

FUR GOODS

MISCELLANEOUS ARTICLES NOT ELSEWHERE CLASSIFIED SIGNS AND ADVERTISING NOVELTIES .

[Preliminary reports for the "Fur goods" and "Signs and advertising novelties" industries were issued on Dec. 11, 1934, and Nov. 2, 1934, respectively]

Description of the industries.—The establishments classified in the "Fur goods" industry are those whose principal products are women's, misses', and children's fur sets and furs, including boas, capes, collars, muffs, scarfs, and stoles; fur coats and cloaks; fur and fur-lined overcoats; fur hats, caps, gloves and mittens; and fur robes.

The "Miscellaneous articles not elsewhere classified" industry embraces establishments engaged primarily in the manufacture of numerous small articles not readily assignable to any of the other classifications. Among these are beaded articles, burnt-wood articles, celluloid novelties, and "art" novelties; ivory, shell, and bone articles other than buttons, combs, and hairpins; inlaid veneer work, bric-a-brac, composition ornaments, and decalcomania work (not on china and glass); needle and pin books, photo jewelry and buttons, silk watch chains, etc.

The principal products of the "Signs and advertising novelties" industry are neon and other electric signs; posters, show cards, and window and lobby displays not lithographed or printed; name plates and store-front signs; highway and other signs made in the shop; and advertising novelties and devices. This industry classification does not cover sign painting and lettering done outside the shop, on billboards, walls, windows, etc.

Extent of coverage.—As the result of a variety of causes, including the numerous industrial changes in progress during the period, all of which were beyond the Census Bureau's control, the coverage of these industries was somewhat, but not seriously, incomplete. Of those establishments which had reported at the Census for 1931, 173 in the "Fur goods" industry, 31 in the "Miscellaneous articles" industry, and 48 in the "Signs and advertising novelties" industry failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, but the proportions of the 1931 employment and value-of-products totals accounted for by these establishments amounted to only about 2½ percent in the first-named industry, less than 2 percent in the second, and less than 1½ percent in the third.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

	Number of establishments	Number of salaried employees ¹	Number of wage earners (average for the year)	Salaries ²	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture ³
<i>Thousands of dollars.</i> (See sec. 25, p. 13)								
FUR GOODS⁴								
<i>United States</i>								
1933.....	1,463	1,572	8,210	2,146	11,500	50,061	80,524	30,464
1931.....	2,354	(⁵)	12,358	(⁵)	24,793	102,634	164,749	62,115
1929.....	2,855	4,101	15,752	12,758	33,330	176,107	277,593	101,486
1927.....	2,756	4,093	16,640	10,093	37,671	195,223	299,615	104,292
<i>States</i>								
California:								
1933.....	42	48	261	67	289	723	1,413	690
1931.....	60	(⁵)	244	(⁵)	398	930	1,977	1,046
Connecticut:								
1933.....	5	5	28	6	24	91	169	77
1931.....	9	(⁵)	48	(⁵)	73	144	285	141
Illinois:								
1933.....	101	150	518	212	638	2,115	4,097	1,982
1931.....	186	(⁵)	671	(⁵)	1,281	3,583	6,738	3,155
Indiana:								
1933.....	7	9	48	29	56	91	286	195
1931.....	8	(⁵)	56	(⁵)	65	152	272	120
Iowa:								
1933.....	11	13	85	11	69	146	286	140
1931.....	18	(⁵)	164	(⁵)	190	321	775	455
Maryland:								
1933.....	8	11	37	10	26	82	155	73
1931.....	19	(⁵)	71	(⁵)	75	170	374	204
Massachusetts:								
1933.....	15	24	100	32	127	259	598	340
1931.....	27	(⁵)	178	(⁵)	331	691	1,326	635
Michigan:								
1933.....	17	64	219	62	176	315	671	356
1931.....	30	(⁵)	301	(⁵)	416	660	1,400	740
Minnesota:								
1933.....	27	47	349	60	348	617	1,391	773
1931.....	46	(⁵)	464	(⁵)	616	1,329	2,614	1,285
Missouri:								
1933.....	11	28	176	35	137	298	755	456
1931.....	24	(⁵)	257	(⁵)	378	547	1,160	613
New Jersey:								
1933.....	7	6	67	7	72	94	253	159
1931.....	13	(⁵)	94	(⁵)	153	449	780	331
New York:								
1933.....	1,104	995	5,633	1,415	8,830	43,646	67,101	23,455
1931.....	1,695	(⁵)	8,738	(⁵)	19,197	90,099	140,094	49,995
Ohio:								
1933.....	17	25	104	25	125	393	693	300
1931.....	31	(⁵)	147	(⁵)	253	597	1,054	456
Oregon:								
1933.....	3	2	7	(⁵)	7	9	31	23
1931.....	7	(⁵)	20	(⁵)	29	38	99	61
Pennsylvania:								
1933.....	42	76	222	102	242	670	1,373	703
1931.....	101	(⁵)	319	(⁵)	550	1,446	2,694	1,247
Washington:								
1933.....	14	18	117	28	114	153	356	204
1931.....	18	(⁵)	132	(⁵)	178	267	588	321
Wisconsin:								
1933.....	22	23	150	17	134	238	584	345
1931.....	33	(⁵)	232	(⁵)	284	589	1,223	634
Other States: ⁷								
1933.....	10	28	88	29	85	122	312	191
1931.....	29	(⁵)	222	(⁵)	324	619	1,255	675

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

	Number of establishments	Number of salaried employees ¹	Number of wage earners (average for the year)	Salaries ²	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture ³
<i>Thousands of dollars.</i> (See sec. 25, p. 13)								
MISCELLANEOUS ARTICLES NOT ELSEWHERE CLASSIFIED								
<i>United States</i>								
1933.....	557	1,663	13,024	2,296	9,615	16,174	40,900	24,726
1931.....	709	(^o)	13,892	(^o)	13,119	22,380	55,133	32,754
1929.....	835	2,811	19,113	8,061	19,465	35,657	86,649	50,992
1927.....	617	2,905	17,259	6,901	18,636	35,002	83,918	48,916
<i>States</i>								
California:								
1933.....	29	59	186	55	128	258	604	346
1931.....	38	(^o)	279	(^o)	278	506	1,369	863
Connecticut:								
1933.....	13	92	843	108	688	887	2,417	1,530
1931.....	18	(^o)	732	(^o)	702	662	2,120	1,458
Illinois:								
1933.....	49	204	1,306	329	1,025	1,614	4,738	3,124
1931.....	75	(^o)	1,344	(^o)	1,333	1,698	4,939	3,241
Iowa:								
1933.....	3	15	102	11	64	133	289	157
1931.....	5	(^o)	197	(^o)	167	253	523	269
Kentucky:								
1933.....	6	30	259	26	147	275	663	383
1931.....	6	(^o)	209	(^o)	144	218	585	367
Maryland:								
1933.....	4	11	86	13	66	131	283	152
1931.....	6	(^o)	151	(^o)	120	217	539	323
Massachusetts:								
1933.....	40	134	1,153	167	824	1,180	2,976	1,796
1931.....	51	(^o)	1,393	(^o)	1,178	2,314	5,359	3,045
Michigan:								
1933.....	11	19	111	22	68	104	297	193
1931.....	12	(^o)	124	(^o)	90	129	370	241
Minnesota:								
1933 ^s	4	9	50	9	30	68	164	96
Missouri:								
1933.....	8	15	72	20	41	99	228	129
1931.....	7	(^o)	86	(^o)	65	88	189	101
New Jersey:								
1933.....	25	151	1,243	280	941	1,263	3,736	2,473
1931.....	28	(^o)	1,084	(^o)	1,064	1,186	4,078	2,892
New York:								
1933.....	276	668	5,288	928	3,983	7,847	18,213	10,366
1931.....	338	(^o)	5,273	(^o)	5,391	11,121	25,507	14,385
Ohio:								
1933.....	8	13	240	11	182	230	705	475
1931.....	14	(^o)	159	(^o)	127	209	541	332
Pennsylvania:								
1933.....	35	114	731	136	456	930	2,113	1,183
1931.....	52	(^o)	1,208	(^o)	951	1,866	3,737	1,872
Rhode Island:								
1933.....	18	77	1,027	124	721	707	2,330	1,623
1931.....	23	(^o)	1,214	(^o)	1,128	1,221	3,618	2,397
Washington:								
1933.....	4	4	6	3	6	23	45	22
1931.....	4	(^o)	13	(^o)	12	33	75	42
Wisconsin:								
1933.....	7	25	176	27	114	267	593	325
1931.....	8	(^o)	204	(^o)	163	337	676	339
Other States:^p								
1933.....	17	23	145	28	130	158	506	343
1931.....	24	(^o)	222	(^o)	205	321	909	588

