

第 **15** 篇
CHAPTER

2021

2021 STATISTICAL YEARBOOK OF WUXI

能源 电力

ENERGY AND ELECTRICITY



2021 STATISTICAL YEARBOOK OF WUXI

第十五篇 能源 电力

CHAPTER X V ENERGY AND ELECTRICITY



● 原煤消费量	2287.53万吨	(10 ⁴ tons)
Coal Consumption		
● 原油消费量	186.55万吨	(10 ⁴ tons)
Crude Oil Consumption		
● 汽油消费量	1.68万吨	(10 ⁴ tons)
Gasoline Consumption		
● 燃料油消费量	1.12万吨	(10 ⁴ tons)
Fuel Oil Consumption		
● 全社会用电量	759.53亿千瓦时	(10 ⁸ KWh)
Total Electricity Consumption		
比上年增长	1.2%	
Over the Previous Year		
● 工业用电量	569.39亿千瓦时	(10 ⁸ KWh)
Industrial Electricity Consumption		
比上年增长	1.1%	
Over the Previous Year		
● 城乡居民用电量	76.83亿千瓦时	(10 ⁸ KWh)
Urban and Rural Residents' Electricity Consumption		
比上年增长	4.1%	
Over the Previous Year		

15-1 全市规模以上工业企业能源购进、消费及库存量

Purchasing, Consumption and Storage of Energy in Industrial Enterprises above Designed Size

单位: 吨

(2020年)

(ton)

名 称		购进量	工业生产	其中 of Which	年末
Name		Purchase	消费量	"原材料	库存量
			Production	raw and	Storage
			Consumption	Processed	(year-end)
				Materials	
原煤	Raw Coal	22805144	22875253	1455224	998660
其他洗煤	Other Coal	1166626	1095611		81751
煤制品	Coal Product				
焦炭	Coke	4522390	4508181		58918
其它焦化产品	Other Coking Products	40068	38175	38175	8804
高炉煤气	(万立方米) Blast-furnace Gas	(10000 cu.m)	85209	1309099	
转炉煤气	(万立方米) Canrerter Gas	(10000 cu.m)		94439	
天然气	(万立方米) Natural Gas	(10000 cu.m)	348157	348129	0.1
液化天燃气	Liquefied Natural Gas	75355	75445		146
原油	Crude Oil	2677198	1865529		50903
汽油	Gasoline	16011	16839	4	63
煤油	Kerosene	437	451		7
柴油	Diesel Oil	45727	46080	32	1461
燃料油	Fuel Oil	22823	11218		349
液化石油气	Liquefied Petroleum Gas	1566	1620		13
润滑油	Lubricating Oil	2444	2391	1438	80
石蜡	Ceresin Wax				
溶剂油	Solvent Naphtha	777	778	599	4
石油沥青	Petroleum Asphalt	36967	36967	3245	
其他石油制品	Other Petroleum Products	1181	1190		21
热力	(百万千焦) Thermopower	(million Kilo-joule)	54948743	93412230	
电力	(万千瓦时) Electricity	(10000 KWh)	3910884	4490312	
城市生活垃圾（用于燃料）	City Garbage（ for Fuel）		1958134	2580437	24000
生物燃料	(吨标准煤) Waste Biomass for Fuel	(tons of SCE)	114351	91453	142
余热余压	(百万千焦) Residual neat and Pressure	(million Kilo-joule)		7527183	
其他燃料	(吨标准煤) Other Fuels	(tons of SCE)	399	399	
能源合计	(吨标准煤) Total Consumption of Energy	(tons of SCE)		39962210	1276342

