

# GEORGIA

TABLE 1.—SUMMARY FOR THE STATE: 1899 TO 1929

[Data for the "Automobile repairing" industry are included in the figures for 1919 and 1924; the only years for which this industry was canvassed in connection with the census of manufactures. The figures for 1919 and prior years cover all establishments, in all industries, with products valued at \$500 or more, whereas the corresponding limit for 1921 and subsequent years was \$5,000. See GENERAL EXPLANATIONS—Establishments Covered—Size]

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year) <sup>1</sup>	HORSEPOWER (RATED CAPACITY) OF POWER EQUIPMENT			Wages	COST OF MATERIALS, CONTAINERS FOR PRODUCTS, FUEL, AND PURCHASED ELECTRIC ENERGY			Value of products <sup>2</sup>	Value added by manufacture <sup>3</sup>
			Total	Prime movers	Electric motors driven by purchased energy		Total <sup>4</sup>	Materials and containers	Fuel and purchased energy		
1929	4,179	158,774	641,899	253,523	388,370	\$110,435,015	\$427,805,088	\$412,632,095	\$15,172,393	\$722,453,803	\$204,648,715
1927	3,175	154,108	505,899	250,932	314,967	108,118,193	360,261,684	344,375,514	15,886,170	609,917,600	240,655,970
1925	2,870	141,173	523,334	272,028	251,306	99,210,003	390,351,258	( <sup>5</sup> )	( <sup>5</sup> )	648,852,294	240,501,036
1923	3,058	137,476	449,888	250,457	193,431	92,143,788	381,769,333	( <sup>5</sup> )	( <sup>5</sup> )	604,452,862	222,083,520
1921	2,809	98,204	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	69,915,971	243,939,104	( <sup>5</sup> )	( <sup>5</sup> )	381,206,500	137,357,402
1919	4,803	123,441	433,719	270,151	157,568	101,180,339	440,400,057	423,431,511	12,058,546	693,237,090	252,747,039
1914	4,030	104,461	357,130	280,072	70,468	38,128,407	160,088,009	154,558,903	5,520,706	253,270,511	93,181,902
1900	4,792	104,588	206,818	272,928	23,800	34,804,818	116,969,704	112,667,575	4,302,189	202,803,202	85,893,408
1904	3,219	92,749	210,121	212,657	0,464	27,302,442	83,624,504	80,752,937	2,871,567	151,040,455	67,415,051
1899	3,015	83,330	136,227	134,550	1,068	19,968,153	49,356,295	( <sup>5</sup> )	( <sup>5</sup> )	94,532,308	45,176,072
PER CENT OF INCREASE OR DECREASE (—)											
1927-1929	31.6	3.0	13.4	1.0	23.3	2.1	18.7	10.8	-4.5	18.5	18.0
1925-1927	10.4	0.2	8.1	-7.8	25.3	0.0	-9.8			-6.0	0.1
1923-1925	-0.0	2.7	10.3	6.1	20.9	7.7	4.6			7.3	12.0
1921-1923	8.9	39.9				31.8	56.5			58.5	62.1
1919-1921	-41.5	-20.4				-30.9	-44.6			-45.0	-45.7
1919-1929	-13.0	28.6	48.0	-8.2	146.5	9.1	-2.0	-3.7	25.8	4.2	10.6
1909-1919	0.2	18.0	40.1	1.2	559.6	190.7	276.6	280.3	180.3	241.7	194.3
1899-1909	58.9	25.5	117.9	2.8	1,332.3	74.4	137.0			114.6	90.1

<sup>1</sup> Not including salaried employees.  
<sup>2</sup> The aggregates for cost of materials, etc., and value of products include considerable amounts of duplication due to the use of the products of certain industries as materials in others. See GENERAL EXPLANATIONS—Duplication in Cost of Materials and Value of Products.  
<sup>3</sup> Value of products less cost of materials, containers for products, fuel, and purchased electric energy. This item does not represent manufacturers' profits. See GENERAL EXPLANATIONS—Profits and Production Costs.  
<sup>4</sup> Not reported separately.  
<sup>5</sup> Not called for on schedule.  
<sup>6</sup> No comparable data.

TABLE 2.—SUMMARY FOR COUNTIES AND CITIES: 1929

COUNTY OR CITY	Population, 1930	Number of establishments	Wage earners (average for the year) <sup>1</sup>	Horsepower <sup>2</sup>	Wages	COST OF MATERIALS, CONTAINERS FOR PRODUCTS, FUEL, AND PURCHASED ELECTRIC ENERGY			Value of products	Value added by manufacture
						Total	Materials and containers	Fuel and purchased energy		
The State, total	2,908,506	4,179	158,774	641,899	\$110,435,015	\$427,805,088	\$412,632,095	\$15,172,393	\$722,453,803	\$204,648,715
<i>Counties<sup>3</sup></i>										
Appling	13,314	49	786	531	319,655	274,552	271,707	2,845	870,941	605,389
Atkinson	6,894	23	547	380	212,520	147,304	144,944	2,360	547,450	400,155
Bacon	7,065	14	297	225	133,085	133,848	131,448	2,400	372,008	238,100
Baldwin	22,875	16	305	1,347	165,735	355,844	283,526	72,318	947,962	592,118
Barrow	12,401	20	681	1,221	289,081	1,416,542	1,374,490	42,046	2,150,641	734,000
Bartow	25,364	46	1,205	12,852	896,822	3,133,718	2,958,626	175,092	5,136,833	2,003,115
Ben Hill	13,047	13	633	2,527	504,565	825,010	708,904	116,106	1,500,073	735,063
Berrien	14,046	14	372	195	159,965	128,721	125,170	1,545	431,513	304,792
Bibb	77,042	114	7,408	39,519	6,193,008	23,686,117	22,530,204	1,049,913	37,735,344	14,149,227
Bleckley	9,133	8	161	568	83,761	258,097	249,325	8,772	429,896	171,789
Brantley	6,895	24	770	97	332,429	228,146	223,140	5,006	772,864	544,718
Brooks	21,350	22	537	1,884	297,657	645,417	612,136	33,281	1,325,748	680,331
Bryan	5,952	25	429	88	182,499	127,915	117,879	10,036	410,032	291,117
Bulloch	26,509	33	650	1,136	290,382	284,320	275,086	9,234	379,008	594,778
Burke	20,224	31	426	1,801	288,372	720,607	715,190	5,417	1,430,217	715,710
Calhoun	10,576	20	312	911	137,347	690,613	686,640	3,973	996,250	305,646
Camden	6,338	14	573	390	174,390	245,431	241,257	7,174	682,373	433,042
Candler	5,991	9	162	255	59,896	63,626	61,801	1,825	199,260	135,640
Carroll	34,272	40	1,524	5,018	788,970	3,615,184	3,495,488	119,716	5,450,340	1,835,156
Catoosa	9,421	5	30	163	19,575	12,657	12,657		39,649	26,062

See footnotes at end of table.