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

	Number of establishments	Number of salaried employees 1	Number of wage earners (average for the year)	Salaries 2	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture 3
SIGNS AND ADVERTISING NOVELTIES								
<i>United States</i>								
1933.....	848	2,444	12,044	3,391	11,577	15,312	47,144	31,832
1931.....	078	(5)	14,463	(5)	18,485	21,297	74,681	53,384
1929.....	239	5,119	20,000	13,127	27,901	35,701	118,044	82,343
1927.....	813	4,563	16,907	10,412	24,044	30,892	98,481	67,589
<i>States</i>								
California:								
1933.....	60	91	553	114	510	547	1,849	1,302
1931.....	75	(5)	831	(5)	1,422	1,205	5,146	3,940
Colorado:								
1933.....	16	39	105	66	132	86	648	562
1931.....	21	(5)	147	(5)	193	160	1,047	887
Connecticut:								
1933.....	14	29	71	34	92	61	404	343
1931.....	14	(5)	99	(5)	183	167	678	511
District of Columbia:								
1933.....	4	4	18	4	16	15	53	37
1931.....	4	(5)	12	(5)	18	14	47	33
Florida:								
1933.....	6	21	56	27	53	24	199	175
1931.....	8	(5)	77	(5)	103	47	578	531
Georgia:								
1933.....	6	9	44	5	33	24	96	72
1931.....	10	(5)	100	(5)	132	81	639	558
Illinois:								
1933.....	87	412	2,244	659	2,223	2,814	8,890	6,076
1931.....	119	(5)	2,426	(5)	3,274	3,319	13,376	10,057
Indiana:								
1933.....	17	79	304	98	275	489	1,338	850
1931.....	18	(5)	366	(5)	292	660	1,874	1,214
Iowa:								
1933.....	13	63	155	57	130	332	805	473
1931.....	17	(5)	196	(5)	203	476	1,190	714
Kansas:								
1933.....	3	5	24	8	26	28	144	116
1931.....	5	(5)	39	(5)	57	39	249	210
Kentucky:								
1933.....	8	25	166	28	157	231	502	271
1931.....	7	(5)	165	(5)	168	259	706	446
Louisiana:								
1933.....	8	13	41	13	36	33	116	82
1931.....	9	(5)	35	(5)	45	81	234	153
Maryland:								
1933.....	14	61	401	84	355	410	1,075	664
1931.....	16	(5)	465	(5)	562	516	1,933	1,418
Massachusetts:								
1933.....	20	57	219	78	233	226	728	502
1931.....	28	(5)	214	(5)	287	258	871	613
Michigan:								
1933.....	34	178	536	287	546	591	2,720	2,130
1931.....	48	(5)	537	(5)	743	841	2,719	1,878
Minnesota:								
1933.....	27	55	371	54	300	287	1,071	784
1931.....	42	(5)	1,361	(5)	1,458	1,650	6,233	4,683
Missouri:								
1933.....	29	58	327	85	389	575	1,506	931
1931.....	35	(5)	325	(5)	393	643	1,812	1,169
Nebraska:								
1933.....	6	22	46	41	52	57	378	322
1931.....	8	(5)	95	(5)	124	113	616	502
New Hampshire:								
1933.....	3	3	10	3	11	13	38	25
1931.....	4	(5)	13	(5)	19	17	55	38

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 131]

	Number of establishments	Number of salaried employes ¹	Number of wage earners (average for the year)	Salaries ²	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture ³
SIGNS AND ADVERTISING NOVELTIES—continued								
States—Continued								
New Jersey:								
1933	38	174	656	277	643	698	2,435	1,737
1931	37	(⁵)	878	(⁵)	1,175	1,255	3,969	2,714
New York:								
1933	190	431	2,303	568	2,465	3,302	9,731	6,430
1931	250	(⁵)	2,505	(⁵)	3,290	4,084	13,435	9,351
North Dakota:								
1933 ⁴	3	3	16	4	21	25	76	50
Ohio:								
1933	65	317	1,392	417	1,157	2,421	5,782	3,361
1931	82	(⁵)	1,347	(⁵)	1,552	2,680	7,009	4,329
Oklahoma:								
1933	9	13	53	12	50	76	211	135
1931	9	(⁵)	41	(⁵)	62	60	252	192
Oregon:								
1933	6	16	63	24	61	46	251	205
1931	8	(⁵)	90	(⁵)	147	86	463	377
Pennsylvania:								
1933	62	127	963	187	842	970	2,847	1,877
1931	82	(⁵)	894	(⁵)	1,250	1,314	4,577	3,263
Rhode Island:								
1933	4	3	16	3	17	19	53	34
1931	4	(⁵)	23	(⁵)	27	36	99	64
Tennessee:								
1933	9	21	86	17	71	99	326	227
1931	10	(⁵)	94	(⁵)	93	106	379	274
Texas:								
1933	24	23	123	25	111	93	371	278
1931	27	(⁵)	204	(⁵)	256	243	906	662
Utah:								
1933	5	6	43	13	38	46	169	123
1931	5	(⁵)	46	(⁵)	61	44	235	191
Washington:								
1933	16	13	113	13	142	107	612	505
1931	24	(⁵)	129	(⁵)	213	111	621	510
West Virginia:								
1933	3	2	18	(⁵)	13	11	46	35
1931	4	(⁵)	27	(⁵)	34	33	96	63
Wisconsin:								
1933	21	46	378	48	266	367	965	598
1931	20	(⁵)	443	(⁵)	368	448	1,305	857
Other States: ¹⁰								
1933	18	25	133	38	112	188	708	520
1931	26	(⁵)	239	(⁵)	275	253	1,333	1,050

¹ Not including proprietors and firm members as follows: Fur goods—1933, 1,296; 1931, no data; 1929, 3,161; 1927, 3,755. Miscellaneous articles, etc.—1933, 309; 1931, no data; 1929, 489; 1927, 492. Signs and advertising novelties—1933, 355; 1931, no data; 1929, 597; 1927, 601.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ The establishments classified in this industry reported, for 1933, a total of \$1,411,610 paid for contract work, of which amount \$1,345,691 was accounted for by establishments in New York State.

⁵ No data.

⁶ Withheld to avoid disclosing compensation of individual employees; included in items for "Other States."⁷ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Colo., 1, 2; Del., 1, 1; D. C., 1, 6; Ga., 0, 1; Ky., 0, 1; La., 0, 2; Me., 2, 6; Mont., 0, 1; Nebr., 3, 3; N. Dak., 1, 2; Okla., 0, 1; R. I., 0, 1; Tenn., 0, 1; Utah, 1, 1.

⁸ Figures for 1931 withheld to avoid disclosing approximations of data for individual establishments; included in items for "Other States."

⁹ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ala., 0, 1; Colo., 1, 2; D. C., 1, 1; Fla., 2, 1; Ga., 2, 1; Ind., 2, 2; Kans., 1, 0; La., 1, 1; Me., 1, 1; Minn. (1931), 4; Nebr., 1, 2; N. H., 2, 2; N. C., 1, 1; Oreg., 1, 1; Tex., 1, 4.

¹⁰ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ala., 2, 4; Ariz., 1, 1; Ark., 1, 1; Del., 2, 3; Me., 2, 4; Miss., 0, 1; Mont., 2, 1; N. C., 3, 4; N. Dak. (1931), 1; Va., 5, 6.

