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Supporting Information

Table S1 Urban areas, populations and GDP of the 147 large cities in China whose populations are greater than 500000

The supporting information is available online at csb.scichina.com and www.springerlink.com. The supporting materials are published as submitted, without typesetting or editing. The responsibility for scientific accuracy and content remains entirely with the authors.

Table S1 Urban areas, populations and GDP of the 147 large cities in China whose populations are greater than 500000 (Area measurement unit: km², Population measurement unit: 10000 persons, GDP measurement unit: 100000000 Yuan)

City	2010			2000			1990		
	Area of built district	Population*	GDP*	Area of built district	Population	GDP	Area of built district	Population	GDP
Shanghai	1514.52	1921.32	14875.80	857.94	928.21	4098.64	422.45	749.65	511.74
Beijing	2416.48	1491.80	11972.00	1516.22	635.38	2332.31	1106.12	576.96	438.48
Shenzhen	692.48	891.23	8201.32	401.95	300.00	1665.24	61.58	35.07	107.20
Chongqing	269.39	800.11	4891.58	141.09	460.77	786.20	103.10	259.75	103.82
Guangzhou	637.05	654.68	8409.75	328.08	401.80	2125.11	113.18	291.43	261.53
Tianjin	779.60	580.40	7030.25	391.07	481.57	1392.88	264.10	457.47	245.57
Wuhan	440.36	541.01	3888.85	275.11	369.34	1206.84	141.21	328.42	118.36
Nanjing	608.07	482.60	3825.76	230.25	255.86	775.59	97.58	209.02	125.43
Shenyang	530.72	423.42	3667.22	344.26	353.53	937.88	228.29	360.37	184.25
Chengdu	498.07	410.93	3139.86	228.38	227.68	669.86	113.06	171.33	99.19
Harbin	275.59	398.60	2272.26	203.84	278.03	617.35	131.86	244.34	104.53
Xi'an	381.64	341.80	2315.06	190.79	246.60	601.53	120.74	195.90	76.72
Zhengzhou	293.11	285.01	1431.79	151.71	152.98	343.47	83.45	115.97	50.08
Jinan	276.54	281.00	2512.63	180.28	168.85	661.41	122.05	145.92	91.73
Qingdao	241.92	275.44	2788.77	151.39	167.43	628.92	83.79	145.92	85.37
Taiyuan	279.63	271.29	1422.45	177.54	185.12	294.82	139.32	153.39	73.42
Dalian	332.97	269.88	3020.45	244.26	207.69	790.10	139.97	172.33	132.43
Hangzhou	347.63	265.12	4069.87	137.06	143.69	677.85	71.82	126.26	113.96
Changchun	313.13	257.45	2053.38	203.40	217.01	618.16	138.02	167.93	58.77
Urumchi	297.78	241.20	1079.44	189.18	133.76	257.53	131.87	104.69	57.37
Changsha	300.04	239.17	2250.14	113.46	139.00	415.25	65.62	111.32	51.49
Shantou	70.81	226.65	1027.85	51.54	89.49	223.46	24.92	57.86	29.16
Shijiazhuang	240.75	224.50	1082.13	183.51	141.00	417.73	107.96	106.84	52.97
Kunming	247.36	221.12	1348.49	145.19	150.27	483.31	85.88	119.53	73.06
Nanchang	121.74	204.00	1246.47	80.30	133.94	309.39	47.86	108.61	37.97
Suzhou	494.03	202.31	2992.33	137.81	89.18	335.42	52.94	70.65	47.08
Wuxi	496.70	201.57	2740.61	167.65	99.27	426.43	73.57	82.68	59.70
Hefei	348.03	195.53	1591.47	95.20	107.50	235.22	62.50	73.33	35.64
Tangshan	127.49	193.13	1919.37	93.13	114.00	295.74	76.53	104.42	50.54
Lanzhou	131.31	187.99	804.88	104.48	148.08	270.64	90.80	119.46	63.38
Dongguan	1200.18	179.10	3763.91	600.56	16.07	489.73	152.55	30.87	64.61
Guiyang	114.49	178.88	725.95	82.02	130.50	215.67	44.56	101.86	44.52
Luoyang	164.65	165.48	666.37	89.23	103.82	199.06	45.27	75.98	37.54
Nanning	137.32	165.14	1104.28	82.75	98.74	215.22	43.44	72.19	34.76
Fuzhou	198.19	160.13	1327.98	102.27	111.58	464.10	57.76	87.48	47.97
Baotou	221.16	149.91	1806.31	130.00	111.35	189.33	80.81	98.35	34.99
Zibo	317.34	147.66	1887.83	174.99	119.78	522.62	57.42	113.81	87.74
Handan	97.21	147.39	483.61	68.94	104.85	169.44	50.55	83.75	39.15
Anshan	188.69	147.24	1077.95	129.00	129.10	329.03	82.90	120.40	73.88
Linyi	351.64	143.49	768.93	198.87	42.16	185.81	48.25	32.47	25.91
Ningbo	338.54	142.60	2549.00	81.99	70.30	436.06	18.76	55.25	52.69
Xiamen	278.81	142.00	1737.23	84.83	66.22	501.87	31.98	38.68	43.37

