

1. Supporting information used in the inventory construction method

Table S1 shows the final consumption sectors involved in the city's energy statistics and CO₂ emission inventory.

Table S1. Final consumption sectors involved in city's energy statistics and CO₂ emission inventory

No. (i)	Socioeconomic sectors	Category	
1	Farming, Forestry, Animal Husbandry, Fishery and Water Conservancy	Primary industry	
2	Coal Mining and Dressing	Mining	
3	Petroleum and Natural Gas Extraction		
4	Ferrous Metals Mining and Dressing		
5	Nonferrous Metals Mining and Dressing		
6	Non-metal Minerals Mining and Dressing		
7	Other Minerals Mining and Dressing		
8	Logging and Transport of Wood and Bamboo		Manufacturing
9	Food Processing		
10	Food Production		
11	Beverage Production		
12	Tobacco Processing		
13	Textile Industry		
14	Garments and Other Fibre Products		
15	Leather, Furs, Down and Related Products		
16	Timber Processing, Bamboo, Cane, Palm Fibre & Straw Products		
17	Furniture Manufacturing		
18	Papermaking and Paper Products		
19	Printing and Record Medium Reproduction		
20	Cultural, Educational and Sports Articles		
21	Petroleum Processing and Coking		
22	Raw Chemical Materials and Chemical Products		
23	Medical and Pharmaceutical Products		
24	Chemical Fibre		
25	Rubber Products		
26	Plastic Products		
27	Non-metal Mineral Products		
28	Smelting and Pressing of Ferrous Metals		
29	Smelting and Pressing of Nonferrous Metals		
30	Metal Products		
31	Ordinary Machinery		
32	Equipment for Special Purposes		
33	Transportation Equipment manufacturing		
34	Electric Equipment and Machinery		
35	Electronic and Telecommunications Equipment		
36	Instruments, Meters, Cultural and Office Machinery		
37	Other Manufacturing Industry		
38	Scrap and waste		
39	Production and Supply of Electric Power, Steam and Hot Water (Electricity generation)	Electric power, gas and water production and supply	
40	Production and Supply of Gas		
41	Production and Supply of Tap Water		
42	Construction	Construction	
43	Transportation, Storage, Post and Telecommunication Services (Transportation services)	Services sectors / Tertiary industry	

44	Wholesale, Retail Trade and Catering Services (Wholesale services)	
45	Urban	Residential usage
46	Rural	
47	Other	Other

Table S2 shows the energy types involved in the city's energy statistics and CO₂ emission inventory.

Table S2 Energy types involved in city's energy statistics and CO₂ emission inventory

No. (j)	Energy type	No. (j)	Energy type
1	Raw coal	11	Kerosene
2	Cleaned coal	12	Diesel oil
3	Other washed coal	13	Fuel oil
4	Briquettes	14	Liquefied petroleum gas (LPG)
5	Coke	15	Refinery gas
6	Coke oven gas	16	Other petroleum products
7	Other gas	17	Nature gas
8	Other coking products	18	Heat / Non-fossil heat
9	Crude oil	19	Electricity / Non-fossil electricity
10	Gasoline	20	Other energy

Table S3 shows the socioeconomic indices and total CO₂ emissions of the 20 case cities.

Table S3. Socioeconomic indices and total CO₂ emissions of 20 case cities (Bureau of Statistics, 2011), 2010