15-2 分地区规模以上工业企业能源消费量

Consumption of Energy in Industrial Enterprises above Designed Size by Districts

单位: 吨		(2020年)		(ton)		
名 称	Name	全 市	Total	其中 of Which		
				市 区	江阴市	宜兴市
				Urban	Jiangyin	Yixing
				Districts	City	City
原煤	Raw Coal	22875253		1931797	15837472	5105984
其他洗煤	Other Coal	1095611			1095611	
煤制品	Coal Product					
焦炭	Coke	4508181		778446	3729651	84
其它焦化产品	Other Coking Products	38175				38175
高炉煤气 (万立方米)	Blast-furnace Gas (10000 cu.m)	1309099		55924	1253175	
转炉煤气 (万立方米)	Canrerter Gas (10000 cu.m)	94439		5139	89300	
天然气 (万立方米)	Natural Gas (10000 cu.m)	348129		148870	93826	105434
液化天然气	Liquefied Natural Gas	75445		27920	46890	635
原油	Crude Oil	1865529			1865529	
汽油	Gasoline	16839		11343	3595	1901
煤油	Kerosene	451		342	91	17
柴油	Diesel Oil	46080		25294	12995	7791
燃料油	Fuel oil	11218		5884	1017	4318
液化石油气	Liquefied Petroleum Gas	1620		900	652	67
润滑油	Lubricating Oil	2391		763	1515	113
石蜡	Ceresin Wax					
溶剂油	Solvent Naphtha	778		135	44	599
石油沥青	Petroleum Asphalt	36967			36967	
其他石油制品	Other Petroleum Products	1190		581	99	510
热力 (百万千焦)	Thermopower (million Kilo-joule)	93412230		20726307	40346758	32339165
电力 (万千瓦时)	Electricity (10000 KWh)	4490312		1988163	1918580	583546
城市生活垃圾 (用于燃料)	City Garbage (for Fuel)	2580437		1388139	622303	569995
生物燃料 (吨标准煤)	Waste Biomass for Fuel (tons of SCE)	91453		54452	90	36911
余热余压 (百万千焦)	Residual neat and Pressure (million Kilo-joule)	7527183		182468	4629300	2715416
其他燃料 (吨标准煤)	Other Fuels (tons of SCE)	399		399		
能源合计 (吨标准煤)	Total Consumption Engergy (tons of SCE)	39962210		7769128	24983962	7209092

15—3 全市规模以上工业企业分行业能源消费量

(2020年)

行 业 Sector		能源消费合计	原煤	其他洗煤
		(吨标准煤)	(吨)	(吨)
		Total Consumption of Energy (tons of SCE)	Raw Coal (Ton)	Others Coal(Ton)
总 计	Total	39962210	22875253	1095611
农副食品加工业	Processing of Food from Agricultural Products	27079		
食品制造业	Manufacture of Foods	86816		
酒、饮料和精制茶制造业	Manufacture of Wine, beverage and refined tea manufacturing	41918		
纺织业	Textile Industry	1204274	140808	
纺织服装、服饰业	Manufacture of Textile Wearing Apparel, Clothing	80115		
皮革、毛皮、羽毛及其制品和制鞋业	Manufacture of Leather, Fur, Feathe, Related and footwear Products	2888		
木材加工和木、竹、藤、棕、草制品业	Processing of Timber, Manufacture of Wood,Bamboo, Rattan, Palm and Straw Products	6588		
家具制造业	Manufacture of Furniture	12639		
造纸和纸制品业	Manufacture of Paper and Paper Products	420573	248781	
印刷和记录媒介的复制业	Printing, Reproduction of Recording Media	74502		
文教、工美、体育和娱乐用品制造业	Manufacture of Culture, art, sports and entertainment Products	26992		
石油、煤炭及其他燃料加工业	Petroleum, Coal and Other Fuel Processing Industry	2763734		
化学原料和化学制品制造业	Manufacture of Raw Chemical Materials and Chemical Products	4242829	2860359	
医药制造业	Pharmaceutical Manufacturing Industry	80723		
化学纤维制造业	Manufacture of Chemical Fibers	848587	189679	
橡胶和塑料制品业	Manufacture of Rubber,Plastics	465130		
非金属矿物制品业	Manufacture of Non-metallic Mineral Products	1111247	823332	
黑色金属冶炼和压延加工业	Smelting and Pressing of Ferrous Metals	9227518	1677353	243318
有色金属冶炼和压延加工业	Smelting and Pressing of Non-ferrous Metals	411842		
金属制品业	Manufacture of Metal Products	695331		
通用设备制造业	Manufacture of General Equipment	300873		
专用设备制造业	Manufacture of Special Equipment	145305		
汽车制造业	Manufacture of Automotive	304931		
铁路、船舶、航空航天和其他运输设备制造业	Manufacture of Railroads, ships, aerospace and other transportation equipment	53373		
电气机械和器材制造业	Manufacture of Electrical Machinery and Equipment	446224		
计算机、通信和其他电子设备制造业	Manufacture of Communication Equipment, Computers and Other Electronic Equipment	1280851	11172	
仪器仪表制造业	Manufacture of Measuring Instruments	18166		
其他制造业	Other manufacturing	17278		
废弃资源综合利用业	Comprehensive utilization of waste resources	5176		
金属制品、机械和设备修理业	Manufacture of Metal products, machinery and equipment repair	1771		
电力、热力生产和供应业	Production and Supply of Electricity and Heat	15500683	16923768	852293
燃气生产和供应业	Production and Supply of Gas	2823		
水的生产和供应业	Production and Supply of Water	53429		