## CENSUS OF MANUFACTURES: 1929

TABLE 2.—SUMMARY FOR COUNTIES AND CITIES: 1929—Continued

COUNTY OR CITY	Population, 1930	Number of establishments	Wage earners (average for the year) 1	Horse-power 2	Wages	COST OF MATERIALS, CONTAINERS FOR PRODUCTS, FUEL, AND PURCHASED ELECTRIC ENERGY			Value of products	Value added by manufacture
						Total	Materials and containers	Fuel and purchased energy		
<i>Counties 3—Continued</i>										
Charlton.....	4,381	18	648	231	\$240,854	\$150,578	\$147,507	\$3,011	\$526,683	\$370,105
Chatham.....	105,431	140	5,757	30,321	4,893,999	37,238,776	30,280,068	958,708	51,454,433	14,215,657
Chattahoochee.....	8,894	5	19	160	8,637	32,488	32,488		60,314	27,826
Chattooga.....	15,407	12	1,968	8,642	1,163,007	4,810,468	4,579,719	230,749	7,271,744	2,461,276
Cherokee.....	20,063	46	1,361	5,801	958,947	3,402,651	3,280,151	122,500	6,000,424	2,603,773
Clarke.....	25,613	45	1,936	8,505	1,164,473	5,466,574	5,245,080	221,494	9,134,879	3,068,305
Clay.....	6,943	12	125	601	54,093	581,268	578,005	3,263	846,085	204,817
Clayton.....	10,260	3	22	60	15,524	38,687	38,361	326	75,280	36,593
Clinch.....	7,015	34	1,474	618	578,483	319,994	315,204	4,790	1,270,403	969,409
Cobb.....	35,408	36	2,003	5,495	1,369,125	2,760,520	2,603,460	157,069	6,050,397	3,205,898
Cofta.....	19,739	45	810	906	412,303	426,007	411,086	14,021	1,164,806	738,889
Colquitt.....	30,622	45	1,143	4,715	668,217	6,136,108	6,035,163	100,945	8,233,158	2,097,045
Columbia.....	8,793	13	359	1,497	216,523	228,420	190,733	37,687	513,844	285,424
Cook.....	11,311	14	245	286	102,743	74,230	69,924	4,306	247,176	172,946
Coweta.....	25,127	32	2,375	10,315	1,513,087	4,806,778	4,584,059	225,719	9,278,441	4,468,603
Crawford.....	7,020	20	170	752	69,092	78,776	78,776		212,132	133,350
Crisp.....	17,343	20	644	2,066	347,092	2,273,493	2,236,652	36,841	3,142,848	869,355
Dade.....	4,146	7	41	195	16,650	10,071	18,771	300	74,260	55,180
Dawson.....	3,502	7	26	132	14,480	9,300	9,300		38,600	20,300
Decatur.....	23,622	29	896	2,110	524,210	973,995	937,765	36,330	2,320,109	1,363,014
De Kalb.....	70,278	22	1,254	5,513	1,697,938	1,697,938	1,601,267	96,663	3,720,978	2,032,048
Dodge.....	21,599	10	865	1,082	382,580	742,369	607,011	45,358	1,476,552	734,183
Dooly.....	18,025	12	196	498	98,396	283,807	278,641	5,166	555,814	272,007
Dougherty.....	22,306	39	1,246	6,840	814,516	4,308,110	4,148,060	160,020	8,770,033	2,461,923
Douglas.....	9,461	13	305	1,621	174,626	463,004	443,665	10,409	845,969	382,955
Early.....	18,273	15	248	813	121,183	301,575	290,481	2,094	519,824	218,249
Echols.....	2,744	9	217	66	92,877	70,843	70,843		220,171	149,328
Effingham.....	10,164	26	699	789	315,933	181,143	174,262	6,881	605,014	514,471
Elbert.....	18,485	20	687	2,788	571,300	1,160,621	1,090,440	70,172	2,274,859	1,114,238
Emanuel.....	24,101	41	601	828	239,776	468,845	460,961	7,884	909,788	500,943
Evans.....	7,102	16	207	200	97,256	121,676	115,153	6,423	302,646	181,070
Fayette.....	8,665	7	31	258	16,347	40,885	40,610	325	75,938	35,103
Floyd.....	48,607	65	5,904	31,949	4,273,754	12,231,597	11,717,434	514,163	20,936,398	8,704,801
Forcyth.....	10,624	5	14	95	7,700	8,760	8,500	260	38,500	27,740
Franklin.....	15,902	8	187	958	139,248	725,107	700,048	25,059	1,022,835	207,728
Fulton.....	318,587	570	24,744	102,283	24,539,683	123,587,873	120,408,690	3,179,183	214,735,945	91,198,072
Gilmer.....	7,344	29	161	1,260	95,703	499,654	495,370	4,284	889,338	389,684
Glacock.....	4,383	7	48	215	30,800	35,550	35,550		90,200	54,650
Glynn.....	19,400	34	1,511	6,480	1,423,493	5,734,571	5,655,470	79,101	6,620,820	3,886,258
Gordon.....	16,840	33	623	2,739	432,185	1,136,150	1,047,544	88,606	2,048,820	912,670
Grady.....	19,200	22	331	388	163,320	273,192	265,557	7,635	593,717	320,625
Greene.....	12,616	14	802	2,140	404,039	1,092,463	1,020,919	65,544	1,938,004	845,631
Gwinnett.....	27,853	30	1,113	3,511	678,803	4,024,207	3,967,253	60,954	5,370,493	1,346,289
Hall.....	30,313	20	2,148	13,050	1,490,518	4,663,739	4,349,304	314,435	7,281,738	2,617,999
Hancock.....	13,070	33	333	1,357	145,244	370,224	357,474	12,750	680,119	309,895
Haralson.....	13,263	13	461	1,369	271,075	710,895	697,627	22,268	1,175,353	455,458
Harris.....	11,140	24	156	604	76,425	183,295	182,845	450	391,075	207,780
Heard.....	9,102	11	83	254	38,883	33,518	33,250	262	125,500	92,068
Henry.....	15,924	14	397	1,319	218,419	740,130	700,761	39,369	1,209,055	468,875
Houston.....	11,280	16	320	6,593	256,982	560,564	339,799	220,765	1,363,030	802,475
Irwin.....	12,199	12	274	821	106,711	206,210	282,945	13,265	547,316	251,100
Jackson.....	21,609	14	1,205	2,120	559,118	1,711,616	1,636,908	74,708	2,624,809	913,253
Jasper.....	8,594	10	199	1,020	77,019	256,926	249,275	7,651	433,669	176,743
Jeff Davis.....	8,118	29	487	434	149,009	140,009	140,009	8,367	503,898	354,889
Jefferson.....	20,727	57	404	1,886	185,342	432,595	422,028	10,567	955,336	522,741
Jenkins.....	12,008	21	400	1,415	217,201	464,004	448,439	15,565	937,943	473,030
Johnson.....	12,081	16	298	293	132,208	159,118	155,568	3,550	414,921	255,803
Lamar.....	9,745	19	748	2,486	482,070	2,136,181	2,037,859	78,322	3,114,664	978,483
Lanier.....	5,190	10	349	37	130,933	72,435	70,860	1,575	291,353	218,918
Laurens.....	32,693	34	765	2,655	345,437	1,112,838	1,079,308	33,530	1,909,516	856,078
Lee.....	8,328	4	53	295	23,340	83,548	83,548		144,244	60,606
Liberty.....	8,153	21	303	327	134,986	104,093	98,583	5,510	396,546	292,453
Lincoln.....	7,847	22	165	820	72,983	212,546	212,431	115	438,987	226,441
Long.....	4,180	12	153	2	63,948	57,045	54,551	2,494	187,143	130,098
Lowndes.....	29,994	45	1,351	4,370	665,297	2,238,561	2,139,912	98,649	3,995,467	1,756,096
Lumpkin.....	4,927	3	18	66	5,828	8,020	8,020		19,115	11,006
McDuffie.....	9,014	25	206	1,483	152,455	413,032	402,508	10,524	757,749	344,717
McIntosh.....	5,763	11	858	531	404,630	329,099	323,324	5,775	1,214,226	885,127
Macon.....	16,643	15	246	1,172	118,147	857,676	837,746	19,930	1,208,653	350,977
Madison.....	14,921	9	40	480	12,002	183,080	178,420	4,666	245,022	61,936
Miller.....	9,076	9	119	155	50,358	58,183	57,283	900	168,244	108,061
Milton.....	6,730	3	12	62	5,700	5,500	5,500		14,780	0,280
Mitchell.....	23,620	17	667	2,809	264,185	1,538,798	1,489,879	48,919	2,126,099	587,301
Monroe.....	11,608	33	655	3,374	330,220	2,423,092	2,361,274	62,718	3,322,834	898,842
Montgomery.....	10,020	14	421	438	252,085	136,134	131,513	6,621	476,085	338,551
Morgan.....	12,488	0	45	444	22,247	134,965	133,887	1,078	193,521	58,556
Murray.....	9,215	13	91	545	42,216	74,029	70,253	3,776	156,624	82,595
Muscogee.....	57,558	96	12,185	48,553	8,777,275	29,106,700	27,778,978	1,327,731	53,524,409	24,417,700
Oglethorpe.....	12,927	18	450	1,637	278,788	693,346	584,518	8,828	1,294,843	701,497
Paulding.....	12,327	14	293	705	138,765	344,904	327,544	17,360	623,822	278,018
Peach.....	10,268	19	234	2,859	134,571	382,936	367,004	15,932	812,048	426,112

See footnotes at end of table.