City	Location	Area (km ²)	Pop (10 ⁶)	GDP (10 ⁶ Yuan)	CO ₂ emissions (mt)	Per capita emissions (t)	Emission intensity (t/10 ³ Yuan)
Jixi	Heilongjiang, northeast	22531	189	41949	43.22	22.84	1.03
Hohhot	Inner Mongolia, north	17224	230	186571	68.25	29.67	0.37
Changsha	Hunan, central	11816	652	454706	52.89	8.11	0.12
Weifang	Shandong, central east	16140	874	309092	66.37	7.59	0.21
Tangshan	Hebei, central north	13472	735	446916	104.33	14.20	0.23
Guangzhou	Guangdong, south	7434	806	1074828	100.50	12.47	0.09
Handan	Hebei, central north	12062	964	236156	85.98	8.92	0.36
Nanping	Fujian, southeast	26308	314	72865	7.49	2.38	0.10
Hefei	Anhui, central east	7047	495	270161	32.49	6.56	0.12
Xiamen	Fujian, southeast	1573	180	206007	11.82	6.57	0.06
Nanning	Guangxi, southwest	22112	707	180026	23.30	3.30	0.13
Zhoushan	Zhejiang, central east	1440	97	64432	6.13	6.32	0.10
Chengdu	Sichuan, southwest	12132	1149	555133	29.08	2.53	0.05
Dandong	Liaoning, northeast	15290	241	72889	9.07	3.76	0.12
Baicheng	Jilin, northeast	25745	203	44518	7.41	3.65	0.17
Yichang	Wuhan, central	21084	399	154732	25.00	6.26	0.16
Zunyi	Guizhou, southwest	30762	784	90876	26.53	3.38	0.29
Huangshi	Hubei, central	4586	260	69012	26.75	10.28	0.39
Xi'an	Shaanxi, central west	10108	783	324169	55.76	7.12	0.17
Shenzhen	Guangdong, south	1992	260	958151	38.20	14.69	0.04

Table S4 shows the data availability and limitation for the 20 case cities. Data are collected from cities' statistical yearbooks 2011 (Hohhot Municipal Bureau of Statistics, 2011;Changsha Municipal Bureau of Statistics, 2011;Weifang Municipal Bureau of Statistics, 2011;Handan Municipal Bureau of Statistics, 2011;Nanping Municipal Bureau of Statistics, 2011;Hefei Municipal Bureau of Statistics, 2011;Xiamen Municipal Bureau of Statistics, 2011;Nanning Municipal Bureau of Statistics, 2011;Zhoushan Municipal Bureau of Statistics, 2011;Chengdu Municipal Bureau of Statistics, 2011;Dandong Municipal Bureau of Statistics, 2011;Baicheng Municipal Bureau of Statistics, 2011;Yichang Municipal Bureau of Statistics, 2011;Zunyi Municipal Bureau of Statistics, 2011;Xi'an Municipal Bureau of Statistics, 2011;Shenzhen Municipal Bureau of Statistics, 2011;Jixi Municipal Bureau of Statistics, 2011;Guangzhou Municipal Bureau of Statistics, 2011;Tangshang Municipal Bureau of Statistics, 2011).

Table S4. Data availability and limitation of the 20 case cities

Cities	EBT_{sj}	T_j	AD_{ij}	AD_j	AD_t	City case
Jixi	Yes	-	Yes	Yes	ADS	Case α , A
Hohhot	Yes	-	ADS	Yes	ADS	Case α , B
Changsha	Yes	-	ADS	Yes	ADS	Case α , B
Weifang	Yes	-	N/A	Yes	Yes	Case α , D
Tangshan	Yes	-	ADS	Yes	Yes	Case α , B
Guangzhou	Yes	-	ADS	Yes	Yes	Case α , B
Handan	N/A	Yes	ADS	N/A	Yes	Case γ , C
Nanping	N/A	Yes	ADS	N/A	Yes	Case γ , C
Hefei	N/A	N/A	ADS	N/A	Yes	Case β , C
Xiamen	N/A	N/A	ADS	N/A	Yes	Case β , C
Nanning	N/A	N/A	ADS	N/A	Yes	Case β , C
Zhoushan	N/A	N/A	ADS	N/A	Yes	Case β , C
Chengdu	N/A	N/A	ADS	N/A	Yes	Case β , C
Dandong	N/A	Yes	ADS	N/A	ADS	Case γ , C
Baicheng	N/A	Yes	N/A	ADS	Yes	Case γ , D
Yichang	M/A	N/A	N/A	ADS	ADS	Case β , D
Zunyi	N/A	Yes	N/A	Yes	Yes	Case γ , D
Huangshi	N/A	Yes	N/A	ADS	ADS	Case γ , D
Xi'an	N/A	N/A	ADS	N/A	ADS	Case β , C
Shenzhen	N/A	N/A	Yes	N/A	Yes	Case β , A

Note: "Yes" refers to the data is on the whole industry scale, the abbreviation "ADS" means that the data is available for industry above designated size only. "N/A" means the data is lacking.

