KNIT GOODS

[eliminary reports for the industry were issued under the following titles and dates: Hosiery, February , 1929; Knitted outerwear, March 23, 1929; Knit underwear, April 16, 1929; Knit cloth, April 16 1929]

Description of the industry.—The classification "Knit goods" embraces all ;ablishments whose principal products are made by machine knitting, without ;ard to whether the yarns used are of cotton, of wool, of silk, or of other ma-'ial. The knitting machinery employed is, in the main, power driven, although 'ew hand machines are in use.

Branches of the industry.—The industry embraces four classes of establish-ɪnts, those whose chief products are (1) hosiery, (2) underwear, (3) outerwear, ı knit cloth, and each establishment as a whole has been assigned to one branch another, according to the character of its principal products.

Some overlapping occurs among these branches. For example, of the total of 40,572,650 representing the combined value of hosiery made in the industry as a ıole, $7,405,880 was reported by establishments classified in the underwear, terwear, and knit-cloth branches. (See Table 10.) Moreover, most of the ;ablishments manufacture some minor products not normally belonging to the lustry. (See item 9, first section of Table 6.) For these reasons the total lues of the several classes of products, as given in Table 6, are not identical with ɜ total values of all products reported by the establishments assigned to the rresponding branches of the industry, as given, for example, in Table 10.

.BLE 1.—SUMMARY FOR THE KNIT-GOODS INDUSTRY, FOR THE UNITED STATES: 1919 TO 1927

[ıta for establishments with products under $5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 6]

EAR OR 'ERIOD	Number of establishments	Wage earners (average for the year)	Wages	Paid for contract work	Cost of materials, supplies, containers for products, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
7	1,869	190,283	$188,163,458	$11,161,256	$424,099,384	$816,620,494	$392,521,110	177,216
5	1,987	186,668	168,682,840	15,721,928	453,925,780	809,960,213	356,034,433	176,630
3	2,323	194,244	168,271,584	20,683,400	484,020,075	848,176,734	364,156,659	183,675
1	2,078	161,880	132,190,349	9,075,066	360,457,833	634,073,895	273,616,062	(2)
9	2,050	172,572	125,199,820	8,495,982	427,095,570	713,139,689	286,044,119	149,438
	PER CENT OF INCREASE OR DECREASE (—)							
5-1927	—5.9	1.9	11.5	—29.0	—6.6	0.8	10.2	0.3
3-1925	—14.5	—3.9	.2	—24.0	—6.2	—4.5	—2.2	—3.8
3-1927	—19.5	—2.0	11.8	—46.0	—12.4	—3.7	7.8	—3.5
9-1927	—8.8	10.3	50.3	31.4	—.7	14.5	37.2	18.6

[1] Value of products less cost of materials, supplies, containers for products, fuel, and power. (See secs. and 21, pp. 9 and 10.)

[2] Not called for on schedule.

TABLE 2.—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE KNIT-GOODS INDUSTRY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
		Horse-power		*Horse-power*		*Horse-power*
Prime movers, total	31,471	177,216	25,223	176,630	26,235	183,675
Steam engines	380	57,254	394	60,184	} 520	80,673
Steam turbines	27	6,919	29	12,262		
Internal-combustion engines	22	1,000	33	3,069	51	1,646
Water wheels and turbines	98	10,767	116	12,568	137	15,053
Electric motors driven by purchased current	30,944	101,276	24,651	88,547	25,527	86,303
Electric motors, total	38,445	129,973	32,610	127,932	33,015	123,624
Driven by purchased current	30,944	101,276	24,651	88,547	25,527	86,303
Driven by current generated in establishment reporting	7,501	28,697	7,959	39,385	7,488	37,321
		Kilowatts		*Kilowatts*		*Kilowatts*
Electric generators	261	30,226	269	34,649	(1)	(1)

[1] Not called for on schedule.

TABLE 3.—PRINCIPAL MATERIALS USED IN THE KNIT-GOODS INDUSTRY, BY KIND AND QUANTITY: 1909 TO 1927

[No data for materials tabulated for 1923 and 1921]

KIND	QUANTITY (POUNDS)				
	1927	1925	1919	1914	1909
Cotton, total	66,771,576	66,068,116	93,050,318	88,390,208	75,416,023
Domestic	66,4[illegible],396	65,561,506	92,446,380	86,202,432	71,986,529
Foreign	354,180	506,610	603,938	2,187,776	3,429,494
Wool:					
In condition in which purchased, total	4,909,056	6,222,931	4,518,068	6,947,598	7,068,788
Domestic	4,124,811	4,845,911	3,706,825	5,735,395	6,596,081
Foreign	784,245	1,377,020	811,243	1,212,203	472,707
Equivalent in scoured condition	4,215,413	4,213,014	4,116,365	6,072,257	5,582,839
Raw silk	8,023,195	4,921,127	1,265,568	1,590,162	(1)
Cotton waste	21,490,118	21,249,739	24,832,027	24,303,514	(1)
Silk waste and noils	685,171	125,204	(1)	(1)	(1)
Wool waste and noils	8,981,918	9,983,827	5,025,522	5,946,337	8,586,261
Recovered wool fiber	4,393,938	3,414,632	5,367,065	3,453,682	7,482,553
Yarns, purchased:					
Cotton, not mercerized	157,762,735	155,899,349	186,892,109	189,851,716	} 216,987,611
Cotton, mercerized	52,917,187	67,043,700	30,519,234	15,672,427	
Woolen	7,029,463	10,352,910	5,383,926	7,145,453	6,140,265
Worsted	28,280,425	24,546,360	12,635,631	14,305,333	10,370,004
Woolen and cotton mixed	5,112,689	} 10,090,462	6,965,256	4,333,309	4,014,609
Worsted and cotton mixed	3,092,059				
Silk, thrown or spun	11,537,459	8,789,521	5,711,110	1,913,478	982,753
Rayon	36,580,505	23,679,599	4,153,546	1,257,243	(1)
Other yarns [2]	2,425,238	790,624	288,009	70,278	241,754

[1] Not called for on schedule.
[2] Chiefly silk and rayon and worsted and rayon mixtures.

TABLE 4.—PRINCIPAL MATERIALS USED IN THE KNIT-GOODS INDUSTRY, BY STATES: 1927, 1925, AND 1919

[This table presents statistics for the States for which separate figures can be given without disclosing data reported by individual establishments. Some of the "Other States," however, reported larger quantities of certain materials used than some of the States shown separately. No data for materials were tabulated for 1923 and 1921]

MATERIAL AND STATE	QUANTITY (POUNDS)		
	1927	1925	1919
Cotton, raw	66,771,576	66,068,116	93,050,318
Georgia	7,635,952	6,963,794	7,950,262
New York	19,364,406	21,002,226	34,604,413
Pennsylvania	1,942,204	1,662,767	963,824
Tennessee	22,784,744	14,370,262	9,258,751
Other States	15,044,270	22,069,067	40,273,068
Cotton waste	21,490,118	21,249,739	24,832,027
Connecticut	682,516	573,250	381,895
New York	15,580,139	16,860,817	20,778,984
Other States	5,227,463	3,815,672	3,671,148
Wool:			
In condition in which purchased	4,909,056	6,222,931	4,518,068
Massachusetts	244,919	64,526	534,068
New York	2,259,403	3,737,691	1,354,405
Pennsylvania	634,607	563,957	1,113,994
Other States	1,770,127	1,856,757	1,515,601
Equivalent of above in scoured condition	4,215,413	4,213,014	4,116,365
Massachusetts	132,358	37,532	501,932
New York	2,079,482	2,499,597	1,244,962
Pennsylvania	634,607	563,957	1,015,791
Other States	1,368,966	1,111,928	1,353,680
Recovered wool fiber	4,393,938	3,414,632	5,367,065
New York	1,103,872	625,012	2,197,971
Other States	3,290,066	2,789,620	3,169,094
Wool waste and noils	8,981,918	9,983,827	5,025,522
Connecticut	1,021,254	348,010	826,903
Michigan	128,559	11,324	13,468
New York	4,672,443	6,946,665	1,785,285
Pennsylvania	575,692	502,212	481,148
Wisconsin	569,424	372,649	607,351
Other States	2,014,546	1,802,967	1,311,367
Raw silk	8,023,195	4,921,127	1,265,568
New Jersey	818,302	542,517	47,541
New York	1,412,978	1,104,379	704,039
Pennsylvania	4,774,493	2,024,352	372,091
Other States	1,017,422	1,249,879	141,897
Cotton yarn, not mercerized	157,762,735	155,899,349	186,892,109
Alabama	4,437,442	1,845,343	1,266,191
California	214,449	193,731	310,154
Connecticut	506,733	616,374	591,606
Georgia	7,957,194	6,591,187	3,399,974
Illinois	5,679,456	4,415,157	9,211,562
Indiana	2,897,333	2,491,737	1,659,716
Maryland	572,080	581,216	1,351,549
Massachusetts	5,710,694	6,229,670	8,299,748
Michigan	2,144,341	4,764,531	3,774,503
New Hampshire	1,860,608	1,496,978	3,946,773
New Jersey	295,411	559,189	2,299,867
New York	35,211,667	37,924,386	53,325,500
North Carolina	22,860,007	20,018,591	9,781,189
Ohio	6,201,189	6,483,756	6,629,906
Pennsylvania	25,553,531	26,358,152	43,371,847
Rhode Island	5,192,595	4,264,289	4,619,065
South Carolina	1,434,290	754,324	931,272
Tennessee	11,212,693	13,439,212	13,611,690
Utah	172,181	101,996	187,943
Vermont	2,000,224	2,546,105	1,483,390
Virginia	5,142,608	3,572,239	4,083,901
Wisconsin	3,600,064	3,528,583	5,297,497
Other States	6,905,945	7,122,603	7,457,266

TABLE 4.—PRINCIPAL MATERIALS USED IN THE KNIT-GOODS INDUSTRY, BY STATES: 1927, 1925, AND 1919—Continued

[See note at head of this table, p. 295]

MATERIAL AND STATE	QUANTITY (POUNDS)		
	1927	1925	1919
Cotton yarn, mercerized	52,917,187	67,043,700	30,519,234
Georgia	1,558,584	(1)	(1)
Illinois	1,189,511	2,408,598	917,079
Indiana	1,378,280	1,808,440	996,633
Massachusetts	2,004,466	1,833,807	1,652,328
Michigan	420,446	465,419	354,198
New Jersey	743,569	1,287,635	1,834,997
New York	3,107,092	4,416,605	1,121,146
North Carolina	11,428,612	7,473,871	953,320
Ohio	353,837	348,253	473,587
Pennsylvania	14,420,574	24,933,644	14,707,613
Rhode Island	94,471	107,522	128,390
Tennessee	6,800,480	7,635,048	2,037,578
Virginia	817,992	1,698,959	23,543
Wisconsin	4,083,123	4,441,872	3,178,470
Other States	4,516,150	8,184,027	2,140,352
Woolen yarn	7,029,463	10,352,910	5,383,926
Illinois	343,793	376,560	208,972
Massachusetts	1,166,692	1,465,733	374,808
Michigan	218,796	355,236	501,228
New Jersey	166,950	227,351	70,109
New York	2,401,186	3,958,819	2,042,342
Ohio	207,406	811,811	345,001
Pennsylvania	710,275	1,190,919	646,548
Wisconsin	1,103,327	1,241,812	939,869
Other States	711,038	724,669	255,049
Worsted yarn	28,280,425	24,546,360	12,635,631
California	695,871	880,070	261,404
Connecticut	137,636	129,536	409,700
Illinois	769,675	941,446	377,972
Massachusetts	3,394,232	3,358,484	1,211,375
Michigan	332,605	186,110	221,168
New Hampshire	538,332	200,604	250,176
New Jersey	611,621	785,660	391,736
New York	9,649,645	7,609,893	4,280,339
Ohio	2,539,103	1,785,928	819,400
Pennsylvania	5,009,451	4,956,223	2,681,474
Rhode Island	1,460,111	780,065	609,028
Utah	135,770	124,733	98,435
Wisconsin	1,515,310	1,425,319	705,374
Other States	1,491,063	1,382,289	318,050
Wool, worsted, and cotton yarn mixed	8,204,748	10,090,462	6,965,256
Connecticut	68,816	148,240	72,648
Illinois	339,930	82,895	322,381
Massachusetts	591,696	731,085	764,842
Michigan	80,396	246,516	132,271
New Jersey	59,969	77,500	67,318
New York	2,104,629	2,431,220	1,999,086
Ohio	797,943	1,467,023	1,209,056
Pennsylvania	1,586,939	2,219,506	921,612
Rhode Island	189,590	231,854	187,761
Wisconsin	437,557	745,000	356,622
Other States	1,947,293	1,709,623	931,659
Silk yarn, thrown or spun	11,537,459	8,789,521	5,711,110
California	154,293	(1)	(1)
Georgia	339,033	(1)	(1)
Massachusetts	389,423	283,688	189,907
New Jersey	357,464	494,619	354,448
New York	337,836	830,219	1,109,436
North Carolina	800,315	(1)	(1)
Pennsylvania	5,047,298	3,892,012	2,603,469
Tennessee	1,473,200	(1)	(1)
Wisconsin	1,624,204	841,074	803,550
Other States	1,014,393	2,447,909	650,300

See footnotes at end of table.

TABLE 4.—PRINCIPAL MATERIALS USED IN THE KNIT-GOODS INDUSTRY, BY STATES: 1927, 1925, AND 1919—Continued

[See note at head of this table, p. 295]

MATERIAL AND STATE	QUANTITY (POUNDS)		
	1927	1925	1919
Rayon	36, 580, 505	23, 679, 599	4, 153, 546
California	88, 794	52, 126	(2)
Georgia	637, 744	344, 980	(2)
Illinois	520, 726	193, 110	(2)
Louisiana	100, 594	(1)	(2)
Massachusetts	1, 965, 667	1, 485, 902	(2)
Michigan	744, 551	342, 994	(2)
New Hampshire	236, 343	366, 446	(2)
New Jersey	1, 321, 735	1, 544, 051	(2)
New York	13, 392, 257	7, 712, 491	(2)
North Carolina	4, 221, 530	1, 909, 037	(2)
Ohio	428, 803	293, 460	(2)
Pennsylvania	5, 888, 059	5, 979, 569	(2)
Rhode Island	680, 230	315, 238	(2)
Tennessee	2, 171, 206	1, 019, 500	(2)
Virginia	1, 395, 119	537, 950	(2)
Wisconsin	883, 686	795, 803	(2)
Other States	1, 903, 461	786, 942	(2)

[1] Included in figure for "Other States."

[2] No data.

TABLE 5.—PRINCIPAL MATERIALS USED IN THE KNIT-GOODS INDUSTRY AND ITS BRANCHES, BY KIND AND QUANTITY: 1927

KIND	Total	MATERIALS USED IN ESTABLISHMENTS ENGAGED PRIMARILY IN THE MANUFACTURE OF—			
		Hosiery	Underwear	Outerwear	Knit cloth
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*
Cotton, total	66, 771, 576	11, 848, 119	51, 014, 357	2, 715, 887	1, 193, 213
Domestic	66, 417, 396	11, 848, 119	50, 774, 401	2, 664, 837	1, 130, 039
Foreign	354, 180	----------	239, 956	51, 050	63, 174
Wool:					
In condition in which purchased, total	4, 909, 056	164, 066	1, 589, 220	894, 516	2, 261, 254
Domestic	4, 124, 811	164, 066	1, 409, 420	836, 601	1, 714, 724
Foreign	784, 245	----------	179, 800	57, 915	546, 530
Equivalent in scoured condition	4, 215, 413	161, 191	1, 574, 437	759, 770	1, 720, 015
Raw silk	8, 023, 195	6, 715, 994	658, 773	222, 992	425, 436
Cotton waste	21, 490, 118	2, 715, 065	8, 162, 907	3, 673, 620	6, 938, 526
Silk waste and noils	685, 171	61, 771	548, 708	47, 600	27, 092
Wool waste and noils	8, 981, 918	2, 811, 992	3, 088, 346	1, 918, 777	1, 162, 803
Recovered wool fiber	4, 393, 938	2, 050, 475	1, 001, 105	666, 712	675, 646
Yarns, purchased:					
Cotton, not mercerized	157, 762, 735	48, 082, 191	80, 724, 617	9, 429, 306	19, 526, 621
Cotton, mercerized	52, 917, 187	45, 537, 233	4, 107, 629	2, 169, 410	1, 102, 915
Woolen	7, 029, 463	721, 661	396, 591	5, 137, 887	773, 324
Worsted	28, 280, 425	1, 740, 002	1, 157, 635	20, 857, 937	4, 524, 851
Woolen and cotton mixed	5, 112, 689	1, 815, 571	1, 460, 267	1, 824, 276	12, 575
Worsted and cotton mixed	3, 092, 059	892, 986	1, 522, 362	671, 511	5, 200
Silk, thrown or spun	11, 537, 459	11, 025, 448	189, 902	193, 942	128, 167
Rayon	36, 580, 505	14, 139, 415	8, 418, 349	2, 515, 405	11, 507, 336
Other yarns [1]	2, 425, 238	2, 141, 680	18, 842	61, 404	203, 312

[1] Mostly silk and rayon and worsted and rayon mixtures.

TABLE 6.—PRODUCTS, BY CLASS, KIND, QUANTITY, AND VALUE, FOR THE KNIT-GOODS INDUSTRY, FOR THE UNITED STATES: 1927, 1925, AND 1923

CLASS AND KIND	1927	1925	1923
1 Knit-goods industry, all products, total value	$816,620,494	$809,960,213	$848,176,734
2. Knit goods, value	$800,696,781	$792,294,280	$822,103,383
Cotton yarns, for sale: [1]			
3. Pounds	6,168,831	8,098,479	14,734,799
4. Value	$1,891,301	$3,638,632	$6,945,490
Cotton waste, for sale:			
5. Pounds	15,298,967	12,308,808	18,216,179
6. Value	$1,013,101	$1,320,815	$1,989,459
7. Old bagging and ties, value	$14,015	$86,212	$41,680
8. Receipts for contract work	$5,888,588	$10,580,346	$13,497,743
9. Other products (not normally belonging to the industry), value	$7,116,708	$2,039,928	$3,598,979
10. Knit goods made as secondary products in other industries, value	$729,959	$2,265,816	$4,299,579
Knit goods, all industries: Aggregate value (sum of 2 and 10)	$801,426,740	$794,560,096	$826,402,962
Hosiery (except infants' and athletic and golf hose)[2]—			
Total dozen pairs	103,166,976	99,777,406	97,432,927
Total value	$440,572,650	$403,864,233	$378,732,878
Full-fashioned—			
Dozen pairs	21,035,199	13,899,973	11,230,867
Value	$232,785,996	$148,151,061	$129,259,871
Seamless—			
Dozen pairs	82,131,777	85,877,433	86,202,060
Value	$207,786,654	$255,713,172	$249,473,007
Infants' hose—			
Total dozen pairs	6,838,939	(3)	(3)
Total value	$13,020,707	(3)	(3)
Full-fashioned—			
Dozen pairs	35,246	(3)	(3)
Value	$109,515	(3)	(3)
Seamless—			
Dozen pairs	6,803,693	(3)	(3)
Value	$12,911,192	(3)	(3)
Underwear, total value	$148,664,366	$163,276,772	$160,901,752
Shirts and drawers—			
Total dozen pieces	8,492,497	11,261,521	12,746,531
Total value	$38,961,039	$60,845,028	$61,683,038
All-cotton—			
Dozen pieces	7,049,037	9,366,880	11,558,429
Value	$24,022,053	$36,822,270	$44,325,231
All-wool—			
Dozen pieces	60,597	46,865	111,530
Value	$1,393,111	$1,186,709	$2,235,016
Cotton and wool mixed—			
Dozen pieces	373,059	695,955	722,815
Value	$4,696,334	$8,715,897	$8,194,167
Silk—			
Knit from warps—			
Dozen pieces	114,547	485,398	251,077
Value	$1,905,176	$7,950,794	$5,923,360
Knit from cones—			
Dozen pieces	35,653		
Value	$399,663		
Silk and rayon mixed—			
Knit from warps—			
Dozen pieces	12,973	(4)	(4)
Value	$253,445	(4)	(4)
Knit from cones—			
Dozen pieces	11,481	(4)	(4)
Value	$103,114	(4)	(4)
Rayon—			
Dozen pieces	754,458	501,377	(4)
Value	$5,702,554	$4,446,006	(4)
Other—			
Dozen pieces	80,692	165,046	102,680
Value	$424,589	$1,723,352	$1,005,264

See footnotes at end of table.

TABLE 6.—PRODUCTS, BY CLASS, KIND, QUANTITY, AND VALUE, FOR THE KNIT-GOODS INDUSTRY, FOR THE UNITED STATES: 1927, 1925, AND 1923—Continued

CLASS AND KIND	1927	1925	1923
Knit goods—Continued.			
Underwear—Continued.			
Union suits—			
Total dozens	9, 785, 906	11, 500, 387	10, 745, 979
Total value	$83, 684, 762	$99, 214, 890	$99, 218, 714
All-cotton—			
Dozens	8, 339, 636	10, 248, 867	9, 411, 849
Value	$59, 268, 975	$73, 700, 339	$74, 130, 254
All-wool—			
Dozens	104, 285	69, 652	25, 222
Value	$2, 966, 489	$2, 452, 112	$935, 805
Cotton and wool mixed—			
Dozens	702, 110	808, 457	1, 134, 946
Value	$14, 293, 925	$16, 402, 041	$19, 658, 827
Silk—			
Knit from warps—			
Dozens	15, 744	124, 793	93, 195
Value	$480, 199	$2, 655, 186	$2, 542, 155
Knit from cones—			
Dozens	37, 497	----------	----------
Value	$485, 741	----------	----------
Silk and rayon mixed—			
Knit from warps—			
Dozens	348	(4)	(4)
Value	$7, 512	(4)	(4)
Knit from cones—			
Dozens	20, 414	(4)	(4)
Value	$173, 975	(4)	(4)
Rayon—			
Dozens	442, 145	137, 296	(4)
Value	$4, 965, 710	$2, 578, 449	(4)
Other fibers—			
Dozens	123, 727	111, 322	80, 767
Value	$1, 042, 236	$1, 426, 763	$1, 951, 673
Bloomers and step-ins—			
Dozens	1, 759, 603	(4)	(4)
Value	$17, 396, 005	(4)	(4)
Slips and petticoats—			
Dozens	217, 752	(4)	(4)
Value	$3, 027, 355	(4)	(4)
Infants' underwear, value	$5, 595, 205	$3, 216, 854	(4)
Outerwear, total value	$129, 079, 402	$147, 092, 812	$197, 158, 178
Sweaters, sweater coats, jerseys, etc.—			
Dozens	3, 780, 648	3, 714, 034	4, 455, 096
Value	$74, 642, 692	$84, 898, 608	$111, 159, 030
Bathing suits—			
Dozens [5]	739, 807	694, 867	972, 448
Value [5]	$15, 857, 238	$16, 322, 154	$17, 554, 058
Scarfs and shawls—			
Dozens	187, 754	491, 945	979, 902
Value	$2, 214, 684	$4, 661, 093	$10, 355, 651
Headwear (except infants')—			
Dozens	700, 412	804, 928	842, 843
Value	$3, 876, 630	$4, 511, 372	$4, 813, 062
Neckties—			
Dozens	1, 810, 377	2, 705, 072	3, 323, 925
Value	$5, 852, 997	$8, 960, 652	$12, 317, 321
Sueded-cotton gloves—			
Dozens	28, 108	70, 307	94, 702
Value	$350, 462	$743, 791	$879, 702
Gloves (except sueded-cotton)—			
Dozen pairs	836, 415		
Value	$6, 450, 932	1, 230, 805	1, 999, 367
Mittens—		$8, 339, 612	$15, 888, 009
Dozen pairs	185, 531		
Value	$536, 504		
Athletic and golf hose—			
Dozen pairs	950, 357	573, 016	(4)
Value	$4, 278, 433	$3, 958, 529	(4)
Dresses and suits—			
Number	868, 481	(4)	(4)
Value	$6, 251, 642	(4)	(4)
Infants' outerwear, value	$6, 890, 246	$9, 063, 635	(4)
Collars, cuffs, and bands for lumber-jacks, value	$448, 829	(4)	(4)
Other outerwear, value	$1, 428, 113	$5, 633, 366	$24, 191, 345

See footnotes at end of table.

TABLE 6.—PRODUCTS, BY CLASS, KIND, QUANTITY, AND VALUE, FOR THE KNIT-GOODS INDUSTRY, FOR THE UNITED STATES: 1927, 1925, AND 1923—Continued

CLASS AND KIND	1927	1925	1923
Knit goods—Continued.			
Knit cloth, total value	$56, 171, 697	$55, 454, 344	$68, 520, 578
Wool jersey—			
Square yards	10, 236, 293		
Value	$11, 296, 075		
Other knit woolens—			
Square yards	1, 874, 877		
Value	$2, 725, 556		
Silk jersey (including milanese)—		42, 171, 774	38, 703, 199
Square yards	3, 509, 474	$36, 451, 267	$43, 367, 219
Value	$2, 802, 206		
Rayon tubing (including tricolette)—			
Square yards	28, 818, 656		
Value	$20, 873, 189		
Towels and toweling—			
Square yards	1, 034, 676	975, 662	1, 054, 863
Value	$659, 295	$700, 701	$734, 559
Stockinette, value	$957, 358	$2, 167, 678	$2, 836, 473
Glove and shoe linings, value	$4, 773, 415	$4, 631, 600	$5, 836, 159
Other knit cloth, value	$12, 084, 603	$11, 503, 098	$15, 746, 168
Other knit goods, value	[6] $13, 917, 918	[6] $24, 871, 935	[6] $21, 089, 576

[1] Cotton yarns are made for sale principally by establishments classified in the cotton-goods industry. The figures here given relate only to yarns made for sale as secondary products by establishments engaged primarily in the production of knit goods.
[2] Infants' hose follows; for athletic and golf hose see under "Outerwear."
[3] No comparable data.
[4] Not called for on schedule.
[5] In addition, 100,314 dozens of bathing suits, valued at $853,677, cut from purchased fabric, were reported by establishments engaged primarily in the manufacture of women's clothing.
[6] Includes the value of knit goods made as secondary products in other industries. (See line 10 in first section of this table.)

TABLE 7.—PRINCIPAL PRODUCTS OF THE KNIT-GOODS INDUSTRY, BY VALUE 1927, AND BY QUANTITY, 1927, 1925, AND 1923, BY STATES

[This table presents statistics for the States for which separate figures can be given without disclosing the output of individual establishments. Some of the "Other States," however, reported larger quantities and values of some classes of products than some of the States shown separately]

PRODUCT AND STATE	VALUE	QUANTITY		
	1927	1927	1925	1923
Hosiery (except infants' and athletic and golf hose [1])	$440, 572, 650	*Dozen pairs* 103, 166, 976	*Dozen pairs* 99, 777, 406	*Dozen pairs* 97, 432, 927
Alabama	3, 981, 868	2, 231, 182	1, 671, 067	1, 173, 628
Georgia	12, 310, 269	6, 163, 157	6, 417, 428	8, 738, 614
Illinois	10, 428, 323	4, 828, 754	4, 492, 588	5, 051, 791
Kentucky	2, 505, 973	936, 510	(2)	(2)
Louisiana	1, 664, 645	785, 875	(2)	(2)
Maryland	2, 630, 466	962, 494	716, 247	522, 021
Massachusetts	12, 960, 015	2, 223, 497	2, 512, 215	3, 317, 429
Michigan	3, 796, 745	705, 194	807, 603	870, 315
New Hampshire	4, 599, 531	1, 239, 171	1, 773, 947	1, 678, 606
New Jersey	27, 285, 644	2, 167, 097	1, 582, 166	1, 830, 270
New York	13, 151, 622	2, 276, 003	2, 241, 804	1, 667, 586
North Carolina	51, 966, 608	25, 953, 988	17, 921, 147	15, 608, 046
Pennsylvania	171, 528, 890	24, 210, 659	25, 359, 633	27, 268, 502
Rhode Island	1, 868, 241	238, 463	561, 261	486, 145
South Carolina	2, 791, 317	2, 202, 290	804, 057	1, 013, 983
Tennessee	34, 162, 774	12, 033, 338	12, 152, 004	12, 270, 313
Virginia	4, 209, 103	2, 255, 890	1, 981, 535	1, 929, 669
Wisconsin	40, 763, 859	5, 807, 357	6, 916, 354	6, 705, 883
Other States	37, 966, 757	5, 946, 057	11, 866, 350	7, 300, 126

See footnotes at end of table.

TABLE 7.—PRINCIPAL PRODUCTS OF THE KNIT-GOODS INDUSTRY, BY VALUE, 1927, AND BY QUANTITY, 1927, 1925, AND 1923, BY STATES—Continued

[See note at head of this table]

PRODUCT AND STATE	VALUE	QUANTITY		
	1927	1927	1925	1923
Hosiery (except infants' and athletic and golf hose)—Continued.		*Dozen pairs*	*Dozen pairs*	*Dozen pairs*
Cotton	$66,445,925	43,237,772	50,403,120	57,619,523
Alabama	2,616,378	1,838,272	1,358,365	1,122,764
Georgia	5,655,755	4,796,969	5,540,389	8,219,762
Illinois	5,730,837	3,751,131	3,926,703	4,402,751
Kentucky	1,213,432	766,656	(2)	(2)
Maryland	1,393,220	679,317	583,642	385,774
Massachusetts	696,467	294,251	621,577	1,060,966
North Carolina	18,474,956	13,553,953	13,907,795	12,010,460
Pennsylvania	7,307,400	4,231,326	7,357,432	10,528,722
South Carolina	2,475,847	2,125,526	737,710	1,006,793
Tennessee	12,126,685	6,706,314	9,450,760	10,048,525
Virginia	1,717,425	1,326,773	1,257,167	1,775,671
Wisconsin	2,914,133	1,068,774	1,901,094	2,063,989
Other States	4,123,390	2,098,510	3,760,486	4,993,346
Wool	2,694,310	565,471	639,387	1,177,151
Pennsylvania	198,589	30,688	123,808	198,561
Wisconsin	981,368	196,578	99,039	156,856
Other States	1,514,353	338,205	416,540	821,734
Silk	45,633,692	3,566,455	2,136,597	4,640,327
Massachusetts	2,660,415	135,435	(2)	(2)
New Jersey	3,370,111	258,451	472,353	90,589
Pennsylvania	19,115,373	1,654,599	721,994	2,152,678
Wisconsin	2,991,047	254,735	(2)	(2)
Other States	17,496,746	1,263,235	942,250	2,397,060
Rayon	2,264,499	906,470	556,466	2,758,457
North Carolina	919,295	331,032	(2)	(2)
Pennsylvania	318,145	77,847	271,356	948,595
Other States	1,027,059	497,591	285,110	1,809,862
Pure-thread silk with lisle or cotton tops, heels, and toes	200,591,605	19,297,406	17,579,440	
Georgia	2,132,067	283,912	(2)	
Massachusetts	4,184,510	314,457	(2)	
New Jersey	23,623,162	1,865,098	1,101,753	
New York	6,297,102	481,032	960,759	
North Carolina	7,370,505	988,020	469,394	
Pennsylvania	111,356,330	10,769,542	9,210,882	
Tennessee	6,295,302	871,114	657,179	
Wisconsin	22,555,494	2,012,071	2,418,816	
Other States	16,777,133	1,712,160	2,760,657	
Rayon with cotton tops, heels, and toes	25,855,726	10,525,261	11,795,454	
North Carolina	11,904,958	5,821,714	3,361,047	
Pennsylvania	2,894,262	963,151	3,846,502	31,237,469
Tennessee	3,160,119	1,037,413	1,192,975	
Virginia	1,086,517	490,913	(2)	
Other States	6,809,870	2,212,070	3,394,930	
Mixtures:				
Cotton and wool	11,649,640	4,204,486	4,235,089	
New Hampshire	1,392,069	509,506	646,156	
Pennsylvania	1,216,811	328,294	728,695	
Wisconsin	1,983,109	430,008	485,714	
Other States	7,057,651	2,936,678	2,374,524	
Silk and wool	3,523,596	361,271	624,068	
Silk and cotton	4,957,542	697,830	1,448,025	

See footnotes at end of table.

TABLE 7.—PRINCIPAL PRODUCTS OF THE KNIT-GOODS INDUSTRY, BY VALUE, 1927, AND BY QUANTITY, 1927, 1925, AND 1923, BY STATES—Continued

[See note at head of this table, p. 300]

PRODUCT AND STATE	VALUE	QUANTITY		
	1927	1927	1925	1923
Hosiery (except infants' and athletic and golf hose)—Continued.				
Mixtures—Continued.		*Dozen pairs*	*Dozen pairs*	*Dozen pairs*
Silk and rayon	$33,254,491	6,301,328	3,333,763	
North Carolina	3,158,725	958,114	(2)	
Pennsylvania	10,569,594	1,683,697	1,365,112	
Tennessee	3,958,854	798,053	(2)	
Wisconsin	3,925,651	640,737	885,526	
Other States	11,641,667	2,220,727	1,083,125	
Rayon and wool	5,940,775	1,099,615	1,012,258	
Massachusetts	672,978	138,616	(2)	
Michigan	750,687	116,639	(2)	
Pennsylvania	1,466,827	353,006	321,753	
Wisconsin	1,249,888	174,474	106,719	
Other States	1,800,395	316,880	583,786	
Rayon and cotton	22,428,093	8,759,303	1,988,573	31,237,469
Illinois	1,285,706	360,010	(2)	
North Carolina	6,098,664	3,406,230	(2)	
Pennsylvania	6,913,857	2,352,489	785,350	
Tennessee	3,090,944	1,107,812	(2)	
Wisconsin	1,283,986	326,102	(2)	
Other States	3,754,936	1,206,660	1,203,223	
Triple mixtures	15,027,898	3,534,771	4,025,166	
North Carolina	2,380,590	638,306	(2)	
Pennsylvania	5,217,967	1,253,186	2,238,850	
Tennessee	3,475,774	861,257	(2)	
Other States	3,953,567	782,022	1,736,316	
Infants' hose [3]	13,020,707	6,838,939	(4)	(4)
		Dozen pieces	*Dozen pieces*	*Dozen pieces*
Shirts and drawers	38,961,039	8,492,497	11,261,521	12,746,531
Connecticut	2,647,713	194,914	257,663	250,043
Massachusetts	4,602,401	723,999	768,423	938,107
New York	15,673,036	3,125,751	3,420,636	4,392,073
North Carolina	1,097,522	219,467	267,873	314,447
Pennsylvania	8,291,876	2,731,389	4,447,174	4,743,644
Tennessee	1,022,618	103,848	(2)	(2)
Other States	5,625,873	1,393,129	2,099,752	2,108,217
Cotton	24,022,053	7,049,037	9,366,880	11,558,429
Massachusetts	2,442,547	528,300	496,292	848,300
New York	11,066,420	2,715,753	2,979,283	3,951,804
North Carolina	1,097,522	219,467	267,873	314,447
Pennsylvania	5,082,684	2,341,736	3,921,407	4,648,605
Tennessee	1,021,802	103,671	(2)	(2)
Other States	3,311,078	1,140,110	1,702,025	1,795,273
Wool	1,393,111	60,597	(5)	(5)
New York	663,865	27,976	(5)	(5)
Other States	729,246	32,621	(5)	(5)
Cotton and wool mixed	4,696,334	373,059	695,955	722,815
Connecticut	2,007,185	143,627	180,610	157,215
New York	1,644,459	134,835	122,491	174,649
Other States	1,044,690	94,597	392,854	390,951
Silk	2,305,839	150,200	485,398	251,077
New York	1,031,671	73,829	219,843	176,720
Other States	1,274,168	76,371	265,555	74,357

See footnotes at end of table.

TABLE 7.—PRINCIPAL PRODUCTS OF THE KNIT-GOODS INDUSTRY, BY VALUE, 1927, AND BY QUANTITY, 1927, 1925, AND 1923, BY STATES—Continued

[See note at head of this table, p. 300]

PRODUCT AND STATE	VALUE	QUANTITY		
	1927	1927	1925	1923
Shirts and drawers—Continued.		*Dozen pieces*	*Dozen pieces*	*Dozen pieces*
Rayon	$5,762,554	754,458	501,377	(5)
Massachusetts	1,439,576	134,420	(2)	(5)
New York	987,048	153,165	(2)	(5)
Pennsylvania	1,777,903	259,290	270,530	(5)
Other States	1,558,027	207,583	230,847	(5)
Other fibers	781,148	105,146	211,911	214,210
		Dozens	*Dozens*	*Dozens*
Union suits	83,684,762	9,785,906	11,500,387	10,745,979
Alabama	1,427,080	218,375	(2)	(2)
Connecticut	790,562	31,393	25,352	52,893
Georgia	1,871,993	335,267	(2)	(2)
Massachusetts	4,366,954	285,222	398,062	426,526
Michigan	2,195,482	263,424	(2)	(2)
New York	22,221,841	2,471,505	4,271,831	4,006,122
North Carolina	4,660,212	625,333	(2)	(2)
Ohio	3,526,870	283,283	301,981	234,533
Pennsylvania	11,618,829	2,170,940	2,646,674	2,535,201
Tennessee	7,589,489	1,048,195	919,591	853,431
Vermont	3,274,388	269,303	(2)	(2)
Virginia	1,866,700	279,040	(2)	(2)
Wisconsin	4,177,201	274,008	263,340	218,879
Other States	14,097,161	1,230,618	2,673,556	2,418,394
Cotton	59,268,975	8,339,636	10,248,867	9,411,849
Alabama	1,427,080	218,375	(2)	(2)
Georgia	1,546,250	307,999	(2)	(2)
Massachusetts	1,404,998	132,097	279,488	109,898
Michigan	1,379,578	216,823	(2)	(2)
New York	15,935,562	2,228,678	3,802,697	3,512,927
North Carolina	4,660,212	625,333	(2)	(2)
Ohio	2,249,832	212,103	220,963	213,646
Pennsylvania	9,546,389	1,936,445	2,428,604	2,478,096
Tennessee	6,926,154	978,237	919,591	853,431
Vermont	1,820,613	200,784	(2)	(2)
Virginia	1,735,145	260,040	(2)	(2)
Wisconsin	2,920,924	220,361	(2)	(2)
Other States	7,716,238	802,361	2,597,524	2,243,851
Wool	2,966,489	104,285	(5)	(5)
New York	1,541,972	50,615	(5)	(5)
Other States	1,424,517	53,670	(5)	(5)
Cotton and wool mixed	14,293,925	702,110	808,457	1,134,946
Connecticut	587,115	23,685	14,789	43,565
Massachusetts	2,602,782	132,203	(2)	(2)
New York	3,556,272	110,740	214,605	387,854
Ohio	913,347	50,785	(2)	(2)
Pennsylvania	485,676	49,294	(2)	(2)
Other States	6,148,733	335,403	579,063	703,527
Silk	965,940	53,241	124,793	93,195
New York	425,989	17,006	95,472	77,504
Other States	539,951	36,235	29,321	15,691
Rayon	4,965,710	442,145	137,296	(5)
New York	717,137	61,986	(2)	(5)
Pennsylvania	1,172,395	121,896	54,527	(5)
Other States	3,076,178	258,263	82,769	(5)
Other fibers	1,223,723	144,489	180,974	105,989
Bloomers and step-ins	17,396,005	1,759,603	(4)	(4)
Massachusetts	983,000	107,170	(4)	(4)
Michigan	990,067	104,092	(4)	(4)
New York	7,334,877	761,895	(4)	(4)
Pennsylvania	4,255,070	488,177	(4)	(4)
Other States	3,832,991	298,269	(4)	(4)

See footnotes at end of table.

TABLE 7.—PRINCIPAL PRODUCTS OF THE KNIT-GOODS INDUSTRY, BY VALUE, 1927, AND BY QUANTITY, 1927, 1925, AND 1923, BY STATES—Continued

[See note at head of this table, p. 300]

PRODUCT AND STATE	VALUE	QUANTITY		
	1927	1927	1925	1923
Bloomers and step-ins—Continued.		*Dozens*	*Dozens*	*Dozens*
Cotton	$2,004,587	458,218	(4)	(4)
New York	973,483	223,098	(4)	(4)
Pennsylvania	787,073	195,285	(4)	(4)
Other States	244,031	39,835	(4)	(4)
Silk	3,375,497	149,574	(4)	(4)
Rayon	11,241,178	1,095,188	(4)	(4)
New York	4,288,074	453,584	(4)	(4)
Pennsylvania	2,030,974	210,506	(4)	(4)
Other States	4,922,130	431,098	(4)	(4)
Other fibers	774,743	56,623	(4)	(4)
Slips and petticoats	3,027,355	217,752	(4)	(4)
Massachusetts	281,726	15,701	(4)	(4)
Michigan	221,516	15,006	(4)	(4)
New York	851,167	50,126	(4)	(4)
Other States	1,672,946	136,919	(4)	(4)
Cotton and wool	556,322	65,547	(4)	(4)
Silk	704,677	28,067	(4)	(4)
New York	341,447	5,656	(4)	(4)
Other States	363,230	22,411	(4)	(4)
Rayon	1,635,125	96,492	(4)	(4)
New York	479,370	30,000	(4)	(4)
Other States	1,155,755	57,492	(4)	(4)
Other fibers	131,231	27,646	(4)	(4)
Infants' underwear, value	5,595,205	----------	----------	----------
Sweaters, sweater coats, and jerseys	74,642,692	3,780,648	3,714,034	4,455,090
California	2,264,237	107,745	65,823	33,354
Illinois	1,922,880	54,826	141,998	108,143
Massachusetts	4,250,805	148,582	188,534	194,518
New Jersey	2,460,272	145,873	55,373	187,520
New York	37,423,364	2,242,926	1,968,639	2,713,978
Ohio	8,740,498	506,928	426,361	275,681
Pennsylvania	10,868,120	386,531	624,309	618,190
Wisconsin	4,040,867	100,056	131,243	211,273
Other States	2,671,649	87,181	111,754	112,439
Bathing suits	[6] 15,857,238	[6] 739,807	694,867	972,448
California	1,810,964	64,806	65,111	47,006
Illinois	787,170	33,681	20,828	19,946
Massachusetts	1,698,089	123,900	89,747	89,654
New York	3,154,712	138,169	203,230	313,881
Pennsylvania	3,400,381	197,587	157,110	305,506
Other States	5,005,922	181,664	158,841	196,455
Scarfs and shawls	2,214,684	187,754	491,945	979,902
New York	1,407,714	126,845	283,251	313,663
Other States	806,970	60,909	208,694	666,239
Knit headwear, except infants'	3,876,630	700,412	804,928	842,843
New York	1,387,152	172,906	187,511	123,779
Ohio	923,037	286,530	371,591	409,768
Wisconsin	1,413,136	209,321	210,633	243,125
Other States	153,305	31,655	35,193	66,171

See footnotes at end of table.

TABLE 7.—PRINCIPAL PRODUCTS OF THE KNIT-GOODS INDUSTRY, BY VALUE, 1927, AND BY QUANTITY, 1927, 1925, AND 1923, BY STATES—Continued

[See note at head of this table, p. 300]

PRODUCT AND STATE	VALUE	QUANTITY		
	1927	1927	1925	1923
		Dozens	*Dozens*	*Dozens*
Neckties	$5,852,997	1,810,377	2,705,072	3,323,925
New York	2,081,584	414,175	1,029,444	1,083,367
Pennsylvania	3,252,909	1,296,421	1,499,072	2,149,734
Other States	518,504	99,781	176,556	90,824
		Dozen pairs	*Dozen pairs*	*Dozen pairs*
Sueded-cotton gloves	350,462	28,108	70,307	94,702
Knit gloves, except sueded-cotton	6,450,932	836,415	1,230,805	1,999,367
Knit mittens	536,504	185,531		
Athletic and golf hose	4,278,433	950,357	573,016	(4)
New York	896,819	86,444	161,047	(4)
Pennsylvania	1,621,565	567,835	226,191	(4)
Other States	1,760,049	296,078	185,778	(4)
		Number	*Number*	*Number*
Dresses and suits	6,251,642	868,481	(4)	(4)
New York	2,686,983	365,166	(4)	(4)
Other States	3,564,659	503,315	(4)	(4)
Infants' outerwear, value	6,890,246			
Knit cloth [7]	56,171,697			
		Pounds	*Pounds*	*Pounds*
Cotton yarns for sale [8]	1,891,301	6,168,831	8,098,479	14,734,799

[1] For figures for infants' hose and athletic and golf hose see below.
[2] Included in figure for "Other States."
[3] See Table 8 for detailed statistics by States.
[4] Not called for on schedule.
[5] No data.
[6] See footnote 5, Table 6.
[7] See Table 9 for detailed statistics by States.
[8] See footnote 1, Table 6.

TABLE 8.—INFANTS' HOSIERY—PRODUCTION, BY KIND, QUANTITY, AND VALUE, BY STATES: 1927 [1]

KIND	Quantity	Value
Infants' hosiery, total	6,838,939	$13,020,707
Massachusetts	839,352	1,701,419
North Carolina	415,260	612,285
Pennsylvania	3,881,046	7,016,139
Tennessee	634,898	1,147,867
Wisconsin	440,087	1,246,530
Other States	628,296	1,296,467
Cotton, total	3,052,052	4,588,862
Massachusetts	417,329	595,003
North Carolina	182,825	221,841
Pennsylvania	1,304,724	1,749,801
Tennessee	591,219	1,042,178
Wisconsin	137,673	301,324
Other States	418,282	678,715
Wool, total	243,959	686,892
Massachusetts	153,999	405,064
Pennsylvania	65,857	185,246
Other States	24,103	96,582

See footnote at end of table.

TABLE 8.—INFANTS' HOSIERY—PRODUCTION, BY KIND, QUANTITY, AND VALUE, BY STATES: 1927 [1]—Continued

KIND	Quantity	Value
Infants' hosiery—Continued.		
Silk	88,596	$374,263
Pure-thread silk with lisle or cotton tops, heels, and toes, total	187,058	674,358
Pennsylvania	88,667	277,905
Other States	98,391	396,453
Rayon with cotton tops, heels, and toes, total	1,653,820	3,066,282
Pennsylvania	1,439,378	2,687,525
Other States	214,442	378,757
Cotton and wool mixed, total	171,819	426,869
Pennsylvania	45,893	101,696
Other States	125,926	325,173
Rayon and cotton mixed, total	960,597	1,874,382
Pennsylvania	668,006	1,198,697
Wisconsin	184,131	462,656
Other States	108,460	213,029
Other fibers	481,038	1,328,799

[1] No comparable data for earlier years.

TABLE 9.—KNIT CLOTH—PRODUCTION, BY KIND, QUANTITY, AND VALUE, BY STATES: 1927 [1]

KIND	Square yards	Value
Knit cloth, total value		$56,171,697
Wool jersey, total	10,236,293	11,296,075
Massachusetts	5,296,113	5,317,012
New York	460,368	856,348
Pennsylvania	2,292,275	2,351,847
Rhode Island	1,803,292	2,244,494
Other States	384,245	526,374
Other knit woolens, total	1,874,877	2,725,556
New York	851,565	1,092,327
Other States	1,023,312	1,633,229
Silk jersey, total	3,509,474	2,802,206
New York	2,169,078	1,890,958
Pennsylvania	1,306,396	734,885
Other States	34,000	176,363
Rayon tubing, including tricolette, total	28,818,656	20,873,189
New York	22,614,155	15,864,199
Other States	6,204,501	5,008,990
Towels and toweling	1,034,676	659,295
Stockinette		957,358
Glove and shoe linings		4,773,415
Other knit cloth		12,084,603

[1] No comparable data for earlier years.