Consumption of Major Energy in Industrial Enterprises above
Designed Size by Sector

煤制品 (吨) Coal Product (Ton)	焦炭 (吨) Coke (Ton)	天然气 (万立方米) Natural Gas (10000 cu·m)	液化天然气 (吨) Liquefied Natural Gas (Ton)	原油 (吨) Crude Oil (Ton)	汽油 (吨) Gasoline (Ton)	煤油 (吨) Kerosence (Ton)	柴油 (吨) Diesel Oil (Ton)	燃料油 (吨) Fuel Oil (Ton)	液化 石油气 (吨) LPG (Ton)	热力 (百万千焦) Thermopower (million Kilo- joule)	电力 (万千瓦时) Electricity (10000 kwh)
	4508181	348129	75445	1865529	16839	451	46080	11218	1620	93412230	4490312
		85								515794	6825
		600	5394		18		16			1206677	23165
		142			20		28			838600	9315
		17980	8739		631		716		366	15806104	260269
		266	183		344		203		4	1266344	26497
										39658	1250
		43			154		172			48303	3166
		35	101		27		10			12574	9367
		68			132		1914		587	4623303	50900
		1341			380		1028			324356	34897
		723			14			146		32075	11181
		2710		1865529	9		107			137989	3731
		24860	5394		470	85	2673	1716		36804318	276397
		554			44		4			1093920	30050
		15306	402		67		27			7314570	192987
		7006	4833		666		698	9	75	3339654	204082
		13037	6262		363	1	10033	9194	14	736746	164105
	4508059	31507	34048		305	16	5044	15	42	1934172	763085
	84	18075	1284		470		1725	220	0	149777	134260
	38	22576	791		1674	2	2375		302	575640	308884
		3713	478		3292	276	4065	37	139	338607	185885
		1447	333		2422	15	1317		53	150804	92372
		4918	334		1063	42	7766		17	507944	171840
		779	367		751	13	1150			10922	31130
		5189	383		1651		1416		20	800588	285505
		7002	6119		493		585			845849	1280851
		160			589		337	28			11867
		551			5					39979	6984
		66			22		60			27551	2662
					46		25				1356
		167319			310		2384			10709091	299488
		71			262		57				1144
					145		3			125363	39819

15-4 规模以上工业企业工业取水量

(2020年)

行 业	Sector	工业取水总量 (万立方米)
		Total (10000 Cu.m)
总 计	Total	127876.74
农副食品加工业	Processing of Food from Agricultural Products	55.08
食品制造业	Manufacture of Foods	313.58
酒、饮料和精制茶制造业	Manufacture of Wine, beverage and refined tea manufacturing	320.97
纺织业	Textile Industry	5301.60
纺织服装、服饰业	Manufacture of Textile Wearing Apparel, Clothing	489.42
皮革、毛皮、羽毛及其制品和制鞋业	Manufacture of Leather, Fur, Feathe, Related and footwear Products	7.83
木材加工和木、竹、藤、棕、草制品业	Processing of Timber, Manufacture of Wood,Bamboo, Rattan, Palm and Straw Products	12.71
家具制造业	Manufacture of Furniture	67.41
造纸和纸制品业	Manufacture of Paper and Paper Products	655.25
印刷和记录媒介的复制业	Printing, Reproduction of Recording Media	136.75
文教、工美、体育和娱乐用品制造业	Manufacture of Culture, art, sports and entertainment Products	98.12
石油、煤炭及其他燃料加工业	Petroleum, Coal and Other Fuel Processing Industry	58.30
化学原料和化学制品制造业	Manufacture of Raw Chemical Materials and Chemical Products	2431.24
医药制造业	Pharmaceutical Manufacturing Industry	466.43
化学纤维制造业	Manufacture of Chemical Fibers	390.38
橡胶和塑料制品业	Manufacture of Rubber,Plastics	701.18
非金属矿物制品业	Manufacture of Non-metallic Mineral Products	639.33
黑色金属冶炼和压延加工业	Smelting and Pressing of Ferrous Metals	2851.81
有色金属冶炼和压延加工业	Smelting and Pressing of Non-ferrous Metals	551.47
金属制品业	Manufacture of Metal Products	1152.57
通用设备制造业	Manufacture of General Equipment	818.73
专用设备制造业	Manufacture of Special Equipment	591.07
汽车制造业	Manufacture of Automotive	767.25
铁路、船舶、航空航天和其他运输设备制造业	Manufacture of Railroads, ships, aerospace and other transportation equipment	389.72
电气机械和器材制造业	Manufacture of Electrical Machinery and Equipment	1504.36
计算机、通信和其他电子设备制造业	Manufacture of Communication Equipment, Computers and Other Electronic Equipment	9268.04
仪器仪表制造业	Manufacture of Measuring Instruments	67.46
其他制造业	Other manufacturing	49.81
废弃资源综合利用业	Comprehensive utilization of waste resources	11.72
金属制品、机械和设备修理业	Manufacture of Metal products, machinery and equipment repair	3.05
电力、热力生产和供应业	Production and Supply of Electricity and Heat	6822.74
燃气生产和供应业	Production and Supply of Gas	14.59
水的生产和供应业	Production and Supply of Water	90866.80