To calculate the CO₂ emissions from energy consumption, we collect NCV_j , EF_j , and O_{ij} from the latest research (Liu et al., 2015) (see Table S5). The emissions factors for industrial products are collected from IPCC (Intergovernmental Panel on Climate Change (IPCC), 2006) and National Development and Reform Commission in China (P. R. China National Development and Reform Commission (NDRC), 2011) as well, shown in Table S6.

Table S5. CO₂ emissions calculation parameters for energy consumption

No. (j)	Energy types	NCV_j (PJ / 10 ⁴ t, 10 ⁸ m ³ , etc.)	EF_j (Mt CO ₂ / PJ)	O_{ij} (%)
1	Raw coal	0.20908	0.087464	88.535
2	Cleaned coal	0.26344	0.087464	88.535
3	Other washed coal	0.15393	0.087464	88.535
4	Briquettes	0.17796	0.087464	88.535
5	Coke	0.28435	0.104292	97.000
6	Coke oven gas	1.63080	0.071414	99.000
7	Other gas	0.84290	0.071414	99.000

8	Other coking products	0.28435	0.091212	97.000
9	Crude oil	0.41816	0.073284	98.000
10	Gasoline	0.43124	0.069253	98.000
11	Kerosene	0.43124	0.071818	98.000
12	Diesel oil	0.42652	0.074017	98.000
13	Fuel oil	0.41816	0.077314	98.000
14	Liquefied petroleum gas (LPG)	0.50179	0.063024	99.000
15	Refinery gas	0.46055	0.073284	99.000
16	Other petroleum products	0.41816	0.074017	98.000
17	Nature gas	3.89310	0.056062	99.000
18	Non-fossil Heat	0.01000	0.000000	0.0000
19	Non-fossil Electricity	0.36000	0.000000	0.0000
20	Other energy	0.29308	0.000000	0.0000

Note: the oxygenation efficiencies are different among final energy consumption sectors, we only present the average efficiency of 47 sectors here due to the space limitation.

Table S6 shows the CO₂ emission factors for 9 main industrial production process.

Table S6. CO₂ emission factors for 9 main industrial products

No.(t)	Industrial Products	EF_t (t/t)	No.(t)	Industrial Products	EF_t (t/t)
1	Ammonia	1.5000	6	Silicon metal	4.3000
2	Soda Ash	0.4150	7	Ferro-unclassified	4.0000
3	Cement	0.4985	8	Coke as reducing agent (Ferrous Metals)	3.1000
4	Lime	0.6830	9	Coke as a reducing agent (Nonferrous Metals)	3.1000
5	Ferrochromium	1.3000			

2. CO₂ emission inventories of 20 Chinese cities

Table S7 shows the brief CO₂ emissions from 20 energy types and industrial process of the 20 case cities in 2010, while Table S8 presents the brief emissions from 47 socioeconomic sectors.

