 (538-1096)	12 (6-16)	63 (33-86)	125 (63-171)	200 (100-	292 (154-	406 (206-	546 (271-769)	708 (373-963)

								276)	413)	577)		
Sichuan	Zigong	76	58	603 (395-741)	82 (52-112)	107 (66-144)	136 (81-181)	170 (99-224)	212 (122-278)	263 (153-345)	327 (193-428)	405 (229-535)
Sichuan	Ziyang	42	32	643 (404-821)	0 (0-0)	21 (11-29)	72 (35-100)	134 (67-190)	210 (106-305)	306 (150-443)	420 (205-601)	556 (296-752)
Sichuan	Dazhou	61	46	1135 (725-1412)	102 (60-138)	158 (90-211)	224 (125-298)	304 (164-405)	400 (217-537)	520 (291-704)	670 (359-913)	846 (449-1137)
Sichuan	Suining	51	39	625 (394-793)	24 (13-33)	60 (32-81)	102 (53-138)	153 (78-210)	216 (115-300)	294 (153-413)	390 (198-546)	502 (263-682)
Sichuan	Abazhou	13	10	52 (37-70)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	2 (1-4)	39 (26-53)	52 (37-70)
Sichuan	Yaan	37	28	244 (154-315)	0 (0-0)	0 (0-0)	15 (7-21)	41 (20-61)	74 (36-111)	115 (54-171)	164 (79-236)	226 (128-302)
Guizhou	Liupanshui	42	31	462 (272-599)	0 (0-0)	8 (3-11)	47 (19-67)	96 (41-141)	160 (71-242)	242 (103-363)	339 (147-489)	454 (251-592)
Guizhou	Anshun	29	21	293 (177-394)	0 (0-0)	0 (0-0)	0 (0-0)	15 (6-24)	71 (28-113)	142 (56-227)	224 (100-338)	293 (177-394)
Guizhou	Bijiediqu*	31	23	873 (527-1162)	0 (0-0)	0 (0-0)	0 (0-0)	76 (32-121)	234 (95-370)	434 (174-674)	666 (295-988)	873 (527-1162)
Guizhou	Guiyang	36	26	641 (380-839)	0 (0-0)	0 (0-0)	23 (9-34)	101 (43-154)	201 (86-313)	330 (136-500)	481 (210-702)	641 (380-839)
Guizhou	Zunyi	42	31	992 (585-1287)	0 (0-0)	17 (7-24)	101 (40-145)	207 (88-303)	344 (154-519)	520 (222-780)	729 (317-1052)	976 (540-1273)
Guizhou	Tongrendiqu	28	20	379 (232-514)	0 (0-0)	0 (0-0)	0 (0-0)	8 (3-12)	84 (33-132)	180 (71-291)	291 (132-446)	379 (232-514)
Guizhou	Qiandongnanzhou	30	22	450 (272-604)	0 (0-0)	0 (0-0)	0 (0-0)	28 (12-45)	113 (45-179)	221 (88-347)	344 (153-515)	450 (272-604)
Guizhou	Qiannanzhou	21	15	297 (199-405)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	7 (2-13)	111 (46-214)	231 (120-353)	297 (199-405)
Guizhou	Qianxinanzhou	19	14	240 (165-325)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	82 (34-159)	188 (101-283)	240 (165-325)
Yunnan	Lincang	28	21	208 (137-273)	0 (0-0)	0 (0-0)	0 (0-0)	7 (3-12)	42 (18-65)	84 (37-131)	133 (63-204)	199 (122-269)