TABLE 10.—PRODUCTS, BY CLASS, KIND, QUANTITY, AND VALUE, FOR THE KNIT-GOODS INDUSTRY AND FOR ITS BRANCHES, FOR THE UNITED STATES: 1927

CLASS AND KIND	Total for the knit-goods industry	PRODUCTS OF ESTABLISHMENTS ENGAGED PRIMARILY IN THE MANUFACTURE OF—			
		Hosiery	Underwear	Outerwear	Knit cloth
Aggregate value	$816, 620, 494	$456, 913, 137	$173, 423, 491	$125, 940, 929	$60, 342, 937
Hosiery (except infants' and athletic and golf hose): [1]					
Total dozen pairs	103, 166, 976	102, 082, 279	865, 721	90, 811	128, 165
Total value	$440, 572, 650	$433, 166, 770	$6, 506, 414	$219, 673	$679, 793
Full-fashioned—					
Total dozen pairs	21, 035, 199	20, 618, 250	414, 251	2, 698	----------
Total value	$232, 785, 996	$227, 363, 098	$5, 410, 000	$12, 898	----------
Seamless—					
Total dozen pairs	82, 131, 777	81, 464, 029	451, 470	88, 113	128, 165
Total value	$207, 786, 654	$205, 803, 672	$1, 096, 414	$206, 775	$679, 793
Men's—					
Total dozen pairs	44, 260, 577	43, 689, 081	384, 263	65, 151	122, 082
Total value	$94, 706, 183	$92, 758, 749	$1, 203, 368	$112, 941	$631, 125
Full-fashioned—					
Total dozen pairs	1, 243, 935	1, 168, 834	74, 679	422	----------
Total value	$5, 211, 248	$4, 874, 332	$334, 500	$2, 416	----------
Seamless—					
Total dozen pairs	43, 016, 642	42, 520, 247	309, 584	64, 729	122, 082
Total value	$89, 494, 935	$87, 884, 417	$868, 868	$110, 525	$631, 125
All-cotton—					
Full-fashioned—					
Dozen pairs	159, 447	148, 280	11, 167	----------	----------
Value	$333, 454	$299, 479	$33, 975	----------	----------
Seamless—					
Dozen pairs	21, 384, 936	21, 364, 008	20, 928	----------	----------
Value	$27, 316, 627	$27, 280, 003	$36, 624	----------	----------
All-wool—					
Full-fashioned—					
Dozen pairs	2, 646	2, 346	230	70	----------
Value	$15, 182	$12, 248	$2, 070	$864	----------
Seamless—					
Dozen pairs	439, 629	397, 967	24, 782	1, 160	15, 720
Value	$1, 895, 971	$1, 630, 041	$99, 128	$8, 484	$158, 318
All pure-thread silk—					
Full-fashioned—					
Dozen pairs	54, 416	54, 416	----------	----------	----------
Value	$521, 151	$521, 151	----------	----------	----------
Seamless—					
Dozen pairs	121, 275	121, 275	----------	----------	----------
Value	$627, 628	$627, 628	----------	----------	----------
Pure-thread silk with lisle or cotton tops, heels, and toes—					
Full-fashioned—					
Dozen pairs	414, 114	350, 832	63, 282	----------	----------
Value	$2, 518, 621	$2, 220, 166	$298, 455	----------	----------
Seamless—					
Dozen pairs	1, 227, 408	1, 227, 408	----------	----------	----------
Value	$5, 938, 319	$5, 938, 319	----------	----------	----------
Rayon—					
Full-fashioned—					
Dozen pairs	109, 537	109, 537	----------	----------	----------
Value	$304, 858	$304, 858	----------	----------	----------
Seamless—					
Dozen pairs	362, 200	362, 200	----------	----------	----------
Value	$775, 001	$775, 001	----------	----------	----------
Rayon with cotton tops, heels, and toes—					
Full-fashioned—					
Dozen pairs	238, 738	238, 738	----------	----------	----------
Value	$505, 206	$505, 206	----------	----------	----------
Seamless—					
Dozen pairs	5, 111, 905	5, 111, 905	----------	----------	----------
Value	$10, 304, 337	$10, 304, 337	----------	----------	----------

See footnotes at end of table.

TABLE 10.—PRODUCTS, BY CLASS, KIND, QUANTITY, AND VALUE, FOR THE KNIT-GOODS INDUSTRY AND FOR ITS BRANCHES, FOR THE UNITED STATES: 1927—Continued

CLASS AND KIND	Total for the knit-goods industry	PRODUCTS OF ESTABLISHMENTS ENGAGED PRIMARILY IN THE MANUFACTURE OF—			
		Hosiery	Underwear	Outerwear	Knit cloth
Hosiery—Continued.					
Men's—Continued					
Mixtures—					
Cotton and wool—					
Full-fashioned—					
Dozen pairs	18,695	18,343	----------	352	----------
Value	$106,246	$104,694	----------	$1,552	----------
Seamless—					
Dozen pairs	3,629,327	3,278,592	180,804	63,569	106,362
Value	$8,953,356	$7,889,986	$488,522	$102,041	$472,807
Silk and wool—					
Full-fashioned—					
Dozen pairs	3,935	3,935	----------	----------	----------
Value	$47,684	$47,684	----------	----------	----------
Seamless—					
Dozen pairs	114,381	114,381	----------	----------	----------
Value	$819,855	$819,855	----------	----------	----------
Silk and cotton—					
Full-fashioned—					
Dozen pairs	22,330	22,330	----------	----------	----------
Value	$168,756	$168,756	----------	----------	----------
Seamless—					
Dozen pairs	171,904	171,904	----------	----------	----------
Value	$646,822	$646,822	----------	----------	----------
Silk and rayon—					
Full-fashioned—					
Dozen pairs	57,917	57,917	----------	----------	----------
Value	$171,169	$171,169	----------	----------	----------
Seamless—					
Dozen pairs	2,420,864	2,420,864	----------	----------	----------
Value	$10,872,027	$10,872,027	----------	----------	----------
Rayon and wool—					
Full-fashioned—					
Dozen pairs	1,602	1,602	----------	----------	----------
Value	$10,978	$10,978	----------	----------	----------
Seamless—					
Dozen pairs	401,976	366,874	35,102	----------	----------
Value	$1,650,183	$1,536,101	$114,082	----------	----------
Rayon and cotton—					
Full-fashioned—					
Dozen pairs	143,427	143,427	----------	----------	----------
Value	$363,399	$363,399	----------	----------	----------
Seamless—					
Dozen pairs	5,815,076	5,774,169	40,907	----------	----------
Value	$13,324,039	$13,221,771	$102,268	----------	----------
Triple-mixtures—					
Full-fashioned—					
Dozen pairs	17,131	17,131	----------	----------	----------
Value	$144,544	$144,544	----------	----------	----------
Seamless—					
Dozen pairs	1,815,761	1,808,700	7,061	----------	----------
Value	$6,370,770	$6,342,526	$28,244	----------	----------
Women's—					
Total dozen pairs	44,717,028	44,219,316	481,358	14,892	1,462
Total value	$314,312,017	$308,934,286	$5,302,196	$63,276	$12,259
Full-fashioned—					
Total dozen pairs	19,771,030	19,431,421	339,472	137	----------
Total value	$227,414,977	$222,338,971	$5,074,650	$1,356	----------
Seamless—					
Total dozen pairs	24,945,998	24,787,895	141,886	14,755	1,462
Total value	$86,897,040	$86,595,315	$227,546	$61,920	$12,259
All-cotton—					
Full-fashioned—					
Dozen pairs	371,484	371,484	----------	----------	----------
Value	$1,091,988	$1,091,988	----------	----------	----------
Seamless—					
Dozen pairs	10,456,410	10,445,868	2,000	8,542	----------
Value	$18,260,350	$18,230,443	$3,000	$26,907	----------
All-wool—					
Full-fashioned—					
Dozen pairs	11,439	11,331	80	28	----------
Value	$91,151	$89,835	$960	$356	----------
Seamless—					
Dozen pairs	39,274	39,202	----------	72	----------
Value	$340,369	$339,435	----------	$934	----------

TABLE 10.—PRODUCTS, BY CLASS, KIND, QUANTITY, AND VALUE, FOR THE KNIT-GOODS INDUSTRY AND FOR ITS BRANCHES, FOR THE UNITED STATES: 1927—Continued

CLASS AND KIND	Total for the knit-goods industry	PRODUCTS OF ESTABLISHMENTS ENGAGED PRIMARILY IN THE MANUFACTURE OF—			
		Hosiery	Underwear	Outerwear	Knit cloth
Hosiery—Continued.					
Women's—Continued.					
All pure-thread silk—					
Full-fashioned—					
Dozen pairs	3,079,374	2,936,370	143,004		
Value	$42,226,441	$39,961,780	$2,264,661		
Seamless—					
Dozen pairs	297,161	297,161			
Value	$2,101,028	$2,101,028			
Pure-thread silk with lisle or cotton tops, heels, and toes—					
Full-fashioned—					
Dozen pairs	14,758,140	14,561,643	196,388	109	
Value	$170,927,164	$168,117,135	$2,809,029	$1,000	
Seamless—					
Dozen pairs	2,852,823	2,852,823			
Value	$20,879,399	$20,879,399			
All-rayon—					
Seamless—					
Dozen pairs	532,044	392,600	139,444		
Value	$1,447,221	$1,224,111	$223,110		
Rayon, with cotton tops, heels, and toes—					
Full-fashioned—					
Dozen pairs	94,598	94,598			
Value	$356,262	$356,262			
Seamless—					
Dozen pairs	4,495,323	4,495,323			
Value	$12,840,812	$12,840,812			
Mixtures—					
Cotton and wool—					
Full-fashioned—					
Dozen pairs	30,771	30,771			
Value	$210,088	$210,088			
Seamless—					
Dozen pairs	198,692	197,230			1,462
Value	$868,790	$856,531			$12,259
Silk and wool—					
Full-fashioned—					
Dozen pairs	198,675	198,675			
Value	$2,236,950	$2,236,950			
Seamless—					
Dozen pairs	44,120	43,929		191	
Value	$418,148	$416,906		$1,242	
Silk and cotton—					
Full-fashioned—					
Dozen pairs	322,000	322,000			
Value	$3,280,188	$3,280,188			
Seamless—					
Dozen pairs	118,172	118,172			
Value	$644,795	$644,795			
Silk and rayon—					
Full-fashioned—					
Dozen pairs	644,754	644,754			
Value	$5,311,410	$5,311,410			
Seamless—					
Dozen pairs	2,915,132	2,909,182		5,950	
Value	$15,761,196	$15,728,359		$32,837	
Rayon and wool—					
Full-fashioned—					
Dozen pairs	32,548	32,548			
Value	$335,183	$335,183			
Seamless—					
Dozen pairs	520,697	520,255	442		
Value	$3,230,526	$3,229,090	$1,436		
Rayon and cotton—					
Full-fashioned—					
Dozen pairs	95,929	95,929			
Value	$479,645	$479,645			
Seamless—					
Dozen pairs	959,976	959,976			
Value	$2,679,138	$2,679,138			
Triple mixtures—					
Full-fashioned—					
Dozen pairs	131,318	131,318			
Value	$868,507	$868,507			
Seamless—					
Dozen pairs	1,516,174	1,516,174			
Value	$7,425,268	$7,425,268			

TABLE 10.—PRODUCTS, BY CLASS, KIND, QUANTITY, AND VALUE, FOR THE KNIT-GOODS INDUSTRY AND FOR ITS BRANCHES, FOR THE UNITED STATES: 1927—Continued

CLASS AND KIND	Total for the knit-goods industry	PRODUCTS OF ESTABLISHMENTS ENGAGED PRIMARILY IN THE MANUFACTURE OF—			
		Hosiery	Underwear	Outerwear	Knit cloth
Hosiery—Continued.					
Boys', misses', and children's—					
Total dozen pairs	14, 189, 371	14, 173, 882	100	10, 768	4, 621
Total value	$31, 554, 450	$31, 473, 735	$850	$43, 456	$36, 409
Full-fashioned—					
Total dozen pairs	20, 234	17, 995	100	2, 139	----------
Total value	$159, 771	$149, 795	$850	$9, 126	----------
Seamless—					
Total dozen pairs	14, 169, 137	14, 155, 887	----------	8, 629	4, 621
Total vlaue	$31, 394, 679	$31, 323, 940	----------	$34, 330	$36, 409
All-cotton—					
Seamless—					
Dozen pairs	10, 865, 495	10, 863, 925	----------	1, 570	----------
Value	$19, 443, 506	$19, 441, 253	----------	$2, 253	----------
All-wool—					
Full-fashioned—					
Dozen pairs	172	----------	100	72	----------
Value	$1, 708	----------	$850	$858	----------
Seamless—					
Dozen pairs	72, 311	68, 114	----------	349	3, 848
Value	$349, 929	$314, 042	----------	$2, 907	$32, 980
All pure-thread silk—					
Seamless—					
Dozen pairs	14, 229	14, 229	----------	----------	----------
Value	$157, 444	$157, 444	----------	----------	----------
Pure-thread silk with lisle or cotton tops, heels, and toes—					
Full-fashioned—					
Dozen pairs	17, 420	17, 420	----------	----------	----------
Value	$148, 070	$148, 070	----------	----------	----------
Seamless—					
Dozen pairs	27, 501	27, 501	----------	----------	----------
Value	$180, 032	$180, 032	----------	----------	----------
All-rayon—					
Seamless—					
Dozen pairs	12, 226	12, 226	----------	----------	----------
Value	$42, 277	$42, 277	----------	----------	----------
Rayon with cotton tops, heels, and toes—					
Seamless—					
Dozen pairs	584, 697	584, 697	----------	----------	----------
Value	$1, 849, 109	$1, 849, 109	----------	----------	----------
Mixtures—					
Cotton and wool—					
Seamless—					
Dozen pairs	327, 001	325, 903	----------	325	773
Value	$1, 511, 160	$1, 505, 450	----------	$2, 281	$3, 429
Silk and wool—					
Seamless—					
Dozen pairs	160	160	----------	----------	----------
Value	$959	$959	----------	----------	----------
Silk and cotton—					
Seamless—					
Dozen pairs	63, 424	63, 061	----------	363	----------
Value	$216, 981	$215, 075	----------	$1, 906	----------
Silk and rayon—					
Seamless—					
Dozen pairs	262, 661	261, 639	----------	1, 022	----------
Value	$1, 138, 689	$1, 133, 706	----------	$4, 983	----------
Rayon and wool—					
Full-fashioned—					
Dozen pairs	2, 067	----------	----------	2, 067	----------
Value	$8, 268	----------	----------	$8, 268	----------
Seamless—					
Dozen pairs	140, 725	135, 725	----------	5, 000	----------
Value	$705, 637	$685, 637	----------	$20, 000	----------
Rayon and cotton—					
Seamless—					
Dozen pairs	1, 744, 895	1, 744, 895	----------	----------	----------
Value	$5, 581, 872	$5, 581, 872	----------	----------	----------
Triple mixtures—					
Full-fashioned—					
Dozen pairs	575	575	----------	----------	----------
Value	$1, 725	$1, 725	----------	----------	----------
Seamless—					
Dozen pairs	53, 812	53, 812	----------	----------	----------
Value	$217, 084	$217, 084	----------	----------	----------

TABLE 10.—PRODUCTS, BY CLASS, KIND, QUANTITY, AND VALUE, FOR THE KNIT-GOODS INDUSTRY AND FOR ITS BRANCHES, FOR THE UNITED STATES: 1927—Continued

CLASS AND KIND	Total for the knit-goods industry	PRODUCTS OF ESTABLISHMENTS ENGAGED PRIMARILY IN THE MANUFACTURE OF—			
		Hosiery	Underwear	Outerwear	Knit cloth
Hosiery—Continued.					
Infants' hose—					
Total dozen pairs	6,838,939	6,598,696	240,218	25	
Total value	$13,020,707	$12,592,515	$427,937	$255	
Full-fashioned—					
Total dozen pairs	35,246	35,246			
Total value	$109,515	$109,515			
Seamless—					
Total dozen pairs	6,803,693	6,563,450	240,218	25	
Total value	$12,911,192	$12,483,000	$427,937	$255	
All-cotton—					
Full-fashioned—					
Dozen pairs	5,035	5,035			
Value	$18,881	$18,881			
Seamless—					
Dozen pairs	3,047,017	2,987,017	60,000		
Value	$4,569,981	$4,518,990	$50,991		
All-wool—					
Seamless—					
Dozen pairs	243,959	163,934	80,000	25	
Value	$686,892	$516,666	$169,971	$255	
All pure-thread silk—					
Full-fashioned—					
Dozen pairs	30,211	30,211			
Value	$90,634	$90,634			
Seamless—					
Dozen pairs	58,385	58,385			
Value	$283,629	$283,629			
Pure-thread silk with lisle or cotton tops, heels, and toes—					
Seamless—					
Dozen pairs	187,058	187,058			
Value	$674,358	$674,358			
All-rayon—					
Seamless—					
Dozen pairs	128,386	28,386	100,000		
Value	$259,912	$55,948	$203,964		
Rayon with cotton tops, heels, and toes—					
Seamless—					
Dozen pairs	1,653,820	1,653,820			
Value	$3,066,282	$3,066,282			
Mixtures—					
Cotton and wool—					
Seamless—					
Dozen pairs	171,819	171,601	218		
Value	$426,869	$423,858	$3,011		
Silk and wool—					
Seamless—					
Dozen pairs	38,744	38,744			
Value	$157,263	$157,263			
Silk and cotton—					
Seamless—					
Dozen pairs	1,282	1,282			
Value	$3,362	$3,362			
Silk and rayon—					
Seamless—					
Dozen pairs	95,159	95,159			
Value	$315,432	$315,432			
Rayon and wool—					
Seamless—					
Dozen pairs	170,192	170,192			
Value	$474,323	$474,323			
Rayon and cotton—					
Seamless—					
Dozen pairs	960,597	960,597			
Value	$1,874,382	$1,874,382			
Triple mixtures—					
Seamless—					
Dozen pairs	47,275	47,275			
Value	$118,507	$118,507			

TABLE 10.—PRODUCTS, BY CLASS, KIND, QUANTITY, AND VALUE, FOR THE KNIT-GOODS INDUSTRY AND FOR ITS BRANCHES, FOR THE UNITED STATES: 1927—Continued

CLASS AND KIND	Total for the knit-goods industry	PRODUCTS OF ESTABLISHMENTS ENGAGED PRIMARILY IN THE MANUFACTURE OF—			
		Hosiery	Underwear	Outerwear	Knit cloth
Knit underwear, total value	$148,664,366	$2,437,462	$143,069,986	$2,062,355	$1,094,563
Shirts and drawers—					
Total dozen pieces	8,492,497	55,496	8,168,763	98,241	169,997
Total value	$38,961,039	$530,977	$37,010,780	$901,102	$518,180
All-cotton—					
Dozen pieces	7,049,037	2,883	6,848,991	45,144	152,019
Value	$24,022,053	$18,592	$23,367,210	$253,667	$382,584
All-wool—					
Dozen pieces	60,597	1,695	58,878	24	----------
Value	$1,393,111	$34,567	$1,356,375	$2,169	----------
Cotton and wool mixed—					
Dozen pieces	373,059	2,526	358,833	11,700	----------
Value	$4,696,334	$53,310	$4,394,323	$248,701	----------
Silk—					
Knit from warps—					
Dozen pieces	114,547	8,145	82,538	22,264	1,600
Value	$1,906,176	$102,815	$1,526,266	$250,801	$26,294
Knit from cones—					
Dozen pieces	35,653	1,360	33,487	806	----------
Value	$399,663	$19,720	$362,236	$17,707	----------
Silk and rayon mixtures—					
Knit from warps—					
Dozen pieces	12,973	----------	12,973	----------	----------
Value	$253,445	----------	$253,445	----------	----------
Knit from cones—					
Dozen pieces	11,481	9,444	2,037	----------	----------
Value	$103,114	$76,371	$26,743	----------	----------
Rayon—					
Dozen pieces	754,458	28,851	690,975	18,301	16,331
Value	$5,762,554	$221,684	$5,305,332	$127,825	$107,713
Other—					
Dozen pieces	80,692	592	80,051	2	47
Value	$424,589	$3,918	$418,850	$232	$1,589
Union suits—					
Total dozens	9,785,906	22,278	9,696,262	36,847	30,519
Total value	$83,684,762	$411,660	$82,552,771	$502,820	$217,511
All-cotton—					
Dozens	8,339,636	6,368	8,286,711	26,564	19,993
Value	$59,268,975	$81,152	$58,889,462	$202,563	$95,798
All-wool—					
Dozens	104,285	16	103,131	1,138	----------
Value	$2,966,489	$816	$2,891,810	$73,863	----------
Cotton and wool mixed—					
Dozens	702,110	1,758	696,226	4,126	----------
Value	$14,293,925	$44,445	$14,105,142	$144,338	----------
Silk—					
Knit from warps—					
Dozens	15,744	3,454	10,320	1,970	----------
Value	$480,199	$105,457	$331,541	$43,201	----------
Knit from cones—					
Dozens	37,497	----------	37,474	23	----------
Value	$485,741	----------	$484,704	$1,037	----------
Silk and rayon mixtures—					
Knit from warps—					
Dozens	348	----------	348	----------	----------
Value	$7,512	----------	$7,512	----------	----------
Knit from cones—					
Dozens	20,414	1,414	19,000	----------	----------
Value	$173,975	$42,420	$131,555	----------	----------
Rayon—					
Dozens	442,145	4,441	424,196	2,998	10,510
Value	$4,965,710	$66,727	$4,742,823	$35,576	$120,584
Other—					
Dozens	123,727	4,827	118,856	28	16
Value	$1,042,236	$70,643	$968,222	$2,242	$1,129

TABLE 10.—PRODUCTS, BY CLASS, KIND, QUANTITY, AND VALUE, FOR THE KNIT-GOODS INDUSTRY AND FOR ITS BRANCHES, FOR THE UNITED STATES: 1927—Continued

CLASS AND KIND	Total for the knit-goods industry	PRODUCTS OF ESTABLISHMENTS ENGAGED PRIMARILY IN THE MANUFACTURE OF—			
		Hosiery	Underwear	Outerwear	Knit cloth
Knit underwear—Continued.					
Bloomers and step-ins—					
Total dozens	1,759,603	86,339	1,590,675	51,698	30,891
Total value	$17,396,005	$1,070,752	$15,447,370	$598,213	$279,670
All-cotton—					
Dozens	458,218	26	457,992	----------	200
Value	$2,004,587	$299	$2,003,838	----------	$450
All-wool—					
Dozens	1,461	1,461	----------	----------	----------
Value	$37,986	$37,986	----------	----------	----------
Cotton and wool mixed—					
Dozens	2,011	----------	1,911	100	----------
Value	$12,262	----------	$11,062	$1,200	----------
Silk—					
Knit from warps—					
Dozens	133,087	15,779	95,075	22,233	----------
Value	$3,084,046	$300,754	$2,454,289	$329,003	----------
Knit from cones—					
Dozens	16,487	470	16,017	----------	----------
Value	$291,451	$16,920	$274,531	----------	----------
Silk and rayon mixtures—					
Knit from warps—					
Dozens	14,947	----------	14,947	----------	----------
Value	$332,921	----------	$332,921	----------	----------
Knit from cones—					
Dozens	25,936	11,643	5,965	----------	8,328
Value	$295,698	$123,896	$80,195	----------	$91,607
Rayon—					
Dozens	1,095,188	56,960	986,500	29,365	22,363
Value	$11,241,178	$590,897	$10,194,658	$268,010	$187,613
Other—					
Dozens	12,268	----------	12,268	----------	----------
Value	$95,876	----------	95,876	----------	----------
Slips and petticoats—					
Total dozens	217,752	21,428	178,336	4,278	13,710
Total value	$3,027,355	$424,073	$2,477,831	$47,720	$77,731
All-cotton—					
Dozens	24,190	----------	23,490	700	----------
Value	$102,825	----------	$97,925	$4,900	----------
All-wool—					
Dozens	300	----------	----------	300	----------
Value	$3,150	----------	----------	$3,150	----------
Cotton and wool mixed—					
Dozens	65,547	----------	63,947	1,600	----------
Value	$556,322	----------	$537,122	$19,200	----------
Silk—					
Knit from warps—					
Dozens	19,646	3,722	5,924	----------	10,000
Value	$530,334	$141,377	$348,957	----------	$40,000
Knit from cones—					
Dozens	8,421	----------	8,061	360	----------
Value	$174,343	----------	$167,843	$6,500	----------
Silk and rayon mixtures—					
Knit from warps—					
Dozens	2,246	----------	246	----------	2,000
Value	$15,281	----------	$5,281	----------	$10,000
Knit from cones—					
Dozens	910	----------	----------	----------	910
Value	$9,975	----------	----------	----------	$9,975
Rayon—					
Dozens	96,492	17,706	76,668	1,318	800
Value	$1,635,125	$282,696	$1,320,703	$13,970	$17,756
Infants' underwear, value	$5,595,205	----------	$5,581,234	$12,500	$1,471
Outerwear, total value	$129,079,402	$1,304,604	$9,157,084	$116,261,998	$2,355,716
Sweaters, sweater coats, jerseys, etc.—					
Dozens	3,780,64	493	376,230	3,352,911	51,014
Value	$74,642,[illegible]2	$29,200	$4,910,935	$69,083,137	$619,420

TABLE 10.—PRODUCTS, BY CLASS, KIND, QUANTITY, AND VALUE, FOR THE KNIT-GOODS INDUSTRY AND FOR ITS BRANCHES, FOR THE UNITED STATES: 1927—Continued

CLASS AND KIND	Total for the knit-goods industry	PRODUCTS OF ESTABLISHMENTS ENGAGED PRIMARILY IN THE MANUFACTURE OF—			
		Hosiery	Underwear	Outerwear	Knit cloth
Outerwear—Continued.					
Bathing suits—					
Dozens	739,807	----------	51,049	606,281	82,477
Value	$15,857,238	----------	$526,926	$14,475,393	$854,919
Scarfs and shawls—					
Dozens	187,754	693	3,200	183,816	45
Value	$2,214,684	$16,663	$25,000	$2,172,856	$165
Headwear (except infants')—					
Dozens	700,412	591	44,262	655,537	22
Value	$3,876,630	$4,855	$344,603	$3,526,922	$250
Neckties—					
Dozens	1,810,377	67,587	----------	1,742,770	20
Value	$5,852,997	$186,406	----------	$5,666,552	$39
Sueded-cotton gloves—					
Dozen pairs	28,108	----------	----------	28,108	----------
Value	$350,462	----------	----------	$350,462	----------
Gloves (except sueded-cotton)—					
Dozen pairs	836,415	31,153	186,737	618,525	----------
Value	$6,450,932	$98,162	$2,005,879	$4,346,891	----------
Mittens—					
Dozen pairs	185,531	17,067	----------	168,464	----------
Value	$536,504	$65,373	----------	$471,131	----------
Athletic and golf hose—					
Dozen pairs	950,357	205,229	24,214	716,897	4,017
Value	$4,278,433	$898,936	$78,769	$3,252,514	$48,214
Dresses and suits—					
Number	868,481	----------	110,512	721,991	35,978
Value	$6,251,642	----------	$1,078,243	$4,862,215	$311,184
Infants' outerwear, value	$6,890,246	$5,009	$17,748	$6,867,489	----------
Collars, cuffs, and bands for lumber jacks, value	$448,829	----------	$9,835	$438,994	----------
Other outerwear, value	$1,428,113	----------	$159,146	$747,442	$521,525
Knit cloth, total value	$56,171,697	$373,803	$2,317,203	$2,789,718	$50,690,973
Wool jersey—					
Square yards	10,236,293	----------	246,500	638,321	9,351,472
Value	$11,296,075	----------	$310,067	$828,185	$10,157,823
Other knit woolens—					
Square yards	1,874,877	----------	8,000	158,865	1,708,012
Value	$2,725,556	----------	$5,091	$270,041	$2,450,424
Silk jersey (including milanese)—					
Square yards	3,509,474	916,820	187,616	764,970	1,640,068
Value	$2,802,206	$365,874	$161,746	$705,423	$1,569,163
Rayon tubing (including tricolette)—					
Square yards	28,818,656	8,059	143,845	500,000	28,166,752
Value	$20,873,189	$7,598	$239,874	$282,559	$20,343,158
Sueded-cotton cloth—					
Square yards	24,340	----------	----------	21,896	2,444
Value	$37,337	----------	----------	$34,849	$2,488
Towels and toweling—					
Square yards	1,034,676	----------	----------	----------	1,034,676
Value	$659,295	----------	----------	----------	$659,295
Stockinette, value	$957,358	$331	$10,035	$163,603	$783,389
Glove and shoe linings, value	$4,773,415	----------	$487,686	$9,957	$4,275,772
Other knit cloth, value	$12,047,266	----------	$1,102,704	$495,101	$10,449,461
Other knit goods, value	$13,187,959	$2,499,378	$5,327,786	$1,643,966	$3,716,829
Cotton yarn for sale:[2]					
Pounds	6,168,831	4,476,404	1,682,529	9,898	----------
Value	$1,891,301	$1,300,001	$589,141	$2,159	----------
Cotton waste for sale:					
Pounds	15,298,967	1,586,357	12,735,278	703,168	274,164
Value	$1,013,101	$92,208	$870,400	$42,659	$7,834
Old bagging and ties, value	$14,015	$4,755	$8,117	$1,091	$52
Receipts for contract work	$5,888,588	$2,864,866	$450,295	$1,522,516	$1,050,911
Other products (not normally belonging to the industry), value	$7,116,708	$276,775	$4,699,128	$1,394,539	$746,266

[1] The figures for infants' hose follow those for hosiery and the figures for athletic and golf hose appear under outerwear.
[2] See footnote 1, Table 6.

TABLE 11.—GENERAL STATISTICS, FOR THE KNIT-GOODS INDUSTRY, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data for individual establishments. Certain of the "Other States," however reported larger values of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower	Paid for contract work	Salaries	Wages	Cost of materials, supplies, containers for products, fuel, and power		Value of products	Value added by manufacture [1]
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)					Materials, supplies, and containers	Fuel and power		
United States	1,869	204,232	980	12,969	190,283	177,216	$11,161,256	$34,569,194	$188,163,458	$416,187,834	$7,911,550	$816,620,494	$392,521,110
Alabama	13	2,089	3	60	2,026	1,844	----------	159,553	1,036,350	4,291,117	67,800	5,958,343	1,599,426
California	43	1,679	31	201	1,447	1,076	1,309	476,379	1,654,103	3,547,861	35,111	8,174,056	4,591,084
Connecticut	15	1,530	48	115	1,367	2,298	2,622	303,787	1,421,319	2,227,870	90,908	5,181,152	2,862,374
Georgia	37	6,325	-------	300	6,025	5,022	161,604	775,782	3,376,352	9,290,204	203,564	16,760,900	7,267,132
Illinois	55	4,878	25	413	4,440	4,626	37,431	933,100	3,908,423	9,217,182	261,508	17,553,482	8,074,792
Indiana	9	5,638	-------	319	5,319	2,676	277,759	1,073,045	6,254,271	11,939,180	187,869	29,067,291	16,940,242
Kentucky	7	1,224	-------	51	1,173	633	13,973	95,735	661,980	1,197,202	23,619	2,593,548	1,372,727
Louisiana	4	874	3	34	837	583	----------	111,723	467,831	1,018,003	27,751	1,812,055	766,301
Maryland	8	1,017	1	48	968	680	63,406	112,052	565,678	2,178,156	32,837	3,333,097	1,122,104
Massachusetts	93	10,746	43	1,043	9,660	14,812	481,460	2,770,919	9,339,035	21,863,151	452,752	43,936,724	21,620,821
Michigan	20	2,849	6	177	2,666	4,188	----------	482,874	2,464,450	5,098,534	180,048	10,880,615	5,602,033
New Hampshire	16	2,110	6	72	2,032	2,890	120,317	286,337	1,784,989	3,974,083	108,881	7,092,861	3,009,897
New Jersey	85	6,394	41	378	5,975	5,514	871,491	1,333,457	8,815,318	16,304,299	222,563	35,851,312	19,324,450
New York	577	34,885	394	2,666	31,825	48,926	4,498,263	7,065,622	33,953,021	82,778,321	2,062,784	159,818,016	74,976,911
North Carolina	128	18,123	48	648	17,427	13,717	362,089	1,640,142	11,961,326	36,824,109	546,670	61,365,806	23,995,027
Ohio	35	4,212	15	230	3,967	3,137	31,520	614,081	3,796,081	8,756,853	146,339	17,088,516	8,185,324
Pennsylvania	487	55,304	268	3,069	51,967	34,222	3,239,596	8,815,623	63,393,860	115,960,696	1,796,673	234,166,337	116,408,968
Rhode Island	21	1,746	5	105	1,636	1,724	277,815	370,308	1,782,583	6,339,126	89,509	10,724,483	4,295,848
South Carolina	11	1,130	1	45	1,084	1,388	----------	90,762	586,526	1,617,165	41,717	3,016,986	1,385,104
Tennessee	59	17,143	6	595	16,542	11,461	118,364	1,882,672	10,436,628	25,107,139	506,259	44,559,667	18,946,269
Utah	10	319	3	67	249	117	4,212	99,771	171,214	407,252	7,911	912,626	497,463
Vermont	7	1,261	2	75	1,184	1,085	105	146,394	1,102,761	2,355,847	69,092	5,160,371	2,735,432
Virginia	21	3,259	4	133	3,122	1,914	----------	367,344	1,879,849	5,646,731	86,788	9,054,805	3,321,286
Washington	9	323	4	33	286	192	1,800	69,003	197,551	538,676	6,805	1,170,403	624,922
Wisconsin	57	12,508	14	1,396	11,098	7,729	445,848	2,900,855	12,469,766	24,737,779	406,699	55,838,366	30,693,888
Other States [2]	42	6,666	9	696	5,961	4,762	150,272	1,591,874	4,682,193	12,971,298	249,093	25,548,676	12,328,285

[1] Value of products less cost of materials, supplies, containers for products, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Arkansas, 1 establishment; Delaware, 3; Iowa, 4; Minnesota, 14; Mississippi, 2; Missouri, 2; Maine, 3; Oregon, 5; Texas, 4; West Virginia, 3; Wyoming, 1.

TABLE 12.—HOSIERY—SUMMARY FOR THE UNITED STATES: 1927, 1925, AND 1923

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Paid for contract work	Cost of materials, supplies, containers for products, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	672	112,842	$114,677,845	$5,724,609	$229,939,536	$456,913,137	$226,973,601	76,431
1925	683	103,930	93,382,979	9,618,411	228,141,806	421,180,221	193,038,415	67,947
1923	721	96,957	78,762,357	11,542,132	222,410,791	390,273,178	167,862,387	67,567
	PER CENT OF INCREASE OR DECREASE (—)							
1925-1927	—1.6	8.6	22.8	—40.5	0.8	8.5	17.6	12.5
1923-1925	—5.3	7.2	18.6	—16.7	2.6	7.9	15.0	.6
1923-1927	—6.8	16.4	45.6	—50.4	3.4	17.1	35.2	13.1

[1] Value of products less cost of materials, supplies, containers for products, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

TABLE 13.—HOSIERY—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
Prime movers, total	18,815	*Horsepower* 76,431	13,790	*Horsepower* 67,947	13,123	*Horsepower* 67,567
Steam engines	177	21,681	195	21,862	237	27,702
Steam turbines	10	2,175	12	3,261		
Internal-combustion engines	9	209	16	455	21	460
Water wheels and turbines	48	3,530	47	3,307	52	3,644
Electric motors driven by purchased current	18,571	48,836	13,520	39,062	12,813	35,761
Electric motors, total	22,925	61,094	17,819	51,187	17,074	50,068
Driven by purchased current	18,571	48,836	13,520	39,062	12,813	35,761
Driven by current generated in establishment reporting	4,354	12,258	4,299	12,125	4,261	14,307
Electric generators	138	*Kilowatts* 11,241	118	*Kilowatts* 13,301	(1)	*Kilowatts* (1)

[1] Not called for on schedule.

TABLE 14.—HOSIERY—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data for individual establishments. Certain of the "Other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower	Paid for contract work
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)		
United States	672	119,189	175	6,172	112,842	76,431	$5,724,609
Alabama	9	1,410	3	32	1,375	683	----------
Georgia	26	5,370	-------	244	5,126	4,484	161,604
Illinois	17	3,137	1	225	2,911	3,376	1,107
Louisiana	4	874	3	34	837	583	----------
Massachusetts	18	3,913	2	259	3,652	4,696	359,746
Michigan	8	1,181	5	84	1,092	1,013	----------
New Jersey	23	4,343	-------	214	4,129	3,783	811,037
New York	18	1,887	6	123	1,758	1,199	47,805
North Carolina	117	15,528	47	540	14,941	9,380	362,089
Pennsylvania	277	42,724	88	2,142	40,494	25,372	2,811,434
Rhode Island	8	548	1	34	513	591	35,933
Tennessee	51	13,337	5	494	12,838	6,442	118,364
Virginia	12	2,002	2	70	1,930	649	----------
Wisconsin	16	9,017	2	889	8,126	5,339	380,569
Other States [1]	68	13,918	10	788	13,120	8,841	634,921

STATE	Salaries	Wages	Cost of materials, supplies, containers for products, fuel, and power		Value of products	Value added by manufacture [2]
			Materials, supplies, and containers	Fuel and power		
United States	$17,523,181	$114,677,845	$226,017,607	$3,921,929	$456,913,137	$226,973,601
Alabama	75,025	690,596	2,949,171	40,543	4,013,412	1,023,698
Georgia	642,107	2,879,753	7,631,707	171,617	13,912,714	6,109,390
Illinois	519,613	2,340,347	5,864,786	215,568	10,701,066	4,620,712
Louisiana	111,723	467,831	1,018,003	27,751	1,812,055	766,301
Massachusetts	905,864	3,735,915	6,204,175	143,958	14,242,273	7,894,140
Michigan	249,675	961,440	2,439,563	64,573	4,361,396	1,857,260
New Jersey	894,093	6,908,236	11,657,099	126,492	27,274,349	15,490,758
New York	523,476	2,146,131	3,477,890	77,035	8,658,210	5,103,285
North Carolina	1,240,170	10,389,378	32,413,671	476,907	52,993,881	20,103,303
Pennsylvania	6,438,008	52,934,734	85,994,201	1,377,462	181,684,163	94,312,500
Rhode Island	95,739	571,334	940,976	19,872	2,099,541	1,138,693
Tennessee	1,561,602	7,907,015	20,222,386	359,407	35,679,932	15,098,139
Virginia	169,604	1,059,149	2,527,957	52,057	4,275,584	1,695,570
Wisconsin	1,843,241	9,849,331	18,521,650	281,738	42,921,845	24,118,457
Other States [1]	2,253,241	11,836,655	24,154,372	486,949	52,282,716	27,641,395

[1] California, 4 establishments; Connecticut, 3; Delaware, 2; Indiana, 4; Iowa, 3; Kentucky, 6; Maryland, 6; Minnesota, 1; Mississippi, 2; New Hampshire, 12; Ohio, 6; South Carolina, 9; Texas, 4; Vermont, 3; West Virginia, 3.

[2] Value of products less cost of materials, supplies, containers for products, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

TABLE 15.—UNDERWEAR—SUMMARY FOR THE UNITED STATES: 1927, 1925, AND 1923

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Paid for contract work	Cost of materials, supplies, containers for products, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	285	46,227	$39,182,748	$1,521,973	$90,727,774	$173,423,491	$82,695,717	67,455
1925	298	48,328	40,144,599	1,853,813	110,773,496	188,570,118	77,796,622	70,755
1923	326	48,552	39,931,603	690,096	106,760,056	182,355,328	75,595,272	73,525
	PER CENT OF INCREASE OR DECREASE (—)							
1925–1927	—4.4	—4.3	—2.4	—17.9	—18.1	—8.0	6.3	—4.7
1923–1925	—8.6	—.5	.5	168.6	3.8	3.4	2.9	—3.8
1923–1927	—12.6	—4.8	—1.9	120.5	—15.0	—4.9	9.4	—8.3

[1] Value of products less cost of materials, supplies, containers for products, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

TABLE 16.—UNDERWEAR—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
Prime movers, total	5,633	*Horsepower* 67,455	4,597	*Horsepower* 70,755	4,886	*Horsepower* 73,525
Steam engines	136	26,096	132	27,196	161	35,201
Steam turbines	9	4,368	12	7,944		
Internal-combustion engines	7	640	10	2,455	12	902
Water wheels and turbines	38	5,900	47	6,338	58	8,292
Electric motors driven by purchased current	5,443	30,451	4,396	26,822	4,655	29,130
Electric motors, total	7,504	42,218	7,062	43,660	6,282	42,007
Driven by purchased current	5,443	30,451	4,396	26,822	4,655	29,130
Driven by current generated in establishment reporting	2,061	11,767	2,666	16,838	1,627	12,877
Electric generators	85	*Kilowatts* 14,374	102	*Kilowatts* 15,702	(1)	*Kilowatts* (1)

[1] Not called for on schedule.

TABLE 17.—UNDERWEAR—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data for individual establishments. Certain of the "Other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower	Paid for contract work
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)		
United States	285	49,512	143	3,142	46,227	67,455	$1,521,973
Alabama	4	679	-------	28	651	1,161	----------
Connecticut	6	1,094	43	46	1,005	1,666	1,874
Georgia	8	786	-------	42	744	442	----------
Massachusetts	24	4,663	6	543	4,114	8,560	----------
Michigan	5	1,508	-------	64	1,444	2,797	----------
New York	82	17,543	13	899	16,631	29,987	1,294,595
North Carolina	7	2,485	-------	105	2,380	4,148	----------
Ohio	6	1,274	3	84	1,187	895	----------
Pennsylvania	89	6,716	68	462	6,186	5,080	181,224
Tennessee	7	3,800	1	98	3,701	5,014	----------
Utah	6	155	3	21	131	52	4,212
Other States [1]	41	8,809	6	750	8,053	7,653	40,068

STATE	Salaries	Wages	Cost of materials, supplies, containers for products, fuel, and power		Value of products	Value added by manufacture [2]
			Materials, supplies, and containers	Fuel and power		
United States	$7,736,393	$39,182,748	$88,592,355	$2,135,419	$173,423,491	$82,695,717
Alabama	84,528	345,754	1,341,946	27,257	1,944,931	575,728
Connecticut	151,967	1,038,261	1,512,776	51,724	3,652,263	2,087,763
Georgia	75,429	361,965	1,311,050	24,899	2,209,570	873,621
Massachusetts	1,060,869	3,612,400	7,188,559	181,338	15,768,311	8,398,414
Michigan	170,453	1,340,421	2,178,036	102,232	5,741,848	3,461,580
New York	2,336,597	15,728,285	30,516,366	970,036	61,302,820	29,816,418
North Carolina	392,996	1,553,797	4,296,184	62,707	8,160,194	3,801,303
Ohio	227,034	925,366	2,343,467	32,807	4,508,402	2,132,128
Pennsylvania	1,165,792	4,969,126	14,439,893	197,307	25,013,424	10,376,224
Tennessee	316,870	2,527,795	4,861,859	146,696	8,841,735	3,833,180
Utah	27,796	91,272	192,974	3,353	398,150	201,823
Other States [1]	1,726,062	6,688,306	18,409,245	335,063	35,881,843	17,137,535

[1] Arkansas, 1 establishment; California, 2; Illinois, 4; Indiana, 3; Maryland, 1; Minnesota, 2; New Hampshire, 2; New Jersey, 4; Rhode Island, 2; South Carolina, 2; Vermont, 4; Virginia, 8; Wisconsin, 6.

[2] Value of products less cost of materials, supplies, containers for products, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

TABLE 18.—OUTERWEAR—SUMMARY FOR THE UNITED STATES: 1927, 1925, AND 1923

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Paid for contract work	Cost of materials, supplies, containers for products, fuel, and power	Value of products	Value added by manufacture[1]	Horsepower
1927	775	24,662	$26,199,962	$2,650,279	$64,122,921	$125,940,929	$61,818,008	21,668
1925	874	27,986	27,738,485	3,193,941	77,547,876	143,502,293	65,954,417	23,586
1923	1,128	41,503	40,824,274	7,131,102	110,188,282	208,757,722	98,569,440	28,768
	PER CENT OF DECREASE							
1925-1927	−11.3	−11.9	−5.5	−17.0	−17.3	−12.2	−6.3	−8.1
1923-1925	−22.5	−32.6	−32.1	−55.2	−29.6	−31.3	−33.1	−18.0
1923-1927	−31.3	−40.6	−35.8	−62.8	−41.8	−39.7	−37.3	−24.7

[1] Value of products less cost of materials, supplies, containers for products, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

TABLE 19.—OUTERWEAR—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
		Horsepower		*Horsepower*		*Horsepower*
Prime movers, total	5,635	21,668	5,526	23,586	6,617	28,768
Steam engines	44	5,797	41	5,938	88	11,015
Steam turbines	8	376	4	390		
Internal-combustion engines	3	106	6	119	16	254
Water wheels and turbines	10	1,187	13	1,552	16	1,302
Electric motors driven by purchased current	5,570	14,202	5,462	15,587	6,497	16,197
Electric motors, total	6,197	16,042	5,742	17,526	7,627	20,515
Driven by purchased current	5,570	14,202	5,462	15,587	6,497	16,197
Driven by current generated in establishment reporting	627	1,840	280	1,939	1,130	4,318
		Kilowatts		*Kilowatts*		*Kilowatts*
Electric generators	25	2,704	31	3,000	(1)	(1)

[1] Not called for on schedule.

TABLE 20.—OUTERWEAR—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data for individual establishments. Certain of the "Other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower	Paid for contract work
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)		
United States	775	28,244	597	2,985	24,662	21,668	$2,650,279
alifornia	37	1,197	29	135	1,033	741	1,309
linois	33	815	24	78	713	474	14,416
Iassachusetts	39	1,322	30	139	1,153	669	61,442
ew Jersey	52	1,104	35	104	965	823	36,593
ew York	403	11,839	338	1,334	10,167	11,935	2,322,391
hio	20	2,415	8	122	2,285	1,542	19,195
ennsylvania	100	4,966	100	360	4,506	2,225	123,870
tah	4	164	-------	46	118	65	----------
Vashington	9	323	4	33	286	192	1,800
Visconsin	34	2,514	12	367	2,135	1,637	65,279
ther States [1]	44	1,585	17	267	1,301	1,365	3,984

STATE	Salaries	Wages	Cost of materials, supplies, containers for products, fuel, and power		Value of products	Value added by manufacture [2]
			Materials, supplies, and containers	Fuel and power		
United States	$7,281,043	$26,199,962	$62,936,106	$1,186,815	$125,940,929	$61,818,008
alifornia	285,540	1,032,007	2,202,765	20,970	4,750,032	2,526,297
linois	222,546	821,422	1,968,480	25,781	3,896,246	1,901,985
Iassachusetts	441,726	1,088,298	2,926,919	47,309	5,626,598	2,652,370
ew Jersey	284,161	1,186,062	2,049,829	45,843	4,610,692	2,515,020
ew York	3,277,787	11,908,534	29,434,814	634,225	59,320,816	29,251,777
hio	316,972	2,405,584	5,127,075	93,399	10,342,349	5,121,875
ennsylvania	901,433	4,468,185	11,505,896	165,287	20,941,290	9,270,107
tah	71,975	79,942	214,278	4,558	514,476	295,640
Vashington	69,003	197,551	538,676	6,805	1,170,403	624,922
Visconsin	796,653	1,890,903	3,965,756	73,688	8,190,541	4,151,097
ther States [1]	613,247	1,121,474	3,001,618	68,950	6,577,486	3,506,918

[1] Connecticut, 4 establishments; Delaware, 1; Georgia, 1; Iowa, 1; Kentucky, 1; Maine, 3; Michigan, 4; Minnesota, 11; Missouri, 1; New Hampshire, 2; North Carolina, 4; Oregon, 5; Rhode Island, 4; Tennessee, ; Wyoming, 1.

[2] Value of products less cost of materials, supplies, containers for products, fuel, and power. (See secs. 8 and 21, pp. 9 and 10.)

TABLE 21.—KNIT CLOTH—SUMMARY FOR THE UNITED STATES: 1927, 1925, AND 1923

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	137	6,552	$8,102,903	$1,264,395	$39,309,153	$60,342,937	$21,033,784	11,662
1925	132	6,424	7,416,777	1,055,763	37,462,602	56,707,581	19,244,979	14,342
1923	148	7,232	8,753,350	1,320,070	44,660,946	66,790,506	22,129,560	13,815
	PER CENT OF INCREASE OR DECREASE (−)							
1925–1927	3.8	2.0	9.3	19.8	4.9	6.4	9.3	−18.7
1923–1925	−10.8	−11.2	−15.3	−20.0	−16.1	−15.1	−13.0	3.8
1923–1927	−7.4	−9.4	−7.4	−4.2	−12.0	−9.7	−5.0	−15.6

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

TABLE 22.—KNIT CLOTH—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
Prime movers, total	1,388	*Horsepower* 11,662	1,310	*Horsepower* 14,342	1,609	*Horsepower* 13,815
Steam engines	23	3,680	26	5,188	34	6,755
Steam turbines			1	667		
Internal-combustion engines	3	45	1	40	2	30
Water wheels and turbines	2	150	9	1,371	11	1,815
Electric motors driven by purchased current	1,360	7,787	1,273	7,076	1,562	5,215
Electric motors, total	1,819	10,619	1,987	15,559	2,032	11,034
Driven by purchased current	1,360	7,787	1,273	7,076	1,562	5,215
Driven by current generated in establishment reporting	459	2,832	714	8,483	470	5,819
Electric generators	13	*Kilowatts* 1,907	18	*Kilowatts* 2,646	(1)	*Kilowatts* (1)

[1] Not called for on schedule.