Table S7. CO₂ emissions from 20 energy types and industrial process (million tonnes, 2010)

Energy types	Jixi	Hohhot	Changsha	Weifang	Tangshan	Guangzhou	Handan	Nanping	Hefei	Xiamen
Total CO ₂ emissions	43.22	68.25	52.89	66.37	104.33	100.50	85.98	7.49	32.49	11.82
Raw Coal	40.72	57.57	12.30	41.78	65.00	50.45	43.11	4.11	21.49	6.82
Cleaned Coal	1.53	0.02	5.78	0.37	4.49	0.00	25.20	0.00	0.85	0.00
Other Washed Coal	0.01	0.00	0.01	0.00	0.02	0.00	2.00	0.00	2.25	0.00
Briquettes	0.02	1.16	0.70	0.02	1.46	0.00	0.13	0.01	0.05	0.04
Coke	0.00	0.27	15.48	6.25	2.19	2.02	0.38	0.00	0.03	0.00
Coke Oven Gas	0.00	0.00	0.00	0.50	3.98	0.00	2.53	0.00	0.23	0.00
Other Gas	0.00	0.00	0.01	2.38	0.00	0.00	0.81	0.00	1.42	0.00
Other Coking Products	0.00	0.11	0.00	0.50	1.62	0.00	0.00	0.05	0.00	0.00
Crude Oil	0.01	0.00	0.00	1.23	0.01	0.00	0.00	0.00	0.00	0.00
Gasoline	0.23	0.00	1.76	1.99	1.81	12.03	1.64	0.45	0.98	1.06
Kerosene	0.00	0.00	0.79	0.03	0.05	0.00	0.06	0.07	0.06	0.22
Diesel Oil	0.00	4.25	2.74	3.95	3.64	14.87	5.34	0.79	2.25	1.60
Fuel Oil	0.00	0.05	1.51	0.33	0.04	9.59	0.13	0.17	0.02	0.73
LPG	0.00	0.05	0.53	0.19	0.32	7.17	0.30	0.16	0.19	0.19
Refinery Gas	0.00	0.02	0.00	0.11	0.00	0.00	0.00	0.00	0.01	0.00
Other Petroleum Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.06	1.62	0.96	0.55	0.93	0.00	0.29	0.09	0.38	1.16
Non-fossil Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Non-fossil Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Process	0.63	3.13	10.32	6.20	18.80	4.37	4.06	1.57	2.27	0.00
Energy types	Nanning	Zhoushan	Chengdu	Dandong	Baicheng	Yichang	Zunyi	Huangshi	Xi'an	Shenzhen
Total CO ₂ emissions	23.30	6.13	29.08	9.07	7.41	25.00	26.53	26.75	55.76	38.20
Raw Coal	12.47	3.52	11.11	5.84	6.01	10.74	18.96	11.17	38.97	8.90
Cleaned Coal	0.01	0.00	0.27	0.01	0.33	0.00	0.07	3.00	0.00	0.00
Other Washed Coal	0.03	0.00	0.29	0.12	0.00	0.00	0.00	0.03	0.03	0.00
Briquettes	0.07	0.02	0.06	0.01	0.01	0.03	0.09	0.10	0.00	0.03

Coke	0.03	0.00	3.02	0.07	0.03	0.58	0.43	2.98	0.00	0.00
Coke Oven Gas	0.03	0.00	0.00	0.00	0.02	0.02	0.09	0.39	0.06	0.00
Other Gas	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.13
Other Coking Products	0.22	0.00	0.00	0.00	0.00	0.00	0.05	0.03	0.00	0.00
Crude Oil	0.00	0.00	0.00	0.25	0.01	0.00	0.00	0.00	5.95	0.34
Gasoline	1.08	0.71	1.39	0.61	0.24	1.02	0.67	0.50	2.17	5.55
Kerosene	0.00	0.13	0.30	0.02	0.00	0.10	0.04	0.05	0.25	1.24
Diesel Oil	2.44	1.39	1.11	1.03	0.55	1.70	1.26	0.76	4.28	12.35
Fuel Oil	0.23	0.15	0.01	0.19	0.00	0.13	0.02	0.15	0.00	2.04
LPG	0.40	0.18	0.00	0.14	0.07	0.20	0.12	0.12	0.22	1.78
Refinery Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Other Petroleum Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.04	0.03	5.57	0.02	0.13	0.61	0.73	0.26	2.48	5.83
Non-fossil Heat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Non-fossil Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Process	6.23	0.00	5.96	0.75	0.00	9.87	4.00	7.22	1.34	0.00