TABLE-2. SUMMARY FOR COUNTIES AND CITIES: 1929—Continued

COUNTY OR CITY	Population, 1930	Number of establishments	Wage earners (average for the year) <sup>1</sup>	Horse-power <sup>2</sup>	Wages	COST OF MATERIALS, CONTAINERS FOR PRODUCTS, FUEL, AND PURCHASED ELECTRIC ENERGY			Value of products	Value added by manufacture
						Total	Materials and containers	Fuel and purchased energy		
<i>Counties <sup>3</sup>—Continued</i>										
Pierce	12,522	27	626	723	\$264,974	\$506,008	\$588,879	\$7,129	\$1,296,728	\$700,720
Pike	10,853	11	73	303	27,549	210,756	207,763	2,993	350,791	140,035
Polk	25,141	20	2,282	18,076	1,016,870	5,852,623	5,397,038	455,585	0,135,071	3,283,048
Pulaski	9,005	8	111	386	53,101	151,831	142,882	9,949	276,164	124,233
Putnam	8,307	20	353	1,528	228,614	758,721	721,223	37,498	1,338,720	579,999
Quitman	3,820	10	224	834	88,615	187,854	187,854	—	453,614	265,700
Randolph	17,174	18	192	797	104,441	277,066	276,250	807	513,137	236,071
Richmond	72,090	99	5,093	34,576	4,402,753	17,594,421	16,753,074	841,347	27,791,323	10,190,902
Schley	5,347	5	49	144	21,783	223,580	221,580	2,000	321,033	97,447
Screven	20,503	44	428	1,244	231,140	310,274	305,897	4,407	805,654	495,380
Seminole	3,389	7	223	434	80,404	682,511	670,625	2,886	842,390	159,888
Spalding	23,495	34	3,538	12,700	2,288,200	6,070,990	6,656,085	329,904	12,849,941	5,369,951
Stephens	11,740	12	595	1,188	311,377	1,028,066	990,993	28,103	1,703,239	676,173
Stewart	11,114	13	320	1,048	231,320	498,004	497,550	454	1,063,700	570,702
Sumter	20,800	28	471	3,630	355,373	1,201,675	1,252,967	38,008	2,087,097	795,522
Talbot	8,458	21	290	1,278	157,553	809,931	208,540	2,391	663,851	362,920
Taliaferro	0,172	11	117	268	49,762	71,475	70,150	1,325	517,215	125,740
Tattnall	15,411	34	622	344	171,030	195,563	172,202	23,271	473,711	278,148
Telfair	14,937	30	755	1,230	308,408	360,996	341,740	19,247	1,008,915	648,919
Terrill	18,290	22	280	1,621	116,465	1,210,452	1,192,720	20,732	1,611,609	392,147
Thomas	32,612	41	999	2,841	618,008	1,144,397	1,096,125	48,272	2,494,382	1,340,985
Tift	10,098	23	631	1,317	292,980	1,105,841	1,071,290	34,551	1,805,086	694,245
Toombs	17,165	29	434	927	209,638	471,260	455,189	16,071	987,872	486,612
Trautten	7,488	7	265	78	85,355	164,928	162,478	1,550	349,285	185,265
Troup	36,752	58	5,760	22,354	3,284,542	10,408,893	15,768,700	650,193	26,132,063	9,723,770
Turner	11,106	12	300	786	153,268	302,430	286,408	15,962	630,223	336,703
Twiggs	8,372	10	123	573	71,041	152,472	152,472	—	424,018	272,449
Union	0,340	31	65	415	38,414	179,126	179,126	—	294,800	115,674
Upson	10,509	34	3,855	21,132	2,028,008	7,563,895	7,170,328	393,567	11,091,931	4,128,036
Walker	26,206	32	3,482	9,153	2,715,433	10,441,810	10,109,389	332,427	10,500,898	6,008,682
Walton	21,118	22	939	4,145	554,900	2,515,722	2,403,331	112,391	4,048,240	1,532,618
Ware	20,558	72	2,073	9,833	2,304,966	4,023,834	4,483,479	140,355	7,840,040	3,222,216
Warren	11,181	13	90	363	40,133	307,030	306,035	995	427,731	120,701
Washington	25,030	43	934	2,892	485,427	700,561	692,041	8,520	1,620,284	919,673
Wayne	12,647	35	947	1,212	437,003	418,880	413,354	5,526	1,224,871	805,985
Webster	5,032	5	100	215	55,040	30,140	30,140	—	100,000	72,860
Wheeler	9,149	5	186	20	80,840	67,750	50,056	7,700	188,441	130,085
Whitfield	20,908	52	2,060	7,555	1,685,630	6,493,172	6,263,171	240,001	10,390,385	3,903,213
Wilcox	13,439	15	389	227	157,449	133,557	129,236	7,321	399,167	266,610
Wilkes	15,944	25	316	1,551	181,042	486,550	477,826	8,724	873,440	380,890
Wilkinson	10,844	14	304	761	167,768	112,243	100,520	2,723	413,925	301,682
Worth	21,094	17	482	591	219,585	420,858	414,045	15,808	856,173	425,320
Other counties <sup>4</sup>	185,713	186	6,692	32,720	4,424,364	15,499,682	14,092,775	636,907	26,517,100	11,017,478
<i>Cities having 10,000 inhabitants or more <sup>5</sup></i>										
Albany	14,507	28	720	2,804	496,540	2,208,133	2,137,963	70,180	3,630,541	1,431,408
Athens	18,192	37	1,582	6,402	997,043	4,512,968	4,313,813	199,155	7,613,063	3,100,695
Atlanta <sup>6</sup>	270,366	509	18,509	63,105	18,210,591	72,165,329	70,105,305	2,059,934	136,500,761	64,344,432
Augusta	90,342	84	5,218	31,740	4,166,635	16,763,811	16,170,242	593,569	28,300,117	9,546,306
Columbus	43,131	79	9,852	34,198	6,955,161	20,854,973	19,957,989	896,984	30,664,527	18,309,554
Decatur	13,276	8	55	297	76,996	118,301	109,276	9,025	363,363	185,062
Griffin	10,321	26	2,728	9,387	1,772,913	6,041,159	5,789,094	252,065	11,043,066	5,001,907
Lagrange	20,131	32	4,705	15,857	2,670,185	13,364,495	12,884,294	480,201	21,104,084	7,739,589
Macon	53,829	89	6,126	30,573	5,123,690	18,121,305	17,290,381	821,924	20,612,150	11,490,845
Savannah <sup>8</sup>	85,024	102	3,172	12,333	2,949,662	7,117,436	6,694,151	423,285	14,725,236	7,607,800
Thomasville	11,733	25	684	2,090	463,840	835,426	823,760	41,660	1,940,001	1,080,575
Valdosta	13,482	27	587	2,955	358,846	1,763,403	1,686,199	77,204	2,937,884	1,174,481

<sup>1</sup> Not including salaried employees.

<sup>2</sup> Rated capacity of prime movers plus rated capacity of electric motors driven by purchased energy.

<sup>3</sup> Statistics are presented for each county in which 10 wage earners or more were employed and for which it is possible to publish separate figures without disclosing approximations of the data supplied by individual establishments, and combined figures are given for the remaining counties as a single group ("Other counties"). Certain of the counties for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately.

<sup>4</sup> Campbell and Milton Counties combined with Fulton County Jan. 1, 1932. Campbell is one of the "Other counties." The figures for Fulton County refer to that county as constituted Dec. 31, 1929.

<sup>5</sup> For statistics by industries for this county, see Table 13.

<sup>6</sup> Baker, Butts, Campbell, Fannin, Habersham, Hart, Jones, Marion, Meriwether, Newton, Oconee, Pickens, Rookdale, Taylor, Towns, and White Counties. (See footnote 3.) No manufacturing reported from Banks and Rabun Counties.

<sup>7</sup> Not including Brunswick, Rome, and Waycross, each of which reported more than 10,000 inhabitants at the census of 1930. It is necessary to withhold the figures for these cities from separate publication to avoid disclosing approximations of the data for individual establishments located either in the cities or outside the cities but within the counties in which the cities are situated.

<sup>8</sup> Because of the amount of manufacturing industry in Atlanta and Savannah, it had been planned to publish statistics by industries for them. It is found, however, that no figures can be given for the most important industries in these cities without disclosing, exactly or approximately, the data reported by individual establishments, and in each city those industries for which it would be possible to publish separate figures without disclosing data for individual establishments reported less than 50 per cent of the total number of wage earners employed in all industries. Under these conditions the publication of statistics for those industries for which separate figures could be given would be misleading, and therefore no such statistics are included in this report. The most important industries in Atlanta were "Cotton goods," as measured by number of wage earners, and "Motor vehicles, not including motorcycles," as measured by value of products; those in Savannah were "Car and general construction and repairs, steam-railroad repair shops," as measured by number of wage earners, and "Bags, other than paper," as measured by value of products.

## CENSUS OF MANUFACTURES: 1929

TABLE 3.—PERSONS ENGAGED IN MANUFACTURING INDUSTRIES, BY SEX: 1929, 1919, 1914, AND 1909

CENSUS YEAR	ALL CLASSES			PROPRIETORS AND FIRM MEMBERS			PRINCIPAL SALARIED OFFICERS OF CORPORATIONS			OTHER SALARIED OFFICERS AND EMPLOYEES			WAGE EARNERS (AVERAGE FOR THE YEAR)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1929 <sup>1</sup>	175,081	195,335	39,746	3,347	3,303	44	2,003	2,013	280	2,097	2,751	2,216	158,774	121,368	37,406
1919 <sup>1,2</sup>	141,012	114,801	26,211	4,776	4,654	122	1,943	1,901	42	10,852	8,964	1,888	123,441	99,282	24,159
1914 <sup>3</sup>	118,565	101,199	17,366	4,443	4,327	116	1,604	1,481	23	8,167	7,869	798	104,461	88,032	16,429
1909 <sup>4</sup>	118,036	100,245	17,791	5,141	5,026	115	1,385	1,372	13	6,922	6,210	712	104,588	87,637	16,951

<sup>1</sup> No data in regard to sex of persons engaged in manufacturing industries were collected for any year between 1919 and 1929.

<sup>2</sup> Not including employees of central administrative offices, as follows: Principal salaried officers of corporations—total, 230; male, 228; female, 2. Other salaried officers and employees—total, 2,285; male, 1,637; female, 648. The corresponding data for 1919 and earlier years are included in the respective items for those years but were not tabulated separately. See GENERAL EXPLANATIONS—Persons Engaged.

<sup>3</sup> Computed by the use of ratios between numbers of male and of female wage earners reported for December 14. See GENERAL EXPLANATIONS—Persons Engaged.

<sup>4</sup> Data for the "Automobile repairing" industry are included in the statistics for 1919 and 1914, the only years for which this industry was canvassed in connection with the census of manufactures.