TABLE 2.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES: 1933 AND 1931

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8.) See sec. 26, p. 13]

	1933				1931			
	March	June	Sept.	Dec.	March	June	Sept.	Dec.
FUR GOODS								
United States.....	5,718	7,648	11,791	8,030	10,231	12,259	15,625	11,069
<i>States</i>								
California.....	193	206	358	284	223	186	320	271
Connecticut.....	19	26	31	36	31	48	58	63
Illinois.....	306	493	707	595	464	629	876	740
Indiana.....	27	43	59	60	47	55	60	57
Iowa.....	57	70	111	103	143	163	181	163
Maryland.....	24	20	45	49	53	60	86	90
Massachusetts.....	67	97	124	131	135	181	200	194
Michigan.....	116	208	289	260	195	305	393	329
Minnesota.....	202	310	496	458	327	513	582	405
Missouri.....	130	155	216	226	199	249	298	302
Nebraska.....	18	37	37	35	41	49	49	46
New Jersey.....	21	65	100	76	32	122	164	105
New York.....	4,091	5,330	8,342	4,965	7,544	8,716	11,135	7,125
Ohio.....	64	84	151	113	109	140	177	169
Oregon.....	7	7	9	6	12	21	30	21
Pennsylvania.....	187	193	264	250	252	272	374	411
Washington.....	63	109	175	137	99	135	178	122
Wisconsin.....	92	139	197	183	185	230	273	258
MISCELLANEOUS ARTICLES NOT ELSEWHERE CLASSIFIED								
United States.....	10,888	11,761	15,646	14,709	13,515	12,814	15,098	14,288
<i>States</i>								
California.....	122	132	236	268	293	278	276	261
Connecticut.....	668	809	919	1,105	701	700	703	778
Illinois.....	1,074	1,173	1,499	1,643	1,407	1,163	1,411	1,412
Iowa.....	88	104	101	102	224	194	189	182
Kentucky.....	243	225	279	292	187	179	249	245
Maryland.....	59	73	123	80	106	175	186	120
Massachusetts.....	989	1,017	1,397	1,297	1,237	1,413	1,571	1,335
Michigan.....	98	102	123	143	131	122	141	137
Minnesota.....	19	29	107	66	71	45	74	63
Missouri.....	57	57	91	95	87	92	89	81
New Jersey.....	1,181	1,195	1,483	1,223	1,115	980	1,135	1,154
New York.....	4,352	4,726	6,404	5,924	5,260	4,708	5,724	5,442
Ohio.....	197	229	294	265	143	150	161	179
Pennsylvania.....	595	640	872	816	1,151	980	1,397	1,354
Rhode Island.....	917	921	1,262	1,035	1,062	1,223	1,360	1,183
Washington.....	4	7	9	8	12	14	13	16
Wisconsin.....	100	169	284	190	175	204	239	189
SIGNS AND ADVERTISING NOVELTIES								
United States.....	10,655	11,788	13,130	13,912	14,394	14,606	14,356	14,496
<i>States</i>								
California.....	502	564	647	598	869	851	816	759
Colorado.....	101	111	104	102	153	176	135	143
Connecticut.....	60	85	79	69	101	104	104	86
District of Columbia.....	9	21	20	20	11	11	11	14
Florida.....	50	44	52	66	67	69	75	96
Georgia.....	39	40	49	51	108	98	96	83
Illinois.....	1,964	2,343	2,377	2,626	2,358	2,495	2,333	2,435
Indiana.....	238	251	376	381	249	388	447	408
Iowa.....	153	137	172	224	154	173	216	274
Kansas.....	18	27	25	24	44	45	36	31
Kentucky.....	131	189	176	162	168	188	159	155
Louisiana.....	32	39	44	48	33	35	39	35
Maryland.....	335	351	446	443	465	478	469	533
Massachusetts.....	178	198	242	280	199	224	237	207
Michigan.....	532	510	578	649	571	564	497	493
Minnesota.....	399	352	320	552	1,364	1,298	1,304	1,519
Missouri.....	226	274	449	404	334	324	320	319
Nebraska.....	37	57	42	51	94	106	92	82
New Hampshire.....	10	10	9	10	20	9	9	9
New Jersey.....	599	651	672	758	826	830	916	943
New York.....	2,109	2,227	2,446	2,577	2,512	2,456	2,580	2,449

For footnotes, see end of table.

TABLE 2.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES: 1933 AND 1931—Continued

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8.) See sec. 26, p. 13]

	1933 ¹				1931			
	March	June	Sept.	Dec.	March	June	Sept.	Dec.
SIGNS AND ADVERTISING NOVELTIES—continued								
States—Continued								
North Dakota.....	13	16	18	17	(²)	(²)	(²)	(²)
Ohio.....	1,204	1,257	1,552	1,686	1,379	1,339	1,356	1,301
Oklahoma.....	50	54	55	52	39	47	39	41
Oregon.....	59	70	60	79	102	82	72	89
Pennsylvania.....	814	996	1,088	962	923	974	836	870
Rhode Island.....	16	18	17	22	22	23	24	30
Tennessee.....	76	88	98	93	108	89	82	82
Texas.....	112	117	130	126	187	203	203	212
Utah.....	26	52	54	48	48	63	44	32
Washington.....	105	116	118	117	131	136	130	119
West Virginia.....	18	18	21	13	28	32	26	26
Wisconsin.....	326	373	451	445	456	456	430	416

¹ See secs. 5, p. 4, and 13, p. 8. The establishments canvassed with the standard schedule reported wage earners, by months, as follows:

Fur goods.—Number of establishments reported on standard schedule, 1,298:

January.....	5,301	May.....	6,234	September.....	11,057
February.....	5,726	June.....	7,155	October.....	9,871
March.....	5,390	July.....	9,286	November.....	8,777
April.....	5,655	August.....	10,303	December.....	7,500

Miscellaneous articles, etc.—Number of establishments reported on standard schedule, 522:

January.....	10,755	May.....	11,231	September.....	15,499
February.....	11,184	June.....	11,648	October.....	16,393
March.....	10,781	July.....	12,063	November.....	15,851
April.....	10,863	August.....	13,951	December.....	14,579

Signs and advertising novelties.—Number of establishments reported on standard schedule, 788:

January.....	10,477	May.....	11,180	September.....	12,884
February.....	10,621	June.....	11,546	October.....	13,468
March.....	10,441	July.....	11,415	November.....	13,422
April.....	10,455	August.....	12,170	December.....	13,694

² Withheld to avoid disclosing data for an individual establishment.

MATTRESSES AND BED SPRINGS NOT ELSEWHERE CLASSIFIED

[A preliminary report for this industry was issued under date of Sept. 11, 1934]

Description of the industry.—This industry embraces establishments engaged primarily in the manufacture of mattresses and pads filled with hair, cotton, felt, moss, or similar materials; wire springs for use on beds, couches, and cots; and spring cushions. It does not cover the activities of establishments engaged wholly or principally in the renovation of mattresses unless such establishments actually manufactured new products to the value of \$5,000 or more. For this reason, and for the further reasons that the industry classification excludes establishments whose products made during the census year were valued at less than \$5,000 (see sec. 8*d*, p. 6) and also excludes those which make mattresses and bed springs as secondary products (see sec. 16, p. 9), the actual number of establishments engaged primarily in the manufacture of mattresses and bed springs, as shown by table 1, is much smaller than the number of names listed in the International Directory of Bedding Manufacturers.

Extent of coverage.—As the result of a variety of causes beyond the Bureau's control, including the numerous industrial changes which were taking place during the period, the census coverage of this industry was somewhat, but not seriously, incomplete. Of the 781 establishments that reported for 1931, 56 failed to supply any information in regard to their status (active, idle, etc.) or activities in 1933; but these establishments accounted for less than 1 percent of the total number of wage earners and of the total value of products reported for this industry for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

	Number of establishments	Number of salaried employees ^{1, 2}	Number of wage earners (average for the year)	Salaries ²	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture ³
<i>Thousands of dollars. (See sec. 25, p. 13)</i>								
<i>United States</i>								
1933.....	645	1,850	13,280	2,752	10,694	32,491	59,724	27,233
1931.....	781	(⁴)	13,622	(⁴)	14,702	37,509	77,508	39,999
1929.....	951	2,669	17,187	7,014	22,584	61,527	123,280	61,753
1927.....	838	2,725	13,481	7,004	16,887	52,182	98,835	46,652
<i>States</i>								
Alabama:								
1933.....	10	27	113	35	73	231	422	191
1931.....	10	(⁴)	90	(⁴)	61	187	390	203
Arkansas:								
1933.....	5	5	51	8	32	128	238	109
1931.....	5	(⁴)	56	(⁴)	45	171	291	120
California:								
1933.....	38	146	1,068	237	885	2,477	4,739	2,262
1931.....	49	(⁴)	1,154	(⁴)	1,335	3,387	6,840	3,454
Colorado:								
1933.....	4	14	97	19	79	199	394	195
1931.....	4	(⁴)	81	(⁴)	85	232	443	212
Connecticut:								
1933.....	17	16	82	18	77	278	493	214
1931.....	24	(⁴)	97	(⁴)	134	368	736	368
Delaware:								
1933.....	3	2	17	(⁵)	15	60	99	39
1931.....	3	(⁴)	17	(⁴)	18	43	101	59
District of Columbia:								
1933.....	3	7	54	13	40	139	239	100
1931.....	4	(⁴)	80	(⁴)	81	196	428	233
Florida:								
1933.....	11	18	91	18	68	151	322	171
1931.....	13	(⁴)	82	(⁴)	75	169	361	192
Georgia:								
1933 ⁶	12	105	654	201	418	1,136	2,393	1,257
Illinois:								
1933.....	38	181	1,764	277	1,328	3,827	7,039	3,211
1931.....	43	(⁴)	1,508	(⁴)	1,602	3,980	7,980	4,000
Indiana:								
1933.....	15	37	304	58	202	724	1,232	508
1931.....	16	(⁴)	269	(⁴)	313	745	1,508	763
Iowa:								
1933.....	5	9	56	8	36	132	244	112
1931.....	6	(⁴)	69	(⁴)	66	196	370	175
Kansas:								
1933.....	8	17	65	19	45	130	232	103
1931.....	8	(⁴)	71	(⁴)	63	169	321	152
Kentucky:								
1933.....	5	12	135	13	91	231	485	253
1931.....	6	(⁴)	89	(⁴)	91	265	490	225
Louisiana:								
1933.....	9	10	84	17	49	156	324	168
1931.....	12	(⁴)	103	(⁴)	71	172	365	193
Maryland:								
1933.....	11	33	272	39	211	663	1,230	567
1931.....	12	(⁴)	333	(⁴)	327	803	1,757	955
Massachusetts:								
1933.....	50	92	659	115	526	1,662	3,222	1,561
1931.....	55	(⁴)	690	(⁴)	714	2,009	4,117	2,107
Michigan:								
1933.....	12	30	189	44	137	455	826	371
1931.....	20	(⁴)	205	(⁴)	219	632	1,241	608
Minnesota:								
1933.....	7	34	363	42	303	923	1,646	723
1931.....	7	(⁴)	359	(⁴)	357	1,064	2,035	970
Mississippi:								
1933.....	3	4	18	4	10	40	77	38
1931.....	3	(⁴)	18	(⁴)	14	28	74	47
Missouri:								
1933.....	20	26	291	37	234	711	1,228	517
1931.....	20	(⁴)	249	(⁴)	247	674	1,284	610