Table S8. CO₂ emissions from 47 sectors (million tonnes, 2010)

Sectors	Jixi	Hohhot	Changsha	Weifang	Tangshan	Guangzhou	Handan	Nanping	Hefei	Xiamen
Total CO ₂ emissions	43.22	68.25	52.89	66.37	104.33	100.50	85.98	7.49	32.49	11.82
Farming, Forestry, Animal Husbandry, Fishery and Water Conservancy	-	0.43	0.19	2.08	0.73	1.67	0.65	0.48	0.26	0.07
Coal Mining and Dressing	32.60	0.03	0.49	0.03	13.97	0.00	16.08	0.00	0.00	0.00
Petroleum and Natural Gas Extraction	-	-	-	0.00	0.20	0.00	0.00	0.00	0.00	0.00
Ferrous Metals Mining and Dressing	-	0.00	0.00	0.01	0.42	0.00	0.30	0.00	0.00	0.00
Nonferrous Metals Mining and Dressing	-	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Non-metal Minerals Mining and Dressing	0.08	0.00	0.08	0.10	0.03	0.00	0.00	0.01	0.00	0.00
Other Minerals Mining and Dressing	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00
Logging and Transport of Wood and Bamboo	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00
Food Processing	0.01	0.06	0.19	0.74	0.03	0.42	0.12	0.13	0.10	0.11
Food Production	0.00	0.17	0.19	0.75	0.01	0.73	0.06	0.19	0.05	0.03
Beverage Production	0.03	0.01	0.17	0.07	0.03	0.24	0.08	0.03	0.01	0.12

Tobacco Processing	-	0.00	0.05	0.02	-	0.01	0.00	0.01	0.00	0.01
Textile Industry	-	0.03	0.10	1.38	0.00	2.35	0.12	0.10	0.02	0.11
Garments and Other Fibre Products	-	0.01	0.03	0.14	0.00	1.05	0.02	0.00	0.00	0.01
Leather, Furs, Down and Related Products	-	0.00	0.02	0.03	0.00	0.33	0.00	0.00	0.00	0.01
Timber Processing, Bamboo, Cane, Palm Fibre & Straw Products	-	-	0.05	0.02	0.00	0.06	0.02	0.04	0.00	0.00
Furniture Manufacturing	-	0.00	0.01	0.03	0.00	0.24	0.01	0.00	0.00	0.01
Papermaking and Paper Products	-	0.02	0.46	1.95	0.19	1.39	0.03	0.57	0.05	0.04
Printing and Record Medium Reproduction	-	0.00	0.09	0.01	0.00	0.07	0.00	0.00	0.01	0.01
Cultural, Educational and Sports Articles	-	-	0.00	0.00	0.00	0.13	0.00	0.00	0.01	0.03
Petroleum Processing and Coking	1.03	0.03	0.00	4.35	1.15	1.27	0.07	0.00	0.01	0.00
Raw Chemical Materials and Chemical Products	0.01	0.79	0.75	6.37	1.60	1.53	0.23	1.94	0.57	0.21
Medical and Pharmaceutical Products	0.02	0.03	0.13	0.20	0.00	0.31	0.00	0.08	0.00	0.00
Chemical Fibre	-	-	-	0.54	0.00	0.01	0.00	0.01	0.00	0.00
Rubber Products	0.00	0.00	0.00	0.22	0.01	0.46	0.00	0.05	0.01	0.02
Plastic Products	0.00	0.00	0.03	0.05	0.06	0.68	0.00	0.03	0.01	0.02
Non-metal Mineral Products	0.89	3.14	14.98	6.61	20.41	4.33	5.64	1.86	2.23	0.39
Smelting and Pressing of Ferrous Metals	0.89	0.00	0.11	2.53	8.10	1.18	26.64	0.06	2.84	0.05
Smelting and Pressing of Nonferrous Metals	-	0.03	0.86	0.08	0.00	0.23	0.01	0.04	0.00	0.03
Metal Products	-	0.00	0.57	0.10	0.18	1.48	0.03	0.00	0.03	0.03
Ordinary Machinery	0.00	0.02	4.43	1.06	1.20	0.00	0.36	0.00	0.08	0.01
Equipment for Special Purposes	0.03	0.00	1.01	0.17	0.08	0.00	0.04	0.00	0.02	0.01
Transportation Equipment	-	0.00	0.27	0.41	0.08	0.00	0.02	0.01	0.10	0.07
Electric Equipment and Machinery	0.00	0.00	0.12	0.15	0.01	0.00	0.01	0.03	0.10	0.02
Electronic and Telecommunications Equipment	-	0.00	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.02
Instruments, Meters, Cultural and Office Machinery	-	-	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Manufacturing Industry	-	0.01	0.03	0.04	0.00	0.00	0.00	0.00	0.17	0.02
Scrap and waste	-	0.00	0.01	-	0.02	0.00	0.00	0.00	0.00	0.00
Production and Supply of Electric Power, Steam and Hot Water	6.15	48.43	9.81	27.91	44.59	43.70	23.69	0.37	21.33	7.10
Production and Supply of Gas	0.21	0.58	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00
Production and Supply of Tap Water	-	0.03	0.00	0.01	0.00	0.06	0.01	0.00	0.00	0.00