Yantai	185.17	137.79	1553.01	110.17	82.10	296.48	56.98	45.21	28.83
Xuzhou	178.60	137.67	1143.36	86.24	91.85	288.10	40.88	80.57	36.79
Fushun	103.60	130.38	517.40	78.82	127.55	170.32	61.48	120.24	52.99
Foshan	175.04	129.19	4820.90	90.29	42.44	159.48	32.75	30.32	34.63
Jilin	101.65	127.32	831.64	83.46	124.36	238.69	60.26	103.69	52.14
Changzhou	461.79	119.84	1919.42	133.37	81.25	253.62	66.66	53.15	39.53
Datong	114.58	119.20	213.63	79.37	97.40	137.28	60.62	79.83	39.58
Weifang	243.33	116.64	689.95	118.06	59.03	183.33	37.49	42.85	31.80
Huaian	108.36	110.00	685.61	42.40	12.48	69.76	25.96	13.11	24.76
Qiqihar	83.65	108.59	341.29	61.42	112.38	121.35	51.20	107.01	31.74
Baoding	105.91	106.24	480.88	86.27	61.09	136.41	43.95	48.32	24.36
Wenzhou	99.55	105.96	1054.35	60.18	53.12	332.05	23.67	40.19	20.59
Daqing	89.96	105.71	1928.99	48.91	84.04	987.61	30.02	65.73	150.06
Huainan	57.40	104.17	362.54	33.03	84.20	98.47	27.86	70.39	22.25
Huhehot	207.46	102.81	1181.34	97.23	79.00	124.50	57.88	65.25	23.92
Wuhu	90.36	102.08	652.34	32.32	51.43	110.42	23.95	42.57	17.95
Nanyang	64.46	101.34	383.36	42.04	50.96	128.22	25.54	24.33	10.47
Liuzhou	110.85	97.35	708.83	82.94	79.25	143.01	56.47	60.93	32.78
Taizhou	34.19	95.45	729.35	17.12	27.31	256.61	6.53	17.98	23.82
Shangqiu	70.50	95.00	204.02	39.91	35.00	72.24	10.78	16.50	4.30
Huizhou	47.10	94.21	888.26	16.31	32.86	137.51	6.59	16.10	10.65
Hengyang	53.54	94.00	317.97	34.48	57.41	82.80	21.90	48.71	19.06
Jinzhou	67.10	93.40	360.74	51.08	67.85	88.20	37.15	56.95	30.51
Yinchuan	110.39	91.43	439.82	52.59	49.38	75.60	40.16	35.59	15.81
Jiangmen	113.84	90.05	768.36	53.87	34.18	260.68	25.50	23.06	18.31
Xining	80.07	89.98	354.94	45.77	62.49	62.62	36.44	55.18	14.49
Pingdingshan	60.12	86.01	407.87	39.55	64.95	97.84	27.42	41.08	22.73
Kaifeng	65.73	85.38	189.49	48.07	57.80	61.13	38.37	50.78	16.01
Haikou	76.42	85.34	489.55	42.06	48.40	133.62	23.42	28.02	18.45
Benxi	42.69	85.11	508.11	35.63	83.40	121.33	30.48	76.88	32.51
Yingkou	88.40	85.03	450.64	42.40	50.90	64.53	32.65	42.16	18.38
Qinhuangdao	107.00	82.62	466.86	52.73	51.11	158.70	34.92	36.49	25.89
Zhangjiakou	46.29	82.30	309.72	36.49	63.31	116.68	25.08	52.91	23.86
Huaibei	60.62	81.10	281.86	35.44	51.50	68.58	13.99	36.65	15.70
Zaozhuang	41.25	80.06	653.77	14.86	65.42	138.30	5.12	38.08	32.81
Nantong	153.09	80.00	1144.90	51.02	76.95	159.87	26.40	34.33	28.48
Zhuzhou	83.45	79.66	521.04	56.51	55.35	154.63	36.27	41.49	25.56
Zhenjiang	68.12	79.27	741.26	34.29	51.87	144.75	20.96	36.83	20.97
Bengbu	65.29	78.21	267.09	29.93	53.14	74.66	25.39	44.92	21.33
Fuxin	60.40	77.80	160.63	44.59	68.79	48.38	33.47	63.55	14.92
Chifeng	60.32	76.61	377.93	28.90	36.60	70.89	19.84	35.01	17.26
Zigong	34.25	76.39	352.08	23.49	47.30	90.85	16.61	39.32	18.33
Xianyang	50.88	76.29	322.02	30.27	45.37	116.88	19.69	35.21	18.87
Xiangfan	83.23	75.81	712.32	40.93	62.41	89.40	24.02	41.04	15.46
Guilin	61.31	75.79	303.58	38.29	48.81	99.84	27.03	36.41	15.63
Jiaozuo	95.26	75.35	221.55	63.57	55.78	65.19	35.65	40.91	18.04
Yichun	22.27	75.16	115.14	14.79	78.03	48.67	11.34	79.58	15.14