TABLE 4.—WAGE EARNERS, BY MONTHS: 1929, 1919, 1914, AND 1909

[Statistics for wage earners by months for individual industries, by States, are given in the industry reports as published separately and in Volume II. The month of maximum employment is indicated by bold-faced figures and that of minimum employment by *italic* figures]

CENSUS YEAR	Average number employed during year	NUMBER EMPLOYED ON 16TH DAY OF MONTH OR NEAREST REPRESENTATIVE DAY												Per cent minimum is of maximum
		January	February	March	April	May	June	July	August	September	October	November	December	
1929 <sup>1</sup>	158,774	157,822	150,728	162,585	161,519	156,882	157,022	157,138	158,753	159,602	160,022	158,132	155,393	95.0
1919 <sup>1</sup>	123,441	125,289	121,702	123,458	121,289	116,543	116,940	120,406	120,221	125,305	127,806	129,266	133,022	87.6
1914 <sup>1</sup>	104,461	100,508	113,257	115,286	109,489	103,590	101,939	101,703	100,898	100,934	100,423	98,749	97,751	84.8
1909 <sup>1</sup>	104,588	103,477	107,544	108,271	102,881	98,622	99,445	99,518	102,577	106,033	107,837	109,012	108,839	89.8

<sup>1</sup> The figures for 1919 and 1914 include data for the "Automobile repairing" industry, which was not canvassed in either the 1929 or the 1909 census of manufactures.

TABLE 5.—ESTABLISHMENTS CLASSIFIED ACCORDING TO PREVAILING HOURS OF LABOR PER WEEK FOR WAGE EARNERS: 1929

[The data for each establishment are classified as a total according to the customary hours of labor in that establishment, even though a few employees may have worked a larger or a smaller number of hours]

PREVAILING HOURS OF LABOR PER WEEK	Number of establishments	Wage earners (average for the year)	PREVAILING HOURS OF LABOR PER WEEK	Number of establishments	Wage earners (average for the year)
All classes.....	4,170	158,774	45 and over but under 48.....	100	4,286
Not reported.....	1,216	7,532	48.....	393	14,839
Under 40.....	120	2,204	Over 48 but under 54.....	383	19,138
40.....	216	7,654	54.....	136	3,585
Over 40 but under 44.....	13	222	Over 54 but under 60.....	604	52,714
44 and over but under 45.....	230	3,892	60 and over.....	768	42,708

TABLE 6.—ESTABLISHMENTS CLASSIFIED AS TO SIZE BY NUMBER OF WAGE EARNERS: 1929, 1919, AND 1909

[The figures for 1919 include data for the "Automobile repairing" industry, which was not canvassed in either the 1929 or the 1909 census of manufactures; and those for 1919 and 1909 include data for all establishments, in all industries, with products valued at \$500 or more, whereas the corresponding limit for 1929 was \$5,000. See GENERAL EXPLANATIONS—Establishments Covered—Size]

CLASS	NUMBER OF ESTABLISHMENTS			WAGE EARNERS (AVERAGE FOR THE YEAR)			CLASS	NUMBER OF ESTABLISHMENTS			WAGE EARNERS (AVERAGE FOR THE YEAR)		
	1929	1919	1909	1929	1919	1909		1929	1919	1909	1929	1919	1909
All establishments.....	4,170	4,803	4,792	158,774	123,441	104,588	51 to 100.....	269	218	210	18,948	15,713	15,331
No wage earners.....	62	354	231				101 to 250.....	181	185	133	28,537	26,104	20,223
1 to 5.....	1,976	2,388	2,163	9,876	5,203	5,543	251 to 500.....	34	62	42	27,896	21,974	14,225
6 to 20.....	920	1,144	1,426	10,760	12,917	16,021	501 to 1,000.....	31	18	15	21,752	11,924	10,501
21 to 50.....	641	445	569	20,792	14,643	18,099	1,001 to 2,500.....	15		3	20,303		
							2,501 and over.....		11			14,963	4,045

TABLE 7.—ESTABLISHMENTS CLASSIFIED AS TO SIZE BY VALUE OF PRODUCTS: 1929, 1919, AND 1909

[The figures for 1919 include data for the "Automobile repairing" industry, which was not canvassed in either the 1929 or the 1909 census of manufactures]

VALUE OF PRODUCTS	NUMBER OF ESTABLISHMENTS			WAGE EARNERS (AVERAGE FOR THE YEAR)			VALUE OF PRODUCTS			VALUE ADDED BY MANUFACTURE <sup>1</sup>		
	1929	1919	1909	1929	1919	1909	1929	1919	1909	1929	1919	1909
All establishments.....	4,170	4,803	4,792	158,774	123,441	104,588	\$722,453,803	\$693,237,096	\$202,803,232	\$294,648,715	\$252,747,039	\$85,803,498
Less than \$5,000.....	( <sup>2</sup> )	1,394	1,918	( <sup>2</sup> )	1,402	5,303	( <sup>2</sup> )	3,305,058	4,356,414	( <sup>2</sup> )	2,170,588	3,100,327
\$5,000 to \$19,999.....	1,004	1,400	1,624	12,610	6,813	17,719	10,849,744	16,033,483	16,813,596	12,673,800	9,946,772	11,683,013
\$20,000 to \$99,999.....	1,274	1,055	799	24,809	15,586	20,431	50,236,414	45,941,137	34,954,524	32,817,309	24,940,047	17,613,878
\$20,000 to \$49,999.....	855	( <sup>3</sup> )	( <sup>3</sup> )	15,150	( <sup>3</sup> )	( <sup>3</sup> )	27,191,305	( <sup>3</sup> )	( <sup>3</sup> )	17,046,334	( <sup>3</sup> )	( <sup>3</sup> )
\$50,000 to \$99,999.....	419	( <sup>3</sup> )	( <sup>3</sup> )	9,659	( <sup>3</sup> )	( <sup>3</sup> )	29,045,019	( <sup>3</sup> )	( <sup>3</sup> )	15,770,975	( <sup>3</sup> )	( <sup>3</sup> )
\$100,000 to \$499,999.....	630	538	( <sup>3</sup> )	35,520	26,795	( <sup>3</sup> )	144,444,627	124,493,714	( <sup>3</sup> )	65,549,827	51,593,956	( <sup>3</sup> )
\$100,000 to \$249,999.....	404	( <sup>3</sup> )	433	17,586	( <sup>3</sup> )	50,207	64,127,204	( <sup>3</sup> )	112,684,073	30,614,429	( <sup>3</sup> )	43,530,772
\$250,000 to \$499,999.....	226	( <sup>3</sup> )	( <sup>3</sup> )	17,934	( <sup>3</sup> )	( <sup>3</sup> )	80,817,363	( <sup>3</sup> )	( <sup>3</sup> )	34,935,398	( <sup>3</sup> )	( <sup>3</sup> )
\$500,000 to \$999,999.....	162	170	( <sup>3</sup> )	23,425	20,311	( <sup>3</sup> )	108,455,861	119,925,987	( <sup>3</sup> )	43,306,423	42,142,492	( <sup>3</sup> )
\$1,000,000 and over.....	129	147	18	62,401	52,444	10,928	395,467,157	383,447,717	34,054,085	140,301,266	121,054,184	10,055,908
\$1,000,000 to \$2,499,999.....	81	( <sup>3</sup> )	( <sup>3</sup> )	23,006	( <sup>3</sup> )	( <sup>3</sup> )	120,698,718	( <sup>3</sup> )	( <sup>3</sup> )	50,638,376	( <sup>3</sup> )	( <sup>3</sup> )
\$2,500,000 to \$4,999,999.....	33	( <sup>3</sup> )	( <sup>3</sup> )	27,599	( <sup>3</sup> )	( <sup>3</sup> )	117,280,186	( <sup>3</sup> )	( <sup>3</sup> )	45,369,658	( <sup>3</sup> )	( <sup>3</sup> )
\$5,000,000 and over.....	15	( <sup>3</sup> )	( <sup>3</sup> )	10,896	( <sup>3</sup> )	( <sup>3</sup> )	161,488,253	( <sup>3</sup> )	( <sup>3</sup> )	44,363,232	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Value of products less cost of materials, containers for products, fuel, and purchased electric energy. This item does not represent manufacturers' profits. See GENERAL EXPLANATIONS—Profits and Production Costs.

<sup>2</sup> No data.

<sup>3</sup> Not tabulated separately.

TABLE 8.—ESTABLISHMENTS CLASSIFIED AS UNDER CORPORATE OR OTHER FORM OF OWNERSHIP (OR CONTROL) AND AS UNDER CENTRAL-ADMINISTRATIVE-OFFICE OR INDEPENDENT OPERATION: 1929 AND 1919

[The figures for 1919 include data for the "Automobile repairing" industry, which was not canvassed in the 1929 census of manufactures; and they cover all establishments, in all industries, with products valued at \$500 or more, whereas the corresponding limit for 1929 was \$5,000. See GENERAL EXPLANATIONS—Establishments Covered—Size]

TYPE OF OWNERSHIP OR CONTROL, AND OF OPERATION	NUMBER OF ESTABLISHMENTS		WAGE EARNERS (AVERAGE FOR THE YEAR)		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE	
	1929	1919	1929	1919	1929	1919	1929	1919
Total.....	4,170	4,803	158,774	123,441	\$722,453,803	\$693,237,096	\$204,048,715	\$252,747,039
TYPE OF OWNERSHIP OR CONTROL								
Corporate ownership or control.....	1,454	1,370	121,711	100,608	645,273,084	622,245,546	252,958,402	217,151,329
Other forms of ownership or control (individual, partnership, etc.).....	2,725	3,427	37,063	22,743	77,170,810	70,991,550	41,090,313	35,595,710
TYPE OF OPERATION								
Central-administrative-office (plural-unit).....	512	( <sup>1</sup> )	60,124	( <sup>1</sup> )	355,495,417	( <sup>1</sup> )	130,440,346	( <sup>1</sup> )
Independent (single-unit).....	3,657	( <sup>1</sup> )	98,650	( <sup>1</sup> )	366,958,386	( <sup>1</sup> )	164,208,369	( <sup>1</sup> )

<sup>1</sup> Not tabulated.