Construction	0.00	0.30	0.88	0.37	0.17	3.40	0.48	0.09	0.48	0.24
Transportation, Storage, Post and Telecommunication Services	0.18	3.51	4.84	3.43	3.54	28.53	5.43	0.65	2.29	1.99
Wholesale, Retail Trade and Catering Services	0.22	3.84	4.88	1.12	1.34	0.00	0.72	0.11	0.22	0.28
Others	0.04	1.75	4.75	0.46	1.70	0.00	1.85	0.10	0.50	0.50
Urban	0.53	2.88	1.36	2.05	0.43	4.00	1.36	0.17	0.88	0.28
Rural	0.28	2.13	0.67	0.70	4.01	0.64	1.87	0.32	0.10	0.00
Sectors	Nanning	Zhoushan	Chengdu	Dandong	Baicheng	Yichang	Zunyi	Huangshi	Xi'an	Shenzhen
Total CO2 emissions	23.30	6.13	29.08	9.07	7.41	25.00	26.53	26.75	55.76	38.20
Farming, Forestry, Animal Husbandry, Fishery and Water Conservancy	0.18	0.30	0.52	0.30	0.18	0.54	0.55	0.16	0.26	0.01
Coal Mining and Dressing	0.00	0.00	0.00	0.01	0.01	0.01	0.05	0.18	0.00	0.00
Petroleum and Natural Gas Extraction	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.01	0.70
Ferrous Metals Mining and Dressing	0.01	0.00	0.00	0.03	0.00	0.00	0.00	1.40	0.00	0.00
Nonferrous Metals Mining and Dressing	0.00	0.00	0.00	0.04	0.00	0.00	0.01	0.67	0.01	0.00
Non-metal Minerals Mining and Dressing	0.02	0.02	0.00	0.09	0.00	0.03	0.00	0.24	0.00	0.00
Other Minerals Mining and Dressing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Logging and Transport of Wood and Bamboo	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Food Processing	1.86	0.21	0.34	0.11	1.00	0.06	0.04	0.27	0.52	0.10
Food Production	0.06	0.00	0.24	0.01	0.11	0.09	0.04	0.11	0.11	0.11
Beverage Production	0.16	0.01	0.28	0.00	0.15	0.21	0.47	0.61	0.22	0.11
Tobacco Processing	0.03	0.00	0.04	0.00	0.00	0.00	0.07	0.00	0.00	0.01
Textile Industry	0.00	0.05	0.08	0.02	0.13	0.03	0.00	0.17	0.03	0.11
Garments and Other Fibre Products	0.00	0.00	0.02	0.01	0.13	0.00	0.00	0.31	0.00	0.21
Leather, Furs, Down and Related Products	0.01	0.00	0.15	0.00	0.02	0.00	0.00	0.01	0.00	0.07
Timber Processing, Bamboo, Cane, Palm Fibre & Straw Products	0.00	0.00	0.06	0.02	0.07	0.00	0.00	0.01	0.01	0.03
Furniture Manufacturing	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.14
Papermaking and Paper Products	0.74	0.01	0.47	0.14	0.06	0.09	0.09	0.03	0.74	0.18
Printing and Record Medium Reproduction	0.00	0.00	0.16	0.00	0.02	0.00	0.00	0.03	0.01	0.19
Cultural, Educational and Sports Articles	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.29
Petroleum Processing and Coking	0.00	0.00	0.01	0.25	0.00	0.00	0.00	0.25	6.01	0.01