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

	Number of establishments	Number of salaried employees ^{1 2}	Number of wage earners (average for the year)	Salaries ²	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture ³
<i>States—Continued</i>								
Nebraska:								
1933.....	6	(⁴) 5	29	(⁵) 7	23	106	170	64
1931.....	6	(⁴)	34	(⁵)	44	101	219	117
New York:								
1933.....	117	263	1,540	399	1,474	4,517	8,391	3,874
1931.....	181	(⁴)	1,665	(⁵)	2,240	6,113	11,856	5,744
North Carolina:								
1933.....	15	24	204	29	125	416	759	343
1931.....	16	(⁴)	152	(⁵)	117	349	717	367
Ohio:								
1933.....	30	94	505	168	417	1,377	2,562	1,184
1931.....	32	(⁴)	440	(⁵)	501	1,391	2,786	1,395
Oklahoma:								
1933.....	7	4	63	3	52	138	271	134
1931.....	8	(⁴)	82	(⁵)	84	190	373	183
Oregon:								
1933.....	8	12	67	16	59	170	330	160
1931.....	6	(⁴)	83	(⁵)	96	243	475	231
Pennsylvania:								
1933.....	47	101	843	160	680	2,033	3,551	1,518
1931.....	50	(⁴)	745	(⁵)	828	2,016	3,950	1,934
Rhode Island:								
1933.....	6	8	80	8	53	204	362	158
1931.....	6	(⁴)	82	(⁵)	85	252	467	215
South Carolina:								
1933.....	5	6	34	5	17	62	109	47
1931.....	6	(⁴)	31	(⁵)	18	58	108	49
Tennessee:								
1933.....	10	47	352	66	207	771	1,345	574
1931.....	10	(⁴)	319	(⁵)	188	534	1,282	747
Texas:								
1933.....	30	27	223	28	171	554	1,013	459
1931.....	33	(⁴)	233	(⁵)	238	674	1,335	661
Utah:								
1933.....	5	7	37	6	26	74	143	69
1931.....	5	(⁴)	38	(⁵)	34	80	167	86
Virginia:								
1933.....	12	27	124	31	71	190	412	222
1931.....	13	(⁴)	140	(⁵)	119	331	609	278
Washington:								
1933.....	9	9	39	15	29	86	183	97
1931.....	10	(⁴)	84	(⁵)	85	269	455	186
Other States: ⁷								
1933.....	52	391	2,716	586	2,431	7,337	12,999	5,661
1931.....	79	(⁴)	3,824	(⁵)	4,108	9,419	21,580	12,161

¹ Not including proprietors and firm members, as follows: 1933, 348; 1931, no data; 1929, 688; 1927, 615.
² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ No data.

⁵ Withheld to avoid disclosing compensation of individual employees; included in item for "Other States."

⁶ Figures for 1931 withheld to avoid disclosing approximations of data for individual establishments.

⁷ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ariz., 2; Ga. (1931), 13; Idaho, 1, 1; Me., 2, 2; N. H., 2, 3; N. J., 22, 34; N. Mex., 1, 1; N. Dak., 1, 1; Vt., 1, 1; W. Va., 4, 5; Wis., 16, 16.

TABLE 2.—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES: 1933 AND 1931

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8.) See sec. 26, p. 13]

	1933 ¹				1931			
	March	June	September	December	March	June	September	December
United States.....	10,819	14,018	16,747	12,029	13,801	14,162	13,877	12,306
<i>States</i>								
Alabama.....	85	115	140	122	88	91	95	86
Arkansas.....	42	56	59	44	54	56	55	50
California.....	910	1,131	1,273	967	1,235	1,163	1,152	1,046
Colorado.....	82	109	111	90	78	84	85	75
Connecticut.....	60	88	103	87	97	103	100	86
Delaware.....	17	17	18	17	17	17	18	15
District of Columbia.....	46	52	73	53	79	85	81	74
Florida.....	77	80	90	124	73	75	85	99
Georgia.....	553	703	806	625	559	563	520	435
Illinois.....	1,288	1,852	2,435	1,561	1,469	1,617	1,584	1,305
Indiana.....	248	337	356	281	274	270	269	252
Iowa.....	56	58	61	53	72	71	70	59
Kansas.....	67	68	67	58	71	71	71	69
Kentucky.....	76	155	198	118	79	97	102	85
Louisiana.....	78	89	85	86	107	112	100	97
Maryland.....	235	275	312	277	321	344	339	312
Massachusetts.....	586	695	765	595	684	719	693	651
Michigan.....	150	214	208	176	204	221	212	190
Minnesota.....	279	396	483	301	339	412	379	306
Mississippi.....	15	23	17	16	19	19	18	18
Missouri.....	240	308	385	269	254	257	253	228
Nebraska.....	27	29	31	27	35	35	31	31
New Jersey.....	750	1,003	1,780	824	1,030	992	980	902
New York.....	1,364	1,643	1,783	1,372	1,629	1,692	1,829	1,554
North Carolina.....	185	208	219	213	151	154	152	151
Ohio.....	434	521	602	489	442	479	450	384
Oklahoma.....	52	69	67	65	78	92	84	82
Oregon.....	57	69	80	62	83	78	84	90
Pennsylvania.....	774	930	936	838	714	778	759	713
Rhode Island.....	64	79	99	71	80	88	84	73
South Carolina.....	25	43	43	39	29	33	30	40
Tennessee.....	270	356	430	350	351	323	321	287
Texas.....	178	203	280	252	272	271	317	270
Utah.....	31	43	40	35	37	44	39	36
Virginia.....	98	135	143	129	131	154	155	122
Washington.....	37	37	42	40	66	93	96	80
West Virginia.....	28	33	36	36	38	39	38	35
Wisconsin.....	1,180	1,661	1,956	1,170	2,367	2,263	2,062	1,844

¹ See secs. 5, p. 4, and 13, p. 8. The 492 establishments canvassed with the standard schedule reported wage earners, by months, as follows:

January.....	10,063	May.....	12,271	September.....	16,229
February.....	10,476	June.....	13,535	October.....	15,088
March.....	10,394	July.....	14,540	November.....	12,356
April.....	10,993	August.....	15,541	December.....	11,551

PIPES (TOBACCO)

[A preliminary report for this industry was issued on May 31, 1934]

Description of the industry.—The establishments classified in this industry are engaged primarily in the manufacture of tobacco pipes from brier, meerschaum, composition, corncobs, and clay, with mouthpieces of amber, rubber, celluloid, ivory, and other materials.

Extent of coverage.—All the establishments in this industry that reported at the census for 1931 were accounted for in the canvass for 1933.