Mianyang	45.43	74.82	387.46	30.61	43.05	139.22	11.31	26.29	6.19
Xinxiang	74.57	74.00	269.41	51.54	61.40	78.99	40.30	47.38	17.33
Yangzhou	114.53	73.75	830.87	53.09	42.42	137.25	25.52	31.29	20.64
Jixi	23.36	73.72	139.51	21.30	76.01	44.20	19.13	68.39	15.04
Liaoyang	87.89	72.70	332.77	71.04	58.28	86.83	44.73	49.25	25.92
Yichang	49.62	72.25	649.93	38.27	50.77	92.65	22.75	37.16	18.16
Changzhi	53.73	72.12	220.67	33.96	40.31	81.27	28.79	32.11	17.64
Zhuhai	63.51	72.08	1038.66	35.13	40.11	283.77	13.70	16.47	31.67
Nanchong	27.69	72.00	246.67	16.28	42.96	68.07	9.62	18.03	7.74
Zunyi	33.40	72.00	239.23	19.78	36.82	68.51	15.11	26.19	12.57
Baoji	56.50	71.67	467.84	36.02	47.90	100.42	24.00	33.78	18.53
Huangshi	74.16	71.54	303.84	41.80	57.57	103.95	29.36	45.76	19.13
Xiangtan	56.96	71.39	430.16	39.36	54.14	118.08	31.17	43.06	18.92
Jieyang	132.55	70.68	185.98	61.36	22.70	70.51	11.00	0.00	0.00
Lianyungang	59.02	70.50	369.54	33.17	47.04	103.31	21.00	35.41	18.70
Fuyang	58.04	70.05	188.91	28.32	32.24	65.70	15.81	17.96	6.48
Anyang	90.51	69.55	311.86	59.10	54.73	99.91	43.70	42.03	20.39
Mudanjiang	63.03	68.80	201.30	54.44	65.74	86.31	41.81	57.17	22.90
Panjin	88.38	68.77	431.50	56.37	48.36	254.54	34.93	36.28	30.13
Heze	69.46	68.34	205.60	31.96	28.80	39.31	23.57	18.93	11.02
Jingzhou	61.36	67.71	249.06	43.61	61.56	80.91	34.52	28.27	14.64
Yancheng	70.47	66.30	528.55	36.05	32.34	69.63	18.54	29.68	26.37
Quanzhou	71.49	66.30	703.57	53.96	30.50	162.82	11.13	18.52	11.50
Zhanjiang	70.97	65.22	623.94	42.18	62.18	204.22	25.20	40.10	32.25
Dandong	43.28	64.74	217.43	35.74	60.26	82.94	27.24	52.37	21.85
Tianshui	18.78	63.34	153.35	17.02	32.20	42.39	13.88	24.50	12.71
Jining	67.79	63.13	538.98	39.78	36.90	90.12	23.20	26.52	9.96
Changde	38.21	62.12	559.90	26.19	34.10	124.77	16.10	30.13	16.79
Luzhou	20.75	61.95	301.76	13.44	38.61	81.99	5.90	26.29	9.94