<b>Yunnan</b>	<b>Lijiang</b>	15	11	54 (40-72)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	7 (3-11)	37 (23-50)	54 (40-72)
<b>Yunnan</b>	<b>Baoshan</b>	38	28	264 (169-341)	0 (0-0)	0 (0-0)	16 (7-24)	42 (20-63)	74 (36-110)	113 (53-168)	160 (75-236)	216 (111-304)
<b>Yunnan</b>	<b>Dalizhou</b>	29	22	304 (200-398)	0 (0-0)	0 (0-0)	0 (0-0)	17 (8-26)	65 (29-101)	124 (55-191)	194 (92-295)	287 (172-388)
<b>Yunnan</b>	<b>Dehongzhou</b>	31	23	111 (72-145)	0 (0-0)	0 (0-0)	0 (0-0)	9 (4-14)	26 (12-40)	46 (20-71)	70 (33-106)	102 (58-139)
<b>Yunnan</b>	<b>Nujiangzhou</b>	22	16	36 (25-48)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	2 (1-4)	12 (5-22)	24 (12-37)	36 (25-48)
<b>Yunnan</b>	<b>Wenshanzhou</b>	37	27	364 (233-469)	0 (0-0)	0 (0-0)	18 (8-27)	55 (26-81)	100 (47-149)	155 (72-233)	222 (103-328)	302 (158-423)
<b>Yunnan</b>	<b>Kunming</b>	28	21	558 (368-731)	0 (0-0)	0 (0-0)	0 (0-0)	25 (12-40)	116 (52-179)	226 (100-352)	356 (169-545)	531 (324-717)
<b>Yunnan</b>	<b>Zhaotong</b>	33	25	507 (327-657)	0 (0-0)	0 (0-0)	4 (1-6)	60 (28-90)	129 (60-197)	214 (97-324)	316 (147-469)	447 (241-614)
<b>Yunnan</b>	<b>Puer</b>	26	19	206 (137-270)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	35 (15-55)	80 (35-129)	132 (64-205)	201 (129-270)
<b>Yunnan</b>	<b>Qujing</b>	30	22	528 (346-685)	0 (0-0)	0 (0-0)	0 (0-0)	37 (17-58)	118 (53-182)	218 (97-332)	335 (158-508)	492 (289-663)
<b>Yunnan</b>	<b>Chuxiongzhou</b>	22	17	190 (130-251)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	18 (7-29)	67 (30-116)	123 (63-192)	190 (130-251)
<b>Yunnan</b>	<b>Yuxi</b>	23	18	171 (116-227)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	21 (9-35)	63 (28-108)	111 (56-174)	171 (114-226)
<b>Yunnan</b>	<b>Honghezhou</b>	35	27	457 (292-590)	0 (0-0)	0 (0-0)	17 (8-26)	64 (31-96)	123 (58-185)	195 (90-294)	281 (130-415)	386 (204-536)
<b>Yunnan</b>	<b>Xishuangbannazhou*</b>	28	21	96 (64-127)	0 (0-0)	0 (0-0)	0 (0-0)	3 (1-5)	19 (8-30)	39 (17-61)	62 (29-95)	92 (57-125)
<b>Yunnan</b>	<b>Diqingzhou</b>	16	12	19 (14-24)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	3 (1-5)	12 (7-17)	19 (14-24)
<b>Tibet</b>	<b>Shannandiqu</b>	16	8	11 (7-15)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	5 (2-9)	11 (7-15)
<b>Tibet</b>	<b>Lasa</b>	24	12	31 (17-46)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	4 (1-8)	16 (5-31)	30 (15-45)
<b>Tibet</b>	<b>Rikazedi</b>	21	10	33 (20-47)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	1 (0-3)	16 (6-33)	33 (19-47)
<b>Tibet</b>	<b>Changdudiqu</b>	18	9	27 (17-37)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	13 (5-25)	27 (17-37)
<b>Tibet</b>	<b>Linzhidiqu</b>	9	4	2 (0-4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	2 (0-4)
<b>Tibet</b>	<b>Naqudi</b>	52	26	42 (21-55)	0 (0-0)	0 (0-0)	0 (0-1)	3 (0-5)	6 (1-10)	11 (3-18)	18 (7-28)	28 (10-41)
<b>Tibet</b>	<b>Alidi</b>	17	8	3 (2-4)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	1 (0-2)	3 (2-4)
<b>Shaanxi</b>	<b>Xiayang</b>	59	30	1220 (739-1592)	0 (0-0)	9 (4-14)	67 (29-100)	140 (59-203)	235 (93-344)	362 (159-	535 (259-790)	770 (355-1142)