Water Consumption in Industrial Enterprises above Designed Size by Sector

其中 of Which			
1、自来水 (Tap Water)	2、陆地地表水 (Surface Water)	3、地下水 (Ground Water)	重复用水量 (万立方米)
(万立方米) (Quantity) (10000 Cu.m)	(万立方米) (Quantity) (10000 Cu.m)	(万立方米) (Quantity) (10000 Cu.m)	Reused Water (10000 Cu.m)
21196.47	103521.40	169.61	224027.39
53.12		1.96	0.27
304.21	9.36		2130.85
142.40	171.85		122.78
2405.53	2440.22	20.79	7254.84
377.64	85.76	25.34	6.56
7.83			1.70
12.71			
67.03	0.38		1.14
55.04	600.20		8516.17
132.99	3.56	0.11	6.45
72.09	25.30	0.73	39.40
30.62	27.68		16.21
1196.49	1032.56	12.05	79191.27
425.97	13.00	12.07	1199.34
323.25	66.06	0.31	421.38
636.85	63.71	0.62	276.41
385.02	239.37	11.67	727.26
651.37	2191.33	0.10	73029.39
535.91	12.92	2.64	37.96
1135.66	12.07	3.58	694.11
810.12	3.37	2.12	4580.81
578.54	11.04	1.48	21.12
765.67	1.39	0.19	1269.43
179.42	209.38	0.87	16.08
1440.10	8.38	1.16	542.37
7402.53	58.82	71.82	3263.97
67.16	0.29		11.05
29.24	20.57		
8.57	0.95		0.87
3.05			1.05
917.99	5398.54		40647.12
14.56			0.03
27.79	90813.33		

15—5 市区规模以上工业企业能源购进、消费及库存量
Purchasing,Consumption and Storage of Energy in Industrial Enterprises above
Designed Size of Urban Districts

单位：吨		(2020年)		(ton)	
名 称 Name		购进量 Purchase	工业生产 消费量 Production Consumption	其中 of Which “原材料 raw and Processed Materials	年末 库存量 Storage (year-end)
原煤	Raw Coal	22805144	22875253	1455224	998660
焦炭	Coke	4522390	4508181		58918
高炉煤气	(万立方米) Blast-furnace Gas	(10000 Cu.m)	85209	1309099	
转炉煤气	(万立方米) Canrerter Gas	(10000 Cu.m)		94439	
天然气	(万立方米) Natural Gas	(10000 Cu.m)	348157	348129	0.07
液化天然气	Liquefied Natural Gas	(10000 Cu.m)	75355	75445	146
汽油	Gasoline	16011	16839	4	63
煤油	Kerosence	437	451		7
柴油	Diesel Oil	45727	46080	32	1461
燃料油	Fuel oil	22823	11218		349
液化石油气	Liquefied Petroleum Gas	1566	1620		13
润滑油	Lubricating Oil	2444	2391	1438	80
溶剂油	Solvent naphtha	777	778	599	4
其他石油制品	Other Petroleum Products	1181	1190		21
热力	(百万千焦) Thermopower	(million Kilo-joule)	54948743	93412230	
电力	(万千瓦时) Electricity	(10000 KWh)	3910884	4490312	
城市生活垃圾	(用于燃料) City Garbage (for Fuel)		1958134	2580437	24000
生物燃料	(吨标准煤) Waste Biomass for Fuel	(tons of SCE)	114351	91453	142
余热余压	(百万千焦) Residual neat and Pressure	(million Kilo-joule)		7527183	
其他燃料	(吨标准煤) Other Fuels	(tons of SCE)	399	399	
能源合计	(吨标准煤) Total Consumption Enenergy	(tons of SCE)		39962210	1276342