TABLE 9.—PRIME MOVERS AND ELECTRIC MOTORS, BY NUMBER AND RATED CAPACITY, FOR THE STATE, 1929, 1927, 1925, 1919, AND 1914, AND FOR IMPORTANT COUNTIES, 1929

	PRIME MOVERS AND ELECTRIC MOTORS DRIVEN BY PURCHASED ENERGY										ELECTRIC MOTORS DRIVEN BY ENERGY GENERATED IN ESTABLISHMENTS REPORTING			
	Aggregate horsepower	Total horsepower of prime movers	Prime movers										Electric motors driven by purchased energy	
			Steam engines		Steam turbines		Internal-combustion engines		Water wheels and water turbines				Number	Horsepower
The State:			Number	Horsepower	Number	Horsepower	Number	Horsepower	Number	Horsepower	Number	Horsepower	Number	Horsepower
1929.....	641,899	263,523	2,267	158,760	95	53,078	470	10,273	93	30,506	40,521	388,376	3,398	50,727
1927.....	565,890	250,932	1,968	160,678	75	52,691	452	9,421	90	20,142	30,645	314,907	3,711	64,284
1925.....	523,334	272,028	1,900	182,961	75	55,593	509	6,121	89	27,363	22,150	251,306	3,016	62,686
1919 <sup>1</sup> .....	433,719	276,151	2,877	222,296	154	21,346	607	5,603	125	26,906	9,951	167,568	2,008	36,695
1914 <sup>1</sup> .....	357,130	280,672	3,439	245,811	( <sup>2</sup> )	( <sup>2</sup> )	695	7,032	795	27,829	4,315	76,458	1,110	26,682
Counties in which aggregate horsepower exceeded 25,000: 1929														
Bibb.....	30,519	11,378	51	8,240	5	3,026	4	112	-----	-----	1,774	28,141	286	3,486
Chatham.....	30,321	9,084	46	5,967	8	3,062	2	55	-----	-----	1,419	21,237	325	3,038
Floyd.....	31,949	14,310	11	870	9	13,305	5	135	-----	-----	2,047	17,639	483	3,900
Fulton.....	102,283	27,898	104	14,730	21	13,107	6	50	-----	-----	7,358	74,387	366	6,881
Muscogee.....	48,563	10,640	23	2,050	-----	-----	4	135	20	8,455	5,468	37,013	233	4,174
Richmond.....	34,575	12,831	24	3,363	2	38	9	161	16	9,269	949	21,744	27	543

<sup>1</sup> Data for the "Automobile repairing" industry are included in the statistics for 1919 and 1914, the only years for which this industry was canvassed in connection with the census of manufactures.

<sup>2</sup> Reported as "Steam engines and turbines."

<sup>3</sup> Not reported separately. See footnote 2.

CENSUS OF MANUFACTURES: 1929

TABLE 10.—HORSEPOWER OF PRIME MOVERS AND OF ELECTRIC MOTORS, BY COUNTIES: 1929

[This table presents statistics for each county for which separate figures are given in Table 2. See footnote 3 on that table.]

COUNTY	PRIME MOVERS AND ELECTRIC MOTORS DRIVEN BY PURCHASED ENERGY			Electric motors—plant energy <sup>1</sup>	COUNTY	PRIME MOVERS AND ELECTRIC MOTORS DRIVEN BY PURCHASED ENERGY			Electric motors—plant energy <sup>1</sup>
	Aggregate	Prime movers	Electric motors			Aggregate	Prime movers	Electric motors	
The State.....	641,899	253,523	388,376	50,727	Irwin.....	821	663	158	12
Appling.....	531	439	92		Jackson.....	2,120	932	1,188	
Atkinson.....	380	380			Jasper.....	1,020	650	370	
Bacon.....	225	197	28		Jeff Davis.....	434	362	72	
Baldwin.....	1,347	830	517		Jefferson.....	1,866	1,705	91	
Barrow.....	1,221	114	1,107		Jenkins.....	1,415	1,361	54	
Bartow.....	12,852	4,119	8,733	180	Johnson.....	293	248	45	
Ben Hill.....	2,527	2,377	150	840	Lamar.....	2,486	525	1,961	
Berrien.....	195	187	8		Lanier.....	37	37		
Bibb.....	39,519	11,378	28,141	3,486	Laurens.....	2,655	2,111	544	20
Bleckley.....	558	429	120		Lee.....	295	255	40	
Brantley.....	97	97			Liberty.....	327	327		
Brooks.....	1,884	1,585	299	34	Lincoln.....	820	805	15	
Bryan.....	88	88			Lowndes.....	4,370	2,711	1,659	(?)
Bulloch.....	1,136	979	157		Lumpkin.....	65	65		
Burke.....	1,801	1,468	333	180	McDuffie.....	1,483	1,425	58	
Calhoun.....	911	762	140	50	McIntosh.....	531	525	6	
Camden.....	390	390			Macon.....	1,172	1,015	157	
Candler.....	255	250	5		Madison.....	490	285	255	
Carroll.....	5,018	2,680	2,338		Miller.....	155	155		
Catoosa.....	163	128	35		Milton.....	62	62		
Charlton.....	231	231		(?)	Mitchell.....	2,800	1,915	894	30
Chatham.....	30,321	9,084	21,237	3,038	Monroe.....	3,374	1,568	1,808	292
Chattahoochee.....	160	160			Montgomery.....	438	438		
Chattooga.....	8,642	3,600	5,042		Morgan.....	444	435	9	
Cherokee.....	5,861	1,583	4,278	16	Murray.....	545	401	144	
Clarke.....	8,595	1,928	6,667	915	Muscogee.....	48,553	10,640	37,913	4,174
Clay.....	601	577	24	35	Oglethorpe.....	1,637	1,637		425
Clayton.....	60	57	3		Paulding.....	705	300	405	
Clinch.....	918	876	42		Peach.....	2,359	2,193	166	120
Cobb.....	5,495	2,089	3,406	1,305	Pierce.....	723	360	363	
Coffee.....	906	845	61		Pike.....	303	274	29	
Colquitt.....	4,715	3,057	1,658	165	Polk.....	18,676	3,295	15,381	2,750
Columbia.....	1,497	1,497			Pulaski.....	386	329	57	
Cook.....	286	250	27		Putnam.....	1,528	541	987	
Coweta.....	10,315	3,732	6,583		Quitman.....	834	834		
Crawford.....	752	752			Randolph.....	797	749	48	
Crisp.....	2,606	2,104	502		Richmond.....	34,575	12,831	21,744	543
Dade.....	195	195			Schley.....	144	108	36	
Dawson.....	132	132			Screven.....	1,244	1,219	25	
De Kalb.....	5,513	1,085	4,427	(?)	Seminole.....	434	428	6	
Dodge.....	1,082	182	900		Spalding.....	12,760	3,467	9,293	550
Dooly.....	498	430	68		Stephens.....	1,188	888	320	300
Dougherty.....	6,840	2,021	4,819	40	Stewart.....	1,048	1,036	13	
Douglas.....	1,621	1,585	85	168	Sumter.....	3,630	2,708	922	25
Early.....	818	711	107		Talbot.....	1,278	1,142	130	
Echols.....	66	66			Taliaferro.....	258	258	(?)	
Effingham.....	789	789			Tattall.....	344	277	67	
Elbert.....	2,788	652	2,136		Telfair.....	1,230	924	306	
Emanuel.....	826	758	68		Terrell.....	1,621	1,591	30	15
Evans.....	290	282	8		Thomas.....	2,841	1,674	1,167	
Fayette.....	258	232	26		Tift.....	1,317	753	564	
Floyd.....	31,949	14,310	17,639	3,000	Toombs.....	927	645	282	
Forsyth.....	95	95			Trautman.....	78	78	(?)	
Franklin.....	958	384	574		Troup.....	22,354	2,621	19,733	
Fulton.....	102,283	27,896	74,387	6,881	Turner.....	786	748	38	
Gilmer.....	1,290	1,162	98	50	Twiggs.....	573	573		
Glascock.....	215	215			Union.....	415	415		
Glynn.....	6,430	5,752	723	5,519	Upson.....	21,132	1,245	19,887	
Gordon.....	2,739	1,984	755		Walker.....	9,163	6,833	3,320	3,811
Grady.....	388	360	28		Walton.....	4,145	605	3,540	
Greene.....	2,140	740	1,400		Ware.....	9,833	4,368	5,465	
Gwinnett.....	3,511	459	3,052		Warren.....	363	360	3	
Hall.....	13,050	4,650	8,400		Washington.....	2,862	2,800	62	402
Hancock.....	1,357	1,200	157		Wayne.....	1,212	1,186	26	
Haralson.....	1,369	1,355	14		Webster.....	215	215		
Harris.....	604	584	20		Wheeler.....	26	26		
Heard.....	254	254			Whitfield.....	7,556	1,550	6,005	750
Henry.....	1,319	172	1,147		Wilcox.....	227	227		
Houston.....	6,593	6,564	29	6,155	Wilkes.....	1,551	1,494	57	
					Wilkinson.....	761	761		
					Worth.....	591	280	361	
					Other counties.....	32,731	15,674	17,057	3,024