TABLE 23.—KNIT CLOTH—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data for individual establishments]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower	Paid for contract work
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)		
United States	137	7,287	65	670	6,552	11,662	$1,264,395
Massachusetts	12	848	5	102	741	887	60,272
New York	74	3,616	37	310	3,269	5,805	833,472
Pennsylvania	21	898	12	105	781	1,545	123,068
Rhode Island	7	529	2	38	489	653	223,722
Other States [1]	23	1,396	9	115	1,272	2,772	23,861

STATE	Salaries	Wages	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [2]
			Materials and supplies	Fuel and power		
United States	$2,028,577	$8,102,903	$38,641,766	$667,387	$60,342,937	$21,033,784
Massachusetts	362,460	902,422	5,543,498	80,147	8,299,542	2,675,897
New York	927,762	4,170,071	19,349,251	381,488	30,536,170	10,805,431
Pennsylvania	310,390	1,021,815	4,020,706	56,617	6,527,460	2,450,137
Rhode Island	136,781	609,731	3,651,719	27,255	5,707,389	2,028,415
Other States [1]	291,184	1,398,864	6,076,592	121,880	9,272,376	3,073,904

[1] Connecticut, 2 establishments; Georgia, 2; Illinois, 1; Indiana, 2; Maryland, 1; Michigan, 3; Missouri 1; New Jersey, 6; Ohio, 3; Virginia, 1; Wisconsin, 1.
[2] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

103734—30——22

LINOLEUM AND ASPHALTED-FELT-BASE FLOOR COVERINGS

[A preliminary report for these industries was issued under date of October 8, 1928]

Description of the industries.—The establishments classified under the industry designation "Linoleum" are those whose principal products are plain, printed, and inlaid linoleum, and a form of linoleum known as cork carpet. Linoleum is made on a textile (burlap) foundation or backing. This foundation material is not made within the industry but is purchased; therefore the process of manufacture consists principally in mixing and applying the ingredients with which the fabric is coated.

The "Asphalted-felt-base floor coverings" industry consists in the manufacture of floor coverings which resemble linoleum, made by printing or painting on the surface of a foundation of asphalted felt.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1921 TO 1927

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
THE INDUSTRIES COMBINED							
1927	19	7,806	$11,871,452	$40,402,077	$81,543,026	$41,140,949	50,336
1925	17	7,336	9,730,469	34,897,117	77,531,936	42,634,819	41,415
1923	16	7,943	10,579,450	36,417,225	77,807,266	41,390,041	25,905
1921	19	5,693	7,207,943	25,635,055	48,622,153	22,987,098	(2)
Per cent of increase or decrease (−):							
1925–1927	(3)	6.4	22.0	15.8	5.3	−3.5	21.5
1923–1925	(3)	−7.6	−8.0	−4.2	−.4	3.0	59.9
1923–1927	(3)	−.7	12.2	10.9	4.9	−.6	94.3
LINOLEUM							
1927	7	5,364	$8,176,644	$24,215,618	$47,442,441	$23,226,823	41,432
1925	6	4,872	6,392,699	19,966,626	44,999,453	25,032,827	31,840
1923	7	6,261	8,375,839	27,277,311	52,527,106	25,249,795	23,205
1921	9	4,877	6,226,341	21,918,444	38,474,848	16,556,404	(2)
Per cent of increase or decrease (−):							
1925–1927	(3)	10.1	27.9	21.3	5.6	−7.2	30.1
1923–1925	(3)	−22.2	−23.7	−26.8	−14.3	−.9	37.2
1923–1927	(3)	−14.3	−2.4	−11.2	−9.5	−8.0	78.5
ASPHALTED-FELT-BASE FLOOR COVERINGS							
1927	12	2,442	$3,694,808	$16,186,459	$34,100,585	$17,914,126	8,904
1925	11	2,464	3,337,770	14,930,491	32,532,483	17,601,992	9,575
1923	9	1,682	2,203,611	9,139,914	25,280,160	16,140,246	2,700
1921	10	816	981,602	3,716,611	10,147,305	6,430,694	(2)
Per cent of increase or decrease (−):							
1925–1927	(3)	−0.9	10.7	8.4	4.8	1.8	−7.0
1923–1925	(3)	46.5	51.5	63.4	28.7	9.1	254.6
1923–1927	(3)	45.2	67.7	77.1	34.9	11.0	229.8

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Not called for on schedule.
[3] Per cent not computed where base is less than 100.

TABLE 2.—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
THE INDUSTRIES COMBINED						
Prime movers, total	2,931	*Horsepower* 50,336	2,364	*Horsepower* 41,415	1,338	*Horsepower* 25,905
Steam engines	38	9,384	40	9,542	51	10,960
Steam turbines	12	2,738	10	2,137		
Internal-combustion engines	1	5				
Electric motors driven by purchased current	2,880	38,209	2,314	29,736	1,287	14,945
Electric motors, total	3,516	47,845	2,886	39,548	1,738	20,611
Driven by purchased current	2,880	38,209	2,314	29,736	1,287	14,945
Driven by current generated in establishment reporting	636	9,636	572	9,812	451	5,666
Electric generators	34	*Kilowatts* 5,961	32	*Kilowatts* 6,630	(1)	*Kilowatts* (1)
LINOLEUM						
Prime movers, total	2,087	*Horsepower* 41,432	1,600	*Horsepower* 31,840	1,094	*Horsepower* 23,20[illegible]
Steam engines	33	8,346	31	8,308	45	10,180
Steam turbines	10	1,768	7	1,553		
Internal-combustion engines	1	5				
Electric motors driven by purchased current	2,043	31,313	1,562	21,979	1,049	13,02[illegible]
Electric motors, total	2,556	40,021	1,998	30,595	1,381	17,882
Driven by purchased current	2,043	31,313	1,562	21,979	1,049	13,025
Driven by current generated in establishment reporting	513	8,708	436	8,616	332	4,857
Electric generators	29	*Kilowatts* 5,036	28	*Kilowatts* 5,995	(1)	*Kilowatts* (1)
ASPHALTED-FELT-BASE FLOOR COVERINGS						
Prime movers, total	844	*Horsepower* 8,904	764	*Horsepower* 9,575	244	*Horsepower* 2,700
Steam engines	5	1,038	9	1,234	6	780
Steam turbines	2	970	3	584		
Electric motors driven by purchased current	837	6,896	752	7,757	238	1,920
Electric motors, total	960	7,824	888	8,953	357	2,729
Driven by purchased current	837	6,896	752	7,757	238	1,920
Driven by current generated in establishment reporting	123	928	136	1,196	119	809
Electric generators	5	*Kilowatts* 925	4	*Kilowatts* 635	(1)	*Kilowatts* (1)

[1] Not called for on schedule.

TABLE 3.—PRODUCTS, BY CLASS, KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1927, 1925, AND 1923

CLASS AND KIND	1927	1925	1923
Linoleum and asphalted-felt-base floor coverings industries, all products, total value	$81,543,026	$77,531,936	$77,807,266
Linoleum:			
Total square yards	49,921,494	52,830,194	53,060,155
Total value	$42,039,062	$44,512,515	$44,588,996
Piece goods—			
Total square yards	43,166,261	46,840,281	48,641,939
Total value	$37,865,086	$40,273,814	$41,152,705
Inlaid—			
Total square yards	18,176,590	19,164,285	17,913,658
Total value	$19,100,680	$18,529,339	$18,166,926
Straight-line—			
Square yards	10,969,322	(1)	(1)
Value	$11,501,578	(1)	(1)
Molded—			
Square yards	7,207,268	(1)	(1)
Value	$7,599,102	(1)	(1)
Plain—			
Total square yards	9,284,962	8,881,585	8,693,052
Total value	$10,303,419	$10,381,581	$9,487,707
Battleship and A—			
Square yards	6,617,295	(1)	(1)
Value	$8,393,733	(1)	(1)
B, C, D, and E—			
Square yards	2,667,667	(1)	(1)
Value	$1,909,686	(1)	(1)
Printed—			
Total square yards	15,183,571	18,304,219	21,519,509
Total value	$7,946,262	$10,817,182	$12,915,552
12/4 and 16/4—			
Square yards	4,769,981	(1)	(1)
Value	$2,623,259	(1)	(1)
8/4 and 10/4—			
Square yards	10,413,590	(1)	(1)
Value	$5,323,003	(1)	(1)
Cork carpet—			
Square yards	521,138	490,192	515,720
Value	$514,725	$545,712	$582,520
Rugs—			
Square yards	6,755,233	5,989,913	4,418,216
Value	$4,173,976	$4,238,701	$3,436,291
Asphalted-felt-base floor coverings:			
Total square yards	111,793,136	77,888,999	71,076,078
Total value	$34,900,255	$30,029,431	$30,239,508
Piece goods—			
Total square yards	59,710,679	55,456,697	38,902,323
Total value	$14,983,205	$17,625,922	$11,764,458
12/4—			
Square yards	10,528,809	(1)	(1)
Value	$3,150,549	(1)	(1)
8/4—			
Square yards	44,401,230	(1)	(1)
Value	$10,681,852	(1)	(1)
Narrower than 8/4—			
Square yards	4,780,640	(1)	(1)
Value	$1,150,804	(1)	(1)
Rugs—			
Square yards	52,082,457	22,432,302	32,173,755
Value	$19,917,050	$12,403,509	$18,475,050
Minor products (saturated felt, linoleum paste, etc.), value	$3,186,906	$1,333,179	$1,177,297
Miscellaneous products (not normally belonging to the industry), value	$1,416,803	$1,656,811	$1,801,465

[1] Not reported separately.

MATS AND MATTING, GRASS AND COIR

Description of the industry.—The establishments classified in this industry e engaged primarily in the manufacture of doormats, floor mattings, art uares, rugs, and carpets from such materials as wire grass, reeds, and coir yarn oir being the fiber prepared from the outer husk of the coconut).

No data as to quantities and values of individual classes of products were llected for this industry.

Decrease in number of establishments.—The decrease from 10 establishments 1925 to 7 in 1927 resulted from 1 establishment remaining idle throughout e year and 2 reporting commodities other than grass and coir mats and mat-ng as their principal products and being therefore transferred to the appropriate dustries.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1919 TO 1927

ata for establishments with products under $5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 6]

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
27	[2] 7	422	$398,426	$668,856	$1,536,567	$867,711	1,425
25	10	902	766,871	1,526,453	3,491,538	1,965,085	2,147
23	11	986	896,989	1,509,467	3,890,359	2,380,892	1,980
21	13	628	570,134	1,020,348	2,321,710	1,301,362	(3)
19	12	1,073	810,607	2,102,580	4,860,855	2,758,275	1,670
	PER CENT OF INCREASE OR DECREASE (—)						
25–1927	(4)	—53.2	—48.0	—56.2	—56.0	—55.8	—33.6
23–1925	(4)	—8.5	—14.5	1.1	—10.3	—17.5	8.4
23–1927	(4)	—57.2	—55.6	—55.7	—60.5	—63.6	—28.0
19–1927	(4)	—60.7	—50.8	—68.2	—68.4	—68.5	—14.7

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] California, 1 establishment; Minnesota, 1; New York, 2; Pennsylvania, 1; Wisconsin, 2.
[3] Not called for on schedule.
[4] Per cent not computed where base is less than 100.

MILLINERY

[A preliminary report for this industry was issued under date of February 11, 1929]

Description of the industry.—This industry embraces establishments engaged primarily in the manufacture of women's and children's trimmed hats, hat frames, millinery trimmings and hat linings for sale as such, and of infants' headwear (except that made in knitting mills). Many of the trimmed hats are made from wool-felt and fur-felt bodies, purchased in the rough and shaped and finished in millinery establishments.

The millinery industry was given a separate classification for the first time at the census for 1927. At prior censuses it formed a part of a group of industries under the title "Millinery and lace goods, not elsewhere classified." No comparable figures can be given, therefore, for years prior to 1927.

TABLE 1.—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927

TYPE	1927	
	Number	Capacity
		Horsepower
Prime movers, total	4,247	7,920
Steam engines	26	1,754
Steam turbines	3	7
Internal-combustion engines	2	20
Electric motors driven by purchased current	4,216	6,139
Electric motors, total	4,355	6,776
Driven by purchased current	4,216	6,139
Driven by current generated in establishment reporting	139	637
		Kilowatts
Electric generators	9	675

TABLE 2.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, BY STATES: 1927

CLASS	Quantity (dozens)	Value
1. Millinery industry, all products, total value		$209, 494, 828
2. Millinery		208, 093, 781
3. Other products (not normally belonging to the industry)		970, 817
4. Receipts for contract work		430, 230
5. Millinery made as a secondary product in other industries, value		2, 373, 571
Millinery, all industries: Aggregate value (sum of 2 and 5)		210, 467, 352
Trimmed hats, total	11, 930, 663	185, 601, 952
California	222, 352	7, 764, 518
Georgia	100, 169	1, 928, 161
Illinois	1, 352, 912	24, 749, 852
Massachusetts	214, 108	4, 046, 656
Michigan	73, 275	1, 738, 816
Minnesota	22, 399	1, 203, 487
Missouri	542, 944	11, 761, 162
New York	8, 742, 919	115, 358, 763
Ohio	137, 957	3, 847, 999
Pennsylvania	131, 865	3, 568, 438
Texas	40, 208	1, 385, 136
Wisconsin	135, 048	3, 511, 698
Other States	214, 507	4, 737, 266
Hat frames, total	1, 542, 823	2, 910, 815
Illinois	207, 247	397, 065
Missouri	124, 377	204, 775
New York	980, 056	1, 609, 620
Other States	231, 143	699, 355
Hat linings, total		7, 190, 081
New York		5, 961, 164
Other States		1, 228, 917
Millinery trimmings, total		3, 050, 439
Illinois		1, 005, 633
New York		1, 782, 471
Other States		262, 335
Infants' headwear, total		7, 521, 452
New York		7, 151, 767
Other States		369, 685
Minor products		4, 192, 613

TABLE 3.—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data reported by individual establishments]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)	
United States	1,148	39,499	843	5,345	33,311	7,920
California	55	2,220	58	204	1,958	267
Georgia	6	588	2	46	540	177
Illinois	138	5,020	104	618	4,298	1,617
Indiana	3	234	--------	17	217	12
Iowa	4	176	--------	7	169	12
Maryland	9	221	7	51	163	25
Massachusetts	33	1,584	29	110	1,445	830
Michigan	8	343	5	24	314	211
Minnesota	7	469	4	106	359	356
Missouri	58	3,496	30	488	2,978	591
New Jersey	11	334	12	14	308	45
New York	705	20,256	523	3,100	16,633	2,810
Ohio	20	1,076	5	121	950	126
Pennsylvania	41	1,173	44	147	982	171
Texas	9	462	3	68	391	29
Washington	9	277	2	53	222	27
Wisconsin	8	1,099	1	98	1,000	558
Other States [1]	24	471	14	73	384	56

STATE	Salaries	Wages	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [2]
			Materials and supplies	Fuel and power		
United States	$14,020,920	$46,787,735	$102,558,160	$931,554	$209,494,828	$106,005,114
California	494,697	2,010,182	3,523,542	19,641	8,102,270	4,559,087
Georgia	146,639	424,323	997,064	11,667	1,928,161	919,430
Illinois	1,798,441	5,660,793	12,469,296	120,332	26,913,402	14,323,774
Indiana	37,952	198,676	304,032	2,006	660,887	354,849
Iowa	14,800	139,203	227,500	200	548,506	320,806
Maryland	65,508	140,075	289,795	3,282	687,393	394,316
Massachusetts	253,676	1,361,602	2,247,418	65,881	4,493,674	2,180,375
Michigan	76,402	421,748	861,884	14,380	1,742,816	866,552
Minnesota	212,412	307,296	773,984	12,732	1,543,413	756,697
Missouri	1,035,303	2,712,435	5,449,240	55,863	12,214,602	6,709,499
New Jersey	47,432	280,735	379,105	5,885	897,145	512,155
New York	8,454,398	29,366,876	67,245,573	542,206	133,961,262	66,173,483
Ohio	280,500	948,085	1,815,871	18,571	3,903,342	2,068,900
Pennsylvania	308,112	1,059,524	2,358,649	23,045	4,373,819	1,992,125
Texas	166,951	240,430	717,305	2,845	1,404,907	684,757
Washington	135,222	222,670	420,706	2,531	862,114	438,877
Wisconsin	329,576	951,878	1,838,193	24,538	3,878,988	2,016,257
Other States [1]	162,899	341,204	639,003	5,949	1,378,127	733,175

[1] Alabama, 1 establishment; Colorado, 1; Connecticut, 5; Louisiana, 3; Nebraska, 3; Oklahoma, 1 Oregon, 3; South Carolina, 1; South Dakota, 1; Tennessee, 3; Virginia, 2.

[2] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

OILCLOTH

[A preliminary report for this industry was issued under date of October 8, 1928]

Description of the industry.—The establishments classified under the industry designation "Oilcloth" are those engaged primarily in the manufacture of enameled, table and shelf, and wall oilcloth. Oilcloth is made on a textile foundation of unbleached cotton sheeting or drill. This foundation material is not made within the industry but is purchased, so that the process of manufacture consists principally in mixing and applying the ingredients with which the fabric is coated.

Number of establishments.—The oilcloth industry shows a decrease from 9 establishments in 1925 to 8 in 1927, the result of the loss of 1 establishment which went out of business before the beginning of 1927.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1919 TO 1927

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	8	1,072	$1,745,575	$11,818,624	$17,642,442	$5,823,818	3,565
1925	9	1,160	1,675,299	13,549,171	17,843,375	4,294,204	3,484
1923	9	1,203	1,781,016	12,165,028	17,719,054	5,554,026	2,886
1921	10	947	1,337,126	9,283,993	13,691,448	4,407,455	(2)
1919	11	1,130	1,200,877	11,140,723	15,436,875	4,296,152	4,251
	PER CENT OF INCREASE OR DECREASE (—)						
1925-1927	(3)	—7.6	4.2	—12.8	—1.1	35.6	2.3
1923-1925	(3)	—3.6	—5.9	11.4	.7	—22.7	20.7
1923-1927	(3)	—10.9	—2.0	—2.8	—.4	4.9	23.5
1919-1927	(3)	—5.1	45.4	6.1	14.3	35.6	—16.1

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Not called for on schedule.
[3] Per cent not computed where base is less than 100.

TABLE 2.—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
		Horsepower		*Horsepower*		*Horsepower*
Prime movers, total	236	3,565	195	3,484	138	2,886
Steam engines	9	2,185	9	2,280	11	2,420
Steam turbines	1	75	1	90		
Electric motors driven by purchased current	226	1,305	185	1,114	127	466
Electric motors, total	765	4,623	711	4,539	645	3,630
Driven by purchased current	226	1,305	185	1,114	127	466
Driven by current generated in establishment reporting	539	3,318	526	3,425	518	3,164
		Kilowatts		*Kilowatts*		*Kilowatts*
Electric generators	18	1,088	20	1,090	(1)	(1)

[1] Not called for on schedule.

TABLE 3.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1927, 1925, AND 1923

KIND	1927	1925	1923
1. Oilcloth industry, all products, total value	$17,642,442	$17,843,375	$17,719,054
2. Oilcloth	$17,501,137	$17,696,749	$17,245,518
3. Other products (not normally belonging to the industry)	$141,305	$146,626	$473,536
4. Oilcloth made as a secondary product in other industries, value	$1,261,824	$1,125,118	$1,468,433
Oilcloth, all industries:			
Total square yards	105,284,402	[1] 87,373,411	81,026,642
Total value (sum of 2 and 4)	$18,762,961	$18,821,867	$18,713,951
Enameled—			
Square yards	10,703,532	[1] 7,934,223	8,747,783
Value	$2,199,187	$1,853,509	$2,683,060
Table and shelf—			
Square yards	75,560,076	[1] 79,439,188	72,278,859
Value	$12,551,320	$16,968,358	$16,030,891
Wall—			
Square yards	19,020,794		
Value	$4,012,454		

[1] Revised.

SILK MANUFACTURES

[A preliminary report for this industry was issued under date of April 29, 1929]

Description of the industry.—This industry embraces two classes of establishments: (1) Those engaged primarily in the manufacture of silk fabrics and other finished silk products, not including knit fabrics, hosiery, and other knit goods made of silk, which are treated as a part of the "Knit goods" industry and covered by a separate report; (2) those engaged primarily in the manufacture of silk yarn, known technically as organzine, tram, hard or crêpe twist, and spun silk, and in the dressing of warps. (Organzine and tram, which, when used in weaving, constitute, respectively, the warp and the filling of silk fabrics, are made from silk by the process of "throwing." Hard or crêpe twist is yarn to which an extra twist has been given in order to make it kinky. Spun silk is produced by spinning the short-fibered silk from pierced cocoons or from waste silk which can not be thrown by the usual method.) The greater part of the work performed by throwsters and by warpers is done on contract.

Separate statistics for the two branches of the industry are given in Tables 5, 7, and 8, but in the other tables the industry is treated as a whole.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1919 TO 1927

[Data for establishments with products under $5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 6]

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	1,648	127,643	$140,053,588	$38,276,049	$445,390,676	$750,123,705	$304,733,029	221,249
1925	1,659	132,509	142,733,539	41,564,435	484,122,527	808,979,399	324,856,872	212,609
1923	1,598	125,234	126,849,454	30,340,699	479,038,263	761,322,119	282,283,856	206,020
1921	1,565	121,378	113,395,626	30,682,395	337,558,799	583,418,756	245,859,957	(2)
1919	1,369	126,782	108,226,330	43,146,201	388,469,022	688,469,523	300,000,501	173,748
	PER CENT OF INCREASE OR DECREASE (−)							
1925-1927	−0.7	−3.7	−1.9	−7.9	−8.0	−7.3	−6.2	4.1
1923-1925	3.8	5.8	12.5	37.0	1.1	6.3	15.1	3.2
1923-1927	3.1	1.9	10.4	26.2	−7.0	−1.5	8.0	7.4
1919-1927	20.4	.7	29.4	−11.3	14.7	9.0	1.6	27.3

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Not called for on schedule.

TABLE 2.—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
Prime movers, total	76,373	*Horse-power* 221,249	60,801	*Horse-power* 212,609	47,941	*Horse-power* 206,020
Steam engines	248	52,116	301	60,221	} 418	84,164
Steam turbines	19	14,395	61	17,083		
Internal-combustion engines	46	3,786	46	3,237	52	3,763
Water wheels and turbines	45	6,842	42	5,650	53	6,904
Electric motors driven by purchased current	76,015	144,110	60,351	126,418	47,418	111,189
Electric motors, total	93,297	172,071	78,601	156,108	61,065	143,480
Driven by purchased current	76,015	144,110	60,351	126,418	47,418	111,189
Driven by current generated in establishment reporting	17,282	27,961	18,250	29,690	13,647	32,291
Electric generators	178	*Kilowatts* 35,323	253	*Kilowatts* 45,345	(1)	*Kilowatts* (1)

[1] Not called for on schedule.

TABLE 3.—PRINCIPAL MATERIALS USED IN THE INDUSTRY—QUANTITY, BY KIND AND BY STATES: 1927, 1925, AND 1919

[This table presents statistics for all States for which separate figures can be given without disclosing the data reported by individual establishments. In the cases of certain classes of materials, however, some of the "Other States" outranked some of those shown separately. No data for materials were tabulated for 1923 and 1921]

MATERIAL AND STATE	QUANTITY (POUNDS)		
	1927	1925	1919
Raw silk	38,277,925	35,187,590	25,890,728
Connecticut	2,005,090	2,245,157	1,777,775
Massachusetts	1,857,779	1,319,238	1,109,943
New Jersey	7,413,246	7,476,799	7,966,034
New York	6,837,788	5,400,592	2,274,136
Pennsylvania	14,119,008	13,399,918	10,007,598
Rhode Island	993,708	1,385,317	808,948
Virginia	341,417	145,211	(1)
Other States	4,709,889	3,815,358	1,946,294
Organzine, tram, and hard crêpe twist	20,326,137	19,341,619	6,125,490
Connecticut	489,890	1,699,126	240,429
Massachusetts	816,475	110,439	42,143
New Jersey	5,480,859	5,453,185	3,504,601
New York	1,715,600	2,350,549	718,018
Pennsylvania	10,013,966	8,285,785	1,425,462
Rhode Island	848,156	717,008	(1)
Virginia	256,815	237,971	(1)
Other States	704,376	487,556	194,837
Spun silk	3,856,715	4,597,454	4,767,679
Connecticut	424,683	1,036,544	1,696,472
Massachusetts	113,854	98,443	(1)
New Jersey	204,973	353,908	724,068
New York	37,627	210,421	505,289
Pennsylvania	1,425,347	1,789,878	1,118,958
Rhode Island	1,416,795	833,670	521,040
Virginia	56,808	30,842	(1)
Other States	176,628	243,748	201,852

See footnotes at end of table.

BLE 3.—PRINCIPAL MATERIALS USED IN THE INDUSTRY—QUANTITY, BY KIND AND BY STATES: 1927, 1925, AND 1919—Continued

[See note at head of this table]

MATERIAL AND STATE	QUANTITY (POUNDS)		
	1927	1925	1919
rced cocoons, noils, and other waste	7,499,109	(2)	(2)
Connecticut	855,032	(2)	(2)
Massachusetts	4,392,495	(2)	(2)
New York	1,987,582	(2)	(2)
Other States	264,000	(2)	(2)
yon	23,158,452	15,728,292	3,039,257
Connecticut	729,272	939,858	202,879
Maryland	160,193	122,000	(1)
Massachusetts	216,550	165,630	64,183
New Jersey	3,746,717	3,854,446	555,728
New York	5,274,685	4,272,399	1,510,909
Pennsylvania	9,170,749	4,844,131	481,273
Rhode Island	513,827	213,144	(1)
Other States	3,346,459	1,316,684	224,285
tton yarns	16,858,767	15,390,174	17,958,012
Connecticut	2,395,668	2,056,445	4,581,857
Massachusetts	1,428,089	1,340,680	1,520,080
New Jersey	2,635,827	2,631,837	2,638,178
New York	1,670,406	1,516,421	2,597,189
Pennsylvania	5,833,232	5,114,528	4,438,514
Rhode Island	1,472,709	1,508,745	716,190
Other States	1,422,836	1,221,518	1,466,004
olen and worsted yarns	1,191,951	1,394,310	638,334
New Jersey	62,112	132,993	52,782
New York	180,841	212,903	73,702
Pennsylvania	730,497	775,829	324,621
Rhode Island	83,175	35,574	(1)
Other States	135,326	237,011	187,229
ohair yarns	1,085,939	(3)	(3)
her yarns [4]	1,697,815	1,535,730	1,042,790
Massachusetts	150,000	(1)	(1)
New Jersey	92,187	236,328	129,749
New York	158,568	234,559	138,827
Pennsylvania	392,383	545,160	218,948
Other States	904,677	519,683	555,266

[1] Included in figure for "Other States."
[2] Not called for on schedule.
[3] Included in figure for "Other yarns"
[4] Includes mohair for 1925 and 1919.

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1927, 1925, AND 1923

PRODUCT AND STATE	QUANTITY						VALUE		
	1927		1925		1923		1927	1925	1923
	Pounds	*Square yards*	*Pounds*	*Square yards*	*Pounds*	*Square yards*			
1. Silk industry, all products, total value							$750,123,705	$808,979,399	$761,322,119
2. Silk products							748,526,478	808,131,237	756,537,996
3. Other products (not normally belonging to the industry)							1,597,227	848,162	4,784,123
4. Silk manufactures made as secondary products in other industries, value							7,131,055	4,729,234	2,585,860
Silk products, all industries: Aggregate value (sum of 2 and 4) [1]							755,657,533	812,860,471	759,123,856
Broad silks, total	58,315,013	512,826,739	57,980,466	483,115,974	50,769,637	376,221,689	485,615,404	529,121,011	456,082,819
Connecticut	2,233,039	15,512,601	2,229,808	15,578,082	1,614,773	11,892,211	18,875,299	22,879,016	17,143,935
Massachusetts	4,548,978	30,327,260	3,953,812	22,720,205	2,239,657	14,363,190	27,691,749	24,928,741	20,540,450
New Jersey	13,719,072	126,643,054	14,328,702	124,638,645	13,696,287	103,848,754	121,337,201	136,692,860	134,992,562
New York	4,879,989	47,854,607	5,347,316	52,634,341	4,038,205	33,948,096	44,796,177	52,926,174	36,192,684
Pennsylvania	23,679,912	225,031,674	25,026,811	207,140,764	22,475,666	161,150,356	223,072,680	245,501,882	205,556,140
Rhode Island	4,545,767	36,531,020	4,372,161	38,504,094	4,003,025	30,903,440	25,158,678	27,243,498	24,909,945
Other States	4,708,256	30,926,523	2,721,856	21,899,843	2,702,024	20,115,642	24,683,620	18,948,840	16,747,103
All-silk, total	36,182,149	385,530,447	40,601,407	384,725,258	30,449,773	271,819,629	376,919,357	425,999,944	332,842,675
Connecticut	1,972,278	14,159,080	1,982,529	14,069,812	1,083,773	8,508,900	17,034,790	20,527,136	12,745,622
Massachusetts	2,576,726	21,942,561	1,907,998	14,698,383	832,179	8,835,160	19,966,767	15,687,935	10,765,892
New Jersey	9,566,053	99,810,496	10,896,878	108,288,744	9,356,918	84,560,836	95,577,333	117,131,147	106,443,290
New York	3,808,135	40,730,566	3,367,372	40,000,223	3,055,511	28,967,647	38,266,367	37,257,483	29,987,881
Pennsylvania	14,402,804	171,570,151	18,399,315	168,294,138	13,724,682	116,255,640	173,260,771	202,055,719	152,742,820
Rhode Island	2,181,283	21,366,800	2,141,618	23,079,291	1,353,683	14,078,873	16,593,086	19,187,048	11,496,244
Other States	1,674,870	15,950,793	1,905,697	16,294,667	1,043,027	10,612,573	16,220,243	14,153,476	8,660,926
Silk-mixed, total	22,132,864	127,296,292	17,379,059	98,390,716	20,319,864	104,402,060	108,696,047	103,121,067	123,240,144
Connecticut	260,761	1,353,521	247,279	1,508,270	531,000	3,383,311	1,840,509	2,351,880	4,398,313
Massachusetts	1,972,252	8,384,699	2,045,814	8,021,822	1,407,478	5,528,030	7,724,982	9,240,806	9,774,558
New Jersey	4,153,019	26,832,558	3,431,824	16,349,901	4,339,369	19,287,918	25,759,868	19,561,713	28,549,272
New York	1,071,854	7,124,041	1,979,944	12,634,118	982,694	4,980,449	6,529,810	15,668,691	6,204,803
Pennsylvania	9,277,108	53,461,523	6,627,496	38,846,626	8,750,984	44,894,716	49,811,909	43,446,163	52,813,320
Rhode Island	2,364,484	15,164,220	2,230,543	15,424,803	2,649,342	16,824,567	8,565,592	8,056,450	13,413,701
Other States	3,033,386	14,975,730	816,159	5,605,176	1,658,997	9,503,069	8,463,377	4,795,364	8,086,177
Velvets	1,927,712	5,484,095	2,479,428	6,077,893	3,402,710	9,108,598	11,909,215	14,524,662	23,879,903
Plushes	965,047	1,309,694	601,089	924,613	6,980,225	7,117,287	2,747,745	2,352,397	17,217,510
Upholstery goods and tapestries	2,762,874	3,705,240	1,194,614	2,675,151	2,509,025	3,798,782	8,302,979	5,037,238	10,635,974

Threads and yarns for sale:									
Organzine, tram, and crêpe twist, total	11,408,721	----------	[2] 9,659,697	----------	8,433,273	----------	70,247,417	[2] 66,478,002	67,417,258
New York	3,865,721	----------	[2] 3,084,916	----------	2,507,607	----------	25,383,334	[2] 22,432,508	21,088,192
Pennsylvania	3,120,345	----------	2,795,511	----------	2,180,842	----------	18,757,673	19,923,118	19,857,879
Other States	4,422,655	----------	3,779,270	----------	3,744,824	----------	26,106,410	24,122,376	26,471,187
Spun silk	4,455,990	----------	[2] 4,692,454	----------	3,486,136	----------	15,696,165	[2] 20,363,630	14,728,743
Machine twist, total	722,979	----------	859,505	----------	1,100,136	----------	6,474,216	8,970,959	11,409,920
Connecticut	269,703	----------	519,817	----------	486,985	----------	2,572,899	5,292,192	7,193,305
Massachusetts	91,844	----------	95,999	----------	(3)	----------	1,030,689	1,178,066	(3)
Pennsylvania	(4)	----------	(4)	----------	(4)	----------	(4)	(4)	(4)
Other States	361,432	----------	243,689	----------	613,151	----------	2,870,628	2,500,701	4,216,615
Sewing, embroidery, and other floss silk	659,200	----------	764,136	----------	651,571	----------	5,768,043	6,020,381	6,780,173
Rayon yarns, total	[6] 8,601,576	----------	4,687,309	----------	(5)	----------	15,787,879	10,227,690	(5)
New York	3,100,426	----------	1,900,294	----------	(5)	----------	5,794,892	4,506,531	(5)
Pennsylvania	3,864,519	----------	1,388,834	----------	(5)	----------	7,244,241	2,172,063	(5)
Other States	1,636,631	----------	1,398,181	----------	(5)	----------	2,748,746	3,549,096	(5)
Other (principally silk and rayon mixed)	1,822,645	----------	1,877,181	----------	(5)	----------	5,473,977	4,684,985	(5)

See footnotes at end of tab

TABLE 4.—PRODUCTS, BY KIND, QUANTITY, AND VALUE, BY STATES: 1927, 1925, AND 1923—Continued

PRODUCT AND STATE	VALUE		
	1927	1925	1923
Silk products, all industries—Continued.			
Ribbons, total	$36,040,945	$52,061,180	$52,121,13
Maryland	1,206,577	1,355,564	964,957
New Jersey	13,243,097	23,006,531	20,526,299
New York	3,983,450	5,132,779	9,244,041
Pennsylvania	15,815,720	20,860,918	19,865,285
Other States	1,792,101	1,705,388	1,521,253
Fringes and gimps, total	7,507,643	6,794,095	10,278,520
New York	4,541,199	4,717,073	5,901,732
Other States	2,966,444	2,077,022	4,376,788

PRODUCT AND STATE	VALUE		
	1927	1925	1923
Silk products, all industries—Continued.			
Braids and bindings, total	$11,284,678	$14,512,719	$17,555,885
New York	5,158,019	7,215,242	9,565,226
Pennsylvania	3,129,888	3,192,827	5,468,603
Other States	2,996,771	4,104,650	2,522,056
Silk warps, for sale	2,312,262	3,262,464	1,791,604
Minor silk products [7]	21,923,388	19,506,514	36,493,411
Amount received for contract work, total	48,565,577	48,942,544	32,730,301
New Jersey	10,230,029	11,078,410	7,078,581
New York	3,070,274	2,900,034	2,985,338
Pennsylvania	28,961,274	29,040,975	19,505,248
Other States	6,304,000	5,923,125	3,161,134

[1] These aggregates are the sums of all items in the columns beneath except those which are underlined.
[2] Revised figure.
[3] Included in figure for "Other States."
[4] Figures for Pennsylvania, which ranks second in the production of machine twist, can not be given separately without disclosing the production of individual establishments.
[5] No comparable data; included in figure for "Minor silk products."
[6] These figures refer to the quantities and values of rayon yarns thrown by establishments engaged primarily in throwing silk. The total output of rayon yarn in 1927, by establishments classified in the rayon industry, was 75,555,439 pounds, valued at $106,468,752. (See report on "Rayon," page 717.)
[7] Tassels, cords, trimmings, woven labels, and miscellaneous silk products.

TABLE 5.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, BY CHARACTER OF ESTABLISHMENT, FOR THE UNITED STATES: 1927 AND 1925

CLASS	Total for the industry	Establishments engaged primarily in— Manufacturing finished silk products	Establishments engaged primarily in— Throwing, winding, spinning, or warping
1927			
Total value	$750,123,705	$629,405,849	$120,717,856
Thrown silk:			
Total pounds	11,408,721	1,806,565	9,602,156
Total value	$70,247,417	$10,606,178	$59,641,239
Organzine—			
Pounds	1,223,528	293,176	930,352
Value	$7,851,853	$2,056,749	$5,795,104
Tram—			
Pounds	7,702,099	1,133,384	6,568,715
Value	$46,293,246	$6,188,610	$40,104,636
Crêpe twist—			
Pounds	2,483,094	380,005	2,103,089
Value	$16,102,318	$2,360,819	$13,741,499
Spun silk:			
Pounds	4,455,990	1,262,705	3,193,285
Value	$15,696,165	$4,725,823	$10,970,342
Machine twist, sewing, embroidery, and other floss silks:			
Pounds	1,382,179	1,352,042	30,137
Value	$12,242,259	$11,964,843	$277,416
Other products (mainly broad silks),[1] value	$603,372,287	$584,619,412	$18,752,875
Amount received for contract work	$48,565,577	$17,489,593	$31,075,984
Raw silk thrown on commission, total pounds	27,963,571	720,374	27,243,197
Organzine	3,825,702	262,085	3,563,617
Tram	9,751,583	73,695	9,677,888
Crêpe twist	14,386,286	384,594	14,001,692
1925			
Total value	$808,979,399	$686,454,085	$122,525,314
Thrown silk:			
Total pounds	[2] 9,659,697	1,025,467	[2] 8,634,230
Total value	[2] $66,478,002	$7,091,131	[2] $59,386,871
Organzine—			
Pounds	[2] 896,916	44,092	[2] 852,824
Value	[2] $7,268,243	$355,077	[2] $6,913,166
Tram—			
Pounds	6,016,017	687,039	5,328,978
Value	$37,490,639	$4,407,496	$33,083,143
Crêpe twist—			
Pounds	2,746,764	294,336	2,452,428
Value	$21,719,120	$2,328,558	$19,390,562
Spun silk:			
Pounds	[2] 4,692,454	1,494,671	[2] 3,197,783
Value	[2] $20,363,630	$6,828,939	[2] $13,534,691
Machine twist, sewing, embroidery, and other floss silks:			
Pounds	1,623,641	1,586,784	36,857
Value	$14,991,340	$14,742,588	$248,752
Other products (mainly broad silks),[1] value	$658,203,883	$639,277,324	$18,926,559
Amount received for contract work	$48,942,544	$18,514,103	$30,428,441
Raw silk thrown on commission, total pounds	26,401,659	919,929	25,481,730
Organzine	4,332,805	275,549	4,057,256
Tram	10,125,132	115,361	10,009,771
Crêpe twist	11,943,722	529,019	11,414,703

[1] See Table 4, p. 336.

[2] Revised figure.

TABLE 6.—RAW SILK THROWN ON COMMISSION—QUANTITY, BY CLASS AND BY STATES: 1921 TO 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data reported by individual establishments. In the cases of certain classes of products, however, some of the "Other States" outranked some of those shown separately]

STATE	RAW SILK THROWN (POUNDS)—			
	Total	Into organzine	Into tram	Into hard or crêpe twist
United States:				
1927	27, 963, 571	3, 825, 702	9, 751, 583	14, 386, 286
1925	26, 401, 659	4. 332, 805	10, 125, 132	11, 943, 722
1923	21, 587, 976	4, 326, 836	10, 265, 884	6, 995, 256
1921	21, 199. 254	6, 331, 792	10, 030, 789	4, 836, 673
New Jersey:				
1927	2, 135, 249	383, 768	436, 272	1, 315, 209
1925	1, 632, 605	431, 121	492, 482	709, 002
1923	2, 464, 970	399, 757	911, 627	1, 153, 586
1921	2, 160, 595	428, 740	1, 095, 534	636, 321
New York:				
1927	1, 979, 084	688, 904	964, 914	325, 266
1925	1, 876, 773	627, 428	958, 098	291, 247
1923	2, 063, 933	554, 002	1, 335, 812	174, 119
1921	2, 400, 786	1, 279, 859	1, 004, 618	116, 309
Pennsylvania:				
1927	21, 000, 576	2, 386, 884	6, 924, 674	11, 689, 018
1925	20, 255, 739	2, 723, 757	7, 456, 968	10, 075, 014
1923	14, 835, 941	2, 915, 946	7, 013, 950	4, 906, 045
1921	14, 321, 870	4, 198, 476	6, 203, 960	3, 919, 434
Other States:				
1927	2, 848, 662	366, 146	1, 425, 723	1, 056, 793
1925	2, 636, 542	550, 499	1, 217, 584	868, 459
1923	2, 223, 132	457, 131	1, 004, 495	761, 506
1921	2, 316, 003	424, 717	1, 726, 677	164, 609

TABLE 7.—SILK SPINDLES, ACTIVE—NUMBER, BY CLASS AND BY STATES: 1927 AND 1925

[Spindles active some time within the census year]

STATE	Census year	PRODUCING SPINDLES						WINDING SPINDLES (RAW SILK ONLY)	
		Total		In plants engaged primarily in throwing, winding, etc.		In other silk mills		In plants engaged primarily in throwing, winding, etc.	In other silk mills
		Spinning and twisting	Spinning only (spun silk)	Spinning and twisting	Spinning only (spun silk)	Spinning and twisting	Spinning only (spun silk)		
United States	1927	2,793,437	195,952	2,062,852	108,120	730,585	87,832	719,009	355,260
	1925	2,722,876	171,871	2,032,366	93,267	690,510	78,604	651,419	340,390
California	1927	6,404				6,404			2,656
	1925	3,026				3,026			1,349
Connecticut	1927	123,647	37,216	34,188		89,459	37,216	5,280	30,209
	1925	152,845	37,216	43,008		109,837	37,216	5,710	37,994
Georgia	1927	29,392		20,944		8,448		2,588	2,100
	1925	10,948		10,948				2,652	
Illinois	1927	32,529		32,529				50,911	
	1925	22,593		22,593				37,258	
Indiana	1927	2,688		2,688				9,700	
	1925								
Maine	1927	352				352			
	1925	1,934				1,934			650
Maryland	1927	33,758		32,558		1,200		11,320	684
	1925	35,794		31,354		4,440		10,300	680
Massachusetts	1927	138,800	75,702	11,386	26,970	127,414	48,732	6,136	24,606
	1925	127,964	66,419	10,192	25,031	117,772	41,388	6,882	22,820
Michigan	1927	16,500				16,500			5,800
	1925	16,576				16,576			5,740
New Hampshire	1927	600	2,520	600	2,520				
	1925	440	2,520	440	2,520				
New Jersey	1927	265,938	2,922	171,610	2,922	94,328		59,851	89,442
	1925	300,167	2,922	189,729	2,922	110,438		60,959	76,560
New York	1927	243,234	25,044	151,996	23,184	91,238	1,860	59,568	31,159
	1925	225,003	23,584	163,448	23,584	61,555		56,230	23,719
North Carolina	1927								62
	1925	5,019		1,925		3,094		2,700	4,718
Oregon	1927								60
	1925								
Pennsylvania	1927	1,797,993	13,848	1,534,679	13,824	263,314	24	475,387	138,186
	1925	1,743,469	16,210	1,494,475	16,210	248,994		421,096	135,880
Rhode Island	1927	38,208	23,200	6,280	23,200	31,928		3,040	29,052
	1925	18,924	23,000	6,080	23,000	12,844		1,440	29,020
Tennessee	1927	9,864		9,864				14,474	
	1925	8,700		8,700				9,270	
Virginia	1927	44,330	15,500	44,330	15,500			13,234	1,244
	1925	31,774		31,774				11,202	1,260
West Virginia	1927	9,200		9,200				7,520	
	1925	17,700		17,700				25,720	

TABLE 8.—SILK SPINDLES, IDLE—NUMBER, BY CLASS AND BY STATES: 1927 AND 1925

[Spindles idle throughout the census year]

STATE	Census year	PRODUCING SPINDLES						WINDING SPINDLES (RAW SILK ONLY)	
		Total		In plants engaged primarily in throwing, winding, etc.		In other silk mills		In plants engaged primarily in throwing, winding, etc.	In other silk mills
		Spinning and twisting	Spinning only (spun silk)	Spinning and twisting	Spinning only (spun silk)	Spinning and twisting	Spinning only (spun silk)		
United States	1927	138,238	22,840	89,423	13,824	48,815	9,016	40,766	24,656
	1925	105,377	27,947	78,738	27,935	26,639	12	54,926	17,950
Connecticut	1927	4,869	-------	-------	-------	4,869	-------	-------	2,398
	1925	3,921	-------	150	-------	3,771	-------	-------	2,660
Georgia	1927	2,112	-------	-------	-------	2,112	-------	-------	500
	1925	-------	-------	-------	-------	-------	-------	-------	-------
Illinois	1927	-------	-------	-------	-------	-------	-------	7,480	-------
	1925	1,672	-------	1,648	-------	24	-------	6,366	-------
Maine	1927	3,982	-------	-------	-------	3,982	-------	-------	-------
	1925	2,400	-------	-------	-------	2,400	-------	-------	118
Massachusetts	1927	4,238	9,810	-------	994	4,238	8,816	112	988
	1925	2,888	2,267	-------	2,255	2,888	12	-------	397
Michigan	1927	1,380	-------	-------	-------	1,380	-------	-------	2,040
	1925	1,116	-------	-------	-------	1,116	-------	-------	4,266
New Jersey	1927	13,378	990	3,358	990	10,020	-------	1,226	6,550
	1925	11,822	990	6,342	990	5,480	-------	1,032	3,565
New York	1927	4,548	12,040	1,984	11,840	2,564	200	764	1,328
	1925	23,884	22,400	20,740	22,400	3,144	-------	6,664	2,836
Pennsylvania	1927	95,831	-------	81,181	-------	14,650	-------	30,734	10,252
	1925	46,534	2,290	43,718	2,290	2,816	-------	28,176	4,009
Rhode Island	1927	5,000	-------	-------	-------	5,000	-------	-------	600
	1925	5,000	-------	-------	-------	5,000	-------	-------	99
Tennessee	1927	-------	-------	-------	-------	-------	-------	-------	-------
	1925	-------	-------	-------	-------	-------	-------	70	-------
Virginia	1927	2,500	-------	2,500	-------	-------	-------	450	-------
	1925	6,140	-------	6,140	-------	-------	-------	12,618	-------
West Virginia	1927	400	-------	400	-------	-------	-------	-------	-------
	1925	-------	-------	-------	-------	-------	-------	-------	-------

TABLE 9.—ACTIVE LOOMS [1]—NUMBER, BY MAJOR CLASSES, BY STATES: 1919 TO 1927 [2]

[Looms active some time within the census year]

STATE AND CLASS	1927	1925	1923	1919	PER CENT OF INCREASE OR DECREASE (−)			
					1925–1927	1923–1925	1923–1927	1919–1927
United States, aggregate	114,819	[3] 111,513	102,647	96,438	3.0	8.6	11.9	19.1
On broad silks [4]	108,308	[3] 103,513	94,172	87,215	4.6	[3] 9.9	15.0	24.2
On ribbons	6,511	8,000	8,475	9,223	−18.6	−5.6	−23.2	−29.4
Connecticut, total	5,707	5,688	5,981	5,141	.3	−4.9	−4.6	11.0
On broad silks [4]	5,524	5,570	5,759	4,974	−.8	−3.3	−4.1	11.1
On ribbons	183	118	222	167	55.1	−46.8	−17.6	9.6
Massachusetts, total	5,300	3,883	3,474	3,218	36.5	11.8	52.6	64.7
On broad silks	5,300	3,883	3,474	3,218	36.5	11.8	52.6	64.7
New Jersey, total	34,235	[3] 34,773	32,324	34,681	−1.5	[3] 7.6	5.9	−1.3
On broad silks [4]	31,875	[3] 31,472	29,298	30,683	1.3	[3] 7.4	8.8	3.9
On ribbons	2,360	3,301	3,026	3,998	−28.5	9.1	−22.0	−41.0
New York, total	7,798	8,359	8,781	7,392	−6.7	−4.8	−11.2	5.5
On broad silks [4]	6,746	7,213	7,058	6,144	−6.5	2.2	−4.4	9.8
On ribbons	1,052	1,146	1,723	1,248	−8.2	−33.5	−38.9	−15.7
Pennsylvania, total	47,720	46,102	39,830	37,482	3.5	15.7	19.8	27.3
On broad silks [4]	45,108	42,935	36,551	33,853	5.1	17.5	23.4	33.2
On ribbons	2,612	3,167	3,279	3,629	−17.5	−3.4	−20.3	−28.0
Rhode Island, total	9,038	8,058	7,806	5,240	12.2	3.2	15.8	72.5
On broad silks	9,038	8,058	7,806	5,240	12.2	3.2	15.8	72.5
Virginia, total	1,304	1,087	1,036	538	20.0	4.9	25.9	142.4
On broad silks	1,304	1,087	1,036	538	20.0	4.9	25.9	142.4
Other States, total	3,717	3,563	3,415	2,746	4.3	4.3	8.8	35.4
On broad silks	3,413	3,295	3,190	2,565	3.6	3.3	7.0	33.1
On ribbons	304	268	225	181	13.4	19.1	35.1	68.0

[1] With or without Jacquard attachments.
[2] No data for 1921.
[3] Revised figure.
[4] Including velvet looms.