Yueyang	51.44	61.80	550.46	27.86	45.95	159.85	12.41	30.28	21.34
Binzhou	72.36	61.80	286.09	30.89	19.84	60.61	18.49	13.36	7.32
Xingtai	81.84	61.20	186.66	60.62	42.29	52.13	34.29	30.28	15.33
Jiujiang	41.80	60.73	390.32	20.19	37.23	91.76	12.69	29.12	10.04
Jiamusi	58.67	60.60	209.77	44.07	58.94	66.67	39.27	49.34	19.47
Taizhou	92.52	60.40	458.53	36.95	29.11	112.56	20.85	15.24	8.45
Dezhou	92.99	59.74	306.95	54.20	31.85	87.81	29.55	19.55	10.93
Dongying	219.76	59.70	1377.03	81.90	50.44	379.33	63.87	28.17	54.99
Huzhou	66.54	59.39	506.11	19.64	31.47	177.43	8.73	21.81	26.91
Siping	44.49	59.00	173.75	35.10	39.20	40.33	28.46	31.72	3.31
Zhongshan	127.63	57.96	1566.41	57.37	21.86	312.82	14.10	27.88	43.55
Taian	103.94	57.84	587.35	52.43	46.00	159.80	24.22	35.07	19.32
Panzhuhua	10.44	57.16	329.48	8.24	50.10	93.34	4.91	41.55	18.39
Anqing	42.99	57.10	192.35	20.76	36.86	71.31	13.74	25.07	13.10
Liaocheng	70.18	56.60	210.31	30.03	22.80	52.28	18.07	20.78	12.02
Yiwu	107.14	56.50	227.96	23.55	8.45	119.27	5.56	5.90	11.26
Hegang	60.16	56.26	134.07	42.80	59.18	33.77	37.48	52.27	14.34
Shaoguan	39.03	56.01	293.23	26.13	37.54	81.45	20.04	35.00	22.20

Qujing	41.49	55.60	271.52	20.61	21.76	75.13	11.80	17.87	18.82
Yangquan	38.75	55.33	235.50	31.34	46.13	70.78	26.52	36.23	15.28
Rizhao	102.19	54.82	670.43	37.15	26.10	112.99	13.61	18.50	15.65
Shaoyang	32.68	53.95	123.47	22.71	31.30	37.35	17.86	24.72	9.12
Ordos	16.90	53.90	507.40	4.01	12.80	35.80	2.63	7.82	2.83
Cangzhou	59.70	53.28	327.48	47.55	36.15	60.19	33.54	24.27	9.55
Yiyang	29.13	53.00	231.31	15.77	37.70	66.80	10.69	18.58	7.59
Shaoxing	116.11	52.38	407.58	32.45	23.55	119.16	11.19	17.98	13.74
Maanshan	91.67	51.82	520.69	45.15	41.14	99.32	22.15	30.54	20.23
Chaoyang	43.28	51.50	135.94	27.15	30.71	31.99	19.83	22.24	9.02
Ganzhou	44.83	51.11	183.46	16.11	47.17	46.30	8.97	22.01	6.83