									533)			
<b>Shaanxi</b>	<b>Shangluo</b>	42	22	511 (307-670)	0 (0-0)	0 (0-0)	0 (0-0)	21 (7-31)	75 (30-113)	148 (65-231)	249 (106-385)	378 (169-570)
<b>Shaanxi</b>	<b>Ankang</b>	51	26	621 (374-815)	0 (0-0)	0 (0-0)	12 (5-18)	55 (21-81)	110 (42-164)	185 (81-277)	288 (131-434)	423 (189-632)
<b>Shaanxi</b>	<b>Baoji</b>	57	30	918 (555-1198)	0 (0-0)	1 (0-1)	45 (19-67)	102 (42-148)	175 (69-256)	273 (118-401)	407 (194-603)	588 (269-871)
<b>Shaanxi</b>	<b>Yanan</b>	44	23	486 (292-639)	0 (0-0)	0 (0-0)	0 (0-0)	25 (9-38)	75 (30-113)	142 (63-220)	235 (101-363)	354 (158-533)
<b>Shaanxi</b>	<b>Yanglingshifanq u*</b>	52	27	47 (28-62)	0 (0-0)	0 (0-0)	1 (0-1)	4 (1-6)	8 (3-12)	14 (6-21)	22 (10-33)	32 (14-48)
<b>Shaanxi</b>	<b>Yulin</b>	35	18	663 (402-870)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	64 (26-102)	179 (75-284)	335 (138-526)	532 (252-789)
<b>Shaanxi</b>	<b>Hanzhong</b>	55	29	834 (503-1090)	0 (0-0)	0 (0-0)	35 (15-52)	88 (36-129)	157 (61-229)	248 (107-369)	374 (177-556)	543 (247-807)
<b>Shaanxi</b>	<b>Weinan</b>	58	30	1315 (796-1717)	0 (0-0)	8 (4-13)	71 (31-106)	150 (63-218)	253 (100-370)	390 (171-576)	578 (279-854)	833 (383-1234)
<b>Shaanxi</b>	<b>Xian</b>	57	30	2092 (1265-2731)	0 (0-0)	3 (1-4)	104 (45-154)	232 (96-338)	399 (157-585)	622 (269-915)	927 (443-1374)	1340 (613-1985)
<b>Shaanxi</b>	<b>Tongchuan</b>	56	29	204 (123-267)	0 (0-0)	0 (0-0)	9 (4-13)	22 (9-32)	38 (15-56)	60 (26-90)	91 (43-135)	132 (60-196)
<b>Gansu</b>	<b>Linxiazhou</b>	51	26	352 (223-450)	0 (0-0)	0 (0-0)	5 (2-6)	27 (14-37)	54 (28-75)	89 (45-126)	134 (70-192)	194 (97-276)
<b>Gansu</b>	<b>Lanzhou</b>	49	25	642 (408-824)	0 (0-0)	0 (0-0)	2 (1-2)	44 (23-61)	96 (49-133)	162 (82-231)	249 (128-358)	364 (178-521)
<b>Gansu</b>	<b>Jiayuguan</b>	31	15	31 (20-41)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-1)	6 (2-9)	13 (6-20)	22 (11-33)
<b>Gansu</b>	<b>Tianshui</b>	36	18	494 (317-641)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	41 (19-61)	113 (54-170)	209 (96-313)	329 (155-488)
<b>Gansu</b>	<b>Dingxi</b>	42	21	443 (281-573)	0 (0-0)	0 (0-0)	0 (0-0)	11 (5-15)	53 (25-76)	108 (53-160)	181 (87-268)	275 (130-399)
<b>Gansu</b>	<b>Pingliang</b>	51	26	373 (237-477)	0 (0-0)	0 (0-0)	5 (2-6)	28 (15-39)	57 (30-80)	95 (48-133)	143 (74-204)	207 (103-294)
<b>Gansu</b>	<b>Qingyang</b>	37	18	336 (215-436)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	28 (13-42)	77 (37-116)	142 (65-213)	223 (105-331)
<b>Gansu</b>	<b>Zhangye</b>	44	22	202 (128-261)	0 (0-0)	0 (0-0)	0 (0-0)	8 (4-11)	26 (13-37)	50 (25-72)	81 (40-119)	122 (58-176)
<b>Gansu</b>	<b>Wuwei</b>	42	21	297 (188-385)	0 (0-0)	0 (0-0)	0 (0-0)	6 (3-9)	35 (17-51)	72 (35-107)	121 (58-180)	185 (87-268)