<sup>1</sup> Horsepower of electric motors driven by energy generated in establishments reporting.  
<sup>2</sup> Included in total for State but not shown separately, to avoid disclosing data for a single establishment.  
<sup>3</sup> Campbell and Milton Counties combined with Fulton County Jan. 1, 1932. Campbell is one of the "Other counties." The figures for Fulton County refer to that county as constituted Dec. 31, 1929.  
<sup>4</sup> The item for electric motors is included in that for prime movers, to avoid disclosing data for a single establishment.  
<sup>5</sup> Baker, Butts, Campbell, Fannin, Habersham, Hart, Jones, Long, Marion, Meriwether, Newton, Oconee, Pickens, Rockdale, Taylor, Towns, and White Counties.  
 No manufacturing reported from Banks and Rabun Counties.

TABLE 11.—FUEL AND ELECTRIC ENERGY CONSUMED, BY QUANTITY AND COST: 1929, 1927, 1923, 1919, 1914, AND 1909

[The figures given in this table cover the consumption of fuel and purchased electric energy for all purposes—power, heat, light, etc. For county figures, see Chapter VII, Volume I, Reports of the Census of Manufactures, 1929]

KIND	1929		1927 <sup>1</sup>	1923 <sup>1</sup>	1919 <sup>1</sup>	1914 <sup>1</sup>	1909 <sup>1</sup>
	Quantity	Cost	Quantity	Quantity	Quantity	Quantity	Quantity
Fuel:							
Coal, total <sup>2</sup> (tons, 2,000 lbs.).....	1, 180, 049	\$4, 812, 968	1, 277, 840	1, 536, 450	1, 456, 226	1, 423, 083	1, 316, 408
Anthracite (tons, 2,240 lbs.).....	24, 228	152, 626	( <sup>3</sup> )	34, 174	3, 368	3, 433	10, 762
Bituminous (tons, 2,000 lbs.).....	1, 155, 821	4, 660, 342	( <sup>3</sup> )	1, 402, 276	1, 452, 858	1, 419, 650	1, 304, 646
Coke (tons, 2,000 lbs.).....	34, 042	246, 474	( <sup>3</sup> )	( <sup>3</sup> )	45, 215	30, 315	34, 628
Fuel oils, including crude oils and gas oils (gallons) <sup>4</sup> .....	32, 167, 801	1, 230, 304	( <sup>3</sup> )	( <sup>3</sup> )	8, 488, 620	3, 470, 796	2, 250, 824
Gasoline and kerosene (gallons) <sup>5</sup> .....	835, 897	157, 148	( <sup>3</sup> )	( <sup>3</sup> )	2, 228, 088		
Gas, natural (M. cu. ft.).....			( <sup>3</sup> )	( <sup>3</sup> )			
Gas, manufactured (M. cu. ft.).....	521, 026	229, 734	( <sup>3</sup> )	( <sup>3</sup> )	81, 168	35, 150	40, 568
Other fuels.....		292, 290	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Electric energy purchased (kilowatt-hours).....	640, 917, 748	8, 441, 119	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Total cost of fuel and purchased energy.....		7 15, 413, 037	Cost \$15, 880, 170	Cost ( <sup>3</sup> )	Cost \$12, 058, 546	Cost \$5, 529, 700	Cost \$4, 302, 189

<sup>1</sup> No data on cost of fuel, by kinds, were collected for years prior to 1929.  
<sup>2</sup> Calculated by adding the number of tons of bituminous coal and the number of tons of anthracite reduced to a 2,000-pound basis.  
<sup>3</sup> Not tabulated separately.  
<sup>4</sup> No data.  
<sup>5</sup> For years prior to 1929, reported in barrels; converted on basis of 42 gallons per barrel.  
<sup>6</sup> Data incomplete.  
<sup>7</sup> The difference between this total and the corresponding one given in Tables 1, 2, and 12 is due to the inclusion here of the cost of fuel produced and consumed in the same establishments.  
<sup>8</sup> Not reported separately.

TABLE 12.—GENERAL STATISTICS FOR THE STATE, BY INDUSTRIES: 1929

[This table presents separate figures for each industry for which it is possible to publish such figures without disclosing, exactly or approximately, the data supplied by individual establishments, and gives combined statistics for the remaining industries as a group ("Other industries"). Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than some of those shown separately]

INDUSTRY	Number of establishments	Sal- aried officers and em- ployees	Wage earners (aver- age for the year)	HORSEPOWER (RATED CAPAC- ITY) OF POWER EQUIPMENT		Salaries	Wages	Cost of materials and con- tainers for products <sup>1</sup>	Cost of fuel and purchased electric energy	Value of products <sup>1</sup>	Value added by manufac- ture <sup>2</sup>
				Prime movers	Elec- tric motors driven by pur- chased energy						
All industries, total.....	4, 179	12, 960	158, 774	253, 523	388, 370	\$30, 238, 500	\$110, 435, 015	\$412, 632, 095	\$15, 172, 393	\$722, 453, 893	\$294, 048, 715
Agricultural implements.....	7	62	515	80	1, 019	109, 089	310, 064	554, 883	38, 940	1, 834, 283	1, 240, 451
Awnings, tents, sails, and canvas covers.....	0	29	84	250	113	59, 955	60, 633	324, 544	5, 034	533, 058	208, 480
Baskets and rattan and willow ware, not includ- ing furniture.....	4	13	147	124	95	19, 063	63, 690	60, 584	1, 066	155, 055	92, 605
Beverages.....	168	238	843	088	2, 315	622, 558	896, 563	3, 320, 802	110, 500	8, 517, 517	5, 074, 206
Bookbinding and blank-book making.....	5	12	34	24	24	22, 381	30, 303	21, 286	1, 490	102, 818	80, 036
Boxes, paper, not elsewhere classified.....	10	48	304	40	264	128, 987	224, 882	693, 399	27, 220	1, 143, 939	626, 317
Boxes, wooden, except cigar boxes.....	14	62	1, 231	2, 275	670	212, 085	741, 021	1, 742, 279	14, 063	3, 739, 373	1, 983, 241
Bread and other bakery products.....	104	231	1, 903	26	3, 888	470, 007	1, 830, 748	6, 790, 649	233, 679	12, 085, 546	6, 061, 318
Brooms.....	7	6	69	4	31	8, 700	49, 795	109, 827	1, 391	207, 246	96, 028
Butter.....	13	22	62	80	450	41, 341	51, 303	362, 485	18, 358	1, 051, 475	170, 632
Canning and preserving: Fish, crabs, shrimps, oysters, and clams.....	10	24	456	307	46	37, 770	111, 568	493, 282	14, 095	802, 090	293, 822
Canning and preserving: Fruits and vegetables; pickles, jellies, preserves, and sauces.....	20	50	401	502	435	61, 041	204, 409	1, 101, 621	28, 324	1, 834, 148	704, 203
Car and general construction and repairs, steam- railroad repair shops.....	31	391	6, 782	6, 554	21, 265	1, 076, 592	9, 138, 693	8, 354, 244	490, 834	10, 124, 942	10, 270, 864
Carriages, wagons, sleighs, and sleds.....	3	6	53	250	68	14, 689	34, 887	47, 763	3, 035	114, 015	63, 817
Cars, electric and steam railroad, not built in railroad repair shops.....	3	50	511	194	1, 682	121, 987	606, 100	965, 020	25, 775	1, 734, 908	744, 113
Caskets, coffins, burial cases, and other mortu- cians' goods.....	16	45	222	421	543	114, 052	196, 089	527, 533	9, 248	1, 090, 507	562, 780
Cigars and cigarettes.....	13	7	319		53	11, 022	174, 305	338, 269	2, 717	647, 937	306, 901
Clay products (other than pottery) and nonclay refractories.....	27	138	1, 880	3, 080	8, 308	399, 609	1, 237, 094	396, 084	959, 801	3, 687, 941	2, 332, 056
Clothing (except work clothing), men's, youths', and boys', not elsewhere classified.....	7	37	428		103	67, 188	218, 433	851, 038	10, 336	1, 665, 144	803, 770
Clothing, women's, not elsewhere classified.....	11	47	705		149	173, 720	346, 679	1, 071, 994	15, 118	2, 021, 830	934, 718
Clothing, work (including sheep-lined and blan- ket-lined work coats but not including shirts), men's.....	20	151	2, 642		715	355, 633	1, 450, 700	3, 874, 205	39, 306	6, 753, 302	2, 839, 791
Coffee and spice, roasting and grinding.....	13	32	44	15	208	69, 434	32, 396	656, 337	7, 854	834, 145	1, 024, 354
Compressed and liquefied gases.....	10	59	69	122	1, 217	125, 964	78, 205	187, 507	65, 106	868, 878	616, 265
Concrete products.....	17	35	141		322	77, 017	136, 066	223, 101	7, 389	701, 891	471, 371
Confectionery.....	30	284	1, 543		1, 551	767, 507	860, 440	2, 762, 121	70, 262	7, 005, 726	4, 173, 343
Cooperage.....	13	10	134	70	259	80, 830	109, 535	684, 691	5, 139	850, 010	260, 186
Copper, tin, and sheet-iron work, including gal- vanized-iron work, not elsewhere classified.....	17	44	216		260	125, 776	193, 011	1, 184, 627	7, 902	2, 001, 540	809, 111
Cordage and twine.....	7	40	810	90	2, 814	152, 841	409, 795	2, 887, 123	93, 668	3, 505, 145	1, 024, 354
Cotton goods.....	137	1, 098	55, 808	91, 212	176, 840	4, 290, 055	35, 346, 064	129, 798, 117	5, 905, 036	212, 851, 820	77, 148, 676
Druggists' preparations.....	7	19	25		8	26, 674	21, 868	148, 403	673	298, 826	149, 750
Dyeing and finishing textiles.....	6	70	1, 145	3, 776	1, 443	187, 622	856, 150	5, 086, 842	183, 931	8, 199, 386	2, 928, 613
Electrical machinery, apparatus, and supplies.....	5	50	98		177	61, 271	133, 569	333, 895	8, 655	943, 372	600, 822
Feeds, prepared, for animals and fowls.....	8	34	90	35	1, 278	92, 380	62, 045	2, 335, 318	18, 396	2, 727, 742	374, 028