TABLE 10.—LOOMS AND JACQUARD MACHINES, ACTIVE AND IDLE—NUMBER, BY CLASS, BY STATES: 1927 AND 1925

MACHINERY	UNITED STATES		CONNECTICUT		MASSACHUSETTS		NEW JERSEY		NEW YORK		PENNSYLVANIA		RHODE ISLAND		VIRGINIA		OTHER STATES	
	1927	1925	1927	1925	1927	1925	1927	1925	1927	1925	1927	1925	1927	1925	1927	1925	1927	1925
ACTIVE SOME TIME WITHIN THE CENSUS YEAR																		
Looms,[1] aggregate	114,819	[2] 111,513	5,707	5,688	5,300	3,883	34,235	[2] 34,773	7,798	8,359	47,720	46,102	9,038	8,058	1,304	1,087	3,717	3,563
Other than velvet and ribbon	106,225	[2] 101,564	3,877	4,006	5,300	3,883	31,692	31,344	6,706	[2] 7,169	44,895	42,722	9,038	8,058	1,304	1,087	3,413	3,295
Reed space over 40 inches	88,068	[2] 90,390	3,328	3,955	4,637	3,537	25,372	27,636	4,965	[2] 6,081	38,441	37,736	7,955	7,245	1,123	1,047	2,247	3,153
Reed space 40 inches and under	18,157	11,174	549	51	663	346	6,320	3,708	1,741	1,088	6,454	4,986	1,083	813	181	40	1,166	142
Velvet	2,083	[2] 1,949	1,647	1,564	------	------	183	[2] 128	40	[2] 44	213	213	------	------	------	------	------	------
Ribbon	6,511	8,000	183	118	------	------	2,360	3,301	1,052	1,146	2,612	3,167	------	------	------	------	304	268
Jacquard machines	8,042	7,044	264	266	98	117	3,991	3,695	292	608	3,137	2,033	77	134	16	------	167	191
Braiding machines	23,677	(3)	192	(3)	1,411	(3)	3,903	(3)	12,020	(3)	4,216	(3)	------	(3)	------	(3)	1,935	(3)
IDLE THROUGHOUT THE CENSUS YEAR																		
Looms,[1] aggregate	8,743	9,801	850	1,124	431	502	2,490	3,423	732	961	3,768	3,086	83	136	111	------	278	569
Other than ribbon and velvet	5,971	6,847	526	696	428	502	1,448	2,043	401	515	2,779	2,422	83	136	111	------	195	533
Reed space over 40 inches	4,606	5,106	447	539	412	391	1,007	1,389	261	388	2,242	1,978	63	130	111	------	63	291
Reed space 40 inches and under	1,365	1,741	79	157	16	111	441	654	140	127	537	444	20	6	------	------	132	242
Velvet	432	506	324	411	------	------	55	50	8	------	45	45	------	------	------	------	------	------
Ribbon	2,340	2,448	------	17	3	------	987	1,330	323	446	944	619	------	------	------	------	83	36
Jacquard machines	1,436	1,588	40	62	56	66	553	1,018	227	124	535	318	25	------	------	------	------	------

[1] With or without Jacquard attachments.

[2] Revised figure.

[3] No data.

TABLE 11.—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data reported by individual establishments. Certain of the "Other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower	Salaries	Wages	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [1]
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)				Materials and supplies	Fuel and power		
United States	1,648	136,978	920	8,415	127,643	221,249	$21,920,553	$140,053,588	$436,192,406	$9,198,270	$750,123,705	$304,733,029
Connecticut	35	9,991	46	762	9,183	17,842	2,437,179	11,400,520	24,767,006	649,693	47,498,321	22,081,622
Maryland	7	980	2	43	935	1,408	71,923	716,147	620,302	70,201	1,868,890	1,178,387
Massachusetts	33	7,808	8	443	7,357	20,111	1,136,763	7,615,872	22,753,327	465,499	38,220,144	15,001,318
New Jersey	819	27,275	619	2,174	24,482	31,796	6,076,760	33,476,420	87,055,976	1,622,458	163,967,060	75,288,626
New York	181	12,388	88	1,096	11,204	24,626	2,764,776	13,128,885	63,716,646	1,319,821	100,447,466	35,410,999
Pennsylvania	490	62,839	140	3,091	59,608	99,269	7,279,056	57,661,075	175,855,397	4,262,502	306,524,028	126,406,129
Rhode Island	31	6,780	10	270	6,500	12,856	791,384	7,853,236	20,347,312	350,834	32,511,106	11,812,960
Virginia	14	1,592	3	64	1,525	2,764	164,574	1,258,986	4,205,239	134,069	8,208,630	3,869,322
Other States [2]	38	7,325	4	472	6,849	10,577	1,198,138	6,942,447	36,871,201	323,193	50,878,060	13,683,666

[1] Value of products, less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

[2] Alabama, 1 establishment; California, 5; Delaware, 1; Georgia, 2; Illinois, 7; Indiana, 1; Maine, 1; Michigan, 1; Minnesota, 1; New Hampshire, 2; North Carolina, 8; Ohio, 1; Oregon, 2; Tennessee, 3; West Virginia, 2.

TRIMMINGS (NOT MADE IN TEXTILE MILLS) AND LACE-TRIMMED ARTICLES

[A preliminary report for this industry was issued under date of February 28, 1929]

Description of the industry.—This industry embraces establishments engaged primarily in the manufacture of dress and coat trimmings; millinery trimmings; tucking, pleating, and hemstitching; bias bindings; women's scarfs (except knitted); crochet goods; women's neckwear; and stamped art goods for embroidering.

The products covered by this industry were given a separate classification for the first time at the census for 1927. At prior censuses they were included in the "Millinery and lace goods, not elsewhere classified" industry.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1927

ITEM	Number or amount
Number of establishments	773
Wage earners (average for the year)	9,495
Wages	$11,989,191
Cost of materials, supplies, fuel, and power	$33,349,806
Value of products	$64,422,799
Value added by manufacture [1]	$31,072,993
Horsepower	3,864

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

TABLE 2.—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927

TYPE	1927		TYPE	1927	
	Number	Capacity		Number	Capacity
		Horsepower			*Horsepower*
Prime movers, total	3,025	3,864	Electric motors, total	3,388	4,044
Steam engines	7	711	Driven by purchased current	3,013	3,137
Internal-combustion engines	5	16	Driven by current generated in establishment reporting	375	907
Electric motors driven by purchased current	3,013	3,137			*Kilowatts*
			Electric generators	4	610

TABLE 3.—PRODUCTS, BY CLASS AND VALUE, FOR THE UNITED STATES: 1927

CLASS	Value	CLASS	Value
1. Trimmings and lace-trimmed articles industry, all products, total value	$64,422,799	Trimmings and lace-trimmed articles: Aggregate value (sum of 2 and 5)	$59,280,007
2. Trimmings and lace-trimmed articles	57,329,561	Dress and coat trimmings	3,631,861
3. Other products (not normally belonging to the industry)	3,783,962	Tucking, pleating, and hemstitching	8,323,864
4. Receipts for contract work	3,309,276	Bias bindings	10,163,633
5. Trimmings and lace-trimmed articles made as secondary products in other industries, value	1,950,446	Scarfs, women's (except knitted)	5,263,072
		Neckwear, women's	12,389,521
		Stamped art goods for embroidering	11,392,444
		Trimmings and lace-trimmed articles, kind not reported (item 5)	1,950,446
		Minor products	6,165,166

TABLE 4.—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data reported by individual establishments. Certain of the "Other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower	Salaries	Wages	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [1]
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)				Materials and supplies	Fuel and power		
United States	773	12,009	744	1,770	9,495	3,864	$4,068,351	$11,989,191	$32,967,644	$382,162	$64,422,799	$31,072,993
California	23	284	21	40	223	373	70,626	234,001	370,582	3,991	942,971	568,398
Illinois	44	985	33	143	809	153	410,004	846,799	2,596,671	15,825	5,175,328	2,562,832
Maryland	8	76	10	6	60	17	6,554	58,754	172,665	3,868	328,236	151,703
Massachusetts	21	292	17	43	232	99	78,819	216,319	695,409	6,833	1,273,115	570,873
Minnesota	4	46	5	7	34	7	10,039	23,736	22,601	1,272	104,390	80,517
Missouri	15	192	16	26	150	25	48,630	119,356	272,272	4,165	583,160	306,723
New Jersey	11	379	5	52	322	170	154,122	322,925	944,517	11,895	1,919,665	963,253
New York	572	7,834	565	1,229	6,040	1,915	2,812,557	8,637,906	24,778,718	264,339	47,517,047	22,473,990
Ohio	17	189	17	34	138	36	74,426	161,213	165,398	8,881	549,578	375,299
Oregon	3	23	5	1	17	11	1,200	14,521	3,789	900	40,529	35,840
Pennsylvania	34	458	32	35	391	161	101,183	262,986	643,514	10,994	1,350,358	695,850
Other States [2]	21	1,251	18	154	1,079	897	300,191	1,090,675	2,301,508	49,199	4,638,422	2,287,715

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

[2] Colorado, 2 establishments; Connecticut, 3; Indiana, 1; Iowa, 2; Kentucky, 1; Michigan, 2; Nebraska, 1; New Hampshire, 1; Rhode Island, 1; Virginia, 1; Washington, 4; Wisconsin, 2.

WASTE

[A preliminary report for this industry was issued under date of February 28, 1929]

Description of the industry.—The establishments classified in this industry are those engaged in cleaning or otherwise preparing purchased waste of cotton, wool, or other fiber by the use of pickers or similar machines, and in producing wiping rags and oakum.

No data as to values of the individual classes of products were collected for this industry prior to the census for 1925, and no data for quantity prior to that for 1927.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1919 TO 1927

[Data for establishments with products under $5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 6]

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927 [2]	118	3,494	$2,852,971	$23,049,393	$33,377,276	$10,327,883	14,529
1925 [2]	105	3,033	2,569,827	29,765,941	38,942,595	9,176,654	13,664
1923 [2]	88	2,745	2,468,612	25,247,902	33,700,725	8,452,823	12,347
1921 [2]	87	1,863	1,428,747	12,632,418	16,791,004	4,158,586	(3)
1919 [2]	98	2,810	2,224,872	22,719,612	30,683,825	7,964,213	11,837
	PER CENT OF INCREASE OR DECREASE (—)						
1925-1927	12.4	15.2	11.0	—22.6	—14.3	12.5	6.3
1923-1925	(4)	10.5	4.1	17.9	15.6	8.6	10.7
1923-1927	(4)	27.3	15.6	—8.7	—1.0	22.2	17.7
1919-1927	(4)	24.3	28.2	1.5	8.8	29.7	22.7

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Includes statistics for oakum except for 1921; the statistics for the two establishments reporting "oakum" as chief product in 1921 were not shown separately, but were included in those for "Other industries."
[3] Not called for on schedule.
[4] Per cent not computed where base is less than 100.

TABLE 2.—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927 AND 1925

TYPE	1927		1925	
	Number	Capacity	Number	Capacity
Prime movers, total	810	*Horsepower* 14,529	678	*Horsepower* 13,664
Steam engines	35	3,447	29	2,612
Steam turbines			3	200
Internal-combustion engines	4	78	8	273
Water wheels and turbines	14	591	5	400
Electric motors driven by purchased current	757	10,413	633	10,179
Electric motors, total	793	10,868	643	10,504
Driven by purchased current	757	10,413	633	10,179
Driven by current generated in establishment reporting	36	455	10	325
Electric generators	8	*Kilowatts* 860	4	*Kilowatts* 285

ABLE 3.—PRODUCTION, FOR LEADING STATES, BY CLASS, QUANTITY, AND VALUE, 1927, AND BY CLASS AND VALUE, 1925

CLASS	1927		1925 [1]
	Quantity (pounds)	Value	Value
"Waste" industry, all products, total value		$33,377,276	$38,942,595
Processed waste		32,180,213	38,004,678
Amount received for contract work		431,082	352,667
Other products (not normally belonging to the industry)		765,981	585,250
Processed waste made as a secondary product in other industries, value		1,296,075	1,302,829
ocessed waste, all industries: Aggregate value (sum of 2 and 5)		33,476,288	39,307,507
Cotton waste, total	261,600,944	18,298,405	21,590,941
Illinois	11,442,966	1,217,911	1,294,004
New York	26,632,810	2,966,303	3,784,741
Pennsylvania	40,484,369	3,808,507	3,076,614
Other States	183,040,799	10,305,684	13,435,582
Wool waste, total	46,893,800	4,203,422	4,419,328
Illinois	1,717,470	251,771	675,306
Pennsylvania	11,991,971	1,597,300	2,167,351
Other States	33,184,359	2,354,351	1,576,671
Other processed waste, total	76,474,223	3,358,994	3,672,219
New York	23,991,729	988,432	(2)
Pennsylvania	26,014,305	141,102	387,727
Other States	26,468,189	2,229,460	3,284,492
Oakum	13,541,652	1,131,500	(3)
Wiping rags, total		6,483,967	9,625,019
Illinois		1,358,188	1,672,399
New York		716,703	558,655
Pennsylvania		1,048,052	563,751
Other States		3,361,024	6,830,214

[1] No data on quantity for 1925. [2] Included in figure for "Other States." [3] No data.

TABLE 4.—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing dat a reported by individual establishments. Certain of the "Other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)	
United States	118	4,077	86	497	3,494	14,529
California	8	105	10	9	86	389
Illinois	11	330	5	48	277	1,020
Massachusetts	11	234	4	44	186	1,041
Michigan	6	174	7	29	138	340
New Jersey	5	174	1	34	139	1,164
New York	15	533	8	64	461	2,438
Ohio	4	103	2	15	86	612
Pennsylvania	28	647	24	111	512	2,254
Wisconsin	5	181	12	17	152	438
Other States [1]	25	1,596	13	126	1,457	4,833

STATE	Salaries	Wages	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [2]
			Materials and supplies	Fuel and power		
United States	$1,599,340	$2,852,971	$22,660,029	$389,364	$33,377,276	$10,327,883
California	26,196	77,534	497,399	9,641	698,047	191,007
Illinois	166,254	267,627	2,141,506	46,497	3,136,571	948,568
Massachusetts	118,096	198,592	1,593,582	31,418	2,113,831	488,831
Michigan	53,013	129,540	607,892	24,583	979,211	346,736
New Jersey	134,392	140,176	1,497,731	19,967	2,190,443	672,745
New York	280,649	528,579	3,437,203	78,202	4,942,282	1,426,877
Ohio	53,015	78,942	760,496	12,425	1,102,439	329,518
Pennsylvania	361,631	531,566	4,368,593	62,975	6,613,743	2,182,175
Wisconsin	31,343	142,056	809,029	19,239	1,246,603	418,335
Other States [1]	374,751	758,359	6,946,598	84,417	10,354,106	3,323,091

[1] Alabama, 1 establishment; Colorado, 2; Connecticut, 1; Georgia, 4; Indiana, 2; Kentucky, 1; Maine, 1; Maryland, 2; Minnesota, 1; Missouri, 2; New Hampshire, 1; North Carolina, 2; Rhode Island, 1; South Carolina, 1; Texas, 2; Virginia, 1.

[2] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

WEARING APPAREL

[Preliminary reports for most of the industries in the wearing-apparel group were issued at dates ranging from August 1, 1928, to May 20, 1929]

Description of the industries.—The industries for which statistics are given in this section of the report may be briefly described as follows:

Clothing (except work clothing), men's, youths', and boys', not elsewhere classified.—Includes the manufacture of men's, youths', and boys' outer clothing, such as overcoats, suits, separate coats, separate trousers, smoking and similar jackets, raincoats, and bathing suits made from purchased fabric, and the manufacture of parts of garments, such as shoulder pads, pockets, coat fronts, and padding, when done by establishments engaged primarily in the manufacture of such commodities. The inclusion of the latter necessarily results in some duplication in the figures for cost of materials and value of products for the industry as a whole. Does not include the manufacture of work clothing, fur and fur-lined garments, hats, gloves and mittens, boots and shoes, hosiery, or underwear and outerwear made in knitting mills, as these products are classified in other industries. Custom tailor shops also are not included. (See "Contract work," p. 352, and Tables 2–8.)

Work clothing.—The manufacture of overalls, coveralls, unionalls, work pants, work coats, and jumpers, of denim, khaki, corduroy, drills, and woolen cloth. (See Tables 9–13.) Work shirts are classified in the shirt industry. (See Tables 23–26.)

Buttonholes, men's clothing.—Buttonhole making done on contract by establishments engaged wholly or mainly in such work. A small amount done on women's clothing is included. The value of products for this industry is made up of the amounts received for work done. Inasmuch as buttonholes are usually made by the same establishments which manufacture clothing (and which, therefore, are classified in the men's-clothing industry), only a comparatively small proportion of the total number of persons engaged in buttonhole making, of the total value of work done, etc., is represented by the statistics for the buttonhole industry. (See Tables 14 and 15.)

Clothing, women's, not elsewhere classified.—Includes the manufacture of all classes of women's, girls', and children's clothing (except those made in knitting mills), such as suits, dresses, skirts, petticoats, kimonos, dressing sacks, house dresses, bungalow aprons, jackets, capes, underwear, shirt waists, bathing suits, dress shields, etc. Does not include the manufacture of corsets, millinery, gloves and mittens, footwear, hosiery, or underwear and outerwear made in knitting mills, as these products are classified in other industries. (See "Contract work," p. 352.) (See Tables 16–22.)

Shirts.—The manufacture of shirts, including work shirts, shirt bosoms, and boys' blouses. Some of the establishments in this industry do stitching under contract on materials owned by others, and the amounts received by such establishments for work done are reported by them as "Value of products." The total value of products for the industry, therefore, includes some duplication. (See Tables 23–26.)

Collars, men's.—The manufacture of collars for men's wear. (See Tables 27–30.)

Furnishing goods, men's, not elsewhere classified.—The manufacture of men's neckwear, belts (other than leather), bath robes, lounging garments, pajamas, underwear cut and sewed from purchased fabric, etc. (See Tables 31–35.)

Hats, fur-felt (Table 1 only).—The manufacture of stiff and soft hats (chiefly for men's wear) and hat bodies, all of which are made principally from the fur of the rabbit and the hare.

Hats, wool-felt (Table 1 only).—The manufacture of men's, women's, and children's hats and hat bodies from wool, wool noils, shoddy, etc.

Hats, straw, men's (Table 1 only).—The manufacture of men's straw hats, and the bleaching and finishing of Panama and other straw hats. (The manufacture of straw hats for women and children is included in the "Millinery" industry.) For complete report see pages 1197 and 1198.

Hats and caps, men's, except felt and straw (Table 1 only).—The manufacture of all kinds of hats and caps from cloth, and of men's silk and opera hats.

Millinery (Table 1 only).—The manufacture of trimmed hats for women and children, hat frames, millinery trimmings (for sale as such), infants' headwear, etc. The products covered by the "Millinery" industry were given a separate classification for the first time at the census for 1927. At prior censuses they were included in the "Millinery and lace goods, not elsewhere classified" industry.

Millinery and lace goods, not elsewhere classified (Table 1 only).—The products covered by this industry classification, as used for 1925 and earlier years, are now distributed among four industries, namely, "Millinery," "Embroideries," "Trimmings and lace-trimmed articles," and "Handkerchiefs." (The millinery and lace-goods industry included the manufacture of handkerchiefs for women only.)

Boots and shoes, rubber (Table 1 only).—The manufacture of rubber footwear of all kinds.

Boots and shoes, other than rubber (Table 1 only).—The manufacture of boots, shoes, sandals, slippers, moccasins, leggings, overgaiters, and other footwear, chiefly of leather but including footwear made from canvas and other textile fabrics.

Fur goods (Table 1 only).—The manufacture of women's, misses', and children's fur sets and furs, including boas, capes, collars, muffs, scarfs, shawls, and stoles; fur coats and cloaks; fur and fur-lined overcoats; fur hats, caps, gloves, and mittens; fur robes; and sheep-lined coats. (For complete report see pp. 1194–1196.)

Gloves and mittens, cloth or chiefly cloth, made from purchased fabrics.—The manufacture, by establishments other than knitting mills, of men's and women's cloth and cloth-and-leather gloves and mittens. (See Tables 36–39.)

Gloves and mittens, leather.—The manufacture of gloves (except baseball and boxing gloves, which are treated as products of the "Sporting and athletic goods" industry), mittens, and guantlets from leather, lined and unlined. (See Tables 1 and 38.)

Knit goods, except knit cloth (Table 1 only).—The manufacture of wearing apparel made on knitting machines, without regard to whether the yarns used are of cotton, of wool, of silk, or of other material. The products of this industry include hosiery, underwear, sweaters, bathing suits, gloves and mittens, hoods, scarfs, cardigan jackets, fancy jackets, dresses, shawls, and other fancy knit goods, but not the clothing made in the clothing industry from purchased knitted fabrics.

Corsets and allied garments.—The manufacture of corsets, brassieres, bandeaux, combinations, girdles, corset stays, etc. (See Tables 40–43.)

Suspenders, garters, and other elastic goods (not including elastic surgical goods) made from purchased webbing.—The manufacture, from purchased webbing, of suspenders, garters, and other elastic goods. (See Tables 44–47.)

Handkerchiefs.—The manufacture of handkerchiefs for men and women. (See Tables 48–51.) For 1925 and prior censuses women's handkerchiefs were included in "Millinery and lace goods" and men's handkerchiefs in "Furnishing goods, men's."

Contract work.—In the men's-clothing and women's-clothing industries a large amount of contract work is done on materials belonging to others by establishments engaged solely or mainly in contract work. Because of the importance of contract work in the clothing industries, separate statistics are given in Tables 2–4, 8, 11, 13, 16–18, and 22 for "regular factories" and for those doing contract work. The amounts paid by regular factories to contract shops for work done are reported by the former under the head "Paid for contract work" and by the latter as "Value of products." Thus the combined value of products for both classes of factories includes some duplication. In fact, the net value of the products for the men's-clothing industry is substantially the same as the value of products shown for the regular factories alone, and the same is true in regard to the women's-clothing industry.

Scope of statistics for wearing-apparel industries.—Statistics are presented in detail in this report for the following industries:

Clothing (except work clothing), men's, youths', and boys', not elsewhere classified.
Clothing, work (except shirts), men's.
Clothing, women's, not elsewhere classified.
Collars, men's.
Corsets and allied garments.
Furnishing goods, men's, not elsewhere classified.
Gloves and mittens, cloth or chiefly cloth, made from purchased fabrics.
Handkerchiefs.
Shirts.
Suspenders, garters, and other elastic woven goods, made from purchased webbing.

For "Clothing, men's, buttonholes" summary and general statistics only are shown (Tables 14 and 15).

Summary statistics only (Table 1) are given for the following industries, but statistics in detail will be found elsewhere in this report:

Boots and shoes, other than rubber.
Boots and shoes, rubber.
Fur goods.
Gloves and mittens, leather.
Hats, fur-felt.
Hats, wool-felt.
Hats, straw, men's.
Hats and caps, other than felt and straw.
Knit goods.
Millinery.

In making use of the total value-of-products figures for any industry, it must be remembered that they do not represent exactly the value of the class or classes of products normally belonging to the industry. (See "Assignment of establishments to industries," p. 17.) The values of the individual classes of products are shown for the men's-clothing industry (Tables 4, 5, 11, and 12), for the women's-clothing industry (Tables 18 and 19), and for the several other industries in Tables 25, 29, 33 and 34, 38, 42, 46, and 50.

Monthly statistics.—Monthly data are collected on "Men's and boys' clothing cut" and on "Work clothing—garments cut." (See Tables 52 and 53, p. 406.)

TABLE 1.—SUMMARY FOR THE MANUFACTURE OF WEARING APPAREL, BY INDUSTRIES, FOR THE UNITED STATES: 1921 TO 1927

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, containers for products, fuel, and power	Value of products
Wearing apparel (not including custom-made clothing), all industries.[1]	1927	21,796	962,466	$1,091,270,089	$2,976,878,506	[2]$5,684,156,654
	1925	20,698	925,682	1,020,289,445	2,917,798,429	[2] 5,443,147,109
	1923	23,009	991,009	1,079,200,195	3,065,945,418	[2] 5,709,732,488
	1921	22,660	884,035	946,793,758	2,436,954,208	4,556,655,408
Clothing:						
Men's, total	1927	4,158	187,123	214,987,822	532,476,847	1,080,388,675
	1925	4,030	174,659	204,194,205	557,541,567	1,087,895,806
	1923	4,644	195,154	235,896,209	584,907,002	1,179,519,158
	1921	4,576	165,535	202,229,489	447,622,021	935,422,322
Men's, youths', and boys', except work.*	1927	3,562	146,099	184,613,090	447,244,635	[3] 932,181,718
	1925	3,491	141,511	179,044,721	471,501,209	[3] 946,274,140
	1923	4,024	158,173	207,252,217	483,926,728	[3] 1,016,721,705
Work clothing*	1927	556	40,612	29,945,915	85,134,183	[4]147,289,025
	1925	509	32,821	24,802,629	85,969,311	[4] 140,963,602
	1923	583	36,647	28,234,741	100,877,194	[4] 161,993,026
Buttonholes (contract work).	1927	40	412	428,817	98,029	917,932
	1925	30	327	346,855	71,047	658,064
	1923	37	334	409,251	103,080	804,427
	1921	37	329	347,978	77,406	646,047
Women's, not elsewhere classified.	1927	7,588	154,459	211,349,759	809,520,125	[5] 1,494,401,044
	1925	6,127	126,466	175,044,511	724,298,974	[5] 1,293,705,291
	1923	7,046	133,195	176,445,518	809,560,802	[5] 1,406,683,835
	1921	7,061	144,865	185,082,108	567,810,452	1,022,742,796

See footnotes at end of table.

TABLE 1.—SUMMARY FOR THE MANUFACTURE OF WEARING APPAREL, BY INDUSTRIES, FOR THE UNITED STATES: 1921 TO 1927—Continued

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, containers for products, fuel, and power	Value of products
Shirts	1927	907	57,216	$42,997,827	$129,743,737	[6] $241,649,939
	1925	840	49,864	35,673,731	129,753,752	[6] 225,962,922
	1923	934	51,672	37,943,405	139,354,361	[6] 241,331,226
	1921	860	45,427	33,182,332	123,259,180	203,944,376
Collars	1927	24	3,270	2,966,938	5,866,677	[7] 13,264,207
	1925	28	7,187	5,502,920	11,792,449	[7] 27,587,675
	1923	37	10,449	7,959,700	18,369,580	[7] 42,666,218
	1921	34	9,285	7,061,018	12,374,054	29,571,374
Furnishing goods, men's, not elsewhere classified.	1927	534	25,183	22,070,339	82,839,406	[8] 145,474,143
	1925	419	21,094	17,438,160	69,861,343	[8] 120,867,596
	1923	454	18,958	14,810,103	57,236,879	[8] 102,951,687
	1921	421	15,921	12,469,819	47,193,111	77,526,542
Hats and caps:						
Hats, fur-felt, men's and women's.	1927	146	15,927	22,887,317	51,105,098	[9] 99,299,648
	1925	146	15,156	20,466,420	40,124,184	[9] 80,066,390
	1923	163	16,722	21,531,362	34,447,768	75,253,064
	1921	154	13,880	15,881,848	26,252,448	52,614,167
Hats, wool-felt, men's and women's.	1927	17	2,185	2,284,018	4,784,575	[10] 9,381,645
	1925	22	1,854	1,985,798	5,122,755	[10] 8,948,644
	1923	21	1,950	2,004,774	4,457,010	8,643,217
	1921	26	1,428	1,347,685	2,453,607	4,964,324
Hats, straw, men's [11]	1927	48	3,263	4,232,332	11,782,956	[12] 21,717,689
	1925	83	5,920	5,823,133	15,177,994	[12] 28,153,899
	1923	97	6,812	7,522,803	16,340,868	32,569,203
	1921	110	5,924	6,415,205	14,559,485	28,616,604
Hats and caps, men's, except felt and straw.	1927	568	6,300	9,126,438	20,702,296	[13] 41,213,965
	1925	579	6,552	9,242,937	22,698,729	[13] 43,822,729
	1923	651	7,313	9,593,883	22,250,182	[13] 42,811,444
	1921	584	6,505	8,701,150	18,536,982	36,987,008
Millinery [14]	1927	1,148	33,311	46,787,735	103,489,714	[15] 209,494,828
Millinery and lace goods, not elsewhere classified.[14]	1925	2,443	53,603	66,550,671	153,385,589	[16] 309,856,341
	1923	2,693	54,246	64,044,000	149,907,780	[16] 297,505,409
	1921	2,777	53,701	60,401,335	131,207,199	268,713,808
Boots and shoes:						
Rubber	1927	22	26,848	32,078,955	43,372,916	[17] 124,607,801
	1925	23	24,999	28,057,948	40,566,085	[17] 115,934,554
	1923	25	29,435	33,670,810	45,268,988	[17] 131,739,742
	1921	24	23,888	23,428,115	32,132,942	94,032,524
Other than rubber	1927	1,357	203,110	225,090,242	494,553,016	[18] 944,714,463
	1925	1,460	206,992	225,787,981	481,631,964	[18] 925,383,422
	1923	1,606	225,216	250,345,922	527,456,868	1,000,078,022
	1921	1,505	183,502	204,954,095	478,432,445	867,475,896
Fur goods	1927	2,756	16,640	37,670,610	195,322,988	[19] 299,615,047
	1925	2,000	16,556	35,164,292	159,315,693	[19] 254,265,708
	1923	1,758	14,439	27,923,042	126,162,143	198,042,571
	1921	1,707	12,052	22,421,193	84,536,855	139,365,929
Gloves and mittens, not made in knitting mills:[20]						
Cloth or chiefly cloth	1927	131	10,296	6,669,708	17,392,166	[21] 30,202,152
	1925	139	9,061	5,709,401	17,977,323	[21] 29,531,716
	1923	129	8,864	5,295,995	18,292,054	[21] 28,125,528
	1921	128	5,758	3,294,079	10,191,476	15,212,899
Leather	1927	232	9,106	8,813,912	19,276,416	[22] 36,662,053
	1925	226	7,115	6,914,788	17,778,693	[22] 33,292,916
	1923	260	10,010	8,544,709	20,223,924	[22] 38,080,575
	1921	272	7,907	5,842,784	13,844,159	24,855,321
Knit goods, except knit cloth	1927	1,732	183,731	180,060,555	384,790,231	[23] 756,277,557
	1925	1,855	180,244	161,266,063	416,463,178	[23] 753,252,632
	1923	2,175	187,012	159,518,234	439,359,129	[23] 781,386,228
	[24] 1921	2,078	161,880	132,190,349	360,457,833	[23] 634,073,895
Corsets and allied garments	1927	222	13,778	12,402,288	35,394,422	[25] 77,218,202
	1925	185	14,525	12,394,094	37,808,237	[25] 77,114,840
	1923	216	16,104	13,258,200	38,416,008	78,047,959
	1921	173	17,084	13,102,159	38,857,277	75,600,156

See footnotes at end of table.

TABLE 1.—SUMMARY FOR THE MANUFACTURE OF WEARING APPAREL, BY INDUSTRIES, FOR THE UNITED STATES: 1921 TO 1927—Continued

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, containers for products, fuel, and power	Value of products
Suspenders, garters, and other elastic woven goods, made from purchased webbing.[26]	1927	91	4,061	$3,529,147	$16,259,683	[27] $26,985,376
	1925	93	3,835	3,072,392	16,499,915	[27] 27,504,028
	1923	100	3,458	2,891,526	13,934,072	24,297,342
	1921	170	9,493	8,788,995	27,232,682	44,935,467
Handkerchiefs [28]	1927	115	6,659	5,264,147	18,205,237	[29] 31,588,220

[1] The figures for the several years are not strictly comparable because of the following differences: (1) The figures for 1927 do not include data for "Trimmings and lace-trimmed articles," which was treated as a separate industry classification for the first time at the census for 1927. (2) The figures for 1921 include data for knit cloth, not included for subsequent years.

[2] Includes receipts for contract work, as follows: For 1927, $197,380,210; for 1925, $157,440,581; for 1923, $150,996,841. Also includes value of products other than wearing apparel: For 1927, $50,923,400; for 1925, $51,185,659; for 1923, $49,954,782. (See footnotes 3-10, 12, 13, 15-19, 21-23, 25, 27, 29.) Data for prior years incomplete.

[3] Includes receipts for contract work, as follows: For 1927, $68,843,688; for 1925, $63,146,485; for 1923, $72,817,673. Also includes value of products other than wearing apparel: For 1927, $1,570,715; for 1925, $1,820,681; for 1923, $2,720,410.

[4] Includes receipts for contract work, as follows: For 1927, $2,413,143; for 1925, $1,093,059; for 1923, $2,360,865. Also includes value of products other than wearing apparel: For 1927, $55,106; for 1925, $365,680; for 1923, $988,514.

[5] Includes receipts for contract work, as follows: For 1927, $96,829,636; for 1925, $63,635,521; for 1923, $47,321,995; for 1921, $43,816,979. Also includes value of products other than wearing apparel: For 1927, $2,603,351; for 1925, $1,515,125; for 1923, $50,273.

[6] Includes receipts for contract work, as follows: For 1927, $14,576,561; for 1925, $12,746,368; for 1923, $12,187,958. Also includes value of products other than wearing apparel: For 1927, $69,175; for 1925, $122,271.

[7] Includes receipts for contract work, as follows: For 1927, $242,672; for 1925, $402,057; for 1923, $245,057. Also includes value of products other than wearing apparel: For 1927, $299,950; for 1925, $35,000.

[8] Includes receipts for contract work, as follows: For 1927, $3,173,879; for 1925, $2,595,681; for 1923, $2,889,581. Also includes value of products other than wearing apparel: For 1927, $845,482; for 1925, $548,721; for 1923, $150,000.

[9] Includes receipts for contract work, as follows: For 1927, $102,733; for 1925, $109,751.

[10] Includes value of products other than wearing apparel: For 1927, $5,948; for 1925, $20,160.

[11] Title changed at the census for 1927 from "Hats, straw," to "Hats, straw, men's." Statistics for the earlier years include data for a few women's straw hats.

[12] Includes receipts for contract work, as follows: For 1927, $222,075; for 1925, $203,001. Also includes value of products other than wearing apparel for 1925, $15,480.

[13] Includes receipts for contract work, as follows: For 1927, $772,733; for 1925, $538,881; for 1923, $214,640. Also includes value of products other than wearing apparel: For 1927, $128,309; for 1925, $207,943; for 1923, $66,039.

[14] Products covered by the "Millinery" industry were given separate classifications for the first time at the census for 1927. The products of the "Millinery and lace goods, not elsewhere classified" industry, as formerly constituted are now distributed among 4 industries, namely, "Millinery," "Embroideries," "Trimmings and lace-trimmed articles," and "Handkerchiefs." (The millinery and lace-goods industry included the manufacture of handkerchiefs for women only.)

[15] Includes receipts for contract work, $430,230, and value of products other than wearing apparel, $2,634,508.

[16] Includes receipts for contract work, as follows: For 1925, $404,795; for 1923, $146,119. Also includes value of products other than wearing apparel: For 1925, $2,838,130; for 1923, $1,275,787.

[17] Includes receipts for contract work for 1925, $7,260. Also includes value of products other than wearing apparel: For 1927, $5,961,227; for 1925, $8,358,223; for 1923, $7,421,458.

[18] Includes receipts for contract work, as follows: For 1927, $1,233,377; for 1925, $1,854,531. Also includes value of products other than wearing apparel: For 1927, $7,274,325; for 1925, $4,513,865.

[19] Includes receipts for contract work, as follows: For 1927, $2,069,936; for 1925, $386,694. Also includes value of products other than wearing apparel: For 1927, $925,433; for 1925, $609,034.

[20] For value of gloves and mittens made in knit-goods establishments, see footnote 23.

[21] Includes receipts for contract work, as follows: For 1927, $1,200; for 1925, $79,480; for 1923, $51,988. Also includes value of products other than wearing apparel: For 1927, $114,141; for 1925, $105,216; for 1923, $57,348.

[22] Includes receipts for contract work, as follows: For 1927, $103,189; for 1925, $185,254; for 1923, $7,251. Also includes value of products other than wearing apparel: For 1927, $711,356; for 1925, $1,131,821; for 1923, $237,431.

[23] Includes value of gloves and mittens, as follows: For 1927, $7,337,898; for 1925, $9,083,403; for 1923, $16,767,711; for 1921, $25,209,026. No separate data for wage earners, wages, or cost of materials were collected. Includes receipts for contract work, as follows: For 1927, $4,837,677; for 1925, $9,680,018; for 1923, $12,753,714; for 1921, $6,861,621. Also includes value of products other than wearing apparel: For 1927, $24,232,827; for 1925, $26,207,473; for 1923, $36,987,522; for 1921, $64,853,743.

[24] Figures include data for products of knit-cloth establishments, which were not reported separately at the census for 1921.

[25] Includes receipts for contract work, as follows: For 1927, $32,000; for 1925, $96,641. Also includes value of products other than wearing apparel: For 1927, $1,301,052; for 1925, $658,633.

[26] Figures for 1921 not strictly comparable with those for subsequent years.

[27] Includes receipts for contract work, as follows: For 1927, $196,317; for 1925, $275,104. Also includes value of products other than wearing apparel: For 1927, $1,656,675; for 1925, $2,112,203.

[28] This industry was given a separate classification for the first time at the census for 1927. At prior censuses men's handkerchiefs were included in the "Furnishing goods, men's, not elsewhere classified" industry, and women's handkerchiefs in the "Millinery and lace goods, not elsewhere classified" industry.

[29] Includes receipts for contract work, $1,299,164, and value of products other than wearing apparel, $533,820.

* No comparable figures for 1921.

TABLE 2.—CLOTHING, MEN'S, YOUTHS', AND BOYS' (EXCEPT WORK CLOTHING)—SUMMARY FOR THE UNITED STATES: 1927, 1925, AND 1923

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
ALL FACTORIES								
1927	3,562	146,099	$184,613,090	$94,388,418	$447,244,635	$932,181,718	$484,937,083	34,351
1925	3,491	141,511	179,044,721	93,647,850	471,501,209	946,274,140	474,772,931	33,207
1923	4,024	158,173	207,252,217	109,020,852	483,926,728	1,016,721,705	532,794,977	40,250
Per cent of increase or decrease (−):								
1925–1927	2.0	3.2	3.1	0.8	−5.1	−1.5	2.1	3.4
1923–1925	−13.2	−10.5	−13.6	−14.1	−2.6	−6.9	−10.9	−17.5
1923–1927	−11.5	−7.6	−10.9	−13.4	−7.6	−8.3	−9.0	−14.7
REGULAR FACTORIES								
1927	2,044	106,580	$137,336,239	$92,630,544	$442,925,901	$865,424,324	$422,498,423	27,465
1925	1,962	104,708	136,039,483	91,938,941	467,013,710	884,851,922	417,838,212	26,305
1923	2,192	117,209	157,311,481	106,411,094	478,865,014	945,457,567	466,592,553	31,276
Per cent of increase or decrease (−):								
1925–1927	4.2	1.8	1.0	.8	−5.2	−2.2	1.1	4.4
1923–1925	−10.5	−10.7	−13.5	−13.6	−2.5	−6.4	−10.4	−15.9
1923–1927	−6.8	−9.1	−12.7	−13.0	−7.5	−8.5	−9.5	−12.2
CONTRACT SHOPS								
1927	1,518	39,519	$47,276,851	$1,757,874	$4,318,734	$66,757,394	$62,438,660	6,886
1925	1,529	36,803	43,005,238	1,708,909	4,487,499	61,422,218	56,934,719	6,902
1923	1,832	40,964	49,940,736	2,609,758	5,061,714	71,264,138	66,202,424	8,974
Per cent of increase or decrease (−):								
1925–1927	−0.7	7.4	9.9	2.9	−3.8	8.7	9.7	−0.2
1923–1925	−16.5	−10.2	−13.9	−34.5	−11.3	−13.8	−14.0	−23.1
1923–1927	−17.1	−3.5	−5.3	−32.6	−14.7	−6.3	−5.7	−23.3

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

TABLE 3.—CLOTHING, MEN'S, YOUTHS', AND BOYS' (EXCEPT WORK CLOTHING)—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
ALL FACTORIES						
Prime movers, total	15,718	*Horsepower* 34,351	12,926	*Horsepower* 33,207	15,223	*Horsepower* 40,250
Steam engines	81	8,250	73	7,904	76	8,233
Steam turbines	5	552	7	428		
Internal-combustion engines	16	83	27	177	39	287
Waterwheels and turbines	9	296	8	397	15	434
Electric motors driven by purchased current	15,607	25,170	12,811	24,301	15,093	31,296
Electric motors, total	16,602	28,344	13,917	27,395	15,912	33,749
Driven by purchased current	15,607	25,170	12,811	24,301	15,093	31,296
Driven by current generated in establishment reporting	995	3,174	1,106	3,094	819	2,453
Electric generators	54	*Kilowatts* 4,539	36	*Kilowatts* 3,615	(1)	*Kilowatts* (1)
REGULAR FACTORIES						
Prime movers, total	11,408	*Horsepower* 27,465	9,249	*Horsepower* 26,305	11,384	*Horsepower* 31,276
Steam engines	72	7,979	70	7,723	66	7,836
Steam turbines	5	552	5	422		
Internal-combustion engines	6	55	6	89	18	172
Waterwheels and turbines	7	181	6	301	15	434
Electric motors driven by purchased current	11,318	18,698	9,162	17,770	11,285	22,834
Electric motors, total	12,302	21,857	10,259	20,837	12,075	25,160
Driven by purchased current	11,318	18,698	9,162	17,770	11,285	22,834
Driven by current generated in establishment reporting	984	3,159	1,097	3,067	790	2,326
Electric generators	53	*Kilowatts* 4,464	35	*Kilowatts* 3,540	(1)	*Kilowatts* (1)
CONTRACT SHOPS						
Prime movers, total	4,310	*Horsepower* 6,886	3,677	*Horsepower* 6,902	3,839	*Horsepower* 8,974
Steam engines	9	271	3	181	10	397
Steam turbines			2	6		
Internal-combustion engines	10	28	21	88	21	115
Waterwheels and turbines	2	115	2	96		
Electric motors driven by purchased current	4,289	6,472	3,649	6,531	3,808	8,462
Electric motors, total	4,300	6,487	3,658	6,558	3,837	8,589
Driven by purchased current	4,289	6,472	3,649	6,531	3,808	8,462
Driven by current generated in establishment reporting	11	15	9	27	29	127
Electric generators	1	*Kilowatts* 75	1	*Kilowatts* 75	(1)	*Kilowatts* (1)

[1] Not called for on schedule.

TABLE 4.—CLOTHING, MEN'S, YOUTHS', AND BOYS' (EXCEPT WORK CLOTHING)—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, AND RECEIPTS FOR CONTRACT WORK, 1927, AND PRODUCTS, BY CLASS AND VALUE, AND RECEIPTS FOR CONTRACT WORK, 1925 AND 1923, FOR THE UNITED STATES

CLASS	1927			1925		1923	
	Products		Receipts for contract work	Value of products	Receipts for contract work	Value of products	Receipts for contract work
	Quantity	Value					
1. Men's-clothing industry		$932,181,718		[1] $946,274,140		[1] $1,016,721,705	
2. All factories		$863,280,662	$68,901,056	$883,127,655	$63,146,485	$945,457,567	$71,264,138
3. Regular factories		862,425,596	2,998,728	881,891,227	2,960,695	(2)	(2)
4. Contract shops		855,066	65,902,328	1,236,428	60,185,790	(2)	(2)
5. Men's, youths', and boys' clothing		845,972,979	68,386,118	871,783,110	63,107,439	932,319,634	70,118,381
6. Other products (not normally belonging to the industry)		17,307,683	514,938	11,344,545	39,046	13,137,933	1,145,757
7. Men's, youths', and boys' clothing made as a secondary product in other industries		26,185,923		6,308,544		4,466,962	
Men's, youths', and boys' clothing, all industries: Aggregate value (sum of 5 and 7)		872,158,902	68,386,118	878,091,654	63,107,439	936,786,596	70,118,381
	Number						
Men's and youths' suits	23,763,335	490,955,817	9,698,849	467,617,390	9,683,565	495,966,422	9,773,836
Men's and youths' separate trousers	19,883,301	62,764,557	15,093,687	94,722,839	15,925,956	91,740,817	16,306,148
Men's and youths' overcoats and topcoats	6,528,699	129,372,498	8,156,410	145,199,758	8,161,118	170,515,616	11,043,372
Boys' suits	6,928,685	46,093,745	1,637,337	64,656,152	1,815,410	81,784,810	4,612,868
Boys' separate pants and knickers	9,317,107	14,119,723	2,667,798	13,788,666	2,378,591		
Boys' overcoats and reefers	2,161,936	19,486,396	1,820,604	15,641,714	1,113,688	19,998,905	2,429,370
Men's, youths', and boys' waterproof outergarments [3]	7,648,819	21,750,217	232,114	13,810,106	191,796	13,880,586	200,282
Other men's, youths', and boys' clothing		87,615,949	29,079,319	56,346,485	23,837,315	58,432,478	25,752,505
Undistributed products				6,308,544		4,466,962	

[1] Revised figures for 1925 and 1923.
[2] No separate data.
[3] Includes $6,331,650 worth of waterproof outer garments for both sexes, made by manufacturers of rubber goods.

TABLE 5.—CLOTHING, MEN'S, YOUTHS', AND BOYS' (EXCEPT WORK CLOTHING)—PRODUCTION OF PRINCIPAL CLASSES, BY QUANTITY AND VALUE, BY STATES: 1927

[This table presents statistics for the States for which separate figures can be given without disclosing the output of individual establishments. Some of the "Other States," however, reported larger quantities and values of some classes of products than some of the States shown separately]

CLASS AND STATE	PRODUCTS		Receipts for contract work
	Quantity	Value	
Men's and youths' clothing:	*Number*		
Suits, total	23,763,335	$490,955,817	$9,698,849
California	122,107	2,868,550	139,264
Illinois	3,237,153	86,957,376	1,857,653
Kentucky	229,762	4,010,725	59,497
Louisiana	188,592	1,905,218	----------
Maryland [1]	1,188,159	24,491,809	885,831
Massachusetts	436,478	10,787,159	402,597
Missouri	542,937	10,965,766	152,000
New Jersey	437,963	9,639,765	553,089
New York	11,834,270	230,114,722	4,042,039
Ohio	1,804,613	37,216,931	799,849
Pennsylvania	2,756,317	53,494,479	179,859
Tennessee	210,447	2,383,582	----------
Virginia	196,094	3,689,969	----------
Other States	578,443	12,429,766	627,171
Two-piece suits, total	2,235,343	35,699,874	1,991,884
Illinois	380,306	7,147,500	359,441
Louisiana	124,507	1,247,845	----------
Maryland	163,763	2,718,821	54,250
New York	769,494	12,590,734	852,398
Ohio	115,859	2,496,455	88,986
Pennsylvania	301,761	3,946,329	(2)
Other States	379,653	5,552,190	636,809
Two-piece suits with extra trousers, total	1,349,890	24,911,388	508,988
Illinois	42,993	642,268	(2)
Maryland	79,218	1,561,177	101,819
New York	579,124	8,864,738	----------
Ohio	15,202	349,703	(2)
Pennsylvania	432,821	9,033,991	(2)
Other States	200,532	4,459,511	407,169
Two-piece suits with extra knickers, total	103,556	1,479,632	95,941
New York	97,716	1,280,480	(2)
Other States	5,840	199,152	95,941
Three-piece suits, total	12,160,188	275,380,037	5,157,594
California	101,282	2,268,308	139,264
Illinois	2,271,641	62,524,610	930,509
Kentucky	128,748	2,117,127	22,441
Maryland	692,406	13,511,292	652,254
Massachusetts	213,877	5,638,706	(2)
New Jersey	181,142	4,257,993	(2)
New York	6,014,842	133,077,207	2,362,740
Ohio	1,256,311	25,603,018	537,501
Pennsylvania	785,173	16,291,820	62,022
Tennessee	129,064	1,418,016	----------
Other States	385,702	8,671,940	450,863
Three-piece suits with extra trousers, total	7,486,174	145,156,989	1,562,089
Illinois	535,254	16,373,743	235,573
Maryland	252,772	6,700,519	77,508
Massachusetts	193,374	4,423,659	(2)
Missouri	322,135	6,721,645	----------
New Jersey	120,298	2,002,442	----------
New York	4,008,613	67,596,167	608,670
Ohio	392,724	8,026,044	(2)
Pennsylvania	1,220,952	23,911,956	(2)
Virginia	117,686	2,195,815	----------
Other States	322,366	7,204,999	640,338
Three-piece suits with extra knickers, total	428,184	8,327,897	382,353
New York	364,481	6,705,396	(2)
Other States	63,703	1,622,501	382,353

See footnotes at end of table.