<b>Gansu</b>	<b>Gannanzhou</b>	39	19	108 (69-139)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	10 (5-15)	25 (12-38)	45 (21-67)	70 (32-102)
<b>Gansu</b>	<b>Baiyin</b>	43	22	285 (180-368)	0 (0-0)	0 (0-0)	0 (0-0)	10 (5-14)	36 (17-52)	70 (35-102)	115 (56-170)	174 (82-252)
<b>Gansu</b>	<b>Jiuquan</b>	47	24	190 (120-245)	0 (0-0)	0 (0-0)	0 (0-0)	10 (5-14)	27 (13-37)	47 (24-68)	75 (37-109)	111 (53-159)
<b>Gansu</b>	<b>Jinchang</b>	38	19	71 (45-92)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	6 (3-9)	16 (8-25)	30 (14-45)	47 (22-69)
<b>Gansu</b>	<b>Longnan</b>	34	17	375 (241-487)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	24 (11-36)	82 (39-125)	160 (72-241)	257 (122-380)
<b>Qinghai</b>	<b>Guoluozhou</b>	43	20	45 (28-58)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-1)	6 (2-9)	13 (6-20)	24 (11-37)	40 (21-56)
<b>Qinghai</b>	<b>Haidongdiqu</b>	59	28	400 (256-516)	0 (0-0)	0 (0-0)	16 (9-23)	44 (23-62)	81 (40-115)	133 (66-189)	208 (107-299)	311 (159-445)
<b>Qinghai</b>	<b>Haibezhou</b>	40	19	65 (41-84)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	7 (3-10)	19 (9-29)	36 (16-54)	61 (34-82)
<b>Qinghai</b>	<b>Hainanzhou</b>	43	20	110 (69-141)	0 (0-0)	0 (0-0)	0 (0-0)	1 (0-1)	14 (6-21)	33 (16-49)	60 (28-90)	99 (53-136)
<b>Qinghai</b>	<b>Haixizhou</b>	38	18	115 (72-148)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	11 (4-16)	32 (15-49)	63 (28-95)	109 (63-146)
<b>Qinghai</b>	<b>Yushuzhou</b>	20	9	54 (38-71)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	26 (12-44)	54 (38-71)
<b>Qinghai</b>	<b>Xining</b>	49	23	587 (371-759)	0 (0-0)	0 (0-0)	0 (0-0)	36 (17-51)	99 (46-142)	188 (93-273)	316 (153-467)	492 (253-700)
<b>Qinghai</b>	<b>Huangnanzhou</b>	52	25	70 (44-90)	0 (0-0)	0 (0-0)	0 (0-0)	5 (2-7)	12 (6-18)	22 (11-32)	37 (18-54)	57 (29-81)
<b>Ningxia</b>	<b>Zhongwei</b>	43	23	300 (193-393)	0 (0-0)	0 (0-0)	0 (0-0)	20 (9-29)	55 (25-84)	104 (50-162)	172 (81-263)	272 (151-383)
<b>Ningxia</b>	<b>Wuzhong</b>	50	27	380 (245-503)	0 (0-0)	0 (0-0)	13 (6-19)	43 (20-64)	82 (39-124)	137 (69-207)	213 (103-323)	314 (165-458)
<b>Ningxia</b>	<b>Guyuan</b>	39	21	327 (211-428)	0 (0-0)	0 (0-0)	0 (0-0)	11 (5-16)	52 (24-81)	110 (51-173)	189 (88-292)	308 (181-419)
<b>Ningxia</b>	<b>Shizuishan</b>	52	28	220 (141-291)	0 (0-0)	0 (0-0)	10 (5-14)	27 (12-40)	49 (23-73)	79 (40-120)	122 (60-185)	178 (93-261)
<b>Ningxia</b>	<b>Yinchuan</b>	49	26	587 (378-776)	0 (0-0)	0 (0-0)	14 (7-21)	61 (28-91)	124 (58-186)	211 (106-321)	330 (159-502)	493 (261-717)
<b>Xinjiang</b>	<b>Wulumuqi</b>	68	34	1106 (726-1437)	0 (0-0)	36 (21-53)	84 (48-122)	142 (78-206)	216 (115-309)	312 (159-453)	440 (237-640)	616 (330-895)
<b>Xinjiang</b>	<b>Yilizhou*</b>	43	21	736 (478-959)	0 (0-0)	0 (0-0)	0 (0-0)	20 (9-29)	95 (43-142)	196 (96-301)	334 (158-516)	518 (251-788)
<b>Xinjiang</b>	<b>Kezilesuzhou*</b>	43	21	155 (101-203)	0 (0-0)	0 (0-0)	0 (0-0)	4 (1-6)	20 (9-30)	41 (20-63)	70 (33-109)	109 (53-166)
<b>Xinjiang</b>	<b>Kelamayi</b>	31	16	97 (64-127)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	3 (1-5)	21 (9-34)	46 (20-73)	80 (43-116)
<b>Xinjiang</b>	<b>Boertalazhou*</b>	43	21	131 (85-171)	0 (0-0)	0 (0-0)	0 (0-0)	3 (1-5)	17 (7-25)	35 (17-53)	59 (28-92)	92 (45-140)