15-6 全社会用电情况

Consumption of Electricity

单位: 万千瓦时

(2020年)

(10000 kwh)

指 标 Items		全市 Total	其中 of which		
			市 区 Urban Districts	江阴市 Jiangyin City	宜兴市 Yixing City
全社会用电量合计	Total Electricity Consumed	7595312	3787802	2739922	1067588
农林牧渔业	Agriculture, Forestry, Animal Husbandry and Fishery	29986	6103	6859	17024
工业	Industry	5693854	2554856	2353769	785229
工业中:	By Industry				
采矿业	Mining and Quarrying	938	347	125	466
农副食品加工业	Agricultural and sideline food processing industry	21372	8338	6846	6188
食品制造业	Food Manufacturing Industry	21347	11831	5466	4050
酒、饮料及精制茶制造业	Manufacturing of Wine, Beverage and Refined Tea	6237	3752	70	2415
纺织业	Textile Industry	564313	112657	405181	46475
造纸及纸制品业	Papermaking and Paper Products	59994	40900	17813	1281
石油、煤炭及其他燃料加工业	Petroleum, Coal and Other Fuel Processing Industry	4446	1044	2741	661
化学原料及化学制品制造业	Manufacture of Raw Chemical Materials and Chemical Products	248306	73428	92005	82873
医药制造业	Pharmaceutical Manufacturing Industry	40249	24554	7777	7918
化学纤维制造业	Manufacture of Chemical Fibers	130099	15949	98138	16012
橡胶及塑料制品业	Rubber and Plastic Products	381066	133405	196840	50821
非金属矿物制品业	Manufacture of Non-metallic Mineral Products	239392	39914	39333	160145
黑色金属冶炼及压延加工业	Smelting and Pressing of Ferrous Metals	583241	67645	511277	4319
有色金属冶炼及压延加工业	Smelting and Pressing of Nonferrous Metals	90788	37619	44626	8543
金属制品业	Metal Products	667693	287079	292365	88249
通用设备制造业	General Equipment Manufacturing Industry	423439	277456	116729	29254
电气机械和器材制造业	Electrical machinery and equipment manufacturing industry	304472	139069	47864	117539
计算机、通信和其他电子设备制造业	Manufacturing of Computers, Communications and Other Electronic Equipment	954383	776636	149704	28043
其他制造业	Others	33036	16621	3372	13043
建筑业	Construction	33919	12429	11578	9912
交通运输、仓储和邮政业	Transportation, Storage and Telecommunications				
	Services	114634	80297	20963	13374
批发和零售业	Wholesale and retail industries	190600	114475	44608	31517
住宿和餐饮业	Accommodation and catering industries	65292	36241	14056	14995
其他事业	Others	698760	530858	105883	62019
城乡居民生活用电	Electricity Consumption by Urban and Rural Residents	768267	452543	182206	133518
#城镇居民生活用电	Electricity Consumption by Urban l Residents	296783	204426	42942	49415

15—7 全社会用电分月情况
Consumption of Electricity by Month

单位：万千瓦时 (2020年) (10000 kwh)

	月 份 Month	用电量 Electricity Consumed	其中 of Which		
			#工业 Industry	#城市居民 Urban Residents	#农村居民 Rural Residents
合计	Total	7595312	5693854	296783	471484
第一季度	First Quarter	1455091	1032588	88256	123658
1月	January	535819	383202	23891	32658
2月	February	338460	209271	30721	45293
3月	March	580812	440115	33644	45707
第二季度	Second Quarter	1856071	1450018	61143	91676
4月	April	584904	449411	24427	35057
5月	May	617834	494459	20706	29355
6月	June	653333	506148	16010	27264
第三季度	Third Quarter	2239848	1654673	80078	136252
7月	July	707579	547448	19482	31258
8月	August	843864	631746	23162	37480
9月	September	688405	475479	37434	67514
第四季度	Fourth Quarter	2044302	1556575	67306	119898
10月	October	633281	435864	32556	61886
11月	November	655956	520292	18039	30405
12月	December	755065	600419	16711	27607