See footnotes at end of table.

## CENSUS OF MANUFACTURES: 1929

TABLE 12.—GENERAL STATISTICS FOR THE STATE, BY INDUSTRIES: 1929—Continued

[See note at head of this table]

INDUSTRY	Number of establishments	Salaried officers and employees	Wage earners (average for the year)	HORSEPOWER (RATED CAPACITY) OF POWER EQUIPMENT		Salaries	Wages	Cost of materials and containers for products <sup>1</sup>	Cost of fuel and purchased electric energy	Value of products <sup>1</sup>	Value added by manufacture <sup>2</sup>
				Prime movers	Electric motors driven by purchased energy						
Fertilizers	125	566	2,809	2,267	21,231	\$1,187,993	\$1,723,024	\$20,388,616	\$280,752	\$29,252,800	\$8,583,532
Flavoring extracts and flavoring sirups	8	59	93		340	102,036	62,083	2,515,227	9,734	8,481,400	5,950,409
Flour and other grain-mill products	140	68	244	4,220	3,566	204,724	191,715	5,354,984	54,980	6,654,404	1,244,491
Food preparations, not elsewhere classified	12	57	149	30	390	62,234	92,735	1,042,035	11,409	1,484,016	430,571
Foundry and machine-shop products, not elsewhere classified	74	440	3,030	651	8,409	1,195,979	3,229,075	5,102,881	307,412	12,580,965	7,170,672
Furnishing goods, men's, not elsewhere classified	4	16	80		11	30,064	44,802	201,322	1,345	855,291	152,024
Furniture, including store and office fixtures	43	199	2,307	2,032	3,986	523,462	1,824,235	3,714,112	102,185	7,011,210	3,794,922
Gas, manufactured, illuminating and heating	15	209	711	3,555	1,755	407,233	845,117	601,093	1,076,437	5,179,226	3,502,606
Grease and tallow, not including lubricating greases	3	5	10	40	45	4,715	11,344	19,220	3,751	49,127	26,150
Hand stamps and stencils and brands	5	2	26		14	(4)	41,017	34,005	554	124,261	80,702
House-furnishing goods, not elsewhere classified	7	10	40	25	62	15,610	26,881	720,623	3,909	973,480	239,888
Ice cream	32	92	238	25	2,554	187,217	262,500	1,172,903	90,252	2,584,242	1,321,087
Ice, manufactured	135	263	1,196	12,075	17,108	500,243	1,066,786	275,851	829,389	5,193,538	4,088,208
Jewelry	4	6	32		5	6,745	84,727	52,451	292	149,302	90,610
Knit goods	44	325	6,018	760	5,050	730,695	3,632,232	10,578,512	262,532	19,377,923	8,536,879
Lumber and timber products, not elsewhere classified	1,158	585	15,454	57,702	3,110	1,301,141	8,911,692	11,974,737	150,649	31,180,101	19,054,805
Marble, granite, slate, and other stone products	50	230	2,303	2,192	9,028	518,047	2,301,110	1,769,124	180,832	8,196,276	6,240,320
Mattresses and bed springs, not elsewhere classified	21	96	683		1,810	275,756	670,183	2,342,370	32,673	4,509,630	2,224,587
Meat packing, wholesale	12	145	612	2,195	1,231	248,992	588,302	9,922,087	141,563	12,550,980	2,487,330
Millinery	6	60	554	75	130	192,466	427,264	975,160	15,197	1,974,262	983,905
Nonferrous-metal alloys and products, not including aluminum products	5	13	44		363	24,903	42,667	500,550	10,196	725,722	154,977
Oil, cake, and meal, cottonseed	61	310	1,519	13,120	23,674	670,695	912,410	20,336,431	614,988	24,894,017	3,943,498
Oils, not elsewhere classified	5	21	62	250	339	81,124	39,479	672,400	12,642	1,107,390	422,342
Paints and varnishes	13	67	212	700	1,214	145,140	191,006	620,583	50,748	1,480,407	812,166
Patent or proprietary medicines and compounds	30	123	188	250	530	327,486	125,007	1,030,907	13,053	4,904,064	3,860,104
Peanuts, walnuts, and other nuts, processed or shelled	23	76	877	2,698	1,275	137,512	207,004	5,400,276	36,320	6,381,231	854,635
Perfumes, cosmetics, and other toilet preparations	8	23	50		18	75,460	29,504	180,054	1,008	518,637	336,975
Photo-engraving, not done in printing establishments	10	47	125		112	150,811	281,615	85,192	8,378	755,772	662,202
Planing-mill products (including general mill-work), not made in planing mills connected with sawmills	161	443	2,788	14,870	4,820	986,698	2,170,421	9,295,507	92,183	15,067,699	5,680,009
Printing and publishing, book and job	124	483	1,392		1,760	971,525	1,875,534	2,103,408	81,031	7,032,882	4,848,443
Printing and publishing, newspaper and periodical	184	1,370	1,416	10	2,741	2,958,623	2,382,718	3,017,448	130,753	14,656,932	11,508,731
Sausage, meat puddings, headcheese, etc., and sausage casings, not made in meat-packing establishments	5	10	42	20	142	33,900	40,009	478,253	8,298	649,766	103,215
Shortenings (not including lard) and vegetable cooking oils	4	92	340	186	2,107	171,776	283,208	17,173,801	152,330	18,939,923	1,613,742
Signs and advertising novelties	10	27	55		18	27,916	56,957	31,360	2,766	231,071	196,946
Stoves and ranges (other than electric) and warm-air furnaces	6	53	536	100	559	126,944	573,612	471,400	25,064	1,787,567	1,291,007
Structural and ornamental iron and steel work, not made in plants operated in connection with rolling mills	6	22	180		588	71,726	249,557	423,238	7,460	940,374	509,670
Tanning materials, natural dyestuffs, mordants and assistants, and sizes	4	12	29	60	69	46,323	17,071	201,825	6,274	360,770	152,671
Textile machinery and parts	15	39	237	235	374	116,525	246,738	346,349	15,933	970,929	617,047
Turpentine and rosin	662	725	19,912	1,123	12	885,660	7,415,084	5,040,183	165,961	18,076,490	12,894,355
Waste	5	47	482	538	1,755	135,295	250,567	2,733,070	26,353	3,541,207	781,778
Wood preserving	7	62	521	1,837	877	215,298	431,586	3,042,050	82,816	4,930,633	1,704,861
Wood turned and shaped and other wooden goods, not elsewhere classified	6	18	228	325	90	29,506	88,296	183,293	5,441	353,700	195,056
Other industries	148	1,394	11,084	18,467	35,850	3,940,191	10,154,319	33,239,637	1,628,671	125,947,980	41,079,678

<sup>1</sup> See GENERAL EXPLANATIONS—Duplication in Cost of Materials and Value of Products.<sup>2</sup> Value of products less cost of materials, containers for products, fuel, and purchased electric energy. This item does not represent manufacturers' profits. See GENERAL EXPLANATIONS—Profits and Production Costs.<sup>3</sup> Not including data for 2,515 employees of central administrative offices, with salaries aggregating \$4,727,873. See GENERAL EXPLANATIONS—Persons Engaged.<sup>4</sup> Withheld to avoid disclosing compensation of individual officers or employees; included in item for "Other industries."