<b>Xinjiang</b>	<b>Tulufandiqu</b>	68	34	221 (145-287)	0 (0-0)	7 (4-10)	17 (9-24)	28 (15-41)	43 (23-62)	62 (32-90)	88 (47-128)	123 (66-179)
<b>Xinjiang</b>	<b>Hetiandiqu</b>	92	46	781 (527-998)	42 (26-61)	64 (40-94)	91 (56-132)	122 (74-176)	161 (96-231)	210 (119-300)	273 (151-384)	359 (209-508)
<b>Xinjiang</b>	<b>Hamidiqus</b>	40	20	163 (106-212)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	18 (8-27)	42 (20-65)	75 (35-116)	119 (58-179)
<b>Xinjiang</b>	<b>Kashidiqu</b>	115	58	1634 (1135-2057)	139 (93-199)	178 (118-255)	223 (146-321)	276 (177-396)	339 (214-483)	417 (261-587)	516 (312-725)	645 (376-899)
<b>Xinjiang</b>	<b>Dachengdiqu</b>	22	11	232 (166-303)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	20 (8-34)	105 (49-180)	229 (160-302)
<b>Xinjiang</b>	<b>Bayinguolengzhou*</b>	43	21	379 (246-494)	0 (0-0)	0 (0-0)	0 (0-0)	10 (4-15)	49 (22-73)	100 (49-155)	172 (81-266)	267 (129-406)
<b>Xinjiang</b>	<b>Changjizhou</b>	41	20	417 (271-543)	0 (0-0)	0 (0-0)	0 (0-0)	7 (3-10)	50 (23-76)	109 (53-168)	190 (89-295)	298 (145-452)
<b>Xinjiang</b>	<b>Akesudiqu</b>	76	38	873 (578-1131)	19 (11-27)	48 (28-69)	82 (48-119)	123 (71-179)	175 (96-252)	242 (128-344)	331 (179-477)	453 (255-655)
<b>Xinjiang</b>	<b>Aletaidiqu</b>	11	6	53 (35-74)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	0 (0-0)	10 (7-15)	53 (35-74)

142 \* There are nine small cities without PM<sub>2.5</sub> monitoring station. They are Bayinguohengzhou in Xinjiang, Bijiediqu in Guizhou, Boertalazhou in Xinjiang, Chaohu in Anhui,  
 143 Jiyuan in Henan, Kezilesuzhou in Xinjiang, Xishuangbannazhou in Yunnan, Yanglingshifanqu in Shanxi and Yilizhou in Xinjiang, with a total urban adult population of 2  
 144 million (0.8% of the sum of the 339 cities) and 3409 (95%CI: 2129, 4448) total premature mortalities attributable to total PM<sub>2.5</sub> exposures (0.88% (95%CI: 0.87%, 0.89%) of  
 145 the sum of the 339 cities). For each of those nine cities, we took the annual mean outdoor concentration of the specific province (rural areas excluded) where that city belongs  
 146 as its outdoor PM<sub>2.5</sub> concentration.

147 **Table S8. Summary of PM<sub>2.5</sub> infiltration factors ( $F_{inf}$ ), indoor PM<sub>2.5</sub> concentrations, total exposure concentrations and total outdoor PM<sub>2.5</sub>-related mortalities, as well**

148 as avoidable mortalities (95% CI) for various “reduction scenarios” across urban China based on different values of the province-specific population-average  $F_{inf}$

149 within the range of 0.40 to 0.95.