Raw Chemical Materials and Chemical Products	0.86	0.30	1.15	0.50	0.01	6.90	1.82	0.53	0.09	0.22
Medical and Pharmaceutical Products	0.06	0.01	0.04	0.05	0.24	0.06	0.01	0.14	0.05	0.09
Chemical Fibre	0.00	0.00	0.01	0.57	0.00	0.00	0.00	0.00	0.00	0.00
Rubber Products	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.03	0.00	0.06
Plastic Products	0.00	0.00	0.02	0.00	0.06	0.00	0.01	0.08	0.01	0.67
Non-metal Mineral Products	9.63	0.03	9.46	0.87	0.31	8.85	6.60	9.52	2.29	0.40
Smelting and Pressing of Ferrous Metals	0.15	0.00	0.57	0.01	0.02	0.25	1.54	2.38	0.15	0.03
Smelting and Pressing of Nonferrous Metals	0.05	0.00	0.17	0.01	0.02	0.01	0.92	3.59	0.02	0.10
Metal Products	0.01	0.00	0.16	0.02	0.08	0.00	0.11	0.41	0.04	0.44
Ordinary Machinery	0.01	0.01	0.26	0.08	0.09	0.02	0.02	1.94	0.06	0.15
Equipment for Special Purposes	0.02	0.00	0.10	0.03	0.11	0.02	0.01	0.41	0.18	0.21
Transportation Equipment	0.00	0.14	0.27	0.06	0.31	0.02	0.02	0.22	0.81	0.28
Electric Equipment and Machinery	0.00	0.00	0.23	0.01	0.11	0.01	0.01	0.17	0.12	1.02
Electronic and Telecommunications Equipment	0.00	0.00	0.06	0.00	0.03	0.00	0.00	0.02	0.03	1.43
Instruments, Meters, Cultural and Office Machinery	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.01	0.02	0.24
Other Manufacturing Industry	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.14
Scrap and waste	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Production and Supply of Electric Power, Steam and Hot Water	5.21	2.91	8.86	3.73	2.64	2.92	7.09	0.35	31.17	14.39
Production and Supply of Gas	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.05	0.01	0.06
Production and Supply of Tap Water	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.02	0.01	0.06
Construction	0.03	0.21	0.85	0.12	0.04	0.71	0.16	0.16	1.05	0.35
Transportation, Storage, Post and Telecommunication Services	2.61	1.48	0.91	1.13	0.55	1.89	1.51	0.95	4.44	10.87
Wholesale, Retail Trade and Catering Services	0.47	0.06	0.27	0.08	0.15	0.87	2.10	0.43	1.72	1.80
Others	0.60	0.06	0.18	0.17	0.26	0.32	1.42	0.16	2.27	0.45
Urban	0.47	0.19	2.08	0.29	0.33	0.58	0.56	0.41	2.68	2.48
Rural	0.01	0.11	0.97	0.27	0.12	0.49	1.28	0.25	0.62	0.00

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