TABLE 5.—CLOTHING, MEN'S, YOUTHS', AND BOYS' (EXCEPT WORK CLOTHING)—PRODUCTION OF PRINCIPAL CLASSES, BY QUANTITY AND VALUE, BY STATES: 1927—Continued

[See note at head of this table, p. 359]

CLASS AND STATE	PRODUCTS		Receipts for contract work
	Quantity	Value	
Men's and youths' clothing—Continued.	*Number*		
Separate trousers, total	19,883,301	$62,764,557	$15,093,687
California	293,234	1,036,743	138,487
Illinois	1,728,763	8,011,345	1,549,121
Kentucky	1,044,793	2,293,292	(2)
Maryland	1,025,063	3,023,304	491,453
Massachusetts	491,102	1,620,025	470,694
Missouri	750,812	2,405,109	299,667
New York	5,933,244	19,802,499	6,377,258
Ohio	1,802,898	6,902,860	1,067,632
Pennsylvania	2,552,010	6,553,288	3,491,553
Tennessee	475,698	1,013,321	----------
Other States	3,785,684	10,102,771	1,207,822
Separate coats, total	1,153,540	8,038,360	18,856,248
Illinois	108,393	1,126,904	1,495,990
Maryland	(2)	(2)	1,262,968
New Jersey	(2)	(2)	2,712,824
New York	317,227	2,293,162	10,215,509
Pennsylvania	152,441	1,472,005	2,121,798
Other States	575,479	3,146,289	1,047,159
Separate vests, total	600,434	2,329,927	6,684,785
Illinois	106,171	313,506	598,317
New York	368,311	1,523,202	3,979,057
Pennsylvania	24,228	77,433	701,869
Other States	101,724	415,786	1,405,542
Overcoats and topcoats, total	6,528,699	129,372,498	8,156,410
Illinois	573,548	15,597,670	449,869
Maryland	207,641	4,828,211	758,147
Massachusetts	296,122	6,445,746	270,065
Minnesota	151,503	2,030,476	(2)
Missouri	61,795	1,185,580	(2)
New Jersey	115,565	2,472,984	1,040,528
New York	3,360,842	63,793,895	4,411,726
Ohio	698,095	11,807,796	168,396
Pennsylvania	677,612	14,045,889	978,384
Wisconsin	152,069	2,567,801	2,352
Other States	233,907	4,596,450	76,943
Boys' suits, total	6,928,685	46,093,745	1,637,337
Illinois [3]	119,934	1,561,413	----------
New Jersey	510,384	1,637,995	169,115
New York	4,897,768	36,219,408	919,668
Ohio	517,196	1,330,736	(2)
Pennsylvania	268,839	2,182,844	(2)
Other States	614,564	3,161,349	548,554
One-pants suits (not knickers), total	2,461,502	9,201,329	413,806
New Jersey	393,122	1,028,448	(2)
New York	1,140,081	6,248,338	351,996
Other States	928,299	1,924,543	61,810
One-pants suits (knickers), total	407,090	2,933,918	385,519
New York	292,226	1,484,561	169,968
Other States	114,864	1,449,357	215,551
Two-pants suits (not knickers), total	894,874	8,261,073	178,000
Illinois	71,175	992,765	----------
New York	666,701	5,527,168	(2)
Other States	156,998	1,741,140	178,000
Two-pants suits (knickers), total	1,621,453	14,419,045	222,400
Illinois	48,759	568,666	----------
New York	1,354,566	12,403,740	(2)
Other States	218,128	1,446,639	222,400

See footnotes at end of table.

TABLE 5.—CLOTHING, MEN'S, YOUTHS', AND BOYS' (EXCEPT WORK CLOTHING)—PRODUCTION OF PRINCIPAL CLASSES, BY QUANTITY AND VALUE, BY STATES: 1927—Continued

[See note at head of this table, p. 359]

CLASS AND STATE	PRODUCTS		Receipts for contract work
	Quantity	Value	
Boys' suits—Continued.	*Number*		
Two-pants suits (one long pants, one knickers), total	1, 543, 766	$11, 278, 380	$437, 612
New York	1, 444, 194	10, 555, 601	270, 304
Other States	99, 572	722, 779	167, 308
Boys' separate pants and knickers, total	9, 317, 107	14, 119, 723	2, 667, 798
Missouri	371, 264	672, 822	67, 734
New York	5, 210, 783	8, 035, 461	1, 767, 950
Pennsylvania	420, 810	824, 024	296, 340
Other States	3, 314, 250	4, 587, 416	535, 774
Boys' overcoats and reefers, total	2, 161, 936	19, 486, 396	1, 820, 604
Illinois	98, 846	1, 440, 568	----------
New York	1, 763, 433	16, 348, 538	1, 295, 168
Other States	299, 657	1, 697, 290	525, 436
Sport clothing, other than leather, total	3, 587, 231	9, 546, 762	788, 729
Illinois	287, 796	933, 534	36, 842
Maryland	631, 048	958, 030	----------
New York	802, 065	2, 904, 096	[4] 503, 447
Pennsylvania	501, 394	1, 361, 984	(2)
Other States	1, 364, 928	3, 389, 118	248, 440
Hunting coats, total	261, 319	976, 913	71, 026
New York	144, 839	557, 733	(2)
Other States	116, 480	419, 180	71, 026
Knickers, total	1, 597, 699	3, 777, 673	529, 472
New York	384, 160	1, 169, 737	367, 815
Pennsylvania	376, 552	841, 533	(2)
Other States	836, 987	1, 766, 403	161, 657
Riding breeches, total	1, 420, 744	3, 563, 072	57, 220
New York	196, 077	757, 512	11, 910
Pennsylvania	56, 648	235, 847	----------
Other States	1, 168, 019	2, 569, 713	45, 310
Other, total	307, 469	1, 229, 104	131, 011
New York	76, 989	419, 114	123, 722
Other States	230, 480	809, 990	7, 289
Leather clothing, including leather sport clothing, total	1, 463, 863	9, 937, 799	1, 275, 629
Massachusetts	259, 023	1, 599, 050	75, 625
Minnesota	371, 501	2, 940, 927	----------
New York	289, 481	1, 107, 079	593, 912
Wisconsin	426, 788	3, 366, 058	25, 525
Other States	117, 070	924, 685	580, 567
Hunting coats, total	159, 036	1, 144, 504	----------
Other leather coats, total	212, 923	1, 951, 285	69, 225
Massachusetts	94, 990	774, 455	----------
Minnesota	16, 409	227, 243	----------
Wisconsin	72, 312	752, 255	(2)
Other States	29, 212	197, 332	69, 225
Windbreakers and lumberjacks, total	602, 570	3, 893, 407	111, 306
Massachusetts	99, 988	652, 010	----------
New York	181, 566	784, 286	(2)
Other States	321, 016	2, 457, 111	111, 306

See footnotes at end of table.

TABLE 5.—CLOTHING, MEN'S, YOUTHS', AND BOYS' (EXCEPT WORK CLOTHING)—PRODUCTION OF PRINCIPAL CLASSES, BY QUANTITY AND VALUE, BY STATES: 1927—Continued

[See note at head of this table, p. 359]

CLASS AND STATE	PRODUCTS		Receipts for contract work
	Quantity	Value	
Leather clothing—Continued.	*Number*		
Vests, total	294, 714	$1, 834. 939	$1, 078, 598
Minnesota	234, 128	1, 746, 002	----------
Other States	60, 586	88, 937	1, 078, 598
Other leather clothing, total	194, 620	1, 113, 664	16,500
Windbreakers and lumberjacks, other than leather, total	1, 605, 111	4, 573, 234	98, 931
Massachusetts	97, 036	241, 443	----------
Minnesota	121, 311	558, 451	----------
New York	491, 583	1, 425, 950	88, 931
Wisconsin	196, 602	700, 061	----------
Other States	698, 579	1, 647, 329	10, 000
	Dozens		
Blanket-lined coats, total	31, 711	849, 242	----------
Children's play suits, total	1, 581, 888	12, 871, 141	222, 069
Indiana	248, 839	1, 618, 935	----------
Missouri	106, 609	827, 311	(2)
New York	436, 307	4, 136, 978	69, 264
Ohio	87, 914	577, 844	----------
Pennsylvania	155, 003	1, 666, 088	(2)
Other States	547, 216	4, 043, 985	152, 805
Denim, total	1, 016, 885	7, 883, 919	84, 268
New York	148, 469	1, 334, 288	(2)
Other States	868, 416	6, 549, 631	84, 268
Other than denim, total	565, 003	4, 987, 222	137, 801
New York	287, 838	2, 802, 690	(2)
Pennsylvania	105, 289	1, 299, 083	(2)
Other States	171, 876	885, 449	137, 801
Men's, youths', and boys', waterproof outergarments, total [5]	*Number* 7, 648, 819	21, 750, 217	232, 114
Illinois	161, 410	563, 710	----------
Massachusetts	4, 833, 403	11, 703, 817	83, 990
New York	1, 242, 205	4, 719, 645	87, 681
Ohio	166, 861	594, 328	----------
Other States	1, 244, 940	4, 168, 717	60, 443
Rubberized, total [5]	3, 778, 410	13, 597, 132	184, 244
Illinois	156, 360	549, 148	----------
Massachusetts	1, 867, 258	6, 494, 602	(2)
New York	900, 813	3, 909, 853	87, 681
Ohio	166, 861	594, 328	----------
Other States	687, 118	2, 049, 201	96, 563
Oiled, total	3, 574, 562	7, 088, 776	----------
Other proofing, total	295, 847	1, 064, 309	47, 870
Costumes (theatrical, masquerade, etc.), total	210, 368	3, 323, 578	8, 491
New York	96, 050	2, 242, 090	(2)
Pennsylvania	83, 174	463. 813	----------
Other States	31, 144	617, 675	8, 491

See footnotes at end of table.

TABLE 5.—CLOTHING, MEN'S, YOUTHS', AND BOYS' (EXCEPT WORK CLOTHING)—PRODUCTION OF PRINCIPAL CLASSES, BY QUANTITY AND VALUE, BY STATES: 1927—Continued

[See note at head of this table, p. 359]

CLASS AND STATE	PRODUCTS		Receipts for contract work
	Quantity	Value	
	Number		
Uniforms (other than white-duck), total	2, 242, 736	$16, 911, 561	$508, 887
Illinois	157, 578	2, 098, 637	125, 434
New York	322, 918	5, 097, 314	243, 035
Ohio	175, 665	1, 952, 968	----------
Pennsylvania	514, 000	3, 995, 671	41, 319
Other States	1, 072, 575	3, 766, 971	99, 099
Military, naval cadet, etc., total	368, 982	5, 762, 199	120, 163
Hospital, professional, etc., total	108, 879	490, 642	23, 637
Other, for policemen, firemen, conductors, motormen, etc., total	1, 764, 875	10, 658, 720	365, 087
Uniforms (white-duck), total	4, 932, 426	8, 242, 255	99, 028
Illinois	955, 263	1, 309, 365	----------
Massachusetts	843, 913	1, 165, 744	----------
New York	937, 911	2, 962, 499	----------
Pennsylvania	626, 673	828, 621	----------
Other States	1, 568, 666	1, 976, 026	99, 028
Naval cadet, etc., total	152, 652	996, 569	85, 974
New York	138, 162	935, 439	(2)
Other States	14, 490	61, 130	85, 974
Hospital, professional, etc., total	620, 723	1, 141, 683	----------
New York	142, 312	458, 083	----------
Other States	478, 411	683, 600	----------
Other, total	4, 159, 051	6, 104, 003	13, 054
Illinois	828, 227	1, 057, 891	(3)
Massachusetts	836, 713	1, 156, 577	----------
New York	657, 437	1, 568, 977	----------
Other States	1, 836, 674	2, 320, 558	13, 054

[1] Exclusive of 4 establishments included in "Other States" to avoid disclosing the output of individual establishments.
[2] Included in figure for "Other States" to avoid disclosing the output of individual establishments.
[3] Exclusive of 2 establishments included in "Other States" to avoid disclosing the output of individual establishments.
[4] Exclusive of 1 establishment included in "Other States" to avoid disclosing the output of individual establishments.
[5] Includes $6,331,650 worth of waterproof outergarments for both sexes, made by manufacturers of rubber goods.

TABLE 6.—CLOTHING, MEN'S, YOUTHS', AND BOYS' (EXCEPT WORK CLOTHING)—SUMMARY FOR ALL FACTORIES (REGULAR FACTORIES AND CONTRACT SHOPS), FOR LEADING STATES: 1927, 1925, AND 1923

STATE	NUMBER OF ESTABLISHMENTS			WAGE EARNERS (AVERAGE FOR THE YEAR)			WAGES			COST OF MATERIALS, SUPPLIES, FUEL, AND POWER			VALUE OF PRODUCTS		
	1927	1925	1923	1927	1925	1923	1927	1925	1923	1927	1925	1923	1927	1925	1923
United States	3,562	3,491	4,024	146,099	141,511	158,173	$184,613,090	$179,044,721	$207,252,217	$447,244,635	$471,501,209	$483,926,728	$932,181,718	$946,274,140	$1,016,721,705
Per cent of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Leading States	3,309	3,209	3,798	130,835	126,748	144,361	170,949,654	166,080,800	195,429,583	414,352,612	439,694,786	456,227,053	869,122,282	887,817,112	965,982,782
Per cent of total	92.9	91.9	94.4	89.6	89.6	91.3	92.6	92.8	94.3	92.6	93.3	94.3	93.2	93.8	95.0
Other States [1]	253	282	226	15,264	14,763	13,812	13,663,436	12,963,921	11,822,634	32,892,023	31,806,423	27,699,675	63,059,436	58,457,028	50,738,923
Per cent of total	7.1	8.1	5.6	10.4	10.4	8.7	7.4	7.2	5.7	7.4	6.7	5.7	6.8	6.2	5.0
Leading States															
New York	1,785	1,670	2,211	49,523	48,537	56,994	73,547,369	72,210,779	85,026,343	213,166,250	233,758,168	240,242,535	443,639,188	462,242,951	504,812,922
Per cent of total	50.1	47.8	54.9	33.9	34.3	36.0	39.8	40.3	41.0	47.7	49.6	49.6	47.6	48.8	49.6
Illinois	330	332	328	22,060	23,499	31,961	32,887,661	32,407,283	48,887,535	54,166,681	56,102,549	76,498,660	130,482,815	127,329,289	178,042,702
Per cent of total	9.3	9.5	8.2	15.1	16.6	20.2	17.8	18.1	23.6	12.1	11.9	15.8	14.0	13.5	17.5
Pennsylvania	419	414	470	17,378	15,680	16,516	20,176,368	18,373,419	17,678,410	48,177,001	50,563,015	47,659,850	97,338,993	97,057,921	92,956,430
Per cent of total	11.8	11.9	11.7	11.9	11.1	10.5	10.9	10.3	8.5	10.8	10.7	9.9	10.4	10.3	9.1
Ohio	148	164	154	13,318	12,652	12,024	13,564,324	15,026,096	13,592,055	34,557,252	34,750,807	29,337,428	64,615,217	70,108,721	59,842,628
Per cent of total	4.2	4.7	3.8	9.1	8.9	7.6	7.3	8.4	6.6	7.7	7.4	6.1	6.9	7.4	5.9
Maryland	211	208	184	8,816	9,228	8,199	8,339,204	8,951,905	8,479,715	18,370,208	25,766,417	21,169,769	39,915,726	51,853,409	45,730,260
Per cent of total	5.9	6.0	4.6	6.0	6.5	5.2	4.5	5.0	4.1	4.1	5.5	4.4	4.3	5.5	4.5
Massachusetts	167	179	201	6,488	5,593	6,840	7,392,633	6,424,162	8,532,403	17,096,673	15,449,493	19,082,275	33,823,289	30,428,548	36,762,027
Per cent of total	4.7	5.1	5.0	4.4	4.0	4.3	4.0	3.6	4.1	3.8	3.3	3.9	3.6	3.2	3.6
New Jersey	151	162	171	6,522	6,393	6,285	7,925,761	7,203,869	7,350,263	10,788,276	8,905,724	7,842,597	25,784,940	21,060,723	20,900,498
Per cent of total	4.2	4.6	4.2	4.5	4.5	4.0	4.3	4.0	3.6	2.4	1.9	1.6	2.8	2.2	2.1
Missouri	68	58	51	4,171	3,620	3,530	4,089,561	3,798,968	3,715,596	10,133,040	11,121,193	9,423,582	19,639,378	20,946,721	18,228,012
Per cent of total	1.9	1.7	1.3	2.9	2.6	2.2	2.2	2.1	1.8	2.3	2.4	2.0	2.1	2.2	1.8
Wisconsin	30	22	28	2,559	1,546	2,012	3,026,773	1,684,319	2,167,263	7,897,231	3,277,420	4,970,357	13,882,736	6,788,829	8,707,303
Per cent of total	0.8	0.6	0.7	1.8	1.1	1.3	1.6	0.9	1.0	1.8	0.7	1.0	1.5	0.7	0.9

[1] Alabama, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Michigan, Minnesota, Nebraska, New Hampshire, North Carolina, Oklahoma, Oregon, Rhode Island, Tennessee, Texas, Vermont, Virginia, Washington, West Virginia.

TABLE 7.—CLOTHING, MEN'S, YOUTHS', AND BOYS' (EXCEPT WORK CLOTHING)—SUMMARY FOR ALL FACTORIES (REGULAR FACTORIES AND CONTRACT SHOPS), FOR PRINCIPAL CITIES: 1927, 1925, AND 1923

CITY	NUMBER OF ESTABLISHMENTS			WAGE EARNERS (AVERAGE FOR THE YEAR)			WAGES			COST OF MATERIALS, SUPPLIES, FUEL, AND POWER			VALUE OF PRODUCTS		
	1927	1925	1923	1927	1925	1923	1927	1925	1923	1927	1925	1923	1927	1925	1923
United States	3,562	3,491	4,024	146,099	141,511	158,173	$184,613,090	$179,044,721	$207,252,217	$447,244,635	$471,501,209	$483,926,728	$932,181,718	$946,274,140	$1,016,721,705
Per cent of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Principal cities	2,853	2,732	3,295	102,179	98,442	114,732	143,577,680	139,372,775	166,892,600	369,632,896	393,738,163	408,769,940	772,206,371	790,869,183	865,433,623
Per cent of total	80.1	78.3	81.9	69.9	69.6	72.5	77.8	77.8	80.5	82.6	83.5	84.5	82.8	83.6	85.1
Remainder of United States	709	759	729	43,920	43,069	43,441	41,035,410	39,671,946	40,359,617	77,611,739	77,763,046	75,156,788	159,975,347	155,404,957	151,288,082
Per cent of total	19.9	21.7	18.1	30.1	30.4	27.5	22.2	22.2	19.5	17.4	16.5	15.5	17.2	16.4	14.9
Principal Cities															
New York	1,634	1,500	2,012	30,687	29,717	37,648	50,769,951	50,654,892	61,356,773	175,855,645	192,431,151	198,874,869	360,100,965	376,266,029	413,918,669
Per cent of total	45.9	43.0	50.0	21.0	21.0	23.8	27.5	28.3	29.6	39.3	40.8	41.1	38.6	39.8	40.7
Chicago	299	306	308	19,494	21,283	28,678	31,018,295	30,453,812	46,119,479	50,078,096	51,788,420	70,910,546	121,372,274	119,310,343	168,249,689
Per cent of total	8.4	8.8	7.6	13.3	15.0	18.1	16.8	17.0	22.3	11.2	11.0	14.7	13.0	12.6	16.6
Philadelphia	324	305	354	10,430	8,956	9,260	14,653,984	12,586,273	11,766,796	40,825,425	41,596,138	37,905,025	80,047,204	77,311,114	70,554,935
Per cent of total	9.1	8.7	8.8	7.1	6.3	5.9	7.9	7.0	5.7	9.1	8.8	7.8	8.6	8.2	6.9
Rochester [1]	63	77	98	11,325	10,088	10,983	15,185,771	13,628,643	15,271,945	24,628,169	25,747,686	24,853,223	56,998,739	55,110,348	58,937,241
Per cent of total	1.8	2.2	2.4	7.8	7.1	6.9	8.2	7.6	7.4	5.5	5.5	5.1	6.1	5.8	5.8
Baltimore	207	202	179	8,392	8,771	7,849	7,987,203	8,680,060	8,257,222	17,798,523	25,400,361	20,982,838	38,728,516	50,332,343	45,138,214
Per cent of total	5.8	5.8	4.5	5.7	6.2	5.0	4.3	4.8	4.0	4.0	5.4	4.3	4.2	5.3	4.4
Cincinnati	77	85	75	7,026	6,678	5,970	6,696,182	8,302,926	6,821,160	16,577,736	19,643,845	14,591,159	34,118,632	40,681,928	31,656,766
Per cent of total	2.2	2.4	1.9	4.8	4.7	3.8	3.6	4.6	3.3	3.7	4.2	3.0	3.7	4.3	3.1
Boston	129	144	160	4,193	3,853	4,818	5,329,479	4,717,151	6,592,821	12,916,969	11,671,647	15,728,374	26,059,827	23,338,910	30,139,808
Per cent of total	3.6	4.1	4.0	2.9	2.7	3.0	2.9	2.6	3.2	2.9	2.5	3.3	2.8	2.5	3.0
Cleveland	38	45	42	4,501	4,474	4,636	5,406,412	5,339,561	5,489,376	14,673,611	12,732,150	12,142,137	24,338,395	23,671,416	22,863,808
Per cent of total	1.1	1.3	1.1	3.1	3.2	2.9	2.9	3.0	2.6	3.3	2.7	2.5	2.6	2.5	2.2
St. Louis	57	53	46	3,831	3,402	3,322	3,757,903	3,580,554	3,371,635	9,233,181	10,427,297	8,993,458	17,989,266	19,746,468	17,246,632
Per cent of total	1.6	1.5	1.1	2.6	2.4	2.1	2.0	2.0	1.6	2.1	2.2	1.9	1.9	2.1	1.7
Milwaukee	25	15	21	2,300	1,220	1,568	2,772,500	1,428,903	1,845,393	7,045,541	2,299,468	3,788,311	12,452,553	5,100,284	6,727,861
Per cent of total	0.7	0.4	0.5	1.6	0.9	1.0	1.5	0.8	0.8	1.6	0.4	0.8	1.3	0.5	0.7

[1] Includes for 1923, data for 1 small establishment engaged primarily in the production of work clothing, to avoid disclosing its operations.

TABLE 8.—CLOTHING, MEN'S, YOUTHS', AND BOYS' (EXCEPT WORK CLOTHING)—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data reported by individual establishments. Certain of the "Other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower	Salaries	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture[1]
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)					Materials and supplies	Fuel and power		
ALL FACTORIES													
United States	3,562	168,708	4,231	18,378	146,099	34,351	$43,046,189	$184,613,090	$94,388,418	$443,644,478	$3,600,157	$932,181,718	$484,937,083
California	50	1,656	65	176	1,415	220	373,661	1,871,559	122,024	2,332,132	23,116	5,725,970	3,370,722
Connecticut	16	994	20	96	878	89	188,308	832,984	135,415	1,298,078	13,256	3,231,540	1,920,206
Georgia	4	202	--------	16	186	25	36,246	113,567	----------	423,785	4,550	709,283	280,948
Illinois	330	26,728	317	4,351	22,060	5,340	9,565,373	32,887,661	4,352,507	53,659,107	507,574	130,482,815	76,316,134
Indiana	16	1,873	4	163	1,706	477	200,475	1,837,536	32,913	3,219,092	25,714	7,325,448	4,080,642
Iowa	4	218	3	20	195	58	47,808	224,548	----------	539,204	8,497	1,058,646	510,945
Kentucky	27	2,695	23	216	2,456	1,029	542,754	1,942,603	38,915	4,391,899	37,602	7,958,133	3,528,632
Louisiana	9	787	4	70	713	159	127,755	423,257	----------	1,394,146	11,635	2,238,661	832,880
Maine	8	272	9	20	243	56	33,278	150,402	7,699	225,858	4,690	496,182	265,634
Maryland	211	10,186	295	1,075	8,816	2,142	1,826,869	8,339,204	4,224,075	18,172,678	197,530	39,915,726	21,545,518
Massachusetts	167	7,283	157	638	6,488	1,511	1,647,217	7,392,633	1,684,449	16,917,954	178,719	33,823,289	16,726,616
Michigan	13	724	9	72	643	165	159,019	726,017	18,298	1,811,276	23,791	3,340,593	1,505,526
Minnesota	32	1,821	15	244	1,562	1,071	465,112	1,675,939	12,174	4,512,547	46,975	7,376,973	2,817,451
Missouri	68	4,847	39	637	4,171	1,535	1,345,252	4,089,561	383,872	10,037,445	95,595	19,639,378	9,506,338
Nebraska	7	91	8	9	74	11	17,222	76,225	1,552	128,403	2,212	306,903	176,288
New Hampshire	3	206	--------	14	192	48	26,496	145,230	----------	381,661	6,796	866,333	477,876
New Jersey	151	7,036	179	335	6,522	1,296	1,018,315	7,925,761	1,111,187	10,586,002	202,274	25,784,940	14,996,664
New York	1,785	58,150	2,325	6,302	49,523	10,982	16,492,406	73,547,369	69,101,385	211,846,157	1,320,093	443,639,188	230,472,938
Ohio	148	15,004	134	1,552	13,318	2,584	3,458,429	13,564,324	2,576,341	34,300,781	256,471	64,615,217	30,057,965
Oklahoma	3	25	3	2	20	6	1,200	24,140	----------	17,607	1,000	62,348	43,741
Oregon	4	459	1	67	391	78	175,480	355,382	----------	1,086,781	7,074	2,106,838	1,012,983
Pennsylvania	419	19,498	580	1,540	17,378	3,627	3,506,136	20,176,368	9,418,608	47,706,527	470,474	97,338,993	49,161,992
Tennessee	8	1,444	5	92	1,347	253	227,639	872,875	8,051	2,315,524	23,469	4,269,057	1,930,064
Texas	4	144	--------	12	132	27	44,912	96,363	----------	164,748	2,124	390,812	223,940
Virginia	11	1,550	1	115	1,434	339	204,456	993,268	58,133	2,561,750	28,565	4,714,712	2,124,397

Wisconsin	30	2,890	21	310	2,559	845	816,377	3,026,773	201,467	7,834,321	62,910	13,882,736	5,985,505
Other States [2]	15	1,131	3	136	992	165	227,841	706,799	745,272	3,963,946	23,434	7,489,838	3,502,458
REGULAR FACTORIES													
United States	2,044	125,740	2,084	17,076	106,580	27,465	40,559,818	137,336,239	92,630,544	440,340,173	2,585,728	865,424,324	422,498,423
California	29	1,328	27	172	1,129	180	366,428	1,481,830	112,469	2,315,177	16,900	5,187,629	2,855,552
Connecticut	12	784	14	95	675	57	187,268	656,043	135,415	1,285,255	8,314	2,989,856	1,696,287
Georgia	4	202	----------	16	186	25	36,246	113,567	----------	423,785	4,550	709,283	280,948
Illinois	156	23,296	71	4,162	19,063	4,889	9,246,605	29,403,706	3,799,082	53,002,195	450,161	124,230,434	70,778,078
Kentucky	20	2,536	16	214	2,306	1,011	542,072	1,816,983	37,672	4,389,038	35,348	7,797,453	3,373,067
Louisiana	9	787	4	70	713	159	127,755	423,257	----------	1,394,146	11,635	2,238,661	832,880
Maine	3	108	3	12	93	22	22,228	64,651	7,699	198,849	1,560	328,798	128,389
Maryland	119	7,213	183	968	6,062	1,741	1,638,453	5,732,104	4,184,668	18,107,559	136,082	36,546,560	18,302,919
Massachusetts	111	5,978	92	578	5,308	1,202	1,529,267	6,167,039	1,652,518	16,523,540	151,273	31,667,601	14,992,788
Missouri	50	4,492	21	619	3,852	1,496	1,299,896	3,737,019	383,872	9,955,604	85,227	19,051,808	9,010,977
Nebraska	7	91	8	9	74	11	17,222	76,225	1,552	128,403	2,212	306,903	176,288
New Hampshire	3	206	----------	14	192	48	26,496	145,230	----------	381,661	6,796	866,333	477,876
New Jersey	35	2,681	26	183	2,472	636	667,929	3,092,746	1,046,685	10,344,518	81,716	19,224,349	8,798,115
New York	1,025	37,715	1,174	5,819	30,722	7,528	15,540,854	47,829,099	68,308,813	210,469,835	814,930	408,446,528	197,161,763
Ohio	91	13,276	65	1,495	11,716	2,285	3,350,044	11,949,787	2,483,414	34,130,761	223,345	62,104,018	27,749,912
Oregon	4	459	1	67	391	78	175,480	355,382	----------	1,086,781	7,074	2,106,838	1,012,983
Pennsylvania	235	12,689	320	1,342	11,027	2,611	3,174,340	14,104,005	9,258,470	47,498,842	305,984	89,179,556	41,374,730
Tennessee	8	1,444	5	92	1,347	253	227,639	872,875	8,051	2,315,524	23,469	4,269,057	1,930,064
Texas	4	144	----------	12	132	27	44,912	96,363	----------	164,748	2,124	390,812	223,940
Washington	8	259	5	27	227	66	55,072	263,752	----------	501,178	3,752	962,695	457,765
West Virginia	5	454	----------	67	387	136	208,920	226,337	154,081	1,274,819	8,570	2,229,475	946,086
Wisconsin	24	2,746	15	309	2,422	827	814,887	2,877,865	201,467	7,829,600	59,551	13,699,950	5,810,799
Other States [3]	82	6,852	34	734	6,084	2,177	1,259,805	5,850,374	854,616	16,618,355	145,155	30,889,727	14,126,217
CONTRACT SHOPS													
United States	1,518	42,968	2,147	1,302	39,519	6,886	2,486,371	47,276,851	1,757,874	3,304,305	1,014,429	66,757,394	62,438,660
California	21	328	38	4	286	40	7,233	389,729	9,555	16,955	6,216	538,341	515,170
Connecticut	4	210	6	1	203	32	1,040	176,941	----------	12,823	4,942	241,684	223,919
Illinois	174	3,432	246	189	2,997	451	318,768	3,483,955	553,425	656,912	57,413	6,252,381	5,538,056
Kentucky	7	159	7	2	150	18	682	125,620	1,243	2,861	2,254	160,680	155,565
Maine	5	164	6	8	150	34	11,050	85,751	----------	27,009	3,130	167,384	137,245

See footnotes at end of table.

TABLE 8.—CLOTHING, MEN'S, YOUTHS', AND BOYS' (EXCEPT WORK CLOTHING)—GENERAL STATISTICS, BY STATES: 1927—Continued

[See note at head of this table, p. 366]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower	Salaries	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture[1]
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)					Materials and supplies	Fuel and power		
CONTRACT SHOPS—contd.													
Maryland	92	2,973	112	107	2,754	401	$188,416	$2,607,100	$39,407	$65,119	$61,448	$3,369,166	$3,242,599
Massachusetts	56	1,305	65	60	1,180	309	117,950	1,225,594	31,931	394,414	27,446	2,155,688	1,733,828
Missouri	18	355	18	18	319	39	45,356	352,542	----------	81,841	10,368	587,570	495,361
New Jersey	116	4,355	153	152	4,050	660	350,386	4,833,015	64,502	241,484	120,558	6,560,591	6,198,549
New York	760	20,435	1,151	483	18,801	3,454	951,552	25,718,270	792,572	1,376,322	505,163	35,192,660	33,311,175
Ohio	57	1,728	69	57	1,602	299	108,385	1,614,537	92,927	170,020	33,126	2,511,199	2,308,053
Pennsylvania	184	6,809	260	198	6,351	1,016	331,796	6,072,363	160,138	207,685	164,490	8,159,437	7,787,262
Washington	6	81	6	4	71	11	6,161	104,653	----------	39,072	1,695	198,996	158,229
Wisconsin	6	144	6	1	137	18	1,490	148,908	----------	4,721	3,359	182,786	174,706
Other States[4]	12	490	4	18	468	104	46,106	337,873	12,174	7,067	12,821	478,831	458,943

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Alabama, 2 establishments; Colorado, 3; Delaware, 3; District of Columbia, 1; Florida, 1; Kansas, 1; North Carolina, 2; Rhode Island, 1; Vermont, 1.
[3] Alabama, 2 establishments; Colorado, 3; Delaware, 2; District of Columbia, 1; Indiana, 13; Iowa, 3; Kansas, 1; Michigan, 12; Minnesota, 30; North Carolina, 1; Oklahoma, 2; Rhode Island, 1; Vermont, 1; Virginia, 10.
[4] Delaware, 1; Florida, 1; Indiana, 3; Iowa, 1; Michigan, 1; Minnesota, 2; North Carolina, 1; Oklahoma, 1; Virginia, 1.

TABLE 9.—CLOTHING, WORK (EXCEPT SHIRTS), MEN'S—SUMMARY FOR THE UNITED STATES: 1927, 1925, AND 1923

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	556	40,612	$29,945,915	$1,435,615	$85,134,183	$147,289,025	$62,154,842	11,218
1925	509	32,821	24,802,629	1,242,338	85,969,311	140,963,602	54,994,291	11,542
1923	583	36,647	28,234,741	1,381,716	100,877,194	161,993,026	61,115,832	12,392
	PER CENT OF INCREASE OR DECREASE (—)							
1925–1927	9.2	23.7	20.7	15.6	−1.0	4.5	13.0	−2.8
1923–1925	−12.7	−10.4	−12.2	−10.1	−14.8	−13.0	−10.0	−6.9
1923–1927	−4.6	10.8	6.1	3.9	−15.6	−9.1	1.7	−9.5

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

TABLE 10.—CLOTHING, WORK (EXCEPT SHIRTS), MEN'S—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
		Horsepower		*Horsepower*		*Horsepower*
Prime movers, total	3,510	11,218	2,627	11,542	3,091	12,392
Steam engines	10	1,064	17	2,253	17	2,321
Steam turbines			1	30		
Internal-combustion engines	8	131	8	230	15	211
Water wheels and turbines	3	156	7	218	17	236
Electric motors driven by purchased current	3,489	9,867	2,594	8,811	3,042	9,624
Electric motors, total	3,751	10,451	2,820	9,528	3,342	10,426
Driven by purchased current	3,489	9,867	2,594	8,811	3,042	9,624
Driven by current generated in establishment reporting	262	584	226	717	300	802
		Kilowatts		*Kilowatts*		*Kilowatts*
Electric generators	11	2,530	18	1,580	(1)	(1)

[1] Not called for on schedule.

TABLE 11.—CLOTHING, WORK (EXCEPT SHIRTS), MEN'S—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR 1927, AND PRODUCTS, BY CLASS AND VALUE, FOR 1925 AND 1923, FOR THE UNITED STATES

CLASS	1927		1925	1923
	Products		Value of products	Value of products
	Quantity	Value		
1. Men's work clothing industry		$147, 289, 025	$140, 963, 602	$161, 993, 026
2. Regular factories		145, 370, 789	140, 351, 163	159, 658, 636
3. Contract shops		1, 918, 236	612, 439	2, 334, 390
4. Men's work clothing		120, 505, 072	124, 535, 076	143, 394, 090
5. Other clothing (not normally belonging to the industry)		24, 354, 100	15, 335, 467	16, 238, 071
6. Receipts for contract work		2, 429, 853	1, 093, 059	2, 360, 865
7. Men's work clothing made as a secondary product in other industries		4, 173, 103	2, 437, 468	(1)
Men's work clothing, all industries: Aggregate value (sum of 4 and 7)		124, 678, 175	126, 972, 544	143, 394, 090
	Dozens			
Denim, total	6, 257, 039	81, 694, 767	82, 150, 560	90, 911, 161
Overalls	4, 603, 792	56, 543, 734	(2)	(2)
Overall jackets	804, 656	10, 682, 293	(2)	(2)
One-piece overall suits	277, 078	5, 578, 153	(2)	(2)
Work pants	553, 094	8, 598, 129	(2)	(2)
Other	18, 419	292, 458	(2)	(2)
Other than denim, total	2, 992, 895	42, 983, 408	44, 821, 984	52, 482, 929
Overalls	885, 857	10, 566, 331	(2)	(2)
Overall jackets	167, 798	1, 841, 434	(2)	(2)
One-piece overall suits	164, 233	3, 541, 774	(2)	(2)
Work pants	1, 717, 649	26, 291, 111	(2)	(2)
Other	57, 358	742, 758	(2)	(2)

[1] No data. [2] Not reported separately.

ABLE 12.—CLOTHING, WORK (EXCEPT SHIRTS), MEN'S—PRODUCTION OF PRINCIPAL CLASSES, BY QUANTITY AND VALUE, BY STATES: 1927

his table presents statistics for the States for which separate figures can be given without disclosing he output of individual establishments. Some of the "Other States," however, reported larger quanities and values of some classes of products than some of the States shown separately]

CLASS AND STATE	Quantity	Value
	Dozens	
ork clothing, denim, total	6,257,039	$81,694,767
Overalls, total	4,603,792	56,543,734
California	216,885	3,039,878
Georgia	308,943	3,638,175
Illinois	247,748	2,788,510
Indiana	282,196	3,376,869
Michigan	106,394	1,810,615
Minnesota	165,193	2,490,436
Missouri	444,493	5,579,677
New York	140,616	2,035,679
North Carolina	417,059	3,694,604
Ohio	301,662	3,983,596
Pennsylvania	154,842	1,751,397
Tennessee	238,105	2,715,474
Texas	188,764	2,364,081
Virginia	257,481	2,858,098
Washington	92,233	1,182,913
Wisconsin	136,844	2,247,133
Other States	904,334	10,986,599
verall jackets, total	804,656	10,682,293
Georgia	23,161	380,214
Illinois	42,030	472,761
Indiana	61,943	824,021
Iowa	20,961	311,955
Michigan	37,485	654,832
Minnesota	25,450	421,866
Missouri	74,286	950,105
New York	31,360	494,684
North Carolina	63,963	623,030
Ohio	82,993	992,953
Pennsylvania	39,131	462,823
Tennessee	33,738	424,966
Texas	32,547	425,355
Virginia	24,627	339,346
Wisconsin	32,094	572,276
Other States	178,887	2,331,106
ne-piece overall suits, total	277,078	5,578,153
California	6,122	139,299
Georgia	10,938	239,602
Illinois	17,131	355,485
Indiana	16,153	379,391
Massachusetts	10,364	186,900
Michigan	19,895	527,566
Minnesota	11,917	225,179
Missouri	40,849	1,132,185
New York	40,163	479,256
Ohio	17,755	297,034
Pennsylvania	9,731	171,404
Texas	10,680	177,068
Wisconsin	5,753	119,643
Other States	59,627	1,148,141

CLASS AND STATE	Quantity	Value
	Dozens	
Work clothing, denim—Con. Work pants, total	553,094	$8,598,129
California	26,209	491,574
Georgia	17,344	213,002
Illinois	17,358	224,231
Missouri	30,641	471,609
Pennsylvania	38,875	496,040
Texas	38,191	472,750
Virginia	21,039	196,177
Wisconsin	9,596	178,741
Other States	353,841	5,854,005
Other denim work clothing, total	18,419	292,458
Work clothing, other than demin, total	2,992,895	42,983,408
Overalls, total	885,857	10,566,331
Indiana	38,672	411,010
Massachusetts	13,691	174,755
New York	26,200	326,063
Ohio	27,894	325,497
Pennsylvania	40,069	439,799
Texas	57,426	623,970
Other States	681,905	8,265,237
Overall jackets, total	167,798	1,841,434
California	3,996	51,683
Georgia	8,459	92,256
Missouri	7,865	107,030
Ohio	3,965	59,149
Pennsylvania	7,825	86,440
Other States	135,688	1,444,876
One-piece overall suits, total	164,233	3,541,774
Illinois	22,826	363,923
Indiana	25,165	552,126
Ohio	10,410	197,793
Pennsylvania	8,242	163,882
Texas	10,800	146,883
Other States	86,790	2,112,167
Work pants, total	1,717,649	26,291,111
California	72,982	1,552,190
Georgia	108,469	1,210,769
Illinois	31,991	539,825
Indiana	46,777	761,705
Maryland	208,204	2,172,673
New York	160,901	2,266,648
Ohio	39,313	708,729
Pennsylvania	177,366	3,292,780
Tennessee	44,374	528,730
Texas	216,391	3,064,212
Other States	610,881	10,192,850
Other, total	57,358	742,758

TABLE 13.—CLOTHING, WORK (EXCEPT SHIRTS), MEN'S—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data reported by individual establishments. Certain of the "Other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower	Salaries	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [1]
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)					Materials and supplies	Fuel and power		
United States—All factories	556	43,948	423	2,913	40,612	11,218	$6,232,951	$29,945,915	$1,435,615	$84,408,407	$725,776	$147,289,025	$62,154,842
Regular factories	523	41,913	390	2,835	38,688	10,858	6,130,858	28,874,288	1,434,755	83,972,874	698,514	145,370,789	60,699,401
Contract shops	33	2,035	33	78	1,924	360	102,093	1,071,627	860	435,533	27,262	1,918,236	1,455,441
Alabama	8	937	9	41	887	169	62,128	539,978	580	1,276,132	14,041	2,100,412	810,239
Arkansas	5	531	-------	31	500	126	77,803	343,518	----------	1,090,801	6,858	2,066,928	969,269
California	25	2,034	30	186	1,818	576	425,703	1,865,079	----------	4,124,666	25,257	7,861,835	3,711,912
Colorado	4	465	-------	26	439	118	85,973	422,600	----------	860,038	5,281	1,579,410	714,091
Connecticut	3	88	5	9	74	15	18,824	61,609	957	72,962	2,270	172,320	97,088
Georgia	21	3,063	11	203	2,849	592	349,175	1,498,601	1,602	4,511,113	31,100	7,664,403	3,122,190
Illinois	35	2,018	31	121	1,866	554	342,647	1,530,400	154,703	4,257,732	39,885	7,406,249	3,108,632
Indiana	32	3,026	21	209	2,796	987	480,267	2,101,913	32,145	5,714,314	60,883	9,924,023	4,148,826
Iowa	16	796	3	56	737	220	86,582	495,708	----------	1,391,140	17,794	2,316,875	907,941
Kansas	6	425	-------	27	398	129	55,340	267,544	----------	575,103	6,451	1,163,451	581,897
Kentucky	6	841	-------	42	799	143	72,444	432,980	----------	1,656,733	9,443	2,344,034	677,858
Louisiana	8	790	3	41	746	47	85,971	400,705	13,204	1,268,533	10,507	2,146,658	867,618
Maine	5	209	2	13	194	38	24,503	114,792	----------	278,249	4,064	519,180	236,867
Maryland	13	1,049	19	88	942	349	116,241	833,993	256,348	3,086,795	18,872	4,807,087	1,701,420
Massachusetts	28	746	31	62	653	242	97,018	532,379	134,313	1,526,029	19,638	2,824,294	1,278,627
Michigan	6	1,008	3	81	924	478	183,145	900,944	8,273	2,119,110	24,632	3,740,602	1,596,860
Minnesota	14	1,116	-------	77	1,039	262	160,473	916,717	----------	2,367,053	19,390	4,231,451	1,845,008
Missouri	28	5,414	-------	321	5,093	1,347	808,627	3,462,548	10,257	11,579,323	88,234	19,284,943	7,617,386
Nebraska	3	249	1	18	230	37	31,692	181,709	----------	419,752	2,764	749,405	326,889
New Hampshire	5	304	9	24	271	104	85,668	223,565	----------	710,227	8,112	1,179,349	461,010

New Jersey	14	1,146	17	73	1,056	289	142,645	986,417	8,311	2,229,558	19,994	4,192,986	1,943,434
New York	60	1,801	69	125	1,607	409	258,547	1,741,279	372,250	5,009,000	54,587	9,003,461	3,939,874
North Carolina	11	1,446	2	52	1,392	391	117,261	844,718	136,046	2,945,243	12,738	4,581,347	1,623,366
Ohio	32	2,134	14	167	1,953	549	403,045	1,542,283	64,633	4,086,917	30,325	7,423,752	3,306,510
Oklahoma	3	185	-------	12	173	56	32,053	126,503	----------	319,920	2,565	598,611	276,126
Pennsylvania	61	2,332	100	151	2,081	585	273,391	1,651,748	128,630	4,022,824	49,096	7,644,581	3,572,661
Tennessee	18	1,526	7	101	1,418	373	213,963	851,715	----------	2,699,843	17,678	4,534,620	1,817,099
Texas	34	3,684	20	230	3,434	768	403,119	1,970,432	112,613	5,041,259	44,983	9,760,903	4,674,661
Utah	4	323	-------	19	304	109	42,581	239,109	----------	669,629	8,151	1,187,052	509,272
Vermont	3	139	-------	23	116	39	62,815	81,987	----------	176,519	1,805	371,609	193,285
Virginia	14	1,652	-------	92	1,560	354	179,546	996,414	----------	3,136,235	27,127	4,854,233	1,690,871
Washington	6	601	4	51	546	173	73,430	448,558	----------	1,323,774	7,042	2,111,872	781,056
West Virginia	5	406	-------	17	389	111	36,945	208,795	----------	658,369	4,706	1,101,658	438,583
Wisconsin	16	962	10	105	847	250	299,301	716,908	750	2,104,421	20,510	4,072,974	1,948,043
Other States [2]	4	502	2	19	481	229	44,085	411,767	----------	1,099,091	8,993	1,766,457	658,373

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

[2] Mississippi, 1 establishment; Oregon, 2; Rhode Island, 1.

TABLE 14.—CLOTHING, MEN'S, BUTTONHOLES—SUMMARY FOR THE UNITED STATES: 1919 TO 1927

[Data for establishments with products under $5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 6]

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	40	412	$428,817	$98,029	$917,932	$819,903	132
1925	30	327	346,855	71,047	658,064	587,017	87
1923	37	334	409,251	103,080	804,427	701,347	105
1921	37	329	347,978	77,406	646,047	568,641	(2)
1919	107	484	514,600	123,266	1,090,049	966,783	176
	PER CENT OF INCREASE OR DECREASE (—)						
1925–1927	(3)	26.0	23.6	38.0	39.5	39.7	(3)
1923–1925	(3)	—2.1	—15.2	—31.1	—18.2	—16.3	—17.1
1923–1927	(3)	23.4	4.8	—4.9	14.1	16.9	25.7
1919–1927	—62.6	—14.9	—16.7	—20.5	—15.8	—15.2	—25.0

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Not called for on schedule.
[3] Per cent not computed where base is less than 100.

TABLE 15.—CLOTHING, MEN'S, BUTTONHOLES—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data reported by individual establishments]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)	
United States	40	494	47	35	412	132
Maryland	5	34	4	5	25	9
New York	17	161	19	15	127	45
Ohio	6	125	7	9	109	55
Pennsylvania	9	164	14	6	144	17
Other States [1]	3	10	3	----------	7	6

STATE	Salaries	Wages	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [2]
			Materials and supplies	Fuel and power		
United States	$71,325	$428,817	$85,197	$12,832	$917,932	$819,903
Maryland	8,437	26,066	7,575	2,823	61,172	50,774
New York	33,407	179,044	39,282	5,760	368,939	323,897
Ohio	20,501	111,613	26,724	2,491	284,773	255,558
Pennsylvania	8,980	102,943	9,626	1,440	184,595	173,529
Other States [1]	----------	9,151	1,990	318	18,453	16,145

[1] California, 1 establishment; Illinois, 1; Massachusetts, 1.
[2] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

TABLE 16.—CLOTHING, WOMEN'S, NOT ELSEWHERE CLASSIFIED—SUMMARY FOR THE UNITED STATES: 1919 TO 1927

[Data for establishments with products under $5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 6]

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
ALL FACTORIES								
1927	7,588	154,459	$211,349,759	$147,901,526	$809,520,125	$1,494,401,044	$684,880,919	30,287
1925	6,127	126,466	175,044,511	128,523,824	724,298,974	1,293,705,291	569,406,317	24,316
1923	7,046	133,195	176,445,518	143,749,253	809,560,802	1,406,683,835	597,123,033	27,704
1921	7,061	144,865	185,082,108	61,526,535	567,810,452	1,022,742,796	454,932,344	(2)
1919	7,711	165,649	195,295,834	52,426,167	680,406,844	1,208,543,128	528,136,284	32,421
Per cent of increase or decrease (−)								
1925–1927	23.8	22.1	20.7	15.1	11.8	15.5	20.3	24.6
1923–1925	−13.0	−5.1	−.8	−10.6	−10.5	−8.0	−4.6	−12.2
1923–1927	7.7	16.0	19.8	2.9	(3)	6.2	14.7	9.3
1919–1927	−1.6	−6.8	8.2	182.1	19.0	23.7	29.7	−6.6
REGULAR FACTORIES								
1927	4,928	116,932	$158,371,562	$146,003,606	$797,310,633	$1,398,930,522	$601,619,889	22,385
1925	4,230	99,525	138,092,124	127,422,778	718,512,427	1,232,579,605	514,067,178	18,784
1923	5,456	112,132	150,789,366	142,587,989	804,328,139	1,361,272,646	556,944,507	22,872
1921	5,471	124,503	160,665,724	60,404,560	564,077,126	978,925,817	414,848,691	(2)
1919	5,516	139,097	162,973,102	50,816,302	669,071,033	1,146,312,346	477,241,313	26,667
Per cent of increase or decrease (−)								
1925–1927	16.5	17.5	14.7	14.6	11.0	13.5	17.0	19.2
1923–1925	−22.5	−11.2	−8.4	−10.6	−10.7	−9.5	−7.7	−17.9
1923–1927	−9.7	4.3	5.0	2.4	−.9	2.8	8.0	−2.1
1919–1927	−10.7	−15.9	−2.8	187.3	10.2	22.0	26.1	−16.1
CONTRACT SHOPS								
1927	2,660	37,527	$52,978,197	$1,897,920	$12,209,492	$95,470,522	$83,261,030	7,902
1925	1,897	26,941	36,952,387	1,101,046	5,786,547	61,125,686	55,339,139	5,532
1923	1,590	21,063	25,656,152	1,161,264	5,232,663	45,411,189	40,178,526	4,832
1921	1,590	20,362	24,416,384	1,121,975	3,733,326	43,816,979	40,083,653	(2)
1919	2,195	26,552	32,322,732	1,609,865	11,335,811	62,230,782	50,894,971	5,754
Per cent of increase or decrease (−)								
1925–1927	40.2	39.3	43.4	72.4	111.0	56.2	50.5	42.8
1923–1925	19.3	27.9	44.0	−5.2	10.6	34.6	37.7	14.5
1923–1927	67.3	78.2	106.5	63.4	133.3	110.2	107.2	63.5
1919–1927	21.2	41.3	63.9	17.9	7.7	53.4	63.6	37.3

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Not called for on schedule.
[3] Less than one-tenth of 1 per cent.