# GEORGIA

131

**TABLE 13.—GENERAL STATISTICS FOR SELECTED COUNTIES, BY INDUSTRIES: 1929**

[This table presents, for each important industrial county in the State, separate figures for each industry for which it is possible to publish such figures without disclosing, exactly or approximately, the data supplied by individual establishments, and gives combined statistics for the remaining industries as a group ("Other industries"). Certain of the industries for which combined figures are given, however, reported larger numbers of wage earners or larger values of products than those shown separately]

INDUSTRY	Number of establishments	Salaried officers and employees	Wage earners (average for the year)	HORSEPOWER (RATED CAPACITY) OF POWER EQUIPMENT		Salaries	Wages	Cost of materials and containers for products <sup>a</sup>	Cost of fuel and purchased electric energy	Value of products <sup>a</sup>	Value added by manufacture <sup>b</sup>
				Prime movers	Electric motors driven by purchased energy						

### FULTON COUNTY

[The totals for the county do not include data for a few establishments located outside the county (see footnotes 1 and 2), and therefore are slightly smaller than the sums of the items for the individual industries]

All industries, total.....	570	4,400	24,744	27,896	74,387	\$11,136,177	\$24,530,083	\$120,408,660	\$8,170,183	\$214,785,945	\$91,198,072
Beverages.....	10	43	166	019	557	110,063	200,837	760,050	39,270	2,000,518	1,201,189
Bookbinding and blank-hook making.....	5	12	34	-----	24	22,381	36,303	21,286	1,496	102,818	80,036
Boxes, paper, not elsewhere classified.....	7	43	267	40	234	120,593	199,736	640,086	26,265	1,025,471	450,620
Bread and other bakery products.....	35	106	660	20	2,336	253,073	973,018	3,828,738	120,166	7,008,632	3,654,790
Brooms.....	4	3	52	-----	27	4,400	34,276	75,600	1,019	143,890	60,871
Car and general construction and repairs, steam-railroad repair shops.....	5	62	1,450	380	4,208	143,051	2,283,028	1,373,392	87,203	3,887,674	2,420,070
Caskets, coffins, burial cases, and other morticians' goods.....	4	24	100	150	272	75,268	110,998	327,031	5,255	651,050	318,764
Clothing, women's, not elsewhere classified.....	8	42	593	-----	120	166,398	307,577	1,030,855	13,214	1,901,040	851,671
Clothing, work (including sheep-lined and blanket-lined work coats but not including shirts), men's.....	4	36	600	-----	201	121,760	551,403	1,418,199	13,801	2,358,845	926,755
Coffee and spice, roasting and grinding.....	7	20	30	-----	163	44,342	23,564	391,831	4,715	524,896	128,350
Compressed and liquefied gases <sup>1</sup> .....	10	59	89	122	1,217	125,054	78,205	187,507	65,106	868,878	616,265
Concrete products.....	10	25	64	-----	251	61,246	82,002	160,537	6,170	608,483	336,767
Confectionery.....	13	185	805	-----	897	511,588	513,826	1,460,178	43,101	3,044,402	2,132,153
Cooperage.....	3	3	33	-----	207	4,260	38,463	102,871	3,934	237,191	70,886
Copper, tin, and sheet-iron work, including galvanized-iron work, not elsewhere classified.....	8	35	111	-----	177	106,840	107,042	434,111	5,258	880,082	449,713
Cotton goods.....	7	104	3,440	14,133	0,048	312,700	2,339,030	7,725,640	320,180	12,541,341	4,406,512
Druggists' preparations <sup>2</sup> .....	7	19	26	-----	8	26,674	21,808	148,403	1,673	208,826	140,750
Electrical machinery, apparatus, and supplies <sup>1</sup> .....	5	50	98	-----	177	61,271	133,600	333,805	8,055	643,372	600,323
Fertilizers.....	12	140	525	85	5,317	830,100	408,188	4,018,060	57,816	5,024,018	1,847,233
Flour and other grain-mill products.....	4	9	10	-----	160	13,230	6,490	106,017	3,378	224,156	54,761
Food preparations, not elsewhere classified.....	7	40	122	-----	369	50,820	77,840	917,077	9,148	1,287,329	361,104
Foundry and machine-shop products, not elsewhere classified.....	23	110	869	8	2,140	340,660	944,837	1,233,206	90,885	3,357,796	2,033,705
Furniture, including store and office fixtures.....	10	104	950	565	1,488	261,884	928,877	1,890,858	43,786	3,887,439	1,943,705
Hand stamps and stencils and brands <sup>1</sup> .....	5	2	20	-----	14	(?)	41,017	34,005	554	124,231	80,702
Ice cream.....	8	34	76	-----	873	74,170	95,153	408,204	29,095	882,536	449,337
Ice, manufactured.....	8	34	144	1,580	5,735	97,005	192,783	43,567	103,622	1,442,274	1,205,185
Jewelry.....	4	6	32	-----	5	6,745	34,727	52,451	292	140,362	96,619
Knit goods.....	3	23	337	-----	635	66,171	230,713	521,837	23,220	1,048,104	503,047
Marble, granite, slate, and other stone products.....	5	24	144	-----	978	66,936	212,960	174,410	12,300	738,079	552,260
Millinery.....	0	69	554	75	136	192,466	427,264	975,150	15,197	1,074,262	683,065
Nonferrous-metal alloys and products, not including aluminum products.....	5	13	44	-----	303	24,903	42,967	560,550	10,165	726,722	154,077
Oil, cake, and meal, cottonseed.....	6	37	257	1,103	4,225	113,249	182,738	5,297,316	120,090	6,255,256	837,850
Paints and varnishes.....	4	34	33	-----	137	67,372	20,677	330,951	4,614	615,594	180,029
Patent or proprietary medicines and compounds.....	15	92	135	100	388	243,062	86,743	796,433	10,622	3,072,285	2,866,230
Perfumes, cosmetics, and other toilet preparations <sup>1</sup> .....	8	23	50	-----	18	75,469	29,504	180,054	1,008	518,337	336,075
Planing-mill products (including general millwork) not made in planing mills connected with sawmills.....	17	103	582	1,870	807	255,244	571,323	1,677,654	24,400	2,931,623	1,220,560
Printing and publishing, book and job.....	68	370	1,016	-----	1,116	763,211	1,414,903	1,617,608	59,462	5,405,231	3,788,161
Printing and publishing, newspaper and periodical.....	35	810	635	-----	1,133	1,805,977	1,268,446	2,082,466	54,636	9,453,021	7,916,021
Signs and advertising novelties.....	10	27	55	-----	18	27,016	50,957	31,860	2,766	231,071	106,945
Structural and ornamental iron and steel work, not made in plants operated in connection with rolling mills.....	3	15	114	-----	268	45,771	170,466	263,274	4,602	600,015	302,780
Other industries.....	146	1,411	9,027	7,056	31,282	3,020,670	9,062,846	77,243,867	1,657,414	124,028,555	45,127,274

### MUSCOGEE COUNTY

All industries, total.....	96	776	12,185	10,640	37,913	\$1,933,979	\$8,777,275	\$27,778,978	\$1,327,731	\$63,524,409	\$24,417,700
Beverages.....	4	20	29	15	110	71,537	28,350	166,902	3,930	500,810	359,897
Bread and other bakery products.....	0	18	62	5	169	30,688	66,066	164,045	8,015	361,738	189,678
Cotton goods.....	9	237	8,718	7,400	20,013	596,069	5,870,908	18,070,732	915,260	32,177,375	13,191,308
Fertilizers.....	5	14	119	100	1,281	27,286	83,689	984,836	18,061	1,345,688	342,191
Foundry and machine-shop products, not elsewhere classified.....	7	99	759	85	2,140	333,245	765,504	1,554,910	54,238	3,503,050	1,804,502
Ice, manufactured.....	4	12	50	750	902	28,880	28,880	6,816	43,516	228,489	178,658
Lumber and timber products, not elsewhere classified.....	5	1	164	363	-----	(?)	100,800	41,000	250	171,300	130,050
Planing-mill products (including general millwork) not made in planing mills connected with sawmills.....	5	22	139	260	640	61,172	118,340	348,500	7,849	674,242	317,893
Printing and publishing, book and job.....	6	29	79	-----	122	52,146	62,280	116,553	4,301	333,097	212,243
Textile machinery and parts.....	3	10	28	-----	52	27,341	35,988	80,671	1,923	162,369	79,776
Other industries.....	42	314	2,029	1,602	6,445	705,615	1,565,208	6,214,424	269,798	14,005,642	7,521,420

<sup>a</sup> See GENERAL EXPLANATIONS—Duplication in Cost of Materials and Value of Products.

<sup>b</sup> Value of products less cost of materials, containers for products, fuel, and purchased electric energy. This item does not represent manufacturers' profits. See GENERAL EXPLANATIONS—Profits and Production Costs.

The figures for a few establishments located outside Fulton County have been included in those for the county, as specified in footnotes 1 and 2, to avoid disclosing data reported by individual establishments.

<sup>1</sup> Includes data for 1 establishment located outside Fulton County.

<sup>2</sup> Includes data for 2 establishments located outside Fulton County.

<sup>3</sup> Withheld to avoid disclosing compensation of individual officers or employees; included in item for "Other industries."