SUMMARY FOR THE UNITED STATES: 1927 TO 1933

	Number of establishments	Number of salaried employees ^{1, 2}	Number of wage earners (average for the year)	Salaries ²	Wages	Cost of materials, containers, fuel, and purchased electric energy	Value of products	Value added by manufacture ³
<i>Thousands of dollars. (See sec. 25, p. 13)</i>								
<i>United States</i>								
1933.....	4 22	69	1, 362	128	1, 145	960	\$ 3, 274	2, 314
1931.....	4 24	(4)	1, 677	(6)	1, 761	1, 776	5, 522	3, 747
1929.....	24	257	1, 680	619	1, 961	1, 749	5, 558	3, 809
1927.....	23	210	1, 807	486	2, 279	2, 723	7, 274	4, 551

¹ Not including proprietors and firm members, as follows: 1933, 4; 1931, no data; 1929, 11; 1927, 17.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Arkansas, 0, 1; California, 1, 0; Illinois, 1, 1; Massachusetts, 2, 2; Missouri, 6, 8; New Jersey, 2, 2; New York, 9, 10; Ohio, 1, 0.

⁵ Includes \$6,260, value of miscellaneous commodities made as secondary products, and \$91,108, receipts for contract, custom, and repair work, reported by establishments classified in this industry, but does not include \$12,652, value of pipes, etc., made as secondary products in other industries. The total value of pipes, etc., made in 1933, regardless of the industry classifications of the establishments by which manufactured, were as follows: Brier pipes, \$2,746,690; corncob pipes, \$343,854; other pipes and pipe parts, \$55,448. Cigar and cigarette holders and parts to the value of \$43,143 were made by pipe manufacturers in 1933. Cigar and cigarette holders are also made by establishments classified in other industries, but are not separately reported.

⁶ No data.

STEAM AND OTHER PACKING, PIPE AND BOILER COVERING, AND GASKETS, NOT ELSEWHERE CLASSIFIED

Because of the close relation and the amount of overlapping between this industry and the "Asbestos products other than steam packing and pipe and boiler covering" industry, in Group 10, the reports for the two industries have been combined and are presented in the section for Group 10. (See pp. 399 to 401.)

TOBACCO MANUFACTURES

[Preliminary reports for these industries were issued on June 22, 1934, and subsequent dates]

Description of the industries.—The Tobacco Manufactures subgroup comprises three industries, as follows: "Cigars," "Cigarettes," and "Tobacco: chewing and smoking, and snuff." Prior to 1933, the manufacture of cigars and cigarettes was treated as a single industry, but at the present census these two lines of manufacture are classified separately. The census does not cover tobacco curing and stemming plants, nor establishments engaged solely in packing tobacco.

State figures for 1931 withheld.—Because, as explained above, manufacturers of cigars and manufacturers of cigarettes are now classified in separate industries, the 1931 figures for States must be withheld to avoid disclosing data for individual establishments. To illustrate: 48 establishments reported the manufacture of cigars and cigarettes in Illinois in 1931, as shown in the report published for that year. If separate statistics were now published for the 47 establishments manufacturing cigars in Illinois in 1931, it would make it possible to ascertain, by subtraction, exactly the data reported by the one cigarette manufacturer in that State. It thus becomes necessary to withhold the figures for 1931 for the most important States, and consequently no State figures are given for that year.

Extent of coverage.—All the establishments in the "Tobacco, chewing and smoking, and snuff" industry that reported at the census for 1931 were accounted for in the canvass for 1933. Of the 1,103 cigar and cigarette manufacturers that reported for 1931, 51, or 4.6 percent, failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933, but these accounted for only a small fraction of 1 percent of the total number of wage earners and of the total value of products reported for 1931 by all manufacturers of cigars and cigarettes.

Number of establishments.—The numbers of establishments shown in the Census report fall below the corresponding numbers given in the report of the Commissioner of Internal Revenue, the differences being due to the following causes: (1) On the records of the Bureau of Internal Revenue the same establishment may appear two or more times—for example, as manufacturing cigars, as manufacturing cigarettes, and as manufacturing chewing tobacco—whereas for census purposes such an establishment would make only one report and would be classified according to its product of chief value. (2) A separate report is required by the Bureau of Internal Revenue for each plant or factory, whereas in compiling the census returns two or more factories operated under the same ownership in the same city, town, or village are treated as a single establishment. (3) Every dealer in scrap tobacco is required to register with the Bureau of Internal Revenue, whereas the manufactures-census statistics do not include data for dealers. (4) Growers of perique tobacco are required by the Bureau of Internal Revenue to register as manufacturers of tobacco, but are not covered by the Census of Manufactures. (5) A con-

siderable number of manufacturers registered for taxation purposes made products valued at less than \$5,000, and therefore were not covered by the Census of Manufactures. (See sec. 8*d*, p. 6.)

Inclusion of internal-revenue tax in cost of materials and value of products.—All branches of tobacco manufacture are subject to internal-revenue taxation. Tobacco manufacturers were directed, in preparing returns for the Census, to report the total selling value of all products manufactured during the year, including the total internal-revenue tax paid on these products. The amounts of such taxes have also been included in the cost of materials for 1933 and 1931, but were not thus included for prior years. The inclusion of the internal-revenue tax data in both the cost of materials and the value of products makes possible the calculation of the true value added by manufacture (value of products less cost of materials, fuel, etc.—i. e., the value actually created by the manufacturing processes) for 1933 and 1931; but since the amounts of internal-revenue tax paid during the preceding census years were not separately reported to the Bureau of the Census (except in part for 1929), it is impossible to calculate comparable figures for value added by manufacture for years prior to 1931.

As stated above, a separate report is required by the Bureau of Internal Revenue for each plant or factory making a particular product, whereas for census purposes each establishment is classified as a whole according to its product of chief value. For example: An establishment classified in the cigar industry by the Bureau of the Census might manufacture 10,000,000 cigars and 100,000 pounds of tobacco during the year, in which case all figures in the report, including the item for internal-revenue tax, would be tabulated for the cigar industry, whereas the Bureau of Internal Revenue would tabulate separately the tax on the cigars and the tax on the tobacco. The amount of internal-revenue tax paid in 1933 by establishments classified in the cigar and cigarette industries includes \$21,470,000 for manufactured tobacco, whereas the amount of tax paid on cigars and cigarettes by tobacco manufacturers was very much smaller. (Exact data for this amount are not available, however.) The annual report of the Commissioner of Internal Revenue shows separately the value of stamps used in connection with the manufacture of cigars, of cigarettes, of tobacco, and of snuff during the calendar year 1933, whereas the Census figures on cost of materials and value of products for 1933 include the tax paid on the products manufactured in the cigar, cigarette, and tobacco and snuff industries, respectively. A further cause—of minor importance, however—of the differences between the two sets of figures is the fact that the internal-revenue figures include the tax paid by manufacturers of products valued at less than \$5,000. (See final sentence under "Number of establishments," above.)

TABLE I.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

	Number of establishments	Number of salaried employes ¹ 2	Number of wage earners (average for the year)	Salaries ¹	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture ³
<i>Thousands of dollars. (See sec. 25, p. 13)</i>								
CIGARS								
<i>United States</i>								
1933.....	665	1,637	54,558	2,802	30,061	472,589	139,372	66,783
1931.....	1,063	(⁹)	68,132	(⁹)	46,074	4119,295	227,349	108,054
1929.....	1,587	(⁹)	84,166	(⁹)	67,222	138,354	311,664	(⁷)
1927.....	1,960	(⁹)	94,556	(⁹)	76,470	148,014	338,967	(⁷)
<i>States, 1933</i>								
California.....	15	18	601	28	382	811	1,543	732
Colorado.....	3	2	25	(⁹)	14	18	40	22
Connecticut.....	24	8	464	21	342	392	876	484
Florida.....	42	233	8,418	385	5,084	8,176	17,810	9,634
Illinois.....	47	20	371	18	239	373	780	407
Indiana.....	14	49	1,591	89	564	1,179	2,527	1,348
Iowa.....	4	14	39	14	36	61	120	59
Louisiana.....	7	20	922	49	418	823	1,572	749
Maine.....	4	5	57	3	42	61	116	55
Maryland.....	11	9	264	23	113	227	389	161
Massachusetts.....	25	24	513	37	341	583	1,731	848
Michigan.....	20	80	2,893	138	1,870	3,540	6,556	3,016
Missouri.....	9	10	385	13	172	318	589	271
Nebraska.....	3	2	16	(⁹)	8	21	41	21
New Jersey.....	30	233	5,969	454	3,371	9,916	18,983	9,068
New York.....	115	171	3,744	323	2,682	4,756	11,034	6,278
Ohio.....	44	55	2,696	86	1,208	2,815	5,346	2,581
Pennsylvania.....	181	502	17,526	707	9,828	26,662	49,461	22,799
Wisconsin.....	32	5	296	3	198	290	585	285
Other States ¹⁰	35	177	7,718	410	4,149	11,265	19,272	8,007
CIGARETTES								
<i>United States</i>								
1933.....	27	1,272	22,544	4,356	13,835	4503,560	637,776	134,216
1931.....	40	(⁹)	20,146	(⁹)	14,664	4555,049	759,389	204,340
1929.....	49	(⁹)	21,142	(⁹)	18,401	218,424	755,245	(⁷)
1927.....	37	(⁹)	21,618	(⁹)	18,119	187,342	626,557	(⁷)
<i>States, 1933</i>								
North Carolina.....	4	736	14,899	3,317	8,934	290,278	378,875	88,597
Other States ¹⁰	23	536	7,645	1,038	4,901	213,282	258,901	45,619
TOBACCO: CHEWING AND SMOKING, AND SNUFF								
<i>United States</i>								
1933.....	112	556	10,223	1,254	7,037	482,946	131,935	48,988
1931.....	125	(⁹)	11,441	(⁹)	8,673	4111,158	169,113	57,955
1929.....	152	1,053	10,811	3,282	8,955	72,494	179,383	(⁷)
1927.....	159	1,314	13,125	3,521	10,661	85,310	198,245	(⁷)
<i>States</i>								
Indiana:								
1933.....	6	—	15	—	12	49	101	52
1931.....	7	(⁹)	26	(⁹)	27	85	138	53
Iowa:								
1933.....	4	—	15	—	10	29	66	37
1931.....	5	(⁹)	18	(⁹)	12	72	97	25
New York:								
1933.....	9	—	55	—	51	261	531	270
1931.....	10	(⁹)	61	(⁹)	58	418	669	251