Scenarios	Baseline	50% $F_{inf}$	75% $F_{inf}$	125% $F_{inf}$	150% $F_{inf}$	
<b>Infiltration factor</b>	Mean: 0.65 Range: 0.48 - 0.94	Mean: 0.40 Range: 0.40 - 0.47	Mean: 0.50 Range: 0.40 - 0.71	Mean: 0.80 Range: 0.60 - 0.95	Mean: 0.87 Range: 0.71 - 0.95	
<b>Indoor PM<sub>2.5</sub> concentration: µg/m<sup>3</sup> (no indoor guideline)</b>	Mean: 32 Range: 5 - 59	Mean: 20 Range: 4 - 46	Mean: 24 Range: 4 - 46	Mean: 39 Range: 6 - 73	Mean: 43 Range: 7 - 88	
<b>Total exposure concentration: µg/m<sup>3</sup> (no indoor guideline)</b>	Mean: 34 Range: 5 - 68	Mean: 24 Range: 5 - 57	Mean: 28 Range: 5 - 57	Mean: 41 Range: 6 - 80	Mean: 44 Range: 7 - 92	
<b>ΔMort*</b> <b>(Mortalities attributed to total exposures)</b>	389000 (245000-501000)	389000 (245000-501000)	389000 (245000-501000)	389000 (245000-501000)	389000 (245000-501000)	
<b>ΔMort<sub>avoidable</sub>* from meeting different annual mean indoor PM<sub>2.5</sub> standard /guideline</b>	<b>35 µg/m<sup>3</sup> (ASHB guideline)</b>	14000 (8000-20000)	1000 (0-1000)	2000 (1000-2000)	32000 (16000-45000)	42000 (21000-60000)
	<b>30 µg/m<sup>3</sup></b>	25000 (13000-36000)	2000 (1000-3000)	6000 (4000-9000)	48000 (24000-68000)	60000 (29000-86000)
	<b>25 µg/m<sup>3</sup></b>	43000 (22000-62000)	7000 (4000-10000)	16000 (9000-24000)	71000 (35000-102000)	86000 (41000-123000)
	<b>20 µg/m<sup>3</sup></b>	71000 (34000-102000)	18000 (10000-26000)	35000 (18000-50000)	103000 (50000-149000)	120000 (58000-173000)
	<b>15 µg/m<sup>3</sup></b>	110000 (53000-159000)	42000 (21000-60000)	67000 (33000-97000)	145000 (70000-211000)	163000 (81000-237000)
	<b>10 µg/m<sup>3</sup> (WHO guideline)</b>	162000 (79000-237000)	86000 (41000-124000)	117000 (56000-170000)	197000 (98000-288000)	215000 (107000-315000)
	<b>5 µg/m<sup>3</sup></b>	230000 (116000-333000)	157000 (77000-230000)	187000 (92000-274000)	263000 (134000-377000)	279000 (143000-399000)
	<b>0 µg/m<sup>3</sup> (Mortalities attributed to indoor exposures)</b>	316000 (176000-435000)	261000 (135000-373000)	284000 (152000-399000)	339000 (194000-459000)	351000 (204000-471000)

150 \*Mortality-related results are rounded to thousands.

151    **Definition of urban areas**

152    *Urban areas here include urban areas in a city with districts and a city without districts.*

153

154    ***Urban areas in a city with districts refers to:***

155    *(1) If the population density of the municipal district is 1,500 persons/km<sup>2</sup> or more, the urban area shall be the administrative area of the district;*

157

158    *(2) If the population density of the municipal district is less than 1,500 persons/km<sup>2</sup>, the urban area shall be the resident of the people's government of the municipal district and the other district offices of the district;*

161

162    *(3) If the construction of the urban area of the government of the aforementioned municipal district has been extended to some areas of the surrounding towns (townships), and the urban area should also include all administrative areas of the towns (townships).*

165

166    *The other areas in a city with districts are divided according to the towns and villages specified in this regulation.*

168

169    ***Urban areas in a city without districts refers to:***

170    *(1) The resident of the municipal government and other subdistrict offices under the municipality;*

171

172    *(2) If the construction of the urban area of the municipal government has been extended to some areas of the surrounding towns (townships), and the urban area should also include all administrative areas of the towns (townships).*

175

176    *Other areas in a city with districts are divided into towns and villages according to these regulations.*