TABLE 17.—CLOTHING, WOMEN'S, NOT ELSEWHERE CLASSIFIED—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
ALL FACTORIES		*Horsepower*		*Horsepower*		*Horsepower*
Prime movers, total	24,909	30,287	19,371	24,316	22,470	27,704
Steam engines	6	296	6	458	15	970
Steam turbines			1	1		
Internal-combustion engines	11	307	17	274	16	346
Water wheels and turbines	5	36	7	20		
Electric motors driven by purchased current	24,887	29,648	19,340	23,563	22,439	26,388
Electric motors, total	24,894	29,669	19,390	23,708	22,509	26,575
Driven by purchased current	24,887	29,648	19,340	23,563	22,439	26,388
Driven by current generated in establishment reporting	7	21	50	145	70	187
		Kilowatts		*Kilowatts*		*Kilowatts*
Electric generators	4	44	2	110	(1)	(1)
REGULAR FACTORIES		*Horsepower*		*Horsepower*		*Horsepower*
Prime movers, total	18,975	22,385	14,949	18,784	18,912	22,872
Steam engines	6	296	5	438	15	970
Steam turbines			1	1		
Internal-combustion engines	8	259	13	226	11	266
Water wheels and turbines	5	36	5	15		
Electric motors driven by purchased current	18,956	21,794	14,925	18,104	18,886	21,636
Electric motors, total	18,963	21,815	14,975	18,249	18,956	21,823
Driven by purchased current	18,956	21,794	14,925	18,104	18,886	21,636
Driven by current generated in establishment reporting	7	21	50	145	70	187
		Kilowatts		*Kilowatts*		*Kilowatts*
Electric generators	4	44	2	110	(1)	(1)
CONTRACT SHOPS		*Horsepower*		*Horsepower*		*Horsepower*
Prime movers, total	5,934	7,902	4,422	5,532	3,558	4,832
Steam engines			1	20	5	80
Internal-combustion engines	3	48	4	48		
Water wheels and turbines			2	5		
Electric motors driven by purchased current	5,931	7,854	4,415	5,459	3,553	4,752
Electric motors, total	5,931	7,854	4,415	5,459	3,553	4,752
Driven by purchased current	5,931	7,854	4,415	5,459	3,553	4,752

[1] Not called for on schedule.

TABLE 18.—CLOTHING, WOMEN'S, NOT ELSEWHERE CLASSIFIED—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, AND RECEIPTS FOR CONTRACT WORK, 1927, AND PRODUCTS, BY CLASS AND VALUE, AND RECEIPTS FOR CONTRACT WORK, 1925 AND 1923, FOR THE UNITED STATES

CLASS	1927			1925		1923	
	Products		Receipts for contract work	Value of products	Receipts for contract work	Value of products	Receipts for contract work
	Quantity	Value					
1. Women's-clothing industry		$1,494,401,044		$1,293,705,291		$1,406,683,835	
2. All factories		$1,397,571,408	$96,829,636	$1,230,069,770	$63,635,521	$1,359,361,840	$47,321,995
3. Regular factories		1,396,526,467	2,404,055	1,229,591,034	2,988,571	1,358,833,871	2,438,775
4. Contract shops		1,044,941	94,425,581	478,736	60,646,950	527,969	44,883,220
5. Women's, misses', and children's clothing		1,387,534,747	96,829,636	1,223,447,759	63,635,521	1,357,741,428	47,321,995
6. Other products (not normally belonging to the industry)		10,036,661		6,622,011		1,620,412	
7. Women's, misses', and children's clothing made as a secondary product in other industries		19,648,138		3,602,110		3,035,752	
Women's clothing, all industries:	*Number*						
Aggregate value (sum of 5 and 7)		1,407,182,885	96,829,636	1,227,049,869	63,635,521	1,360,777,180	47,321,995
Suits, women's and misses'	4,474,461	68,096,014	8,050,674	34,916,591	1,610,913	96,501,600	2,784,781
Dresses, women's, misses', and childrens'	141,192,280	634,494,020	55,464,020	585,157,477	34,555,504	544,441,739	24,118,699
Coats (not including waterproof or fur coats)	26,544,049	438,906,102	26,640,390	400,377,866	19,824,327	376,888,106	9,485,134
Skirts	859,036	3,300,102	508,327	3,523,718	444,626	31,554,499	1,229,989
Blouses and shirtwaists	7,162,341	14,125,924	655,643	13,411,604	751,453	63,683,533	2,086,498
	Dozen pieces						
Underwear (not made in textile mills)	14,808,828	140,886,051	1,758,439	117,512,925	1,342,909	113,612,662	1,394,984
Other women's, misses', and children's clothing		107,374,672	3,752,143	68,547,578	5,105,789	131,059,289	6,221,910
Undistributed products				3,602,110		3,035,752	

TABLE 19.—CLOTHING, WOMEN'S, NOT ELSEWHERE CLASSIFIED—PRODUCTION OF PRINCIPAL CLASSES, BY QUANTITY AND VALUE, BY STATES: 1927

[This table presents statistics for the States for which separate figures can be given without disclosing the output of individual establishments. Some of the "Other States," however, reported larger quantities and values of certain classes of products than some of the States shown separately]

CLASS AND STATE	PRODUCTS		Receipts for contract work
	Quantity	Value	
	Number		
Suits, women's and misses', total	4,474,461	$68,096,014	$8,050,674
California	76,264	1,128,645	(1)
Illinois	87,209	3,320,145	80,126
New York	3,645,888	54,947,345	7,243,348
Ohio	168,533	2,032,270	(1)
Pennsylvania	236,857	3,494,468	94,219
Other States	259,710	3,173,141	632,981
Dresses:			
Women's and misses', total	109,080,470	587,248,857	52,684,394
House dresses and bungalow aprons, total	61,084,384	77,327,404	8,030,564
California	2,315,984	2,687,884	28,690
Illinois	6,381,323	7,326,790	61,705
Massachusetts	1,644,161	2,012,366	71,198
Michigan	705,389	1,821,497	----------
Missouri	4,676,024	7,736,466	201,782
New York	24,681,938	31,741,552	6,827,537
Ohio	3,955,374	3,958,427	(1)
Pennsylvania	4,460,367	7,206,005	140,925
Wisconsin	1,447,952	1,665,465	----------
Other States	10,815,872	11,170,952	698,727
Other women's and misses' dresses, total	47,996,086	509,921,453	44,653,830
California	761,554	7,160,190	26,552
Illinois	1,899,491	26,121,313	257,661
Indiana	159,261	1,366,933	----------
Massachusetts	1,175,137	13,041,777	914,808
Michigan	88,576	1,276,907	(1)
Minnesota	122,592	1,384,916	----------
Missouri	880,636	9,029,002	----------
New York	39,547,636	419,420,630	40,107,448
Ohio	870,869	11,347,696	93,177
Pennsylvania	1,651,927	14,168,441	656,211
Other States	838,407	5,603,648	2,597,883
Children's dresses, total	32,111,810	47,245,163	2,779,626
California	372,099	896,874	----------
Illinois	514,075	1,026,775	(1)
Maryland	700,532	1,156,636	(1)
Massachusetts	774,962	1,097,900	(1)
New Jersey	1,522,167	1,646,965	110,037
New York	20,543,316	31,764,605	1,949,587
Pennsylvania	7,063,887	8,126,845	368,163
Other States	620,772	1,528,563	351,839
Coats (not including waterproof or fur coats):			
Women's and misses', total	19,471,260	395,085,569	24,584,905
California	270,953	6,243,876	----------
Illinois	439,115	11,586,690	239,187
Maryland	626,805	5,409,927	152,537
Massachusetts	158,782	3,943,483	190,348
Missouri	313,733	5,433,206	----------
New Jersey	411,221	1,781,803	876,951
New York	16,014,195	330,936,182	22,244,926
Ohio	578,151	17,084,728	392,313
Oregon	132,619	1,805,757	----------
Pennsylvania	457,518	9,259,641	331,085
Other States	68,168	1,600,276	157,558
Children's, total	7,072,789	43,820,533	2,055,485
Maryland	308,591	1,631,278	----------
New York	6,091,435	37,714,786	1,895,100
Pennsylvania	220,955	1,233,119	33,028
Other States	451,808	3,241,350	127,357

See footnotes at end of table.

TABLE 19.—CLOTHING, WOMEN'S, NOT ELSEWHERE CLASSIFIED—PRODUCTION OF PRINCIPAL CLASSES, BY QUANTITY AND VALUE, BY STATES: 1927—Con.

[See note at head of this table]

CLASS AND STATE	PRODUCTS		Receipts for contract work
	Quantity	Value	
	Number		
Skirts, total	859,036	$3,300,102	$508,327
California	147,469	540,523	(1)
Massachusetts	220,796	1,282,332	(1)
New York	460,604	1,396,994	408,089
Other States	30,167	80,253	100,238
Blouses and shirtwaists, total	7,162,341	14,125,924	655,643
California	203,152	355,636	----------
Maryland	136,105	189,405	----------
New York	4,805,354	11,111,945	364,701
Pennsylvania	1,892,345	2,242,230	89,117
Other States	125,385	226,708	201,825
	Dozen pieces		
Underwear (not made in textile mills), total	14,808,828	140,886,051	1,758,439
Women's, misses', and children's: Knitted fabric (cut and sewed), total	8,611,151	95,811,467	1,362,664
Silk, total	1,839,833	40,446,435	591,575
California	54,255	1,471,574	----------
Illinois	84,554	1,271,533	(1)
New York	1,569,240	34,352,058	220,880
Pennsylvania	68,019	1,597,971	----------
Other States	63,765	1,753,299	370,695
Rayon, total	3,971,619	36,577,543	285,817
Illinois	590,794	4,718,532	(1)
Massachusetts	227,157	3,418,323	----------
New York	2,343,973	21,400,436	206,271
Pennsylvania	162,371	1,523,974	----------
Other States	647,324	5,516,278	79,546
Silk and rayon (mixed), total	770,484	8,224,520	285,565
Illinois	52,792	568,231	(1)
New York	694,544	7,383,912	175,739
Other States	23,148	272,377	109,826
Other, total	2,029,215	10,562,969	199,707
Illinois	154,429	780,172	(1)
Massachusetts	50,830	279,253	(1)
New York	1,650,834	8,174,415	89,395
Pennsylvania	51,542	385,211	----------
Other States	121,580	942,918	110,312
Woven fabric (cut and sewed), total	4,400,371	39,994,117	359,080
Silk, total	866,473	19,011,891	139,909
California	96,470	848,519	----------
Illinois	29,140	957,634	(1)
New York	573,907	13,760,960	115,086
Other States	166,956	3,444,778	24,823
Silk and rayon (mixed), total	264,611	3,160,245	58,724
New York	185,287	1,878,521	(1)
Other States	79,324	1,281,724	58,724
Other, total	3,269,287	17,821,981	160,447
New Jersey	278,451	1,688,519	(1)
New York	1,869,659	9,981,098	(1)
Pennsylvania	270,983	2,003,525	(1)
Other States	850,194	4,148,839	160,447
Infants' underwear, total	1,797,306	5,080,467	36,695
New Jersey	545,989	883,948	----------
New York	1,192,897	3,828,385	(1)
Other States	58,420	368,134	36,695

See footnotes at end of table.

TABLE 19.—CLOTHING, WOMEN'S, NOT ELSEWHERE CLASSIFIED—PRODUCTION OF PRINCIPAL CLASSES, BY QUANTITY AND VALUE, BY STATES: 1927—Con.

[See note at head of this table, p. 378]

CLASS AND STATE	PRODUCTS		Receipts for contract work
	Quantity	Value	
Waterproof outergarments (made from purchased fabric), total	*Number* 4,383,160	$13,812,642	$425,906
Women's and misses', total	3,110,718	11,033,176	358,781
Rubberized, total	2,588,504	9,467,109	358,781
Illinois	123,700	421,608	----------
Massachusetts	1,022,467	3,351,848	(1)
New York	1,143,189	4,498,818	260,431
Other States	299,148	1,194,835	98,350
Oiled, total	210,041	697,263	----------
Other proofing, total	312,173	868,804	----------
Children's, total	1,272,442	2,779,466	67,125
Rubberized, total	575,306	1,505,429	67,125
Massachusetts	155,344	304,790	(1)
New York	298,666	832,059	(1)
Other States	121,296	368,580	67,125
Oiled, total	556,823	1,006,581	----------
Other proofing, total	140,313	267,456	----------
Kimonos and bathrobes, total	6,492,490	21,415,467	285,546
California	107,633	558,072	----------
Illinois	124,034	560,254	----------
Massachusetts	89,124	248,087	----------
New York	5,818,452	19,109,765	238,558
Pennsylvania	191,736	605,572	----------
Other States	161,511	333,717	46,988
Aprons (except bungalow aprons), total	*Dozens* 924,663	3,840,567	27,296
Illinois	145,614	786,729	(1)
Massachusetts	138,480	549,847	----------
New York	344,051	1,090,786	----------
Pennsylvania	128,333	472,504	25,995
Other States	168,185	940,701	1,301
Sleeping garments, total	*Number* 17,836,138	15,435,895	285,765
Nightgowns, total	14,216,668	11,122,611	265,061
Illinois	474,349	375,621	----------
Massachusetts	681,048	478,615	----------
Michigan	(2)	(2)	----------
New York	6,354,026	5,888,370	163,391
Ohio	1,183,260	724,120	----------
Pennsylvania	1,112,024	798,556	13,731
Other States	4,411,961	2,857,329	87,939
Pajamas, total	3,619,470	4,313,284	20,704
California	289,204	314,868	(1)
Illinois	177,066	314,454	----------
New York	2,013,588	2,266,849	(1)
Other States	1,139,612	1,417,113	20,704
Sport clothing:			
Knickers, total	992,553	1,475,223	255,644
New York	633,877	906,022	177,493
Other States	358,676	569,201	78,151
Riding habits, total	103,418	1,169,356	6,080
New York	60,859	912,795	(1)
Other States	42,559	256,561	6,080

See footnotes at end of table.

TABLE 19.—CLOTHING, WOMEN'S, NOT ELSEWHERE CLASSIFIED—PRODUCTION OF PRINCIPAL CLASSES, BY QUANTITY AND VALUE, BY STATES: 1927—Con.

[See note at head of this table, p. 378]

CLASS AND STATE	PRODUCTS		Receipts for contract work
	Quantity	Value	
Sport clothing—Continued.	*Number*		
Other, total	198,844	$1,442,640	$17,866
New York	114,210	980,255	(1)
Other States	84,634	462,385	17,866
Uniforms:			
Nurses', total	2,186,014	4,548,984	240,946
New York	703,518	1,920,517	92,294
Other States	1,482,496	2,628,467	148,652
Maids', total	980,988	1,790,990	93,483
New York	320,152	947,205	(1)
Other States	660,836	843,785	93,483
Other, total	987,496	1,686,288	34,887
Children's suits:			
Rompers, total	5,933,749	3,266,218	358,172
Massachusetts	612,960	440,069	----------
New York	2,505,828	1,664,850	(1)
Pennsylvania	1,943,556	612,586	84,967
Other States	871,405	548,713	273,205
Wash suits, total	11,266,100	13,474,856	1,050,903
Maryland	2,207,267	2,320,793	110,510
New York	6,540,152	7,812,340	582,469
Pennsylvania	651,979	1,045,783	112,526
Other States	1,866,702	2,295,940	245,398
Infants' outerwear, total	8,163,965	7,921,265	280,204
Illinois	1,215,072	248,044	(1)
New York	6,039,470	6,859,711	(1)
Other States	909,423	813,510	280,204

[1] Included in figure for "Other States" to avoid disclosing the output of individual establishments.
[2] The statistics for Michigan, which ranks second in the production of the specified commodity, can not be given separately without disclosing the production of individual establishments.

TABLE 20.—CLOTHING, WOMEN'S, NOT ELSEWHERE CLASSIFIED—SUMMARY FOR ALL FACTORIES (REGULAR FACTORIES AND CONTRACT SHOPS), FOR LEADING STATES: 1927, 1925, AND 1923

STATE	NUMBER OF ESTABLISHMENTS			WAGE EARNERS (AVERAGE FOR THE YEAR)			WAGES			COST OF MATERIALS, SUPPLIES, FUEL, AND POWER			VALUE OF PRODUCTS		
	1927	1925	1923	1927	1925	1923	1927	1925	1923	1927	1925	1923	1927	1925	1923
United States	7,588	6,127	7,046	154,459	126,466	133,195	$211,349,759	$175,044,511	$176,445,518	$809,520,125	$724,298,974	$809,560,802	$1,494,401,044	$1,293,705,291	$1,406,683,835
Per ct. of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Leading States	7,316	5,882	6,794	143,573	117,804	125,597	202,923,404	168,903,798	170,878,125	786,411,740	707,268,454	792,031,753	1,449,959,024	1,261,701,148	1,376,021,532
Per ct. of total	96.4	96.0	96.4	93.0	93.2	94.3	96.0	96.5	96.8	97.1	97.6	97.8	97.0	97.5	97.8
Other States [1]	272	245	252	10,886	8,662	7,598	8,426,355	6,140,713	5,567,393	23,108,385	17,030,520	17,529,049	44,442,020	32,004,143	30,662,303
Per ct. of total	3.6	4.0	3.6	7.0	6.8	5.7	4.0	3.5	3.2	2.9	2.4	2.2	3.0	2.5	2.2
Leading States															
New York	5,494	4,365	5,012	90,004	77,359	81,437	146,096,825	126,061,218	126,204,386	630,786,242	575,593,798	649,952,378	1,163,589,568	1,025,648,160	1,123,349,691
Per ct. of total	72.4	71.3	71.2	58.3	61.2	61.1	69.1	72.0	71.5	77.9	79.5	80.3	77.9	79.2	79.9
Illinois	406	321	397	11,079	7,477	8,065	12,300,502	9,536,124	9,813,173	35,836,797	31,727,498	35,136,324	63,538,705	55,298,759	59,255,486
Per ct. of total	5.4	5.2	5.6	7.2	5.9	6.1	5.8	5.4	5.6	4.4	4.4	4.3	4.3	4.3	4.2
Pennsylvania	395	333	454	11,730	10,003	11,093	11,219,404	9,193,153	9,941,057	33,114,421	29,358,375	33,309,602	60,359,462	52,411,298	60,523,937
Per ct. of total	5.2	5.4	6.4	7.6	7.9	8.3	5.3	5.3	5.6	4.1	4.1	4.1	4.0	4.1	4.3
Ohio	138	123	112	5,402	4,336	5,029	6,707,124	5,527,523	5,974,695	21,709,923	18,571,566	22,214,389	39,400,848	33,869,568	38,974,539
Per ct. of total	1.8	2.0	1.6	3.5	3.4	3.8	3.2	3.2	3.4	2.7	2.6	2.8	2.6	2.6	2.8
Massachusetts	277	233	279	6,022	4,435	5,185	7,206,370	5,075,577	5,749,554	19,070,783	15,533,592	16,902,394	35,649,142	27,297,383	29,718,109
Per ct. of total	3.7	3.8	4.0	3.9	3.5	3.9	3.4	2.9	3.3	2.4	2.1	2.1	2.4	2.1	2.1
Missouri	107	82	86	4,901	3,145	2,916	5,137,549	3,210,944	2,833,901	15,398,734	11,143,599	9,226,399	26,637,797	18,942,376	15,914,344
Per ct. of total	1.4	1.3	1.2	3.2	2.5	2.2	2.4	1.8	1.6	1.9	1.5	1.1	1.8	1.5	1.1
California	214	181	156	4,643	2,974	3,075	5,321,489	3,462,538	3,051,550	14,113,938	10,440,753	9,162,658	26,111,950	18,861,795	16,898,824
Per ct. of total	2.8	3.0	2.2	3.0	2.4	2.3	2.5	2.0	1.7	1.7	1.4	1.1	1.7	1.5	1.2
New Jersey	199	176	213	6,608	5,319	5,622	6,048,072	4,721,085	4,792,060	7,817,772	7,500,285	8,523,944	18,649,387	15,952,745	17,225,212
Per ct. of total	2.6	2.9	3.0	4.3	4.2	4.2	2.9	2.7	2.7	0.9	1.0	1.1	1.2	1.2	1.2
Maryland	86	68	85	3,184	2,756	3,175	2,886,069	2,115,636	2,517,749	8,563,130	7,398,988	7,603,665	16,022,165	13,419,064	14,161,390
Per ct. of total	1.1	1.1	1.2	2.1	2.2	2.4	1.4	1.2	1.4	1.1	1.0	0.9	1.1	1.0	1.0

[1] Arkansas, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Michigan, Minnesota, Mississippi, Nebraska, New Hampshire, North Carolina, Oregon, Rhode Island, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin.

TABLE 21.—CLOTHING, WOMEN'S, NOT ELSEWHERE CLASSIFIED—SUMMARY FOR ALL FACTORIES (REGULAR FACTORIES AND CONTRACT SHOPS), FOR PRINCIPAL CITIES: 1927, 1925, AND 1923

CITY	NUMBER OF ESTABLISHMENTS			WAGE EARNERS (AVERAGE FOR THE YEAR)			WAGES			COST OF MATERIALS, SUPPLIES, FUEL, AND POWER			VALUE OF PRODUCTS		
	1927	1925	1923	1927	1925	1923	1927	1925	1923	1927	1925	1923	1927	1925	1923
United States	7,588	6,127	7,046	154,459	126,466	133,195	$211,349,759	$175,044,511	$176,445,518	$809,520,125	$724,298,974	$809,560,802	$1,494,401,044	$1,293,705,291	$1,406,683,835
Per ct. of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Principal cities	6,670	5,281	6,129	118,976	97,620	104,669	181,829,068	152,361,576	153,384,834	741,440,895	669,037,848	753,047,606	1,360,297,452	1,186,174,480	1,300,294,256
Per ct. of total	87.9	86.2	87.0	77.0	77.2	78.6	86.0	87.0	86.9	91.6	92.4	93.0	91.0	91.7	92.4
Remainder of United States	918	846	917	35,483	28,846	28,526	29,520,691	22,682,935	23,060,684	68,079,230	55,261,126	56,513,196	134,103,592	107,530,811	106,389,579
Per ct. of total	12.1	13.8	13.0	23.0	22.8	21.4	14.0	13.0	13.1	8.4	7.6	7.0	9.0	8.3	7.6
Principal cities															
New York	5,352	4,237	4,878	84,377	72,438	76,398	141,395,367	122,249,472	121,499,928	622,302,301	567,461,245	644,065,828	1,145,612,504	1,008,966,387	1,110,121,677
Per ct. of total	70.5	69.2	69.2	54.6	57.3	57.4	66.9	69.8	68.8	76.9	78.4	79.6	76.7	78.0	78.9
Chicago	384	298	372	9,709	6,531	7,004	11,362,129	8,784,206	9,043,581	33,394,337	29,714,979	32,504,940	58,876,015	51,369,733	54,583,589
Per ct. of total	5.1	4.9	5.3	6.3	5.2	5.3	5.4	5.0	5.1	4.1	4.1	4.0	3.9	4.0	3.9
Philadelphia	325	260	382	7,244	5,894	7,600	7,951,048	6,565,033	7,856,691	24,538,905	22,975,474	27,527,612	44,131,363	40,531,751	49,237,439
Per ct. of total	4.3	4.2	5.4	4.7	4.7	5.7	3.8	3.7	4.5	3.0	3.2	3.4	3.0	3.1	3.5
Cleveland	85	69	59	3,404	2,654	3,057	4,849,055	3,856,442	4,216,957	15,059,326	13,331,421	15,552,438	28,323,276	23,862,628	27,442,282
Per ct. of total	1.1	1.1	0.9	2.2	2.1	2.3	2.3	2.2	2.4	1.9	1.8	1.9	1.9	1.8	1.9
Boston	198	160	192	4,217	2,941	3,183	5,598,922	3,772,034	3,984,980	14,870,830	11,571,472	12,072,308	28,040,437	20,119,500	21,054,619
Per ct. of total	2.6	2.6	2.7	2.7	2.3	2.4	2.6	2.2	2.3	1.8	1.6	1.5	1.9	1.6	1.5
St. Louis	87	66	72	3,729	2,457	2,324	4,134,587	2,667,778	2,323,128	12,378,393	9,120,385	7,603,473	20,975,116	15,019,917	12,971,234
Per ct. of total	1.1	1.1	1.0	2.4	1.9	1.7	2.0	1.5	1.3	1.5	1.3	0.9	1.4	1.2	0.9
Los Angeles [1]	157	128	95	3,310	2,116	2,122	3,758,772	2,444,865	2,027,607	10,466,716	7,468,734	6,294,511	18,609,358	13,002,297	11,007,117
Per ct. of total	2.1	2.1	1.4	2.1	1.7	1.6	1.8	1.4	1.1	1.3	1.0	0.8	1.2	1.0	0.8
Baltimore	82	63	79	2,986	2,589	2,981	2,779,188	2,021,746	2,431,962	8,430,087	7,394,138	7,426,496	15,729,383	13,302,267	13,876,299
Per ct. of total	1.1	1.0	1.1	1.9	2.0	2.2	1.3	1.2	1.4	1.0	1.0	0.9	1.1	1.0	1.0

[1] Statistics for different years not strictly comparable, because of annexation of territory between censuses.

TABLE 22.—CLOTHING, WOMEN'S, NOT ELSEWHERE CLASSIFIED—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data reported by individual establishments. Certain of the "Other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower	Salaries	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [1]
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)					Materials and supplies	Fuel and power		
ALL FACTORIES													
United States	7,588	187,464	8,386	24,619	154,459	30,287	$62,269,316	$211,349,759	$147,901,526	$805,330,816	$4,189,309	$1,494,401,044	$684,880,919
California	214	5,549	245	661	4,643	1,057	1,212,183	5,321,489	440,101	14,048,379	65,559	26,111,950	11,998,012
Colorado	5	191	2	24	165	36	42,401	100,638	----------	326,450	3,419	621,080	291,211
Connecticut	48	2,703	36	263	2,404	778	544,676	2,222,707	18,299	3,689,577	46,997	8,191,746	4,455,172
Florida	3	31	1	5	25	8	9,002	20,402	----------	34,795	1,008	73,976	38,173
Georgia	6	296	7	29	260	38	65,163	178,157	----------	714,028	6,080	1,130,165	410,057
Illinois	406	12,724	459	1,186	11,079	1,798	2,923,399	12,300,502	530,802	35,633,210	203,587	63,538,705	27,701,908
Indiana	14	1,069	6	184	879	148	313,016	603,005	31,715	1,586,724	15,308	3,531,204	1,929,172
Iowa	6	173	2	39	132	56	72,251	105,608	147,143	1,045,186	3,554	1,957,907	909,167
Kentucky	4	115	3	48	64	9	79,906	55,432	13,585	145,458	716	553,956	407,782
Louisiana	6	224	14	29	181	22	31,183	87,650	22,016	287,967	1,066	523,050	234,017
Maryland	86	3,681	101	396	3,184	652	731,647	2,886,069	645,464	8,507,679	55,451	16,022,165	7,459,035
Massachusetts	277	6,988	312	654	6,022	1,337	1,447,549	7,206,370	1,551,518	18,962,375	108,408	35,649,142	16,578,359
Michigan	25	1,105	17	82	1,006	233	212,871	862,176	----------	2,714,681	18,411	4,738,888	2,005,796
Minnesota	26	971	19	93	859	172	171,861	599,993	800	2,028,467	20,092	3,694,276	1,645,717
Missouri	107	5,465	69	495	4,901	778	1,456,144	5,137,549	168,023	15,318,581	80,153	26,637,797	11,239,063
Nebraska	3	53	2	13	38	12	17,135	31,710	----------	61,465	1,347	141,884	79,072
New Hampshire	4	127	1	8	118	26	14,177	85,187	----------	223,008	3,458	395,958	169,492
New Jersey	199	7,244	176	460	6,608	1,115	969,591	6,048,072	411,104	7,654,559	163,213	18,649,387	10,831,615
New York	5,494	113,620	6,204	17,412	90,004	17,102	45,729,942	146,096,825	140,620,426	628,040,875	2,745,367	1,163,589,568	532,803,326
Ohio	138	6,394	103	889	5,402	1,442	2,746,731	6,707,124	1,360,575	21,390,310	319,613	39,400,848	17,690,925
Oregon	10	459	2	50	407	66	109,383	392,823	----------	1,451,736	7,865	2,180,142	720,541
Pennsylvania	395	13,376	537	1,109	11,730	2,484	2,315,453	11,219,404	1,790,278	32,883,037	231,384	60,359,462	27,245,041
Rhode Island	4	54	3	4	47	18	2,846	29,540	----------	68,614	1,715	144,365	74,036
Tennessee	7	471	8	32	431	82	104,906	251,551	----------	759,614	8,357	1,547,071	779,100
Texas	26	1,032	19	90	923	152	128,332	489,527	85,329	1,296,882	11,655	2,627,293	1,318,756

Virginia	4	267	3	19	245	34	23,455	150,822	----------	277,697	2,320	544,166	264,149
Washington	27	860	15	100	745	179	256,442	664,341	1,309	1,780,021	7,547	3,283,663	1,496,095
Wisconsin	24	1,096	10	136	950	197	292,343	759,887	15,271	2,809,180	23,127	5,145,913	2,313,606
Other States [2]	20	1,126	10	109	1,007	256	245,328	735,199	47,768	1,590,261	32,532	3,415,317	1,792,524
REGULAR FACTORIES													
United States	4,928	144,455	5,120	22,403	116,932	22,385	57,663,868	158,371,562	146,003,606	794,130,460	3,180,173	1,398,930,522	601,619,889
California	207	5,468	234	661	4,573	1,036	1,212,183	5,264,776	438,898	14,044,977	63,558	26,006,035	11,897,500
Colorado	5	191	2	24	165	36	42,401	100,638	----------	326,450	3,419	621,080	291,211
Connecticut	23	1,638	12	225	1,401	629	468,364	1,368,024	4,613	3,672,342	30,349	6,945,884	3,243,193
Florida	3	31	1	5	25	8	9,002	20,402	----------	34,795	1,008	73,976	38,173
Georgia	6	296	7	29	260	38	65,163	178,157	----------	714,028	6,080	1,130,165	410,057
Illinois	368	12,159	411	1,169	10,579	1,673	2,902,705	11,845,604	529,827	35,544,213	193,598	62,760,707	27,022,896
Indiana	14	1,069	6	184	879	148	313,016	603,005	31,715	1,586,724	15,308	3,531,204	1,929,172
Iowa	6	173	2	39	132	56	72,251	105,608	147,143	1,045,186	3,554	1,957,907	909,167
Kentucky	4	115	3	48	64	9	79,906	55,432	13,585	145,458	716	553,956	407,782
Louisiana	6	224	14	29	181	22	31,183	87,650	22,016	287,967	1,066	523,050	234,017
Maryland	73	3,334	92	375	2,867	586	698,069	2,637,735	645,464	8,484,723	48,351	15,663,603	7,130,529
Massachusetts	214	6,214	216	619	5,379	1,096	1,413,127	6,334,152	1,546,150	18,854,125	91,992	34,251,632	15,305,515
Minnesota	26	971	19	93	859	172	171,861	599,993	800	2,028,467	20,092	3,694,276	1,645,717
Nebraska	3	53	2	13	38	12	17,135	31,710	----------	61,465	1,347	141,884	79,072
New Hampshire	4	127	1	8	118	26	14,177	85,187	----------	223,008	3,458	395,958	169,492
New Jersey	68	3,065	52	302	2,711	448	652,336	2,344,128	290,750	7,361,388	72,435	13,245,957	5,812,134
New York	3,235	80,227	3,402	15,580	61,245	10,982	41,768,224	101,113,533	138,899,829	617,634,677	1,924,998	1,080,264,399	460,704,724
Ohio	111	6,050	64	879	5,107	1,392	2,731,812	6,310,019	1,360,075	21,367,053	312,662	38,828,764	17,149,049
Oregon	10	459	2	50	407	66	109,383	392,823	----------	1,451,736	7,865	2,180,142	720,541
Pennsylvania	307	11,532	430	1,031	10,071	2,072	2,203,911	10,032,188	1,755,106	32,771,039	198,318	58,532,866	25,563,509
Tennessee	7	471	8	32	431	82	104,906	251,551	----------	759,614	8,357	1,547,071	779,100
Virginia	4	267	3	19	245	34	23,455	150,822	----------	277,697	2,320	544,166	264,149
Washington	27	860	15	100	745	179	256,442	664,341	1,309	1,780,021	7,547	3,283,663	1,496,095
Wisconsin	24	1,096	10	136	950	197	292,343	759,887	15,271	2,809,180	23,127	5,145,913	2,313,606
Other States [3]	173	8,365	112	753	7,500	1,386	2,010,513	7,034,197	301,055	20,864,127	138,648	37,106,264	16,103,489

See footnotes at end of table.

TABLE 22.—CLOTHING, WOMEN'S, NOT ELSEWHERE CLASSIFIED—GENERAL STATISTICS, BY STATES: 1927—Continued

[See note at head of this table, p. 384.]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower	Salaries	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [1]
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)					Materials and supplies	Fuel and power		
CONTRACT SHOPS													
United States	2,660	43,009	3,266	2,216	37,527	7,902	$4,605,448	$52,978,197	$1,897,920	$11,200,356	$1,009,136	$95,470,522	$83,261,030
California	7	81	11	----------	70	21	----------	56,713	1,203	3,402	2,001	105,915	100,512
Connecticut	25	1,065	24	38	1,003	149	76,312	854,683	13,686	17,235	16,648	1,245,862	1,211,979
Illinois	38	565	48	17	500	125	20,694	454,898	975	88,997	9,989	777,998	679,012
Maryland	13	347	9	21	317	66	33,578	248,334	----------	22,956	7,100	358,562	328,506
Massachusetts	63	774	96	35	643	241	34,422	872,218	5,368	108,250	16,416	1,397,510	1,272,844
New Jersey	131	4,179	124	158	3,897	667	317,255	3,703,944	120,354	293,171	90,778	5,403,430	5,019,481
New York	2,259	33,393	2,802	1,832	28,759	6,120	3,961,718	44,983,292	1,720,597	10,406,198	820,369	83,325,169	72,098,602
Ohio	27	344	39	10	295	50	14,919	397,105	500	23,257	6,951	572,084	541,876
Pennsylvania	88	1,844	107	78	1,659	412	111,542	1,187,216	35,172	111,998	33,066	1,826,596	1,681,532
Other States [4]	9	417	6	27	384	51	35,008	219,794	65	124,892	5,818	457,396	326,686

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Arkansas, 1 establishment; Delaware, 1; District of Columbia, 2; Kansas, 2; Maine, 2; Mississippi, 1; North Carolina, 1; Utah, 1; Vermont, 4; West Virginia, 5.
[3] Arkansas, 1 establishment; Delaware, 1; District of Columbia, 2; Kansas, 2; Maine, 2; Michigan, 23; Mississippi, 1; Missouri, 104; North Carolina, 1; Rhode Island, 3; Texas, 24; Utah, 1; Vermont, 3; West Virginia, 5.
[4] Michigan, 2 establishments; Missouri, 3; Rhode Island, 1; Texas, 2; Vermont. 1.

TABLE 23.—SHIRTS—SUMMARY FOR THE UNITED STATES: 1919 TO 1927

[Data for establishments with products under $5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 6]

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	907	57,216	$42,997,827	$16,062,341	$129,743,737	$241,649,939	$111,906,202	14,916
1925	840	49,864	35,673,731	16,019,163	129,753,752	225,962,922	96,209,170	13,884
1923	934	51,672	37,943,405	17,364,478	139,354,361	241,331,226	101,976,865	14,050
1921	860	45,427	33,182,332	13,982,968	123,259,180	203,944,376	80,685,196	(2)
1919	896	39,603	25,833,855	10,991,206	127,087,745	205,327,133	78,239,388	14,890
	PER CENT OF INCREASE OR DECREASE (—)							
1925–1927	8.0	14.7	20.5	0.3	(3)	6.9	16.3	7.4
1923–1925	−10.1	−3.5	−6.0	−7.7	−6.9	−6.4	−5.7	−1.2
1923–1927	−2.9	10.7	13.3	−7.5	−6.9	.1	9.7	6.2
1919–1927	1.2	44.5	66.4	46.1	2.1	17.7	43.0	.2

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Not called for on schedule.
[3] Less than one-tenth of 1 per cent.

TABLE 24.—SHIRTS—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
		Horsepower		*Horsepower*		*Horsepower*
Prime movers, total	5,428	14,916	4,128	13,884	3,393	14,050
Steam engines	36	3,409	41	3,640	59	4,237
Internal-combustion engines	9	76	27	515	32	826
Water wheels and turbines	2	225	3	229	3	80
Electric motors driven by purchased current	5,381	11,206	4,057	9,500	3,299	8,907
Electric motors, total	5,867	12,848	4,409	10,577	3,720	10,486
Driven by purchased current	5,381	11,206	4,057	9,500	3,299	8,907
Driven by current generated in establishment reporting	486	1,642	352	1,077	421	1,579
		Kilowatts		*Kilowatts*		*Kilowatts*
Electric generators	27	2,021	23	1,744	(1)	(1)

[1] Not called for on schedule.

TABLE 25.—SHIRTS—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, BY STATES: 1927

CLASS AND STATE	Quantity	Value
1. Shirt industry, all products, total value		$241, 649, 939
2. Shirts, cuff-bands, collar-bands, etc.		214, 740, 943
3. Other products (not normally belonging to the industry)		12, 332, 435
4. Receipts for contract work		14, 576, 561
5. Shirts made as secondary products in other industries, value		17, 536, 818
Shirts, cuff-bands, collar-bands, etc., all industries: Aggregate value (sum of 2 and 5)	*Dozens*	232, 277, 761
Shirts, total value		230, 385, 279
Men's shirts (except work and flannel), total	10, 879, 986	156, 140, 821
Neckband style, total	3, 814, 838	59, 833, 014
California	19, 744	533, 345
Connecticut	124, 911	2, 530, 278
Illinois	31, 592	923, 791
Indiana	47, 543	970, 503
Maryland	159, 810	2, 658, 574
Massachusetts	53, 263	823, 434
Michigan	49, 076	814, 172
Missouri	122, 906	1, 475, 521
New Jersey	334, 338	7, 074, 449
New York	1, 621, 127	26, 124, 295
Ohio	142, 891	1, 865, 877
Pennsylvania	1, 007, 180	12, 340, 568
Other States	100, 457	1, 698, 207
Collar-attached style, total	7, 065, 148	96, 307, 807
California	120, 622	2, 260, 164
Connecticut	97, 348	1, 549, 319
Illinois	132, 995	1, 734, 907
Indiana	260, 903	3, 323, 631
Maryland	247, 252	3, 146, 165
Massachusetts	181, 626	2, 827, 592
Missouri	347, 216	4, 158, 400
New Jersey	523, 847	8, 949, 012
New York	3, 127, 839	41, 613, 426
Ohio	289, 588	3, 000, 856
Pennsylvania	1, 437, 252	19, 005, 789
Other States	298, 660	4, 738, 546
Men's work shirts, total	5, 862, 322	40, 399, 757
Indiana	876, 347	5, 920, 193
Maryland	721, 466	3, 563, 047
New York	554, 497	3, 336, 992
Pennsylvania	532, 692	4, 338, 647
Tennessee	592, 167	4, 094, 963
Other States	2, 585, 153	19, 145, 915
Men's flannel shirts, total	907, 474	15, 452, 208
New York	360, 210	5, 998, 006
Pennsylvania	158, 864	2, 248, 516
Other States	388, 400	7, 205, 686
Boys' shirts (except flannel), total	742, 609	6, 608, 280
Missouri	145, 703	1, 132, 985
New York	277, 239	2, 246, 385
Pennsylvania	129, 460	1, 305, 587
Other States	190, 207	1, 923, 323
Boys' flannel shirts	63, 956	543, 687
Boys' blouses, total	1, 575, 540	10, 961, 474
New York	979, 959	6, 255, 113
Pennsylvania	175, 144	1, 649, 069
Other States	420, 437	3, 057, 292
Juniors' shirts (ages 6 to 12)	45, 753	279, 052
Cuff-bands, collar-bands, etc.		1, 892, 482

TABLE 26.—SHIRTS—GENERAL STATISTICS, BY STATES: 1927

[This table represents statistics for all States for which separate figures can be given without disclosing data reported by individual establishments. Certain of the "Other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower	Salaries	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [1]
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)					Materials and supplies	Fuel and power		
United States	907	62,350	611	4,523	57,216	14,916	$9,695,000	$42,997,827	$16,062,341	$128,639,967	$1,103,770	$241,649,939	$111,906,202
California	23	1,220	16	112	1,092	439	242,568	1,056,686	5,000	2,214,074	16,879	4,198,501	1,967,548
Connecticut	19	1,957	7	127	1,823	614	250,624	1,392,598	150,008	2,971,085	36,589	5,727,994	2,720,320
Delaware	8	362	4	15	343	67	16,689	168,210	----------	126,143	7,702	360,167	226,322
Georgia	6	213	6	18	189	72	16,735	124,135	----------	318,776	3,420	582,961	260,765
Illinois	34	1,168	22	93	1,053	287	203,148	842,327	329,955	2,018,242	21,497	4,098,304	2,058,565
Indiana	16	3,041	6	76	2,959	635	136,560	1,977,422	117,806	5,898,052	67,712	10,523,545	4,557,781
Iowa	5	119	----------	23	96	101	40,142	60,462	84,146	567,948	2,792	926,390	355,650
Kansas	4	112	1	17	94	14	34,156	92,400	----------	139,375	1,475	364,275	223,425
Kentucky	5	480	3	41	436	65	98,108	240,823	237,061	1,775,341	6,673	2,967,174	1,185,160
Maine	8	670	4	64	602	125	102,239	398,228	----------	845,170	8,296	1,647,286	793,820
Maryland	49	2,558	41	143	2,374	614	254,855	1,480,527	347,830	4,661,104	41,770	8,622,936	3,920,062
Massachusetts	10	1,121	1	61	1,059	456	97,029	802,471	----------	2,053,863	24,276	3,937,396	1,859,257
Michigan	11	456	8	41	407	54	88,767	238,309	----------	661,883	7,171	1,221,473	552,419
Minnesota	5	68	4	13	51	12	31,406	48,011	----------	80,687	624	235,376	154,065
Missouri	24	3,774	4	220	3,550	1,190	419,440	2,490,068	----------	6,061,617	62,777	10,471,444	4,347,050
Nebraska	6	264	4	14	246	6	26,225	166,955	----------	951,343	1,115	1,274,622	322,164
New Jersey	52	5,224	36	373	4,815	860	1,158,919	4,152,070	1,274,909	9,459,065	73,363	21,251,380	11,718,952
New York	315	15,312	279	1,533	13,500	4,318	3,521,273	12,718,809	11,268,277	48,998,403	268,280	91,887,722	42,621,034
North Carolina	6	329	----------	20	309	62	42,635	136,159	----------	406,652	3,592	670,577	260,333
Ohio	24	2,528	14	234	2,280	960	367,207	1,941,660	65,962	4,042,081	39,525	8,517,515	4,435,909
Oklahoma	4	59	2	12	45	9	23,946	38,739	73,168	443,210	936	791,677	347,531
Pennsylvania	207	16,969	128	972	15,869	3,060	1,962,890	10,152,204	1,514,509	25,693,001	333,311	47,290,587	21,264,275
Tennessee	11	1,202	3	68	1,131	241	141,624	629,567	134,123	2,733,267	24,277	4,208,091	1,450,547
Texas	9	236	12	25	199	38	36,880	119,435	----------	170,466	3,197	428,019	254,356
Vermont	4	228	----------	2	226	39	5,002	122,643	----------	3,684	5,589	148,185	138,912
Virginia	10	815	2	26	787	128	42,444	390,944	----------	629,212	11,404	1,196,304	555,688
Wisconsin	7	545	----------	50	495	192	125,164	399,386	----------	978,218	11,143	1,887,949	898,588
Other States [2]	25	1,320	4	130	1,186	258	208,325	616,579	459,587	3,738,000	18,385	6,212,089	2,455,704

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

[2] Alabama, 2 establishments; Arkansas, 1; Colorado, 3; District of Columbia, 2; Florida, 1; Idaho, 1; Louisiana, 2 Mississippi, 4; Oregon, 2; Utah, 1; Washington, 3; West Virginia, 2; Wyoming, 1.

TABLE 27.—COLLARS, MEN'S—SUMMARY FOR THE UNITED STATES: 1919 TO 1927

[Data for establishments with products under $5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 6]

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	24	3,270	$2,966,938	$5,866,677	$13,264,207	$7,397,530	3,131
1925	28	7,187	5,502,920	11,792,449	27,587,675	15,795,226	4,497
1923	37	10,449	7,959,700	18,369,580	42,666,218	24,296,638	5,050
1921	34	9,285	7,061,018	12,374,054	29,571,374	17,197,320	(2)
1919	39	11,103	7,430,729	19,434,095	47,564,949	28,130,854	5,276
	PER CENT OF DECREASE						
1925-1927	(3)	-54.5	-46.1	-50.3	-51.9	-53.2	-30.4
1923-1925	(3)	-31.2	-30.9	-35.8	-35.3	-35.0	-11.0
1923-1927	(3)	-68.7	-62.7	-68.1	-68.9	-69.6	-38.0
1919-1927	(3)	-70.5	-60.1	-69.8	-72.1	-73.7	-40.7

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Not called for on schedule.
[3] Per cent not computed where base is less than 100.

TABLE 28.—COLLARS, MEN'S—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
Prime movers, total	226	*Horsepower* 3,131	751	*Horsepower* 4,497	350	*Horsepower* 5,050
Steam engines	3	335	7	816	18	3,654
Steam turbines	3	2,100	3	2,100		
Water wheels and turbines	1	72	1	72	1	75
Electric motors driven by purchased current	219	624	740	1,509	331	1,321
Electric motors, total	736	2,907	1,230	3,748	833	3,581
Driven by purchased current	219	624	740	1,509	331	1,321
Driven by current generated in establishment reporting	517	2,283	490	2,239	502	2,260
Electric generators	4	*Kilowatts* 2,995	7	*Kilowatts* 1,425	(1)	*Kilowatts* (1)

[1] Not called for on schedule.

TABLE 29.—COLLARS, MEN'S—PRODUCTS, BY CLASS, QUANTITY, AND VALUE: 1927, 1925, AND 1923

CLASS	1927		1925	1923
	Quantity	Value	Value	Value
1. Men's-collar industry, all products, total value		$13,264,207	$27,587,675	$42,666,218
2. Collars		12,179,066	21,388,054	30,803,554
3. Other products (not normally belonging to the industry)		842,469	5,797,564	11,617,607
4. Receipts for contract work		242,672	402,057	245,057
5. Men's collars made as secondary products in other industries		2,238,295	2,131,362	1,783,598
Men's collars, all industries: Aggregate value (sum of 2 and 5)	*Dozens*	14,417,361	23,519,416	32,587,152
Collars, total	8,048,845	14,417,361	23,519,416	32,587,152
New York	6,692,998	12,984,959	22,349,179	
Other States	1,355,847	1,432,402	1,170,237	
Soft (from textile fabrics)	4,218,992	8,776,547	(1)	(1)
Starched (from textile fabrics)	3,283,957	5,307,771	(1)	(1)
Other	545,896	333,043	(1)	(1)

[1] Not called for on schedule.