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

	Number of establishments	Number of salaried employees ^{1,2}	Number of wage earners (average for the year)	Salaries ²	Wages	Cost of materials, containers, fuel, and purchased electric energy	Value of products	Value added by manufacture ³
TOBACCO: CHEWING AND SMOKING, AND SNUFF—continued								
<i>States—Continued</i>								
Pennsylvania:								
1933.....	19	20	380	31	236	1,841	3,492	1,651
1931.....	19	(⁴)	269	(⁵)	244	2,632	4,234	1,603
Virginia:								
1933.....	5	107	1,722	216	960	10,342	18,552	8,240
1931.....	5	(⁶)	1,798	(⁶)	951	10,763	18,905	8,142
Other States:¹¹								
1933.....	69	429	8,037	1,007	5,760	70,425	109,162	38,737
1931.....	79	(⁶)	9,269	(⁶)	7,381	97,188	145,070	47,881

¹ Not including proprietors and firm members, as follows: Cigars—1933, 521; 1931, no data; 1929 and 1927, not tabulated separately; Cigarettes—1933, 3; 1931, no data; 1929 and 1927, not tabulated separately; Tobacco: Chewing and smoking, and snuff—1933, 82; 1931, no data; 1929, 117; 1927, 109.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ Cost of materials includes cost of internal-revenue stamps, as follows: Cigars—1933, \$8,599,426; 1931, \$15,534,464. Cigarettes—1933, \$356,209,538; 1931, \$362,207,186. Tobacco: Chewing and smoking, and snuff—1933, \$36,033,593; 1931, \$44,284,926. See "Inclusion of internal-revenue tax in cost of materials and value of products," p. 654.

⁵ No data.

⁶ Not tabulated separately.

⁷ No comparable figures. See "Inclusion of internal-revenue tax in cost of materials and value of products," p. 654.

⁸ Withheld to avoid disclosing compensation of individual employees; included in item for "Other States."
⁹ Ga., 3 establishments; Kans., 1; Ky., 6; Minn., 5; Mont., 1; N. H., 2; N. C., 2; Oreg., 1; R. I., 2; S. C., 2; Tenn., 1; Tex., 1; Utah, 1; Va., 2; W. Va., 5.

¹⁰ Calif., 2 establishments; Ill., 1; Ky., 3; Mass., 1; Mo., 1; N. J., 2; N. Y., 8; Pa., 1; Va., 4.

¹¹ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Calif., 2, 2; Conn., 1, 1; Del., 1, 1; Ill., 6, 9; Ky., 11, 13; La., 1, 1; Mass., 4, 4; Mich., 3, 3; Minn., 1, 1; Mo., 5, 5; N. J., 3, 3; N. C., 3, 3; Ohio, 14, 16; R. I., 0, 1; Tenn., 9, 11; Tex., 1, 1; W. Va., 1, 1; Wis., 3, 3.

TABLE 2.—PRODUCTS, BY KIND AND VALUE: 1933, 1931, AND 1929

	1933	1931	1929
Tobacco industries, all products, aggregate value.....	\$909,082,316	\$1,155,851,190	\$1,246,241,839
Cigars.....	138,154,986	226,004,878	309,327,032
Cigarettes.....	554,507,000	672,652,372	668,243,257
Chewing and smoking tobacco.....	185,781,200	223,109,568	232,607,120
Snuff.....	29,133,313	31,448,713	32,479,248
All other products.....	1,505,817	2,635,659	3,585,182
Cigars and cigarettes industries, all products, total value.....	777,147,750	986,738,067	1,066,908,838
Cigars.....	138,154,986	225,886,562	309,210,900
Cigarettes.....	553,262,702	670,599,155	668,035,126
Chewing and smoking tobacco.....	84,897,459	89,429,574	87,917,300
All other products.....	832,603	822,776	1,745,562
"Tobacco: Chewing and smoking, and snuff" industry, all products, total value.....	131,034,566	169,113,123	179,332,951
Cigars.....	(¹)	118,316	116,132
Cigarettes.....	1,244,298	2,053,217	208,131
Chewing and smoking tobacco.....	100,883,741	133,679,994	144,689,320
Snuff.....	29,133,313	31,448,713	32,479,248
All other products.....	673,214	1,812,883	1,839,620

¹ None reported.

TABLE 3.—WAGE EARNERS, BY MONTHS, FOR THE CIGARETTES INDUSTRY, FOR SELECTED STATES: 1933

[For average for the year, see table 1. The month of maximum employment is indicated by bold-faced figures and that of minimum employment by *italic* figures. See sec. 26, p. 13]

	NUMBER REPORTED FOR—											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
United States...	22,805	21,750	20,568	<i>20,544</i>	21,938	22,221	22,013	23,232	23,750	24,045	23,985	23,673
<i>States</i>												
Kentucky.....	4,250	3,714	3,491	3,257	3,226	3,243	<i>3,157</i>	3,273	3,510	3,523	3,572	3,500
New York.....	181	183	<i>150</i>	152	161	<i>150</i>	159	158	160	163	169	163
North Carolina..	14,211	13,855	13,730	<i>13,713</i>	14,062	14,813	14,803	15,536	15,777	16,010	15,894	15,736
Virginia.....	3,237	3,135	<i>2,370</i>	2,585	2,950	3,016	2,957	3,277	3,333	3,342	3,348	3,281

TABLE 4.—WAGE EARNERS, BY QUARTERS, FOR THE CIGARS INDUSTRY, FOR SELECTED STATES: 1933

The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8.) See sec. 26, p. 13]

	1933 ¹					1933 ¹			
	Mar.	June	Sept.	Dec.		Mar.	June	Sept.	Dec.
United States....	50,059	54,958	58,485	55,843	<i>States—con.</i>				
<i>States</i>					Maine.....	44	69	68	48
California.....	578	670	628	682	Maryland.....	189	266	204	340
Colorado.....	21	37	15	27	Massachusetts..	433	547	572	525
Connecticut.....	338	466	510	493	Michigan.....	2,740	2,859	2,948	3,011
Florida.....	8,163	8,999	9,417	7,814	Minnesota.....	162	123	192	193
Georgia.....	138	148	197	199	Missouri.....	346	402	427	380
Illinois.....	302	402	397	391	Nebraska.....	13	14	19	17
Indiana.....	1,689	1,618	1,670	1,518	New Jersey.....	5,769	5,839	6,703	6,406
Iowa.....	57	118	99	83	New York.....	3,883	3,638	3,804	3,657
Kentucky.....	1,735	1,849	1,999	1,985	Ohio.....	2,313	2,853	2,547	2,547
Louisiana.....	943	945	851	848	Pennsylvania..	15,316	17,347	18,910	18,463
					West Virginia..	638	687	818	739
					Wisconsin.....	243	307	327	303

¹ See sec. 5, p. 4, and 13, p. 8. The 245 establishments canvassed with the standard schedule reported wage earners, by months, as follows:

January.....	38,293	May.....	41,083	September.....	46,049
February.....	41,419	June.....	43,044	October.....	46,719
March.....	39,592	July.....	43,779	November.....	46,551
April.....	38,061	August.....	44,880	December.....	43,377

TABLE 5.—WAGE EARNERS, BY QUARTERS, FOR THE "TOBACCO: CHEWING AND SMOKING, AND SNUFF" INDUSTRY, FOR SELECTED STATES: 1933 AND 1931

(The average for the year (table 1) differs from the average of the quarterly figures below (see fourth sentence, sec. 13, p. 8). See sec. 26, p. 13)

	1933 ¹				1931			
	March	June	September	December	March	June	September	December
United States.....	10,233	10,159	10,169	10,429	10,479	10,735	12,792	12,215
<i>States</i>								
Illinois.....	650	660	633	678	699	713	693	701
Indiana.....	16	15	15	15	26	26	24	27
Iowa.....	16	15	14	14	18	19	19	18
Kentucky.....	819	850	861	887	1,443	1,755	3,679	2,849
Massachusetts.....	24	23	22	22	26	25	25	26
Michigan.....	394	403	421	422	368	389	406	413
Missouri.....	1,555	1,525	1,522	1,521	1,671	1,676	1,636	1,645
New Jersey.....	351	348	384	375	366	370	374	368
New York.....	53	53	56	56	61	62	61	61
North Carolina.....	1,319	1,289	1,337	1,325	1,306	1,311	1,446	1,381
Ohio.....	1,511	1,528	1,611	1,608	1,098	1,074	1,099	1,104
Pennsylvania.....	401	368	392	358	264	257	264	319
Tennessee.....	950	864	884	986	972	895	892	902
Virginia.....	1,847	1,884	1,609	1,800	1,786	1,768	1,783	2,014
Wisconsin.....	12	15	15	15	22	22	19	19

¹ See secs. 5, p. 4, and 13, p. 8. The 37 establishments canvassed with the standard schedule reported wage earners, by months, as follows:

January.....	9,233	May.....	8,834	September.....	8,806
February.....	9,082	June.....	8,809	October.....	9,013
March.....	8,896	July.....	8,550	November.....	8,875
April.....	8,546	August.....	8,724	December.....	9,061

TOYS (NOT INCLUDING CHILDREN'S WHEEL GOODS OR SLEDS), GAMES, AND PLAYGROUND EQUIPMENT CARRIAGES AND SLEDS, CHILDREN'S

[A preliminary report for these industries was issued on Oct. 29, 1934]

Description of the industries.—The “Toys (not including children’s wheel goods or sleds), games, and playground equipment” industry embraces establishments engaged primarily in the manufacture of all classes of toys; all children’s games, and games for adults except those classified as sporting and athletic goods and those played with ordinary playing cards; conjuring apparatus, puzzles, tricks, etc.; and playground equipment. The establishments classified in the “Carriages and sleds, children’s” industry are engaged in the manufacture of children’s wheel goods (express wagons, velocipedes and tricycles, baby and doll carriages, go-carts, etc.) and children’s sleds.

Extent of coverage.—For a variety of reasons, including the numerous industrial changes in progress during the period, all of which were beyond the Census Bureau’s control, the canvass of the “Toys, games, and playground equipment” industry was not quite complete. Of the 380 establishments which had reported in this industry in the 1931 census, 32, which had accounted for approximately 3 percent of the industry’s employment and production totals as recorded in that census, failed to supply any information in regard to their status (active, idle, etc.) or their activities in 1933. In the “Children’s carriages and sleds” industry, however, the coverage was practically complete. Only 1 establishment in this industry which had reported for 1931 failed to supply information in regard to its activities in 1933, and this establishment accounted for only one-half of 1 percent of the total number of wage earners and of the total value of products reported for 1931.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931

[See sec. 26, p. 13]

	Number of establishments	Number of salaried employees ¹	Number of wage earners (average for the year)	Salaries ²	Wages	Cost of materials, fuel, and purchased electric energy	Value of products	Value added by manufacture ³
THE GROUP AS A WHOLE								
<i>United States</i>								
1933.....	331	1,699	16,455	2,388	11,755	22,790	48,206	25,417
1931.....	439	(⁴)	17,390	(⁴)	16,859	28,605	70,370	41,765
1929.....	555	3,282	23,762	8,736	25,974	43,496	103,647	60,151
1927.....	486	2,818	21,768	7,065	23,357	39,701	92,624	52,923
TOYS (NOT INCLUDING CHILDREN'S WHEEL GOODS OR SLEDS), GAMES, AND PLAYGROUND EQUIPMENT								
<i>United States</i>								
1933.....	235	1,390	12,484	1,976	8,877	17,119	37,222	20,103
1931.....	380	(⁴)	13,231	(⁴)	12,380	21,515	53,601	32,086
1929.....	476	2,490	16,660	6,776	17,661	29,982	74,829	44,847
1927.....	397	2,060	14,738	5,307	15,543	25,805	63,956	38,150
<i>States</i>								
California:								
1933.....	8	9	15	6	14	26	77	51
1931.....	10	(⁴)	53	(⁴)	43	82	229	147
Connecticut:								
1933.....	11	92	796	138	635	936	2,341	1,405
1931.....	13	(⁴)	853	(⁴)	847	963	3,167	2,204
Illinois:								
1933.....	23	102	1,225	236	879	1,363	3,790	2,427
1931.....	24	(⁴)	1,234	(⁴)	1,242	1,514	4,913	3,399
Indiana:								
1933.....	7	37	504	45	297	481	1,060	579
1931.....	12	(⁴)	477	(⁴)	408	747	1,628	881
Maryland:								
1933.....	6	14	154	15	97	211	467	257
1931.....	5	(⁴)	162	(⁴)	135	279	611	332
Massachusetts:								
1933.....	22	205	1,538	355	1,124	2,247	4,941	2,694
1931.....	28	(⁴)	1,580	(⁴)	1,371	2,922	6,508	3,585
New Hampshire:								
1933.....	4	9	87	12	59	97	193	96
1931.....	5	(⁴)	106	(⁴)	82	70	276	206
New Jersey:								
1933.....	17	149	1,426	201	903	1,605	3,829	2,224
1931.....	17	(⁴)	1,275	(⁴)	1,312	1,736	5,264	3,528
New York:								
1933.....	104	302	2,324	424	1,837	4,733	9,058	4,326
1931.....	147	(⁴)	3,121	(⁴)	3,254	7,289	16,087	8,798
Ohio:								
1933.....	25	120	1,305	150	977	1,643	3,356	1,713
1931.....	37	(⁴)	1,259	(⁴)	1,012	2,027	4,807	2,780
Pennsylvania:								
1933.....	23	127	1,693	157	976	1,760	3,529	1,769
1931.....	27	(⁴)	1,351	(⁴)	1,074	1,770	4,083	2,313
Rhode Island:								
1933.....	3	2	12	(⁴)	6	19	34	15
1931.....	6	(⁴)	27	(⁴)	21	37	91	53
Wisconsin:								
1933.....	5	17	138	14	82	161	365	204
1931.....	5	(⁴)	93	(⁴)	79	167	468	301
Other States: ⁵								
1933.....	27	145	1,269	221	991	1,838	4,181	2,344
1931.....	44	(⁴)	1,635	(⁴)	1,499	1,912	5,471	3,559

For footnotes, see end of table.

TABLE 1.—SUMMARY FOR THE UNITED STATES, 1927 TO 1933, AND FOR STATES, 1933 AND 1931—Continued

[See sec. 26, p. 13]

	Number of establishments	Number of salaried employees ¹ ?	Number of wage earners (average for the year)	Salaries ²	Wages	Cost of materials, containers, fuel, and purchased electric energy	Value of products	Value added by manufacture ³
CARRIAGES AND SLEDS, CHILDREN'S								
<i>United States</i>								
1933.....	46	309	3,971	413	2,877	5,671	10,985	5,314
1931.....	59	(⁴)	4,159	(⁴)	4,479	7,091	16,769	9,679
1929.....	79	792	7,102	1,961	8,313	13,515	28,818	15,303
1927.....	89	758	7,030	1,758	7,814	13,895	28,668	14,773
<i>States</i>								
Indiana:								
1933.....	3	16	149	16	83	170	346	176
1931.....	4	(⁴)	109	(⁴)	89	125	271	145
Massachusetts:								
1933.....	11	81	1,030	109	754	1,491	3,017	1,526
1931.....	11	(⁴)	1,262	(⁴)	1,287	2,278	4,995	2,718
New York:								
1933.....	10	38	240	39	200	544	995	451
1931.....	10	(⁴)	276	(⁴)	336	718	1,469	751
Pennsylvania:								
1933.....	5	16	148	24	73	115	251	136
1931.....	5	(⁴)	197	(⁴)	186	369	713	345
Other States: ⁷								
1933.....	17	158	2,404	225	1,767	3,351	6,376	3,025
1931.....	29	(⁴)	2,315	(⁴)	2,581	3,601	9,321	5,720

¹ Not including proprietors and firm members, as follows: The group as a whole—1933, 144; 1931, no data; 1929, 238; 1927, 246; Toys, games, and playground equipment—1933, 135; 1931, no data; 1929, 283; 1927, 222. Children's carriages and sleds—1933, 9; 1931, no data; 1929, 15; 1927, 24.