TABLE 30.—COLLARS, MEN'S—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data reported by individual establishments]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)	
United States	24	3,606	18	318	3,270	3,131
New York	16	3,364	16	283	3,065	2,757
Other States [1]	8	242	2	35	205	374

STATE	Salaries	Wages	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [2]
			Materials and supplies	Fuel and power		
United States	$652,086	$2,966,938	$5,780,867	$85,810	$13,264,207	$7,397,530
New York	571,252	2,824,187	5,295,987	74,165	12,339,152	6,969,000
Other States [1]	80,834	142,751	484,880	11,645	925,055	428,530

[1] Massachusetts, 1 establishment; Michigan, 1; Nebraska, 1; Ohio, 1; Pennsylvania, 4.
[2] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

TABLE 31.—FURNISHING GOODS, MEN'S, NOT ELSEWHERE CLASSIFIED—SUMMARY FOR THE UNITED STATES: 1919 TO 1927

[Data for establishments with products under $5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 6]

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	534	25,183	$22,070,339	$4,706,717	$82,839,406	$145,474,143	$62,634,737	7,190
1925	419	21,094	17,438,160	4,175,625	69,861,348	120,867,596	51,006,248	4,977
1923	454	18,958	14,810,103	3,820,608	57,236,879	102,951,687	45,714,808	5,470
1921	421	15,921	12,469,819	2,222,090	47,193,111	77,526,542	30,333,431	(2)
1919	487	18,944	13,562,866	1,754,490	64,743,912	107,834,695	43,090,783	5,659
	PER CENT OF INCREASE OR DECREASE (—)							
1925-1927	27.4	19.4	26.6	12.7	18.6	20.4	22.8	44.5
1923-1925	—7.7	11.3	17.7	9.3	22.1	17.4	11.6	—9.0
1923-1927	17.6	32.8	49.0	23.2	44.7	41.3	37.0	31.4
1919-1927	9.7	32.9	62.7	168.3	27.9	34.9	45.4	27.1

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Not called for on schedule.

TABLE 32.—FURNISHING GOODS, MEN'S, NOT ELSEWHERE CLASSIFIED—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
		Horsepower		*Horsepower*		*Horsepower*
Prime movers, total	3,199	7,190	2,381	4,977	1,901	5,470
Steam engines	13	1,472	8	602	15	1,097
Internal-combustion engines	9	279	2	57	7	116
Water wheels and turbines	2	200	2	300	3	301
Electric motors driven by purchased current	3,175	5,239	2,369	4,018	1,876	3,956
Electric motors, total	3,400	5,892	2,396	4,125	1,883	3,983
Driven by purchased current	3,175	5,239	2,369	4,018	1,876	3,956
Driven by current generated in establishment reporting	225	653	27	107	7	27
		Kilowatts		*Kilowatts*		*Kilowatts*
Electric generators	10	817	3	274	(1)	(1)

[1] Not called for on schedule.

TABLE 33.—FURNISHING GOODS, MEN'S, NOT ELSEWHERE CLASSIFIED—PRODUCTS, BY CLASS AND VALUE, BY STATES: 1927 AND 1925

[This table presents statistics for States for which separate figures can be given without disclosing the output of individual establishments. Some of the "Other States," however, reported larger quantities and values of some classes of products than some of the States shown separately]

CLASS AND STATE	1927	1925
1. Men's furnishing goods industry, all products, total value	$145,474,143	$120,867,596
2. Men's furnishing goods	136,920,262	115,700,937
3. Other products, not normally belonging to the industry	5,380,002	2,570,978
4. Receipts for contract work	3,173,879	2,595,681
5. Men's furnishing goods made as secondary products in other industries	12,962,980	9,171,783
Men's furnishing goods, all industries: Aggregate value (sum of 2 and 5)	149,883,242	124,872,720
Neckwear (other than collars), not made in knitting mills, total	81,520,931	60,090,028
California	2,953,672	1,943,056
Illinois	4,736,317	4,271,552
Maryland	1,571,321	1,133,958
Massachusetts	4,846,014	3,170,025
Missouri	3,367,474	2,284,553
New York	52,641,113	38,670,233
Ohio	2,749,018	1,853,675
Pennsylvania	2,381,223	3,805,337
Other States	6,274,779	2,957,639
Athletic underwear, made from purchased woven fabric, total	36,354,788	25,842,049
Connecticut	2,456,488	2,062,390
Indiana	2,780,645	3,222,155
Maryland	9,246,361	9,431,677
New York	4,727,930	3,026,800
Pennsylvania	2,472,402	1,190,481
Other States	14,670,962	6,908,546
Sleeping garments (nightshirts and pajamas), total	19,521,023	12,782,395
Maryland	3,833,372	2,712,740
New Jersey	4,184,587	3,613,346
New York	3,731,368	1,991,809
Pennsylvania	4,639,438	2,615,075
Other States	3,132,258	1,849,425
Belts, other than leather	335,063	306,296
Other men's furnishing goods	12,151,437	16,680,169
Undistributed products	----------	9,171,783

TABLE 34.—FURNISHING GOODS, MEN'S, NOT ELSEWHERE CLASSIFIED—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, BY STATES: 1927

[This table presents statistics for States for which separate figures can be given without disclosing the output of individual establishments. Some of the "Other States," however, reported larger quantities and values of some classes of products than some of the States shown separately]

CLASS	Quantity	Value
1. Men's furnishing goods industry, all products, total value	----------	$145,474,143
2. Men's furnishing goods	----------	136,920,262
3. Other products, not normally belonging to the industry	----------	5,380,002
4. Receipts for contract work	----------	3,173,879
5. Men's furnishing goods made as secondary products in other industries, value	----------	12,962,980
Men's furnishing goods, all industries: Aggregate value (sum of 2 and 5)	----------	149,883,242
Neckwear (other than collars) not made in knitting mills, total	----------	81,520,931

TABLE 34.—FURNISHING GOODS, MEN'S, NOT ELSEWHERE CLASSIFIED—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, BY STATES: 1927—Contd.

[See note at head of table p. 393]

CLASS	Quantity	Value
Men's furnishing goods, all industries—Continued.		
Neckwear—Continued.		
Neckties—	*Dozens*	
Four-in-hand, total	8,211,951	$60,073,489
California	374,670	2,712,489
Illinois	305,846	2,677,844
Maryland	175,292	1,243,557
Massachusetts	399,270	2,478,336
Missouri	425,204	2,857,103
New York	5,337,020	38,955,141
Ohio	256,601	2,167,749
Pennsylvania	284,680	1,933,395
Other States	653,368	5,047,875
Bow, total	3,168,313	12,113,827
Illinois	152,732	793,811
Massachusetts	596,432	2,184,304
Missouri	131,097	500,668
New York	1,727,655	6,591,655
Ohio	102,069	440,704
Pennsylvania	68,653	244,539
Other States	389,675	1,358,146
Scarfs, total	623,393	7,414,646
Illinois	132,353	1,258,604
Massachusetts	26,619	183,374
New York	425,475	5,269,785
Pennsylvania	9,734	167,434
Other States	29,212	535,449
Other neckwear, total		1,918,969
New York		1,824,532
Other States		94,437
Sleeping garments, total	1,460,837	19,521,023
Nightshirts, total	251,412	2,517,796
New York	35,490	386,836
Pennsylvania	120,132	1,158,342
Other States	95,790	972,618
Pajamas, total	1,209,425	17,003,227
Maryland	229,359	3,621,267
New Jersey	216,231	3,875,244
New York	275,028	3,344,532
Pennsylvania	291,228	3,481,096
Other States	197,579	2,681,088
Underwear (not made in knitting mills), total	6,110,938	38,070,325
Athletic underwear, woven fabric, total	5,887,825	36,354,788
Two-piece suits, total	808,323	4,549,667
Connecticut	116,813	855,631
Maryland	233,511	1,368,791
Other States	457,999	2,325,245
Union suits, total	5,079,502	31,805,121
Connecticut	270,963	1,600,857
Indiana	443,787	2,780,645
Maryland	991,653	7,877,570
New York	782,512	4,600,476
Pennsylvania	428,438	2,206,568
Other States	2,162,149	12,739,005
Other underwear	223,113	1,715,537
	Number	
Bathrobes, total	1,360,849	6,591,758
New York	969,339	4,868,491
Other States	391,510	1,723,267
Lounging garments, total	392,476	3,002,367
New York	358,430	2,695,528
Other States	34,046	306,839
	Dozens	
Belts, other than leather, total	67,919	335,063
Other men's furnishing goods		841,775

TABLE 35.—FURNISHING GOODS, MEN'S, NOT ELSEWHERE CLASSIFIED—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data reported by individual establishments. Certain of the "Other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower	Salaries	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [1]
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)					Materials and supplies	Fuel and power		
United States	534	28,712	436	3,093	25,183	7,190	$6,553,571	$22,070,339	$4,706,717	$82,400,945	$438,461	$145,474,143	$62,634,737
California	11	474	11	104	359	41	168,947	397,274	----------	1,817,141	5,271	2,976,875	1,154,463
Connecticut	11	961	-------	91	870	194	262,163	936,113	128,500	3,089,412	16,188	5,370,032	2,264,432
Georgia	4	85	3	12	70	15	15,544	41,002	600	208,156	1,451	356,410	146,803
Illinois	26	2,245	22	195	2,028	488	411,996	1,520,746	24,460	5,062,514	49,388	8,548,663	3,436,761
Indiana	7	1,374	2	106	1,266	879	128,991	1,002,335	20,106	2,764,842	20,520	4,560,124	1,774,762
Maryland	31	5,290	15	379	4,896	1,610	926,055	2,758,272	362,857	7,708,750	60,646	15,330,939	7,561,543
Massachusetts	26	1,263	18	147	1,098	128	303,489	997,787	122,138	3,056,398	14,661	6,077,603	3,006,544
Michigan	3	113	1	16	96	19	45,916	85,295	----------	351,730	1,911	616,059	262,418
Missouri	15	739	11	97	631	103	249,005	576,776	----------	2,471,824	9,965	3,889,807	1,408,018
New Jersey	20	1,442	8	248	1,186	395	203,157	830,683	295,767	2,424,102	25,059	4,594,380	2,145,219
New York	288	8,439	281	1,262	6,896	2,050	2,914,991	9,354,786	3,362,332	41,645,121	151,397	71,895,573	30,099,055
Ohio	13	688	6	82	600	87	200,321	446,611	42,380	2,066,160	8,289	3,674,714	1,600,265
Pennsylvania	47	2,904	41	200	2,663	528	368,432	1,624,288	340,106	5,636,531	41,202	9,844,797	4,167,064
Other States [2]	32	2,695	17	154	2,524	653	354,564	1,498,371	7,471	4,098,264	32,513	7,738,167	3,607,390

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

[2] Alabama, 2 establishments; Arkansas, 2; Colorado, 1; Delaware, 5; Iowa, 1; Kentucky, 2; Louisiana, 1; Minnesota, 2; Nebraska, 2; North Carolina, 3; Oregon, 1; South Carolina, 1; Texas, 1; Vermont, 1; Virginia, 1; Washington, 3; West Virginia, 1; Wisconsin, 2.

TABLE 36.—GLOVES AND MITTENS, CLOTH OR CHIEFLY CLOTH—SUMMARY FOR THE UNITED STATES: 1919 TO 1927

[Data for establishments with products under $5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 6]

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	131	10,296	$6,669,708	$17,392,166	$30,202,152	$12,809,986	4,112
1925 [2]	139	9,061	5,709,401	17,977,323	29,531,716	11,554,393	4,102
1923	129	8,864	5,295,995	18,292,054	28,125,528	9,833,474	3,143
1921	128	5,758	3,294,079	10,191,476	15,212,899	5,021,423	(3)
1919	182	8,986	4,855,246	16,092,462	28,220,113	12,127,651	3,364
	PER CENT OF INCREASE OR DECREASE (—)						
1925-1927	—5.8	13.6	16.8	—3.3	2.3	10.9	0.2
1923-1925	7.8	2.2	7.8	—1.7	5.0	17.5	30.5
1923-1927	1.6	16.2	25.9	—4.9	7.4	30.2	30.8
1919-1927	—28.0	14.6	37.4	8.1	7.0	5.6	22.2

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Revised.
[3] Not called for on schedule.

TABLE 37.—GLOVES AND MITTENS, CLOTH OR CHIEFLY CLOTH—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927 AND 1925

TYPE	1927		1925	
	Number	Capacity	Number	Capacity
		Horsepower		*Horsepower*
Prime movers, total	1,164	4,112	1,025	4,102
Steam engines	6	380	9	475
Internal-combustion engines	6	93	6	92
Electric motors driven by purchased current	1,152	3,639	1,010	3,535
Electric motors, total	1,204	3,836	1,022	3,753
Driven by purchased current	1,152	3,639	1,010	3,535
Driven by current generated in establishment reporting	52	197	12	218
		Kilowatts		*Kilowatts*
Electric generators	5	312	5	265

TABLE 38.—GLOVES AND MITTENS—PRODUCTION, BY KIND, QUANTITY, AND VALUE: 1927 [1]

[For convenience, statistics showing the production of leather, cloth, and knit gloves and mittens have been assembled in this table]

KIND	Quantity (dozen pairs)	Value
1. Leather glove and mitten industry, all products, total value		$36,662,053
2. Gloves and mittens, total	2,954,124	35,720,872
3. Leather	2,743,542	34,751,304
4. Cloth and cloth and leather combined	200,376	848,230
5. Other	10,206	121,338
6. Other products (not normally belonging to the industry)		837,992
7. Receipts for contract work		103,189
8. Cloth glove and mitten industry, all products, total value		30,202,152
9. Gloves and mittens, total	16,927,386	29,437,995
10. Cloth and cloth-and-leather	16,883,660	29,072,721
11. Leather	31,705	247,374
12. Other	12,021	117,900
13. Other products (not normally belonging to the industry)		762,957
14. Receipts for contract work		1,200
15. Gloves and mittens made in the knit-goods industry	1,050,054	7,337,898
16. Gloves and mittens made as secondary products in other industries, total	149,522	384,032
17. Leather	26,222	211,387
18. Cloth	123,300	172,645
Gloves and mittens, all industries: Aggregate (sum of 2, 9, 15, and 16)	[2] 21,081,086	[2] 72,880,797
Gloves and mittens, except products of the knit-goods industry, total	20,031,032	65,542,899
All-woven fabric, total	10,194,651	14,193,348
Illinois	299,795	574,421
Indiana	1,955,770	3,058,525
Iowa	388,237	735,774
Missouri	1,525,015	1,895,913
New York	406,977	700,417
Ohio	3,645,730	4,629,179
Other States	1,973,127	2,599,119
All-knit fabric, total	3,986,001	5,931,746
Warp-knit fabric	1,767,388	2,491,119
Other knit fabric	2,218,613	3,440,627
Combination of woven or knit fabric and leather	3,026,684	9,968,502
All-leather, lined and unlined, total	2,801,469	35,210,065
California	60,296	949,865
Illinois	174,453	1,839,121
New York	1,506,229	23,100,712
Wisconsin	589,639	5,794,997
Other States	470,852	3,525,370
Other (principally asbestos)	22,227	239,238
Gloves and mittens made in knit-goods establishments, total	1,050,054	7,337,898
Sueded-cotton gloves	28,108	350,462
Gloves, except sueded-cotton	836,415	6,450,932
Mittens	185,531	536,504

[1] Corresponding statistics are not available for earlier years for the reason that data of this character were collected for the first time at the census for 1927.

[2] These aggregates are the sums of all items in the columns beneath except those which are underscored.

TABLE 39.—GLOVES AND MITTENS, CLOTH OR CHIEFLY CLOTH—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data reported by individual establishments. Certain of the "Other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)	
United States	131	10,824	72	456	10,296	4,112
California	3	39	3	4	32	15
Illinois	12	1,770	7	53	1,710	451
Indiana	21	2,579	8	71	2,500	992
Iowa	8	443	----------	53	390	188
Michigan	6	225	2	16	207	112
Missouri	6	939	----------	37	902	405
New York	21	607	24	23	560	142
Ohio	22	2,448	9	86	2,353	1,002
Pennsylvania	8	277	4	22	251	117
Other States [1]	24	1,497	15	91	1,391	688

STATE	Salaries	Wages	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [2]
			Materials and supplies	Fuel and power		
United States	$956,181	$6,669,708	$17,204,596	$187,570	$30,202,152	$12,809,986
California	8,922	26,973	36,464	1,115	91,933	54,354
Illinois	133,102	1,086,594	2,874,785	29,198	4,986,161	2,082,178
Indiana	145,640	1,480,680	3,734,459	35,482	6,772,472	3,002,531
Iowa	96,552	250,247	693,394	10,579	1,407,881	703,908
Michigan	35,336	158,048	396,080	4,094	616,325	216,151
Missouri	47,989	563,184	1,481,982	15,170	2,731,481	1,234,329
New York	42,106	454,866	816,240	12,796	1,661,460	832,424
Ohio	206,340	1,617,446	4,292,771	48,294	7,115,890	2,774,825
Pennsylvania	39,699	147,807	455,179	5,791	738,203	277,233
Other States [1]	200,495	883,863	2,423,242	25,051	4,080,346	1,632,053

[1] Colorado, 1 establishment; Connecticut, 1; Kansas, 1; Kentucky, 1; Maine, 1; Massachusetts, 1; Minnesota, 3; Nebraska, 1; New Hampshire, 1; North Carolina, 4; Oregon, 1; South Carolina, 1; Tennessee, 1; Virginia, 1; Washington, 3; Wisconsin, 2.

[2] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

TABLE 40.—CORSETS AND ALLIED GARMENTS—SUMMARY FOR THE UNITED STATES: 1919 TO 1927

[Data for establishments with products under $5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 6]

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	222	13,778	$12,402,288	$35,394,422	$77,218,202	$41,823,780	7,819
1925	185	14,525	12,394,094	37,808,237	77,114,840	39,306,603	8,394
1923	216	16,104	13,258,200	38,416,008	78,047,959	39,631,951	5,901
1921	173	17,084	13,102,159	38,857,277	75,600,156	36,742,879	(2)
1919	188	18,415	13,082,242	38,815,803	75,541,959	36,726,156	6,956
	PER CENT OF INCREASE OR DECREASE (—)						
1925–1927	20.0	—5.1	0.1	—6.4	0.1	6.4	—6.9
1923–1925	—14.4	—9.8	—6.5	—1.6	—1.2	—.8	42.2
1923–1927	2.8	—14.4	—6.5	—7.9	—1.1	5.5	32.5
1919–1927	18.1	—25.2	—5.2	—8.8	2.2	13.9	12.4

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Not called for on schedule.

TABLE 41.—CORSETS AND ALLIED GARMENTS—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
Prime movers, total	2,722	*Horsepower* 7,819	1,933	*Horsepower* 8,394	1,272	*Horsepower* 5,901
Steam engines	25	3,470	29	4,097	26	1,985
Steam turbines	1	350	1	200		
Internal-combustion engines	1	60	1	60	2	62
Water wheels and turbines	3	290	3	255	5	410
Electric motors driven by purchased current	2,692	3,649	1,899	3,782	1,239	3,444
Electric motors, total	3,143	5,067	2,494	6,074	1,796	5,754
Driven by purchased current	2,692	3,649	1,899	3,782	1,239	3,444
Driven by current generated in establishment reporting	451	1,418	595	2,292	557	2,310
Electric generators	25	*Kilowatts* 4,692	26	*Kilowatts* 5,128	(1)	*Kilowatts* (1)

[1] Not called for on schedule.

TABLE 39.—GLOVES AND MITTENS, CLOTH OR CHIEFLY CLOTH—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data reported by individual establishments. Certain of the "Other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)	
United States	131	10,824	72	456	10,296	4,112
California	3	39	3	4	32	15
Illinois	12	1,770	7	53	1,710	451
Indiana	21	2,579	8	71	2,500	992
Iowa	8	443	----------	53	390	188
Michigan	6	225	2	16	207	112
Missouri	6	939	----------	37	902	405
New York	21	607	24	23	560	142
Ohio	22	2,448	9	86	2,353	1,002
Pennsylvania	8	277	4	22	251	117
Other States [1]	24	1,497	15	91	1,391	688

STATE	Salaries	Wages	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [2]
			Materials and supplies	Fuel and power		
United States	$956,181	$6,669,708	$17,204,596	$187,570	$30,202,152	$12,809,986
California	8,922	26,973	36,464	1,115	91,933	54,354
Illinois	133,102	1,086,594	2,874,785	29,198	4,986,161	2,082,178
Indiana	145,640	1,480,680	3,734,459	35,482	6,772,472	3,002,531
Iowa	96,552	250,247	693,394	10,579	1,407,881	703,908
Michigan	35,336	158,048	396,080	4,094	616,325	216,151
Missouri	47,989	563,184	1,481,982	15,170	2,731,481	1,234,329
New York	42,106	454,866	816,240	12,796	1,661,460	832,424
Ohio	206,340	1,617,446	4,292,771	48,294	7,115,890	2,774,825
Pennsylvania	39,699	147,807	455,179	5,791	738,203	277,233
Other States [1]	200,495	883,863	2,423,242	25,051	4,080,346	1,632,053

[1] Colorado, 1 establishment; Connecticut, 1; Kansas, 1; Kentucky, 1; Maine, 1; Massachusetts, 1; Minnesota, 3; Nebraska, 1; New Hampshire, 1; North Carolina, 4; Oregon, 1; South Carolina, 1; Tennessee, 1; Virginia, 1; Washington, 3; Wisconsin, 2.

[2] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

TABLE 40.—CORSETS AND ALLIED GARMENTS—SUMMARY FOR THE UNITED STATES: 1919 TO 1927

[Data for establishments with products under $5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 6]

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	222	13,778	$12,402,288	$35,394,422	$77,218,202	$41,823,780	7,819
1925	185	14,525	12,394,094	37,808,237	77,114,840	39,306,603	8,394
1923	216	16,104	13,258,200	38,416,008	78,047,959	39,631,951	5,901
1921	173	17,084	13,102,159	38,857,277	75,600,156	36,742,879	(2)
1919	188	18,415	13,082,242	38,815,803	75,541,959	36,726,156	6,956
	PER CENT OF INCREASE OR DECREASE (—)						
1925-1927	20.0	—5.1	0.1	—6.4	0.1	6.4	—6.9
1923-1925	—14.4	—9.8	—6.5	—1.6	—1.2	—.8	42.2
1923-1927	2.8	—14.4	—6.5	—7.9	—1.1	5.5	32.5
1919-1927	18.1	—25.2	—5.2	—8.8	2.2	13.9	12.4

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Not called for on schedule.

TABLE 41.—CORSETS AND ALLIED GARMENTS—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
Prime movers, total	2,722	*Horsepower* 7,819	1,933	*Horsepower* 8,394	1,272	*Horsepower* 5,901
Steam engines	25	3,470	29	4,097	26	1,985
Steam turbines	1	350	1	200		
Internal-combustion engines	1	60	1	60	2	62
Water wheels and turbines	3	290	3	255	5	410
Electric motors driven by purchased current	2,692	3,649	1,899	3,782	1,239	3,444
Electric motors, total	3,143	5,067	2,494	6,074	1,796	5,754
Driven by purchased current	2,692	3,649	1,899	3,782	1,239	3,444
Driven by current generated in establishment reporting	451	1,418	595	2,292	557	2,310
Electric generators	25	*Kilowatts* 4,692	26	*Kilowatts* 5,128	(1)	*Kilowatts* (1)

[1] Not called for on schedule.

TABLE 42.—CORSETS AND ALLIED GARMENTS—PRODUCTS, BY CLASS, QUANTITY, AND VALUE: 1927 AND 1925

[This table presents statistics for States for which separate figures can be given without disclosing the output of individual establishments. Some of the "Other States," however, reported larger quantities and values of certain classes of products than some of the States shown separately]

CLASS	1927		1925
	Quantity	Value	Value
1. "Corsets and allied garments" industry, all products, total value		$77,218,202	$77,114,840
2. Corsets and allied garments		73,774,564	73,976,129
3. Other products (not normally belonging to the industry)		3,411,638	3,042,070
4. Receipts for contract work		32,000	96,641
5. Corsets and allied garments made as secondary products in other industries		360,022	117,607
Corsets and allied garments, all industries: Aggregate value (sum of 2 and 5)	*Number*	74,134,586	74,093,736
Corsets, total	8,937,677	23,793,011	42,041,549
Connecticut	3,171,260	7,013,013	12,213,800
Illinois	445,906	1,624,208	2,708,028
Massachusetts	809,311	1,907,597	4,386,739
Michigan	835,956	2,097,927	4,776,760
New Jersey	418,610	1,420,278	1,924,623
New York	2,479,857	6,850,298	12,727,078
Pennsylvania	141,115	547,440	823,565
Other States	635,662	2,332,250	2,480,956
Brassieres and bandeaux, total	24,999,038	15,136,044	
Illinois	3,408,830	1,682,633	
Michigan	2,552,203	1,146,064	
New Jersey	3,395,668	2,225,065	
New York	13,161,782	8,139,420	
Other States	2,480,555	1,942,862	
Corset-brassiere combinations, total	13,503,759	24,462,329	
Connecticut	1,651,496	3,123,538	
Illinois	3,693,941	5,424,633	
Massachusetts	599,964	1,171,566	
Michigan	1,054,101	2,032,999	27,146,360
New Jersey	2,225,368	3,426,797	
New York	3,854,100	7,776,729	
Other States	424,789	1,506,067	
Girdles, total	5,111,692	8,026,166	
Connecticut	1,335,440	1,934,638	
Illinois	600,679	798,739	
Massachusetts	408,588	528,571	
Michigan	430,052	1,006,846	
New Jersey	815,256	974,615	
New York	1,494,694	2,734,017	
Other States	26,983	48,740	
Corset accessories (clasps, stays, etc.)		2,357,014	4,788,220
Undistributed		360,022	117,607

TABLE 43.—CORSETS AND ALLIED GARMENTS—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data reported by individual establishments]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)	
United States	222	16,239	131	2,330	13,778	7,819
Connecticut	17	3,618	--------	480	3,138	3,220
Illinois	21	1,846	9	286	1,551	509
Massachusetts	12	1,099	--------	156	943	696
Michigan	11	1,265	2	181	1,082	831
New Jersey	17	1,845	13	326	1,506	851
New York	130	5,392	98	748	4,546	1,422
Pennsylvania	8	673	5	142	526	182
Other States [1]	6	501	4	11	486	108

STATE	Salaries	Wages	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [2]
			Materials and supplies	Fuel and power		
United States	$5,369,850	$12,402,288	$35,076,761	$317,661	$77,218,202	$41,823,780
Connecticut	1,125,766	2,804,576	6,745,002	93,199	15,198,789	8,360,588
Illinois	590,924	1,497,758	4,503,486	29,241	9,712,622	5,179,895
Massachusetts	365,362	692,741	1,865,082	12,487	4,052,709	2,175,140
Michigan	397,066	918,572	2,488,060	32,357	6,579,466	4,059,049
New Jersey	713,826	1,382,196	3,804,366	26,780	8,411,220	4,580,074
New York	1,902,879	4,431,869	13,436,079	105,982	27,605,595	14,063,534
Pennsylvania	250,728	362,534	885,867	8,074	2,508,183	1,614,242
Other States [1]	23,299	312,042	1,348,819	9,541	3,149,618	1,791,258

[1] Indiana, 2 establishments; Minnesota, 1; Missouri, 1; Ohio, 1; Wisconsin, 1.
[2] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

TABLE 44.—SUSPENDERS, GARTERS, AND OTHER ELASTIC WOVEN GOODS—SUMMARY FOR THE UNITED STATES: 1927, 1925, AND 1923

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	91	4,061	$3,529,147	$16,259,683	$26,985,376	$10,725,693	983
1925	93	3,835	3,072,392	16,499,915	27,504,028	11,004,113	876
1923	100	3,458	2,891,526	13,934,072	24,297,342	10,363,270	809
	PER CENT OF INCREASE OR DECREASE (—)						
1925–1927	(2)	5.9	14.9	—1.5	—1.9	—2.5	12.2
1923–1925	—7.0	10.9	6.3	18.4	13.2	6.2	8.3
1923–1927	—9.0	17.4	22.1	16.7	11.1	3.5	21.5

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Not shown where base is less than 100.

TABLE 45.—SUSPENDERS, GARTERS, AND OTHER ELASTIC WOVEN GOODS—PRIME MOVERS AND MOTORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927 AND 1925

TYPE	1927		1925	
	Number	Capacity	Number	Capacity
		Horsepower		*Horsepower*
Prime movers, total	718	983	620	876
Steam engines	1	18	1	18
Internal-combustion engines	1	3		
Water wheels and turbines	1	50	1	60
Electric motors driven by purchased current	715	912	618	798
Electric motors, total	715	912	618	798
Driven by purchased current	715	912	618	798

TABLE 46.—SUSPENDERS, GARTERS, AND OTHER ELASTIC WOVEN GOODS—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1927

CLASS	Quantity (dozen pairs)	Value
1. "Suspenders, garters, and other elastic woven goods, made from purchased webbing" industry, all products, total value		$26,985,376
2. Suspenders, garters, and other elastic woven goods		25,020,760
3. Other products (not normally belonging to the industry)		1,964,616
4. Suspenders, garters, and other elastic woven goods made as secondary products in other industries, value		1,848,640
Suspenders, garters, and other elastic woven goods, all industries: Aggregate value (sum of 2 and 4)		26,869,400
Suspenders	1,350,476	5,294,305
Arm bands	533,605	516,136
Garters—		
Men's	3,550,687	8,003,244
Women's	5,500,557	8,049,605
Other elastic goods, value		2,447,862
Minor products, value		2,558,248

TABLE 47.—SUSPENDERS, GARTERS, AND OTHER ELASTIC WOVEN GOODS—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data reported by individual establishments. Certain of the "Other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)	
United States	91	4,915	88	766	4,061	983
Connecticut	7	338	2	50	286	38
Illinois	8	1,530	5	378	1,147	341
Massachusetts	8	726	4	99	623	181
Minnesota	4	38	7	5	26	12
New York	42	1,227	49	133	1,045	213
Ohio	3	91	2	16	73	31
Wisconsin	5	21	8	1	12	5
Other States [1]	14	944	11	84	849	162

STATE	Salaries	Wages	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [2]
			Materials and supplies	Fuel and power		
United States	$2,207,076	$3,529,147	$16,179,575	$80,108	$26,985,376	$10,725,693
Connecticut	137,957	278,848	1,571,813	4,849	2,123,297	546,635
Illinois	1,200,557	1,037,718	5,119,864	23,212	9,585,143	4,442,067
Massachusetts	241,473	487,744	2,005,497	16,950	3,019,041	996,594
Minnesota	7,084	19,137	68,703	772	118,816	49,341
New York	348,483	1,084,983	4,462,483	21,794	6,980,608	2,496,331
Ohio	32,642	51,875	165,114	1,677	302,461	135,670
Wisconsin	1,300	9,240	61,278	434	100,625	38,913
Other States [1]	237,580	559,602	2,724,823	10,420	4,755,385	2,020,142

[1] California, 2 establishments; Colorado, 1; Iowa, 1; Kentucky, 1; Michigan, 1; Missouri, 2; North Carolina, 1; Pennsylvania, 4; Washington, 1.
[2] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

TABLE 48.—HANDKERCHIEFS—SUMMARY FOR THE UNITED STATES: 1927

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	115	6,659	$5,264,147	$1,766,719	$18,205,237	$31,588,220	$13,382,983	2,665

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

TABLE 49.—HANDKERCHIEFS—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927

TYPE	1927	
	Number	Capacity
		Horsepower
Prime movers, total	526	2,665
Steam engines	8	1,475
Steam turbines	3	83
Electric motors driven by purchased current	515	1,107
Electric motors, total	633	1,687
Driven by purchased current	515	1,107
Driven by current generated in establishment reporting	118	580
		Kilowatts
Electric generators	8	800

TABLE 50.—HANDKERCHIEFS—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, BY STATES: 1927

CLASS	Quantity	Value
1. Handkerchief industry, all products, total value		$31,588,220
2. Handkerchiefs		29,697,141
3. Other products (not normally belonging to the industry)		591,915
4. Receipts for contract work		1,299,164
5. Handkerchiefs made as secondary products in other industries, value		1,653,410
Handkerchiefs, all industries:	*Dozens*	
Aggregate value (sum of 2 and 5)		31,350,551
Men's handkerchiefs, total	19,708,351	15,767,333
New Jersey	6,802,508	5,483,034
New York	6,144,904	6,339,467
Pennsylvania	610,943	1,175,814
Rhode Island	1,563,917	795,190
Other States	4,586,079	1,973,828
Women's handkerchiefs, total	21,171,323	15,583,218
New Jersey	8,820,186	6,931,727
New York	5,735,473	4,714,833
Pennsylvania	1,721,998	1,171,137
Rhode Island	840,336	751,173
Other States	4,053,330	2,014,348

TABLE 51.—HANDKERCHIEFS—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data reported by individual establishments]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)	
United States	115	7,314	71	584	6,659	2,665
New Jersey	35	3,711	17	267	3,427	2,004
New York	53	1,801	35	196	1,570	337
Pennsylvania	6	577	6	41	530	108
Rhode Island	6	222	6	26	190	54
Other States [1]	15	1,003	7	54	942	162

STATE	Salaries	Wages	Paid for contract work	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [2]
				Materials and supplies	Fuel and power		
United States	$1,339,522	$5,264,147	$1,766,719	$18,051,546	$153,691	$31,588,220	$13,382,983
New Jersey	662,847	2,747,171	588,419	7,715,491	92,477	13,772,578	5,964,610
New York	433,638	1,383,459	1,006,522	6,063,753	27,912	10,828,565	4,736,900
Pennsylvania	77,924	427,289	185	1,189,705	14,225	2,049,573	845,643
Rhode Island	61,085	118,842	166,231	906,640	2,669	1,590,418	681,109
Other States [1]	104,028	587,386	5,362	2,175,957	16,408	3,347,086	1,154,721

[1] California, 1 establishment; Connecticut, 1; Illinois, 2; Maine, 1; Missouri, 1; North Carolina, 2; Tennessee, 1; Texas, 2; Vermont, 1; Virginia, 1; Washington, 1; West Virginia, 1.

[2] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)

TABLE 52.—MEN'S AND BOYS' CLOTHING CUT—SUMMARY OF MONTHLY STATISTICS: 1924 TO 1927

[The statistics presented in this table were compiled from data supplied by an average of 730 establishments reporting for 1927, 699 for 1926, 565 for 1925, and 529 for 1924. The annual output of each of these establishments was valued at more than $100,000]

KIND	NUMBER OF UNITS CUT			
	1927	1926	1925	1924
MEN'S CLOTHING				
Men's suits, total	16,510,082	17,381,600	16,038,872	12,882,663
Suits wholly or partly of wool	15,325,490	15,558,848	14,708,261	11,458,320
Suits wholly or partly of cotton, mohair, linen, etc	1,184,592	1,822,752	1,330,611	1,424,343
Men's separate trousers, total	19,216,026	19,028,463	16,122,255	13,787,749
Trousers wholly or partly of wool	11,074,921	12,054,813	10,407,180	8,501,972
Trousers wholly or partly of cotton, mohair, linen, etc	8,141,105	6,973,650	5,715,075	5,285,777
Men's overcoats and topcoats, total	4,344,613	4,706,448	4,179,437	4,023,584
Overcoats	3,205,252	(1)	(1)	(1)
Topcoats	1,139,361	(1)	(1)	(1)
BOYS' CLOTHING				
Boys' suits, total	7,786,449	5,916,201	5,452,429	3,863,795
Suits wholly or partly of wool	4,122,401	3,836,867	3,515,303	3,319,193
Suits wholly or partly of cotton, mohair, linen, etc	3,664,048	2,079,334	1,937,126	544,602
Boys' separate pants, total	5,529,728	5,664,902	6,289,609	6,248,639
Pants wholly or partly of wool	3,579,211	3,304,086	4,448,101	5,078,207
Pants wholly or partly of cotton, mohair, linen, etc	1,950,517	2,360,816	1,841,508	1,170,432
Boys' overcoats, reefers, and light coats	1,233,953	1,312,041	1,224,924	1,149,854

[1] Not reported separately.

TABLE 53.—WORK CLOTHING, GARMENTS CUT—SUMMARY OF MONTHLY STATISTICS: 1924 TO 1927

[The statistics presented in this table were compiled from data supplied by an average of 253 establishments for 1927, 246 for 1926, 240 for 1925, and 204 for 1924. The annual output of each of these establishments was valued at more than $100,000]

MATERIAL USED	NUMBER OF GARMENTS (DOZENS)			
	1927	1926	1925	1924
Denims, total	4,176,764	3,139,898	2,906,777	2,347,710
2.20 and other W. B	3,431,121	2,509,324	2,273,044	1,756,999
2.40–2.45 and heavier D. & T	506,471	428,435	445,787	416,738
2.50 and lighter D. & T	239,172	202,139	187,946	173,973
Stifels and drills	210,489	197,785	281,014	197,250
Khaki	561,245	413,372	418,907	287,713
Duck	213,851	194,577	183,635	95,218
Other	1,069,477	851,685	961,231	592,505

THE WOOL-MANUFACTURES GROUP

Relationship of the industries.—The wool-manufactures group of five industries embraces establishments engaged primarily in the manufacture of (1) woolen goods, (2) worsted goods, (3) wool carpets and rugs, other than rag, (4) wool and hair felt goods, and (5) wool-felt hats. The three other industries shown in connection with wool manufactures, namely, wool shoddy, wool pulling, and wool scouring, represent processes in the manufacture of wool materials, rather than the production of finished goods, and therefore statistics for these industries are presented separately. Some of the products reported by establishments classified in the wool-manufactures group are not strictly all-wool. In the manufacture of many of the wool carpets and rugs, for example, it is necessary to use a stronger yarn than wool for the ground or foundation weave. These yarns are usually of jute, linen, or cotton, and may be seen on the back of most wool carpets and rugs. Other fibers mixed with wool are found to some extent in many different types of fabrics besides carpets and rugs. Fabrics made wholly or in part from such animal hair as alpaca, vicuna, and mohair, and the hair of camels and cattle, are also included with wool manufactures.

Detailed statistics of products.—The relatively small differences between the total values of the several classes of products as shown in Table 4 for the group as a whole, and the corresponding values as given in the appropriate tables for the separate industries, are due to the fact that each of the tables for the separate industries relates to one industry alone, whereas the table for the group as a whole presents complete statistics for each specified class of goods, including those made as secondary products by wool-manufacturing establishments classified in industries other than those to which the products in question normally belong. (See "Assignment of establishments to industries," p. 17.)

Monthly statistics.—Data are collected monthly on "Wool consumed by manufacturers" and "Active and idle wool machinery." (See Tables 1 and 2, pp. 453 and 454.)

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1919 TO 1927

[Data for establishments with products under $5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 6]

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	891	194,827	$224,799,962	$615,783,590	$1,036,143,196	$420,359,606	647,854
1925	973	206,110	243,042,793	756,074,445	[2] 1,198,293,372	[2] 442,218,927	659,331
1923	1,004	237,454	280,152,690	748,556,135	1,312,719,242	564,163,107	615,601
1921	961	190,894	209,573,372	463,849,422	888,557,982	424,708,560	(3)
1919	1,016	196,404	198,586,069	759,193,319	1,234,657,092	475,463,773	522,917
	PER CENT OF INCREASE OR DECREASE (—)						
1925–1927	—8.4	—5.5	—7.5	—18.6	—13.5	—4.9	—1.7
1923–1925	—3.1	—13.2	—13.2	1.0	—8.7	—21.6	7.1
1923–1927	—11.3	—18.0	—19.8	—17.7	—21.1	—25.5	5.2
1919–1927	—12.3	—0.8	13.2	—18.9	—16.1	—11.6	23.9

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Revised.
[3] Not called for on schedule.

TABLE 2.—PRINCIPAL MATERIALS USED IN WOOL MANUFACTURES: 1927, 1925, AND 1919

[No data for materials tabulated for 1923 and 1921]

KIND	1927	1925	1919
	Pounds	*Pounds*	*Pounds*
Wool:			
In condition in which purchased, total	538, 990, 486	555, 262, 841	491, 728, 475
Domestic, total	285, 900, 786	261, 893, 253	253, 838, 421
Grease	213, 125, 321	(1)	(1)
Pulled	13, 894, 538	(1)	(1)
Scoured	58, 880, 927	(1)	(1)
Foreign, total	253, 089, 700	293, 369, 588	237, 890, 054
Grease	222, 613, 903	(1)	(1)
Pulled	12, 086, 416	(1)	(1)
Scoured	18, 389, 381	(1)	(1)
Equivalent in scoured condition	308, 329, 156	351, 067, 225	295, 388, 119
Animal hair, total	62, 909, 554	69, 518, 341	54, 340, 349
Camel, alpaca, and vicuna	1, 999, 685	2, 330, 895	3, 362, 621
Mohair	15, 687, 727	15, 448, 625	12, 271, 514
Other animal hair	45, 222, 142	51, 738, 821	38, 706, 214
Cotton, total	32, 821, 904	40, 188, 264	22, 682, 635
Domestic	21, 435, 365	29, 819, 111	17, 299, 101
Foreign	11, 386, 539	10, 369, 153	5, 383, 534
Rags, clippings, etc	60, 600, 140	76, 498, 210	48, 799, 746
Recovered wool fiber	31, 839, 261	40, 345, 188	37, 532, 275
Waste and noils, purchased, total	62, 874, 935	65, 365, 752	53, 277, 222
Wool waste and noils	56, 851, 483	56, 554, 038	49, 305, 632
Camel, alpaca, vicuna, and mohair noils	1, 950, 365	3, 261, 301	2, 175, 629
Silk waste and noils	4, 073, 087	5, 550, 413	1, 795, 961
Tops, purchased	50, 228, 496	46, 359, 672	26, 466, 973
Yarns, purchased, total	231, 171, 121	237, 578, 886	171, 914, 904
Woolen	35, 414, 957	37, 246, 261	25, 759, 406
Worsted	47, 161, 327	53, 820, 164	47, 126, 670
Wool and cotton mixed	5, 576, 851	1, 695, 368	1, 609, 023
Mohair	1, 969, 884	3, 160, 854	1, 113, 035
Cotton	57, 264, 380	52, 000, 745	46, 039, 351
Silk and spun silk	1, 918, 231	718, 845	542, 587
Rayon	1, 544, 645	2, 543, 220	39, 990
Linen	268, 553	933, 499	2, 295, 500
Jute	[2] 67, 625, 906	[2] 80, 673, 475	[2] 47, 389, 342
Other yarns	12, 426, 387	4, 786, 455	(3)

[1] No comparable figures.
[2] Figures for 1919 not strictly comparable, as they include data for yarn of ramie or other vegetable fiber.
[3] Included in figure for "Jute." (See footnote 2.)

TABLE 3.—PRINCIPAL MATERIALS USED IN WOOL MANUFACTURES, BY STATES: 1927, 1925, AND 1919

[This table presents statistics for the principal States for which separate figures can be given without disclosing consumption reported by individual establishments. Some of the "Other States," however, reported larger quantities of certain materials used than one or more of the States shown separately]

[No data for materials were tabulated for 1923 and 1921. See "Monthly statistics," Table 1, p. 453]

MATERIAL AND STATE	POUNDS		
	1927	1925	1919
Wool:			
In condition in which purchased, total	538, 990, 486	555, 262, 841	491, 728, 475
Connecticut	26, 730, 532	23, 167, 474	11, 707, 319
Maine	9, 889, 859	11, 502, 561	11, 345, 905
Massachusetts	157, 503, 970	152, 741, 797	163, 264, 869
New Hampshire	18, 462, 237	20, 303, 286	21, 728, 587
New Jersey	44, 433, 936	48, 552, 196	49, 577, 494
New York	72, 507, 156	78, 011, 595	49, 629, 245
Pennsylvania	93, 004, 026	105, 559, 728	78, 898, 288
Rhode Island	71, 334, 543	66, 929, 379	58, 637, 082
Other States	45, 124, 227	48, 494, 825	46, 939, 686
Domestic, total	285, 900, 786	261, 893, 253	253, 838, 421
Connecticut	9, 553, 215	10, 337, 710	6, 703, 814
Maine	6, 030, 828	6, 280, 085	6, 994, 166
Massachusetts	87, 830, 394	79, 794, 894	74, 574, 826
New Hampshire	12, 229, 954	9, 466, 239	10, 743, 702
New Jersey	28, 072, 862	30, 624, 246	28, 173, 174
New York	12, 672, 488	13, 800, 183	16, 386, 976
Pennsylvania	46, 745, 426	39, 176, 837	46, 483, 033
Rhode Island	43, 712, 499	37, 165, 136	38, 114, 858
Other States	39, 053, 120	35, 247, 923	25, 663, 872
Foreign, total	253, 089, 700	293, 369, 588	237, 890, 054
Connecticut	17, 177, 317	12, 829, 764	5, 003, 505
Maine	3, 859, 031	5, 222, 476	4, 351, 739
Massachusetts	69, 673, 576	72, 946, 903	88, 690, 043
New Hampshire	6, 232, 283	10, 837, 047	10, 984, 885
New Jersey	16, 361, 074	17, 927, 950	21, 404, 320
New York	59, 834, 668	64, 211, 412	33, 242, 269
Pennsylvania	46, 258, 600	66, 382, 891	32, 415, 255
Rhode Island	27, 622, 044	29, 764, 243	20, 522, 224
Other States	6, 071, 107	13, 246, 902	21, 275, 814
Equivalent in scoured condition, total	308, 329, 156	351, 067, 225	295, 388, 119
Connecticut	17, 917, 711	17, 443, 037	9, 562, 788
Maine	8, 927, 076	10, 479, 026	10, 227, 991
Massachusetts	94, 242, 566	96, 466, 887	100, 078, 489
New Hampshire	11, 301, 689	9, 250, 891	13, 875, 687
New Jersey	25, 006, 906	23, 937, 576	26, 037, 661
New York	48, 586, 216	54, 994, 114	28, 550, 910
Pennsylvania	49, 188, 779	67, 036, 874	44, 164, 079
Rhode Island	21, 461, 641	36, 063, 933	30, 642, 303
Other States	31, 696, 572	35, 394, 887	32, 248, 211
Hair: Mohair, camel, alpaca, vicuna, and other animal hair, total	62, 909, 554	69, 518, 341	54, 340, 349
Maine	4, 050, 315	6, 351, 861	4, 643, 969
Massachusetts	10, 325, 431	7, 773, 026	10, 844, 803
New York	3, 163, 783	3, 221, 970	5, 345, 661
Pennsylvania	8, 969, 565	14, 155, 175	13, 539, 537
Other States	36, 400, 460	38, 016, 309	19, 966, 379
Cotton, total	32, 821, 904	40, 188, 264	22, 682, 635
Maine	4, 230, 945	5, 214, 730	3, 295, 408
Massachusetts	6, 905, 786	11, 678, 006	5, 084, 568
New Hampshire	1, 185, 211	1, 377, 283	963, 908
New York	9, 236, 078	9, 216, 474	2, 788, 568
North Carolina	5, 290, 726	2, 825, 749	(1)
Pennsylvania	1, 534, 477	3, 443, 379	2, 913, 106
Other States	4, 438, 681	6, 432, 643	7, 637, 077

See footnotes at end of table.

TABLE 3.—PRINCIPAL MATERIALS USED IN WOOL MANUFACTURES, BY STATES: 1927, 1925, AND 1919—Continued

[See notes at head of this table, p. 409]

MATERIAL AND STATE	POUNDS		
	1927	1925	1919
Recovered wool fiber, total	31,839,261	40,345,188	37,532,275
Connecticut	1,384,832	1,815,679	3,909,777
Maine	3,571,233	5,048,984	8,397,918
Massachusetts	8,471,124	8,213,388	11,120,116
New Hampshire	6,249,071	12,879,820	(1)
Pennsylvania	1,919,595	2,888,242	2,436,905
Rhode Island	1,285,214	1,398,420	1,458,951
Vermont	1,413,080	1,121,414	(1)
Wisconsin	1,029,917	1,527,796	(1)
Other States	6,515,195	5,451,445	10,208,608
Waste and noils of wool, mohair, camel hair, etc., purchased, total	58,801,848	59,815,339	51,481,261
Connecticut	2,944,035	3,838,947	1,980,989
Maine	4,045,014	8,371,475	5,162,141
Massachusetts	19,215,892	18,898,010	15,582,931
New Hampshire	4,908,505	4,470,197	(1)
New Jersey	2,048,199	2,903,764	2,109,377
New York	6,296,478	5,541,551	4,167,529
Pennsylvania	5,420,891	5,142,284	8,749,369
Rhode Island	3,728,008	2,407,350	3,743,092
Other States	10,194,826	8,241,761	9,985,833
Silk waste and noils, total	4,073,087	5,550,413	1,795,961
Maine	797,654	856,202	(1)
Massachusetts	799,363	469,174	(1)
New Hampshire	1,008,290	1,765,933	(1)
Pennsylvania	192,736	89,890	(1)
Rhode Island	254,811	322,416	(1)
Other States	1,020,233	2,046,798	(1)
Tops, purchased, total	50,228,496	46,359,672	26,466,973
Maine	4,150,589	(2)	(1)
Massachusetts	15,103,280	17,000,566	6,766,376
New York	3,776,801	2,214,687	(1)
Pennsylvania	3,948,446	3,978,934	2,490,316
Rhode Island	18,313,032	15,584,868	12,085,309
Other States	4,936,348	7,580,617	5,124,972
Yarns, purchased, total	231,171,121	237,578,886	171,914,904
Connecticut	21,923,259	14,630,077	4,239,473
Maine	6,716,123	5,098,605	3,749,882
Massachusetts	49,016,749	45,898,510	36,417,315
New Hampshire	1,344,289	1,121,222	1,182,461
New Jersey	15,309,952	17,239,042	11,749,327
New York	42,325,089	47,976,037	31,086,613
Pennsylvania	68,864,121	84,747,577	58,078,206
Rhode Island	13,868,844	13,933,676	14,484,856
Other States	11,802,695	6,934,140	10,926,771
Woolen, total	35,414,957	37,246,261	25,759,406
Massachusetts	3,498,460	3,336,738	3,315,996
New Jersey	5,285,161	5,685,301	2,542,841
New York	1,518,387	2,027,852	1,582,377
Pennsylvania	21,994,451	22,839,739	16,829,854
Other States	3,118,498	3,356,631	1,488,338
Worsted, total	47,161,327	53,820,164	47,126,670
Connecticut	4,130,399	2,526,806	3,598,193
Massachusetts	18,054,855	21,279,064	14,735,188
New Jersey	4,453,064	4,138,509	5,229,676
New York	790,972	1,087,216	1,127,777
Pennsylvania	9,012,594	12,011,010	9,459,434
Rhode Island	9,474,485	11,547,528	11,790,315
Other States	1,244,958	1,230,031	1,186,087

See footnotes at end of table.