² The figures for 1933 do not include data for number and compensation of salaried officers of corporations, and therefore are not strictly comparable with the corresponding figures for 1929 and 1927, in which such data are included. No data for employees of central administrative offices are included in the figures for any year.

³ Value of products less cost of materials, containers, fuel, and purchased electric energy. See sec. 20, p. 11.

⁴ No data.

⁵ Withheld to avoid disclosing compensation of individual employees; included in figure for "Other States."

⁶ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ark., 0, 1; Colo., 1, 1; Ga., 1, 1, Iowa, 1, 2; Kans., 2, 2; Ky., 1, 1; Me., 3, 5; Mich., 3, 8; Minn., 3, 6; Mo., 6, 6; N. C., 0, 1; Okla., 1, 1; Oreg., 1, 1; Tenn., 1, 1; Tex., 0, 1; Vt., 1, 3; Wash., 0, 1; W. Va., 2, 2.

⁷ States included and numbers of establishments reporting for 1933 and 1931, respectively, are: Ala., 0, 1; Conn., 1, 3; Ill., 3, 6; Iowa, 0, 1; Md., 1, 1; Mich., 1, 2; Minn., 2, 2; Mo., 2, 2; N. J., 1, 1; Ohio, 3 (operating 6 plants), 6; Vt., 1, 1; Wis., 2, 3.

TABLE 2.—PRODUCTS, BY KIND, NUMBER, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929

	NUMBER IN THOUSANDS ¹			VALUE IN THOUSANDS OF DOLLARS ¹		
	1933	1931	1929	1933	1931	1929
1. "Toys, games, and playground equipment" and "Carriages and sleds, children's" industries, all products, total value.....				48,206	70,370	103,647
2. Toys, games, and playground equipment and children's carriages and sleds.....				43,436	62,385	93,536
3. Other products (not normally belonging to the industries).....				4,497	7,804	9,874
4. Receipts for repair work.....				49	181	236
5. Toys, games, playground equipment, miscellaneous products, and repair work, not reported separately (on abbreviated schedule) ²				225		
6. Toys, games, etc., and children's vehicles, made as secondary products in other industries.....				8,253	10,925	19,085
Toys, games, etc., and children's vehicles, aggregate value (2 and 6).....				51,689	73,310	112,621
Toys, games, and playground equipment, total.....				39,084	56,666	83,115
Dolls, total.....				5,297	8,958	12,398
Number reported.....	7,066	11,184	15,152	4,535	8,256	12,398
Number not reported.....				763	701	
Doll parts.....				819	2,295	2,912
Doll clothes.....				272	547	670
Stuffed toy animals.....				978	1,311	1,883
Metal toys other than mechanical.....				8,140	10,230	13,641
Mechanical toys propelled by springs or by electricity, total.....				3,926	5,492	7,889
Trains, total.....				1,770	3,304	4,309
Number reported.....	975	683		1,761	1,081	
Number not reported.....				9	2,223	4,309
Airplanes, total.....				52	90	3,580
Number reported.....	211	815		38	88	
Number not reported.....				14	2	(³)
Other.....				2,105	2,098	
Airplanes other than mechanical, total.....				251	568	(³)
Number reported.....	3,347			234		
Number not reported.....				17	568	
Wooden toys.....				2,682	5,740	6,575
Rubber toy balloons ⁴				996	2,725	3,091
Rubber toys other than balloons ⁴				2,494	2,630	3,966
Structural toy sets.....				207	976	(³)
Toy furniture.....				819	1,421	3,485
Toys not specified above (including paper toys), parts made for sale as such, and games.....				10,455	10,037	16,237
Playground equipment.....				601	3,145	6,822
Toys not reported by kind.....				1,145	590	3,545
Children's carriages and other wheel goods, total.....				12,605	16,644	29,506
Baby carriages, go-carts, strollers, and sulkies, total.....				3,791	5,691	9,051
Number reported.....	269	391	596	2,564	4,111	7,172
Number not reported.....				1,227	1,580	1,879
Doll carriages and doll carts, total.....				1,600	1,907	3,670
Number reported.....	636	770	1,308	1,381	1,847	3,504
Number not reported.....				218	60	166
Velocipedes and tricycles.....	1,030	667	905	2,656	2,801	4,696
Sidewalk cycles.....	35	75	80	257	646	730
Children's automobiles, total.....				561	627	1,021
Number reported.....	108	145	205	539	607	1,021
Number not reported.....				23	20	

For footnotes, see end of table.

TABLE 2.—PRODUCTS, BY KIND, NUMBER, AND VALUE, FOR THE UNITED STATES: 1933, 1931, AND 1929—Continued

	NUMBER IN THOUSANDS ¹			VALUE IN THOUSANDS OF DOLLARS ¹		
	1933	1931	1929	1933	1931	1929
Toys, games, etc.—Continued.						
Children's carriages and other wheel goods—Continued.						
Children's wagons (coaster, express, and play), total.....				1,855	1,887	4,008
Number reported.....	1,905	1,349	1,807	1,855	1,804	3,842
Number not reported.....					84	166
Scooters.....	211	168	471	197	227	656
Three-wheel play cars.....	167	206	580	175	258	966
Baby walkers and tenders.....	216	249	332	394	618	788
Sleds, total.....				541	801	872
Number reported.....	321	532	629	280	503	617
Number not reported.....				261	298	255
Children's wheelbarrows.....	(²)	294	(²)	(²)	83	(²)
Children's wheel goods not reported by kind.....				151	456	2,112
Parts of children's wheel goods, made for sale as such.....				427	642	936

¹ See sec. 25, p. 13.

² See sec. 5c, p. 4.

³ No data.

⁴ The production of toy balloons was reported solely, and that of other rubber toys mainly, by establishments in the rubber-products group of industries, which embraces all establishments using crude rubber as their principal material.

TABLE 3.—TOYS, GAMES, AND PLAYGROUND EQUIPMENT—WAGE EARNERS, BY QUARTERS, FOR SELECTED STATES: 1933 AND 1931

[The average for the year (table 1) differs from the average of the quarterly figures below. (See fourth sentence, sec. 13, p. 8.) See sec. 26, p. 13.]

	1933 ¹				1931			
	March	June	Sept.	Dec.	March	June	Sept.	Dec.
United States.....	7,852	11,486	17,243	12,798	11,533	12,318	15,819	13,589
<i>States</i>								
California.....	29	9	19	17	35	48	67	34
Connecticut.....	636	723	974	882	855	842	876	789
Illinois.....	733	1,061	1,999	1,314	1,096	1,223	1,299	1,196
Indiana.....	267	517	814	521	378	514	594	418
Maine.....	29	51	172	31	295	298	318	269
Maryland.....	105	161	203	131	97	147	212	227
Massachusetts.....	1,549	1,426	1,821	1,202	1,649	1,441	1,717	1,283
Michigan.....	241	266	613	355	409	428	607	431
Minnesota.....	71	68	68	72	98	93	101	90
Missouri.....	183	352	785	578	332	212	389	465
New Hampshire.....	71	80	132	71	101	95	101	127
New Jersey.....	600	1,585	2,194	1,792	971	1,422	1,531	1,536
New York.....	1,808	2,289	2,419	2,445	2,279	2,699	4,212	3,671
Ohio.....	620	1,296	2,069	1,115	1,218	1,180	1,380	1,192
Pennsylvania.....	1,139	1,311	2,411	1,852	1,074	1,212	1,742	1,432
Rhode Island.....	8	7	13	18	27	24	26	36
Wisconsin.....	46	75	264	188	75	71	113	72

¹ See sec. 5, p. 4, and 13, p. 8. The 213 establishments canvassed with the standard schedule reported wage earners, by months, as follows:

January.....	6,347	May.....	8,456	September.....	16,670
February.....	7,614	June.....	11,048	October.....	19,057
March.....	7,493	July.....	13,860	November.....	17,820
April.....	7,176	August.....	16,629	December.....	12,335