TABLE 3.—PRINCIPAL MATERIALS USED IN WOOL MANUFACTURES, BY STATES: 1927, 1925, AND 1919—Continued

[See notes at head of this table, p. 409]

MATERIAL AND STATE	POUNDS		
	1927	1925	1919
Yarns, purchased—Continued.			
Wool-and-cotton mixed, total	5,576,851	1,695,368	1,609,023
Massachusetts	3,158,370	----------	(1)
Pennsylvania	1,953,059	1,695,368	1,304,121
Other States	465,422	----------	304,902
Cotton, total	57,264,380	52,000,745	46,039,351
Connecticut	8,487,861	5,140,348	641,280
Maine	5,444,268	4,513,118	3,749,882
Massachusetts	11,565,719	11,664,023	15,024,251
New Hampshire	1,187,642	992,261	1,182,461
New Jersey	2,373,553	2,963,375	2,087,080
New York	6,694,259	5,616,092	5,892,876
Pennsylvania	13,745,475	16,307,179	12,372,351
Rhode Island	2,147,464	1,783,714	2,521,128
Other States	5,618,139	3,020,635	2,568,042
Silk and spun silk, total	1,918,231	718,845	542,587
Connecticut	904,138	119,450	(1)
Massachusetts	314,076	139,030	134,364
Pennsylvania	55,770	236,411	171,860
Rhode Island	224,699	76,274	109,099
Other States	419,548	147,680	127,264
Rayon, total	1,544,645	2,543,220	39,990
Massachusetts	260,461	1,598,063	6,848
Pennsylvania	263,858	474,567	19,258
Other States	1,020,326	470,590	13,884
Jute, total	67,625,906	80,673,475	47,389,342
Massachusetts	6,067,144	4,847,604	2,937,677
New Jersey	2,897,017	4,145,328	1,848,766
New York	32,077,109	38,862,682	21,640,033
Pennsylvania	20,261,759	28,073,448	16,559,254
Other States	6,322,877	4,744,413	4,403,612
Other yarns, total	14,664,824	8,880,808	3,408,535
Massachusetts	6,097,664	3,033,988	262,991
Pennsylvania	1,577,155	3,109,855	1,362,074
Other States	6,990,005	2,736,965	1,783,470

[1] No data.
[2] Included in figure for "Other States" to avoid disclosing consumption of individual establishments.

TABLE 4.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE WOOL-MANUFACTURES GROUP, BY STATES: 1927, 1925, AND 1923

[This table presents statistics for the principal States for which separate figures can be given without disclosing the output of individual establishments. Some of the "Other States," however, reported larger quantities and values of some classes of products than some of the States shown separately]

CLASS AND STATE	QUANTITY						VALUE		
	1927		1925		1923		1927	1925	1923
	Pounds	*Square yards*	*Pounds*	*Square yards*	*Pounds*	*Square yards*			
Aggregate value							$1,036,143,196	[1]$1,198,293,372	$1,312,719,242
Suitings, dress goods, overcoatings, and cloakings, total	251,695,989	443,918,414	262,822,396	461,167,753	314,456,377	512,198,531	489,833,895	566,674,525	657,307,865
Connecticut	15,396,697	22,873,583	14,770,656	23,525,911	17,827,604	24,065,050	31,784,015	34,772,349	37,581,838
Maine	18,604,454	29,364,436	22,315,044	33,652,316	24,524,068	30,371,793	27,580,113	35,042,302	36,960,303
Massachusetts	94,190,788	165,922,778	96,773,391	174,540,363	117,876,776	201,504,561	179,261,236	200,612,982	244,408,911
New Hampshire	23,041,419	40,875,141	15,480,370	27,675,427	17,202,268	27,374,138	32,210,158	25,401,601	24,690,485
New Jersey	11,041,253	23,415,707	11,441,767	27,942,716	17,523,607	31,220,257	33,267,779	50,805,587	57,306,002
New York	8,944,721	14,646,295	8,462,366	14,456,341	11,374,877	18,759,726	20,699,985	21,686,806	25,763,805
Pennsylvania	19,161,541	31,113,843	20,342,478	35,643,422	24,147,148	41,657,264	38,462,738	47,031,768	58,979,565
Rhode Island	29,463,552	64,881,898	30,736,937	56,502,746	34,963,891	59,585,522	74,552,754	76,920,545	93,753,432
Other States	31,851,564	50,824,733	42,499,387	67,228,511	49,016,138	77,651,220	52,015,117	74,400,585	77,863,524
All-wool woolen, total	96,328,803	136,635,181	105,257,724	153,568,014	133,016,173	172,086,644	167,483,716	199,336,369	231,285,077
Connecticut	11,291,404	16,003,471	11,340,916	18,041,292	13,946,027	17,765,863	22,158,879	25,381,755	25,381,106
Maine	12,053,752	17,361,093	16,358,283	23,684,567	21,284,836	23,516,759	19,293,194	29,340,341	33,741,068
Massachusetts	28,455,998	38,161,043	30,905,740	45,978,573	37,175,404	50,231,289	46,218,474	57,269,868	64,866,398
New Hampshire	11,212,466	17,706,498	10,504,120	17,638,782	11,559,268	15,761,192	17,681,195	19,144,317	19,200,750
New Jersey	2,200,022	3,055,683	1,105,898	1,676,435	1,104,660	1,888,296	5,918,795	4,025,415	4,534,590
New York	5,294,522	7,761,801	4,797,909	6,842,562	6,093,881	8,662,924	11,583,641	11,812,184	12,434,781
Pennsylvania	4,754,168	5,949,056	5,591,059	7,736,902	8,066,378	10,500,270	9,320,811	8,456,004	13,395,494
Rhode Island	4,853,477	8,517,268	5,188,671	6,499,911	12,109,447	19,165,083	7,898,295	9,021,582	25,396,837
Other States	16,212,994	22,119,268	19,465,128	25,468,990	21,676,272	24,594,968	27,410,432	34,884,903	32,334,053
All-wool worsted, total	81,896,439	173,754,429	82,803,391	179,162,874	107,658,297	210,988,102	231,998,202	275,617,190	333,959,378
Connecticut	2,819,022	4,871,414	1,835,144	3,520,388	2,487,441	4,441,820	8,386,122	7,470,012	9,764,611
Massachusetts	34,120,982	69,642,643	33,736,413	71,581,893	47,353,812	93,248,949	95,514,888	107,344,317	142,368,651
New Jersey	7,933,412	19,140,643	10,335,869	26,266,281	16,180,949	29,005,995	26,413,674	46,780,172	52,562,635
New York	2,593,618	4,800,337	2,440,968	5,469,345	3,545,604	7,712,306	7,033,836	8,380,580	11,512,877
Pennsylvania	5,654,340	10,413,592	7,363,405	15,435,756	9,890,162	19,718,557	17,580,079	26,329,273	34,602,549
Rhode Island	20,239,915	46,964,451	19,508,424	40,162,120	17,742,687	32,545,335	57,815,112	60,624,527	59,424,489
Other States	8,535,150	17,921,349	7,583,168	16,727,091	10,457,642	24,315,140	19,254,491	18,688,309	23,723,566

Wool-and-cotton mixed, total	19, 950, 198	30, 432, 771	17, 016, 594	26, 124, 408	17, 993, 303	24, 732, 315	20, 843, 583	25, 942, 503	26, 261, 240
Massachusetts	7, 996, 227	11, 150, 522	2, 555, 871	3, 711, 364	5, 796, 809	6, 918, 615	5, 742, 175	3, 107, 648	8, 024, 329
Pennsylvania	4, 475, 304	6, 774, 015	4, 696, 651	7, 344, 312	3, 010, 728	4, 972, 840	5, 187, 352	8, 483, 282	6, 258, 947
Other States	7, 478, 667	12, 508, 234	9, 764, 072	15, 068, 732	9, 185, 766	12, 840, 860	9, 914, 056	14, 351, 573	11, 977, 964
Cotton-warp woolen, total	29, 535, 457	46, 609, 011	40, 159, 170	60, 933, 611	38, 821, 030	63, 203, 062	24, 785, 326	40, 029, 187	37, 001, 670
Maine	3, 755, 794	5, 235, 064	5, 956, 761	9, 967, 749	2, 546, 078	5, 943, 963	2, 641, 405	5, 701, 961	2, 651, 634
Massachusetts	12, 512, 225	18, 145, 145	20, 472, 522	28, 711, 243	20, 250, 312	28, 683, 431	10, 031, 297	18, 972, 613	17, 406, 295
New Hampshire	4, 592, 746	9, 759, 229	3, 695, 082	8, 287, 754	4, 537, 934	10, 214, 946	3, 742, 730	4, 314, 160	4, 174, 282
Pennsylvania	2, 784, 160	4, 430, 992	1, 578, 340	2, 354, 929	1, 682, 739	3, 426, 480	2, 610, 630	1, 839, 045	2, 150, 753
Other States	5, 890, 532	9, 038, 581	8, 456, 465	11, 611, 936	9, 803, 967	14, 934, 242	5, 759, 264	9, 201, 408	10, 618, 706
Cotton-warp worsted, total	9, 055, 249	26, 888, 903	17, 585, 517	41, 378, 846	16, 967, 574	41, 188, 408	14, 341, 769	25, 749, 276	28, 800, 500
Massachusetts	5, 761, 900	18, 416, 412	9, 102, 845	24, 557, 290	7, 300, 439	22, 422, 277	9, 149, 481	13, 918, 536	11, 743, 238
Pennsylvania	548, 586	1, 254, 000	1, 113, 023	2, 771, 523	1, 497, 141	3, 039, 117	1, 098, 692	1, 924, 164	2, 571, 822
Other States	2, 744, 763	7, 218, 491	7, 369, 649	14, 050, 033	8, 169, 994	15, 727, 014	4, 093, 596	9, 906, 576	14, 485, 440
Other suitings, total	14, 929, 843	29, 598, 119	(2)	(2)	(2)	(2)	30, 381, 299	(2)	(2)
Maine	2, 493, 424	6, 296, 884	(2)	(2)	(2)	(2)	5, 008, 363	(2)	(2)
Massachusetts	5, 343, 456	10, 407, 013	(2)	(2)	(2)	(2)	12, 604, 921	(2)	(2)
Pennsylvania	944, 983	2, 292, 188	(2)	(2)	(2)	(2)	2, 665, 174	(2)	(2)
Other States	6, 147, 980	10, 602, 034	(2)	(2)	(2)	(2)	10, 102, 841	(2)	(2)
Domett flannels and shirtings, total	4, 163, 069	8, 413, 356	2, 907, 735	7, 205, 582	2, 855, 576	6, 154, 684	3, 626, 505	3, 439, 996	2, 595, 279
Vermont	1, 518, 621	3, 015, 967	(3)	(3)	(3)	(3)	1, 201, 522	(3)	(3)
Other States	2, 644, 448	5, 397, 389	2, 907, 735	7, 205, 582	2, 855, 576	6, 154, 684	2, 424, 983	3, 439, 996	2, 595, 279
Satinets and linseys, total	2, 198, 782	3, 973, 651	7, 826, 186	11, 877, 015	3, 833, 126	6, 107, 064	1, 281, 783	4, 244, 228	2, 278, 151
Massachusetts	1, 408, 751	2, 410, 214	3, 814, 925	6, 135, 997	2, 313, 477	3, 631, 345	871, 483	2, 207, 671	1, 279, 613
Other States	790, 031	1, 563, 437	4, 011, 261	5, 741, 018	1, 519, 649	2, 475, 719	410, 300	2, 036, 557	998, 538
Blankets, all-wool, total	10, 618, 104	19, 343, 118	8, 050, 404	12, 472, 703	8, 722, 956	13, 259, 461	14, 202, 925	12, 751, 788	10, 700, 046
Massachusetts	1, 325, 096	1, 706, 300	(3)	(3)	(3)	(3)	1, 015, 964	(3)	(3)
Ohio	1, 382, 884	4, 838, 948	948, 234	1, 574, 717	689, 378	1, 222, 455	2, 069, 391	1, 456, 753	945, 457
Pennsylvania	1, 028, 814	1, 578, 192	671, 856	1, 029, 273	806, 610	1, 571, 426	1, 523, 583	1, 029, 654	1, 124, 449
Tennessee	1, 239, 123	1, 584, 572	964, 980	1, 702, 793	(2)	(2)	1, 413, 228	1, 639, 836	(2)
Other States	5, 642, 187	9, 635, 016	5, 465, 334	8, 165, 920	7, 226, 968	10, 465, 580	8, 180, 759	8, 625, 545	8, 630, 140
Blankets, cotton-mixed, total	6, 814, 804	12, 091, 285	5, 058, 469	8, 097, 783	5, 500, 253	8, 854, 138	4, 858, 922	5, 174, 672	5, 286, 373
Maine	4, 629, 738	8, 045, 468	(3)	(3)	(3)	(3)	3, 154, 734	(3)	(3)
Other States	2, 185, 066	4, 045, 817	5, 058, 469	8, 097, 783	5, 500, 253	8, 854, 138	1, 704, 188	5, 174, 672	5, 286, 373

See footnotes at end of table.

TABLE 4.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE WOOL-MANUFACTURES GROUP, BY STATES: 1927, 1925, AND 1923—Continued

[See note at head of this table, p. 412]

CLASS AND STATE	QUANTITY						VALUE		
	1927		1925		1923		1927	1925	1923
	Pounds	*Square yards*	*Pounds*	*Square yards*	*Pounds*	*Square yards*			
Blankets, cotton-warp, total	10, 599, 352	19, 915, 630	9, 346, 463	15, 070, 065	8, 193, 209	12, 201, 060	$6, 909, 492	$7, 410, 534	$6, 148, 792
North Carolina	7, 655, 336	15, 215, 147	(3)	(3)	(3)	(3)	4, 218, 657	(3)	(3)
Oregon	388, 278	811, 831	(3)	(3)	(3)	(3)	1, 074, 291	(3)	(3)
Other States	2, 555, 738	3, 888, 652	9, 346, 463	15, 070, 065	8, 193, 209	12, 201, 060	1, 616, 544	7, 410, 534	6, 148, 792
Horse blankets	1, 206, 809	1, 068, 644	1, 578, 780	1, 409, 513	2, 497, 525	2, 475, 356	631, 014	786, 560	1, 338, 551
Other woolen and worsted woven goods, total	28, 818, 624	44, 386, 102	38, 072, 104	64, 247, 614	35, 649, 056	71, 895, 476	53, 644, 444	75, 430, 883	66, 258, 399
Upholstery materials and automobile linings, except pile fabrics	3, 060, 255	4, 249, 635	(2)	(3)	(2)	(2)	6, 806, 189	(2)	(2)
Pile fabrics (except cloakings), total	16, 640, 654	14, 409, 947	(2)	(2)	(2)	(2)	31, 188, 754	(2)	(2)
Mohair	14, 381, 122	12, 277, 475	(2)	(2)	(2)	(2)	28, 138, 395	(2)	(2)
Wool	2, 154, 832	2, 038, 851	(2)	(2)	(2)	(2)	2, 886, 364	(2)	(2)
Other pile fabrics	104, 700	93, 621	(2)	(2)	(2)	(2)	163, 995	(2)	(2)
Goods unclassified	9, 117, 715	25, 726, 520	(2)	(2)	(2)	(2)	15, 649, 501	(2)	(2)
Carpets and rugs, total		67, 192, 933		72, 100, 609		83, 242, 463	163, 217, 310	[1] 181, 884, 186	192, 157, 473
Massachusetts		9, 054, 203		8, 392, 232		9, 686, 869	22, 430, 456	23, 367, 854	23, 315, 905
New Jersey		3, 558, 782		(3)		(3)	11, 608, 038	(3)	(3)
New York		31, 290, 813		30, 116, 935		32, 438, 924	67, 303, 692	74, 967, 080	69, 566, 460
Pennsylvania		17, 049, 865		25, 706, 793		30, 941, 867	44, 137, 751	58, 573, 152	67, 653, 152
Other States		6, 239, 270		7, 884, 649		10, 174, 803	17, 737, 373	[1] 24, 976, 100	31, 621, 956
Felt goods, total	58, 470, 407		57, 684, 289		56, 637, 249		39, 014, 473	40, 591, 057	39, 888, 978
Connecticut	2, 944, 942		3, 106, 045		4, 170, 270		2, 176, 485	3, 245, 202	3, 177, 105
Massachusetts	9, 319, 944		8, 848, 181		12, 358, 913		8, 372, 286	8, 191, 543	9, 119, 558
New Jersey	12, 327, 405		14, 116, 865		9, 304, 581		3, 476, 442	3, 474, 958	2, 896, 299
New York	9, 370, 134		7, 901, 176		8, 113, 138		12, 075, 700	11, 935, 716	10, 717, 225
Other States	24, 507, 982		23, 712, 022		22, 690, 347		12, 913, 560	13, 743, 638	13, 078, 791

Wool-felt hats (finished and in the rough), total		*Dozens* 765,127		*Dozens* 558,471		*Dozens* 513,147	8,261,764	7,687,643	7,661,047
Pennsylvania		243,601		188,426		213,437	2,363,189	1,975,582	2,170,842
Other States		521,526		370,045		299,710	5,898,575	5,712,061	5,490,205
Yarns for sale, total	147,366,823		152,571,059		181,952,151		184,350,831	211,537,081	253,495,883
Maine	3,245,999		1,804,198		2,610,678		3,230,914	2,629,254	3,785,984
Massachusetts	33,207,043		33,312,710		40,496,232		44,849,385	51,566,173	59,751,959
New Jersey	12,405,070		10,116,568		12,738,482		16,078,903	17,622,117	24,107,495
New York	4,350,361		3,327,360		5,566,430		3,805,108	3,954,173	7,162,918
Pennsylvania	55,090,359		61,868,747		76,491,816		54,446,323	65,385,449	80,710,385
Rhode Island	29,596,211		31,414,645		32,340,207		50,667,118	57,918,307	63,075,742
Wisconsin	422,840		378,871		731,623		387,510	542,130	1,064,131
Other States	9,048,940		10,347,960		10,976,683		10,885,570	11,919,478	13,837,269
Woolen, total	42,706,791		44,449,281		49,577,202		31,667,593	34,357,596	33,049,421
Massachusetts	3,455,331		3,375,496		3,889,912		2,682,798	2,823,075	3,794,088
Pennsylvania	28,116,179		32,680,573		37,330,389		17,018,311	21,786,782	21,692,228
Rhode Island	2,929,774		2,475,426		1,056,297		4,368,311	4,495,963	1,175,488
Other States	8,205,507		5,917,786		7,300,604		7,598,173	5,251,776	6,387,617
Worsted, total	81,883,346		83,419,345		113,467,590		125,560,571	144,501,462	191,568,782
Massachusetts	22,994,188		24,614,683		31,756,748		33,313,793	40,767,713	48,539,632
New Jersey	8,867,564		8,575,677		11,391,742		12,786,631	16,105,405	22,655,073
New York	1,393,795		1,170,795		3,509,379		2,335,395	2,177,787	6,067,234
Pennsylvania	22,887,523		22,781,307		31,439,131		33,538,168	36,634,919	47,151,811
Rhode Island	18,932,823		20,008,071		27,480,053		34,184,329	38,924,699	54,088,849
Other States	6,807,453		6,268,812		7,890,537		9,402,255	9,890,939	13,066,183
Wool-and-cotton mixed, total	9,750,909		19,409,003		11,493,458		8,943,595	25,927,433	17,434,893
Massachusetts	1,649,317		2,428,132		2,902,440		1,775,897	3,930,177	3,988,677
Pennsylvania	3,211,257		5,665,379		5,244,357		2,920,770	5,806,120	8,670,406
Rhode Island	2,933,875		8,640,299		1,964,626		3,345,580	13,777,271	3,721,393
Other States	1,956,460		2,675,193		1,382,035		901,348	2,413,865	1,054,417
Other yarns, total	13,025,777		5,293,430		7,413,901		18,179,072	6,750,590	11,442,787
Massachusetts	5,108,207		2,894,399		1,947,132		7,076,897	4,045,208	3,429,562
Other States	7,917,570		2,399,031		5,466,769		11,102,175	2,705,382	8,013,225
Noils and wool waste, for sale, total	49,809,499		44,630,005		55,826,915		18,733,525	18,166,758	19,362,318
Massachusetts	20,725,213		20,933,375		25,278,548		6,429,779	7,488,835	8,096,688
New Jersey	5,643,255		4,234,210		6,183,252		3,039,785	2,093,161	2,417,384
New York	2,023,456		2,369,996		2,101,256		747,790	1,047,187	940,989
Pennsylvania	5,947,629		4,909,349		6,181,248		2,726,157	2,455,001	2,829,006
Rnode Island	9,202,408		6,033,234		7,482,810		3,747,503	3,316,903	3,681,211
Other States	6,267,538		6,149,841		8,599,801		2,042,511	1,765,671	1,397,040

See footnotes at end of table.

TABLE 4.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE WOOL-MANUFACTURES GROUP, BY STATES: 1927, 1925, AND 1923—Continued

[See note at head of this table, p. 412]

CLASS AND STATE	QUANTITY						VALUE		
	1927		1925		1923		1927	1925	1923
	Pounds	*Dozens*	*Pounds*	*Dozens*	*Pounds*	*Dozens*			
Other products, value, and amounts received for contract work, total							$47,576,313	$62,513,461	$48,240,087
Connecticut							5,048,832	2,612,735	1,059,949
Massachusetts							22,403,406	21,653,588	17,165,480
New York							4,183,388	2,033,863	2,037,793
Pennsylvania							5,568,316	13,539,709	15,285,970
Rhode Island							7,114,420	7,285,584	6,840,779
Other States							3,257,951	15,387,982	5,850,116

[1] Revised. [2] No comparable figures. [3] Included in "Other States" to avoid disclosing the output of individual establishments.

TABLE 5.—MACHINERY IN WOOL MANUFACTURES: 1909 TO 1927

[No data for machinery called for on schedules for 1923 and 1921. See "Monthly statistics," Table 2, p. 454]

KIND	NUMBER						
	1927			1925 [1]	1919	1914	1909
	Total	Active	Idle	Active and idle	Active	Active	Active
Woolen cards (sets) [2]	5,780	5,525	255	6,140	5,835	5,382	5,555
Wool-combing machines	2,838	2,578	260	2,733	2,294	2,425	2,120
Spindles [3]	5,976,750	5,603,768	372,982	6,126,029	5,242,613	5,006,286	4,570,089
Looms (power and hand) [4]	76,335	65,737	10,598	80,670	77,338	76,789	73,268
Pickers	1,039	1,001	38	1,125	1,223	1,392	1,565
Garnett machines	183	169	14	206	211	221	251
Gill boxes	4,696	4,178	518	(5)	(5)	(5)	(5)

[1] Active and idle machinery not separately reported for 1925.
[2] Includes shoddy cards.
[3] Woolen, worsted, shoddy, and cotton spindles. (See Table 7.)
[4] Exclusive of carpet and rug looms. (See Table 7.)
[5] Not called for on schedule.

TABLE 6.—SETS OF WOOLEN CARDS (INCLUDING SHODDY CARDS), BY WIDTH, USED IN WOOL MANUFACTURES, FOR THE UNITED STATES, 1909 TO 1927, AND FOR STATES, 1927

[No data for machinery called for on schedules for 1923 and 1921. See "Monthly statistics," Table 2, p. 454]

STATE	Total	Under 40-inch	40-inch [1]	48-inch	60-inch [2]	Over 60-inch
United States:						
1927	5,525	126	517	2,820	1,881	181
1925 [3]	6,140	129	570	3,062	2,206	173
1919	5,835	132	756	3,241	1,598	108
1914	5,382	113	820	2,366	1,272	[4] 811
1909	5,555	146	819	2,624	1,328	[4] 638
California	20			2	15	3
Connecticut	476		39	357	69	11
Georgia	40		1	14	25	
Illinois	78		11	21	46	
Indiana	45			42	3	
Iowa	14			14		
Kentucky	25		1	1	23	
Maine	516		43	358	115	
Maryland	25			14	11	
Massachusetts	1,437	58	198	715	414	52
Michigan	57			47	10	
Minnesota	45	1	16	24	4	
Missouri	9			6	3	
New Hampshire	378	2	67	271	38	
New Jersey	173			48	54	71
New York	777	23	103	416	213	22
North Carolina	45			3	42	
Ohio	90	1		21	66	2
Oregon	45		1	23	16	5
Pennsylvania	600	41	3	97	458	1
Rhode Island	239			144	87	8
Tennessee	74			17	57	
Utah	7			7		
Vermont	148		12	91	45	
Virginia	37			9	28	
Washington	8			8		
West Virginia	29		3	6	20	
Wisconsin	88		19	44	19	6

[1] Includes data for cards between 40 and 48 inches, as follows: For 1927, 112 sets; for 1925, 49; for 1919, 85; for 1914, 104; for 1909, 117.
[2] Includes data for cards between 48 and 60 inches, as follows: For 1927, 50 sets; for 1925, 56; for 1919, 19; for 1914, 2; for 1909, 8.
[3] Not strictly comparable with other years. Includes data for all cards in plants (active and idle not reported separately).
[4] Includes data for sets of woolen cards, not distributed by width, as follows: For 1914, 742; for 1909, 456,

TABLE 7.—MACHINERY IN WOOL MANUFACTURES, BY INDUSTRIES: 1927 AND 1925 [1]

KIND	WOOL MANUFACTURES				WOOLEN GOODS			
	1927			1925	1927			1925
	Total	Active	Idle	Active and idle	Total	Active	Idle	Active and idle
Cards, number, total	8,563	8,185	378	8,926	[2] 4,351	[2] 4,175	[2] 176	[2] 4,563
Woolens [3]	5,780	5,525	255	6,140	4,157	3,983	174	4,493
Worsted	2,344	2,221	123	2,431	70	68	2	27
Cotton	439	439	----------	355	124	124	----------	43
Spindles, total	5,976,750	5,603,768	372,982	6,126,029	2,014,078	1,934,988	79,090	2,021,957
Woolen [4]	2,189,184	2,093,254	95,930	2,258,436	1,792,048	1,717,124	74,924	1,897,145
Worsted	3,657,646	3,386,066	271,580	3,714,573	200,482	196,316	4,166	101,580
Cotton	129,920	124,448	5,472	153,020	21,548	21,548	----------	23,232
Mule spinning, total	2,909,626	2,755,089	154,537	2,983,861	1,709,964	1,640,107	69,857	1,830,958
Woolen [4]	2,056,610	1,967,499	89,111	2,160,915	1,696,584	1,626,727	69,857	1,827,058
Worsted	845,552	780,126	65,426	822,946	5,916	5,916	----------	3,900
Cotton	7,464	7,464	----------	----------	7,464	7,464	----------	----------
Frame spinning, total	2,107,222	1,942,856	164,366	2,175,945	199,068	195,228	3,840	97,523
Woolen [4]	37,342	34,788	2,554	16,107	19,458	16,904	2,554	5,313
Worsted	1,952,648	1,796,308	156,340	2,012,106	166,126	164,840	1,286	68,978
Cotton	117,232	111,760	5,472	147,732	13,484	13,484	----------	23,232
Doubling and twisting, total	959,902	905,823	54,079	966,223	105,046	99,653	5,393	93,476
Woolen	95,232	90,967	4,265	81,414	76,006	73,493	2,513	64,774
Worsted	859,446	809,632	49,814	879,521	28,440	25,560	2,880	28,702
Cotton	5,224	5,224	----------	5,288	600	600	----------	----------
Power looms:								
Looms, except carpet and rug, total	76,183	65,598	10,585	80,553	28,682	27,245	1,437	31,190
Broad (64 inches and over, reed space), total	54,459	49,091	5,368	57,104	22,614	21,443	1,171	24,601
Automatic	18,099	16,519	1,580	17,220	4,608	4,423	185	5,143
Other than automatic	36,360	32,572	3,788	39,884	18,006	17,020	986	19,458
Medium (50 to 64 inches), total	9,782	6,806	2,976	5,393	673	658	15	645
Automatic	6,186	3,958	2,228	3,336	76	67	9	267
Other than automatic	3,596	2,848	748	2,057	597	591	6	378

Narrow (under 50 inches), total	11,942	9,701	2,241	18,056	5,395	5,144	251	5,944
Automatic	4,459	3,623	836	8,023	650	650		747
Other than automatic	7,483	6,078	1,405	10,033	4,745	4,494	251	5,197
Carpet and rug looms, total [5]	9,980	8,009	1,971	10,288				
Carpet looms	3,203	2,725	478	5,862				
Rug looms	6,777	5,284	1,493	4,426				
Hand looms	152	139	13	117	116	113	3	65
Wool-combing machines, total	2,838	2,578	260	2,733	78	75	3	80
American manufacture, total	753	688	65	805	7	7		5
English (or Bradford)	702	640	62	734	7	7		5
Other	51	48	3	71				
Foreign manufacture, total	2,085	1,890	195	1,928	71	68	3	75
English (or Bradford)	1,349	1,246	103	1,248	47	44	3	51
French	736	644	92	680	24	24		24
Gill boxes, total	4,696	4,178	518	(6)	207	192	15	(6)
American	1,114	1,052	62	(6)	34	34		(6)
Foreign	3,582	3,126	456	(6)	173	158	15	(6)
Braiding machines	106	92	14	54	12	12		17
Pickers	1,039	1,001	38	1,125	725	694	31	849
Garnett machines	183	169	14	206	68	61	7	101

See footnotes at end of table.

TABLE 7.—MACHINERY IN WOOL MANUFACTURES, BY INDUSTRIES: 1927 AND 1925 [1]—Continued

KIND	WORSTED GOODS				CARPETS AND RUGS				FELT GOODS AND WOOL-FELT HATS			
	1927			1925	1927			1925	1927			1925
	Total	Active	Idle	Active and idle	Total	Active	Idle	Active and idle	Total	Active	Idle	Active and idle
Cards, number, total	2,763	2,635	128	2,863	897	852	45	856	552	523	29	644
Woolen [3]	372	351	21	289	700	669	31	714	551	522	29	644
Worsted	2,146	2,039	107	2,262	127	113	14	142	1	1		
Cotton	245	245		312	70	70						
Spindles, total	3,649,283	3,383,637	265,646	3,817,174	262,094	235,458	26,636	235,355	51,295	49,685	1,610	51,543
Woolen [4]	199,395	193,275	6,120	171.003	146,446	133,170	13,276	138,745	51,295	49,685	1,610	51,543
Worsted	3,356,748	3,102,694	254,054	3,516,383	100,416	87,056	13,360	96,610				
Cotton	93,140	87,668	5,472	129,788	15,232	15,232						
Mules spinning, total	1,018,075	947,549	70,526	963,977	133,014	120,470	12,544	138,423	48,573	46,963	1,610	50,503
Woolen [4]	178,439	173,339	5,100	154,989	133,014	120.470	12,544	128,365	48,573	46,963	1,610	50,503
Worsted	839,636	774,210	65,426	808,988				10,058				
Cotton												
Frame spinning, total	1,819,370	1,668,116	151.254	2,010,882	86,804	77,532	9,272	67,080	1,980	1,980		460
Woolen [4]	15,400	15,400		10,334	504	504			1,980	1,980		460
Worsted	1,710,830	1,565,048	145,782	1,876,048	75,692	66,420	9,272	67,080				
Cotton	93,140	87,668	5,472	124,500	10,608	10,608						
Doubling and twisting, total	811,838	767,972	43,866	842,315	42,276	37,456	4,820	29,852	742	742		580
Woolen	5,556	4,536	1,020	5,680	12,928	12,196	732	10,380	742	742		580
Worsted	806,282	763,436	42,846	831,347	24,724	20,636	4,088	19,472				
Cotton				5,288	4,624	4,624						
Power looms:												
Looms, except carpet and rug, total	46,276	37,440	8,836	48,240	433	146	287	430	792	767	25	693
Broad (64 inches and over, reed space), total	31,048	26,880	4,168	31,710	69	64	5	128	728	704	24	665
Automatic	13,229	11,859	1,370	11,860	69	64	5	128	193	173	20	89
Other than automatic	17,819	15,021	2,798	19,850					535	531	4	576

Medium (50 to 64 inches), total	8,800	6,019	2,781	4,694	262	82	180	38	47	47		16
Automatic	6,060	3,841	2,219	3,029	12	12		38	38	38		2
Other than automatic	2,740	2,178	562	1,665	250	70	180		9	9		14
Narrow (under 50 inches), total	6,428	4,541	1,887	11,836	102		102	264	17	16	1	12
Automatic	3,806	2,971	835	7,227				48	3	2	1	1
Other than automatic	2,622	1,570	1,052	4,609	102		102	216	14	14		11
Carpet and rug looms, total [5]					9,980	8,009	1,971	10,288				
Carpet looms					3,203	2,725	478	5,862				
Rug looms					6,777	5,284	1,493	4,426				
Hand looms	36	26	10	11				41				
Wool-combing machines, total	2,674	2,430	244	2,557	86	73	13	96				
American manufacture, total	700	646	54	734	46	35	11	66				
English (or Bradford)	649	598	51	663	46	35	11	66				
Other	51	48	3	71								
Foreign manufacture, total	1,974	1,784	190	1,823	40	38	2	30				
English (or Bradford)	1,262	1,164	98	1,167	40	38	2	30				
French	712	620	92	656								
Gill boxes, total	4,337	3,867	470	(6)	152	119	33	(6)				
American	1,034	972	62	(6)	46	46		(6)				
Foreign	3,303	2,895	408	(6)	106	73	33	(6)				
Braiding machines	30	18	12		62	62		35	2		2	2
Pickers	123	118	5	94	79	78	1	92	112	111	1	90
Garnett machines	26	24	2	21	38	34	4	50	51	50	1	34

[1] Active and idle machinery not separately reported for 1925.
[2] Sets of cards.
[3] Includes shoddy cards.
[4] Includes shoddy spindles.
[5] For distribution by kind of looms, see Tables 5 and 6, under "Carpets and rugs, wool," pp. 437 and 438.
[6] Not called for on schedule.

TABLE 8.—ACTIVE AND IDLE MACHINERY IN WOOL MANUFACTURES, BY STATES: 1927

KIND	United States	Connecticut	Georgia	Illinois	Indiana	Maine	Maryland	Massachusetts	Michigan	Minnesota	New Hampshire	New Jersey
ACTIVE AT ANY TIME WITHIN THE CENSUS YEAR												
Cards, total number	8,185	512	63	78	45	590	25	2,654	57	45	448	369
Woolen [1]	5,525	476	40	78	45	516	25	1,437	57	45	378	173
Worsted	2,221	36				24		937			70	196
Cotton	439		23			50		280				
Spindles, total	5,603,768	235,991	25,826	18,679	23,594	393,116	11,478	1,968,597	25,544	14,586	246,109	312,564
Woolen [2]	2,093,254	193,933	19,566	14,529	23,594	217,040	11,478	548,133	25,544	14,586	143,715	66,882
Worsted	3,386,066	42,008	636	4,150		173,016		1,319,932			102,394	245,682
Cotton	124,448		5,624			3,060		100,532				
Mule spindles	2,755,089	181,901	18,146	13,281	22,318	224,244	11,118	839,351	23,328	13,916	148,179	159,946
Frame spindles	1,942,856	29,368	6,248	3,968		139,034		826,137			78,002	94,112
Doubling and twisting spindles	905,823	24,722	1,432	1,430	1,276	29,838	360	303,109	2,216	670	19,928	58,506
Power looms, except carpet and rug, total	65,598	3,574	401	240	310	4,821	326	25,163	262	136	3,913	3,298
Automatic	24,100	262	36			1,597		11,794	75	4	1,581	1,456
Other than automatic	41,498	3,312	365	240	310	3,224	326	13,369	187	132	2,332	1,842
Broad	49,091	2,951	145	240	262	3,454	172	16,026	262	136	3,780	2,952
Medium	6,806	268	56			505		4,280			49	344
Narrow	9,701	355	200		48	862	154	4,857			84	2
Power looms, carpet and rug	8,009	597						1,311				531
Hand looms	139							16				28
Gill boxes, total	4,178	44	19			215		1,436			150	339
American	1,052	15				64		265			54	44
Foreign	3,126	29	19			151		1,171			96	295
Wool-combing machines	2,578	18				48		1,034	1		94	359
Pickers	1,001	83	7	26	10	105	7	306	6	10	53	30
Garnett machines	169	16		4	1	5	2	31	3	1	4	26

IDLE THROUGHOUT THE CENSUS YEAR

Cards, total number	378	7			2	10		113	2	9	26	52
Woolen [1]	255	7			2	10		84	2	9	26	21
Worsted	123							29				31
Cotton												
Spindles, total	372,982	1,580	399		15,408	12,298		146,035	600	2,492	4,996	51,748
Woolen [2]	95,930	1,580	399		15,408	6,458		21,954	600	2,492	3,996	6,872
Worsted	271,580					5,840		118,609			1,000	44,876
Cotton	5,472							5,472				
Mule spindles	154,537	1,484	399		15,000	3,944		41,370	600	2,492	3,996	36,722
Frame spindles	164,366					2,954		88,401			1,000	9,336
Doubling and twisting spindles	54,079	96			408	5,400		16,264				5,690
Power looms, except carpet and rug, total	10,585	102				100	4	4,967	7	45	122	2,602
Automatic	4,644	10						2,973	3	9	8	1,076
Other than automatic	5,941	92				100	4	1,994	4	36	114	1,526
Broad	5,368	88				94	4	2,037	7	45	122	1,632
Medium	2,976					6		1,540				970
Narrow	2,241	14						1,390				
Power looms, carpet and rug	1,971	243						60				57
Hand looms	13							3				
Gill boxes, total	518					14		247				9
American	62							6				
Foreign	456					14		241				9
Wool-combing machines	260							70			2	58
Pickers	38	2				3		3	1			20
Garnett machines	14	2				3		2				

See footnotes at end of table.

TABLE 8.—ACTIVE AND IDLE MACHINERY IN WOOL MANUFACTURES, BY STATES: 1927—Continued

KIND	New York	North Carolina	Ohio	Oregon	Pennsylvania	Rhode Island	Tennessee	Vermont	Virginia	West Virginia	Wisconsin	Other States [3]
ACTIVE AT ANY TIME WITHIN THE CENSUS YEAR												
Cards, total number	979	45	159	51	928	629	74	148	37	33	93	123
Woolen [1]	777	45	90	45	600	239	74	148	37	29	88	83
Worsted	132		69	6	312	390				4	5	40
Cotton	70				16							
Spindles, total	374,491	20,800	86,774	26,187	619,131	933,720	39,777	75,055	23,184	20,448	31,710	76,407
Woolen [2]	182,937	20,800	36,876	20,807	222,388	128,888	39,777	61,555	18,684	16,660	28,566	36,266
Worsted	176,322		49,898	5,380	396,743	804,832		13,500	4,500	3,788	3,144	40,141
Cotton	15,232											
Mule spindles	198,480	20,800	31,844	19,991	307,565	320,650	39,777	61,395	18,013	16,360	29,120	35,366
Frame spindles	109,328		39,504	3,980	203,835	362,964		10,000	2,800	2,568	1,200	29,808
Doubling and twisting spindles	66,683		15,426	2,216	107,731	250,106		3,660	2,371	1,520	1,390	11,233
Power looms, except carpet and rug, total	2,829	458	1,420	341	5,888	7,953	912	1,773	292	229	353	706
Automatic	767	384	668	164	1,165	2,980	133	676	43	12	43	260
Other than automatic	2,062	74	752	177	4,723	4,973	779	1,097	249	217	310	446
Broad	2,315	458	1,392	310	3,867	7,155	296	1,505	225	228	337	623
Medium	222		10	30	580	299	40		67		11	45
Narrow	292		18	1	1,441	499	576	268		1	5	38
Power looms, carpet and rug	2,788	34			2,661						87	
Hand looms	26	35			4						1	29
Gill boxes, total	226		34	9	689	898				12	7	100
American	131		34	9	139	211						86
Foreign	95				550	687				12	7	14
Wool-combing machines	114	1	42	2	339	492				5	5	24
Pickers	108	4	5	4	90	46	5	45	7	7	24	13
Garnett machines	40	2	2		10	9	4	2	1		4	2

IDLE THROUGHOUT THE CENSUS YEAR

Cards, total number	35				88	29			1	1	2	1
Woolen [1]	19				68	2			1	1	2	1
Worsted	16				20	27						
Cotton												
Spindles, total	26,621		420		69,420	36,719		260		320	2,320	1,346
Woolen [2]	9,195		420		22,592	582		260		320	2,320	482
Worsted	17,426				46,828	36,137						864
Cotton												
Mule spindles	15,456		420		22,874	6,700		260		320	2,020	480
Frame spindles	7,440				30,394	23,975						866
Doubling and twisting spindles	3,725				16,152	6,044					300	
Power looms, except carpet and rug, total	225		46		1,742	554	4	1		10	22	32
Automatic			46		406	80	4				9	20
Other than automatic	225				1,336	474		1		10	13	12
Broad	137		34		938	172	4	1		10	12	31
Medium	26				275	150					9	
Narrow	62		12		529	232					1	1
Power looms, carpet and rug	743	1			867							
Hand looms												10
Gill boxes, total	53				62	124				1		8
American	12				24	20						
Foreign	41				38	104				1		8
Wool-combing machines	18				31	79					1	1
Pickers	1				6					1		1
Garnett machines	2				3					1	1	

[1] Includes shoddy cards.
[2] Includes shoddy spindles.
[3] California, Delaware, Iowa, Kentucky, Louisiana, Missouri, South Carolina, Texas, Utah, and Washington.

WOOLEN GOODS AND WORSTED GOODS

[A preliminary report for these industries was issued under date of April 8, 1929]

Description of industries.—The manufacture of woolen goods and the manufacture of worsted goods are treated as separate industries, and each establishment engaged primarily in the production of either class of goods is assigned to one industry or the other according to the character of its products of chief value. Woolen goods are made of carded yarns, the fibers of which are to some extent crossed. Worsted goods are made of combed yarns, from which the short fibers have been removed and the long fibers left in a more or less parallel condition.

Detailed statistics of products.—To a considerable extent woolen goods are made by worsted mills and worsted goods by woolen mills as secondary products, and for this reason the detailed statistics of quantities and values of products for the two industries are combined in Tables 4 and 5.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1919 TO 1927

[Data for establishments with products under $5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 6]

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
WOOLEN GOODS							
1927	471	61,790	$72,156,158	$172,700,233	$301,308,743	$128,608,510	191,703
1925	503	67,056	82,436,037	219,618,330	361,524,034	141,905,704	193,080
1923	513	72,408	87,313,708	201,547,430	364,287,817	162,740,387	180,657
1921	493	56,434	62,893,150	120,275,820	230,944,847	110,669,027	(2)
1919	560	62,957	66,595,826	217,965,333	364,896,590	146,931,257	172,191
Per cent of increase or decrease (−):							
1925–1927	−6.4	−7.9	−12.5	−21.4	−16.7	−9.4	−.7
1923–1925	−1.9	−7.4	−5.6	9.0	−.8	−12.8	6.9
1923–1927	−8.2	−14.7	−17.4	−14.3	−17.3	−21.0	6.1
1919–1927	−15.9	−1.9	8.3	−20.8	−17.4	−12.5	11.3
WORSTED GOODS							
1927	288	92,571	$101,665,747	$329,407,609	$516,669,556	$187,261,947	364,422
1925	329	98,168	108,834,754	400,783,613	596,266,304	195,482,691	377,215
1923	338	122,144	135,670,814	421,184,417	698,270,621	277,086,204	357,808
1921	321	105,930	112,001,618	279,769,742	524,638,921	244,869,179	(2)
1919	292	103,830	101,512,855	447,629,350	700,537,482	252,908,132	294,028
Per cent of increase or decrease (−):							
1925–1927	−12.5	−5.7	−6.6	−17.8	−13.3	−4.2	−3.4
1923–1925	−2.7	−19.6	−19.8	−4.8	−14.6	−29.5	5.4
1923–1927	−14.8	−24.2	−25.1	−21.8	−26.0	−32.4	1.8
1919–1927	−1.4	−10.8	.2	−26.4	−26.2	−26.0	23.9

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Not called for on schedule.

TABLE 2.—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
WOOLEN GOODS		*Horse-power*		*Horse-power*		*Horse-power*
Prime movers, total	8,439	191,703	7,691	193,080	6,417	180,657
Steam engines	325	65,559	344	66,686	391	85,881
Steam turbines	24	17,638	34	21,120		
Internal-combustion engines	12	1,578	18	1,773	20	1,568
Water wheels and turbines	406	45,870	457	46,407	424	45,398
Electric motors driven by purchased current	7,672	61,058	6,838	57,094	5,582	47,810
Electric motors, total	14,535	115,735	14,566	112,175	9,564	86,236
Driven by purchased current	7,672	61,058	6,838	57,094	5,582	47,810
Driven by current generated in establishment reporting	6,863	54,677	7,728	55,081	3,982	38,426
		Kilowatts		*Kilowatts*		*Kilowatts*
Electric generators	252	43,418	293	45,855	(1)	(1)
WORSTED GOODS		*Horse-power*		*Horse-power*		*Horse-power*
Prime movers, total	10,287	364,422	12,353	377,215	11,248	357,808
Steam engines	257	81,229	266	98,876	417	227,808
Steam turbines	142	174,057	114	166,113		
Internal-combustion engines	1	36	1	36	6	686
Water wheels and turbines	109	28,560	127	35,026	141	35,999
Electric motors driven by purchased current	9,778	80,540	11,845	77,164	10,684	93,315
Electric motors, total	32,379	264,324	32,525	252,400	25,720	248,015
Driven by purchased current	9,778	80,540	11,845	77,164	10,684	93,315
Driven by current generated in establishment reporting	22,601	183,784	20,680	175,236	15,036	154,700
		Kilowatts		*Kilowatts*		*Kilowatts*
Electric generators	277	183,126	310	181,052	(1)	(1)

[1] Not called for on schedule.

TABLE 3.—PRINCIPAL MATERIALS USED IN THE WOOLEN-GOODS AND WORSTED-GOODS INDUSTRIES: 1927, 1925, AND 1919

[No data for materials tabulated for 1923 and 1921. For State statistics on materials used in the entire wool-manufactures group of industries see Table 3, p. 409]

KIND	WOOLEN-GOODS INDUSTRY			WORSTED-GOODS INDUSTRY		
	1927	1925	1919	1927	1925	1919
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
Wool:						
In condition in which purchased, total	139, 227, 574	150, 760, 876	105, 792, 290	294, 841, 199	302, 096, 956	337, 669, 614
Domestic	91, 057, 765	87, 360, 871	63, 859, 091	184, 677, 215	165, 640, 661	181, 971, 185
Foreign	48, 169, 809	63, 400, 005	41, 933, 199	110, 163, 984	136, 456, 295	155, 698, 429
Equivalent in scoured condition	105, 996, 914	118, 802, 222	86, 547, 717	131, 503, 133	159, 031, 604	177, 288, 745
Animal hair, total	5, 562, 406	6, 528, 062	12, 613, 937	20, 440, 807	20, 631, 472	15, 667, 157
Camel, alpaca, and vicuna	770, 313	1, 089, 208	1, 316, 941	1, 211, 645	1, 165, 493	12, 474, 340
Mohair	802, 731	570, 496		14, 864, 889	14, 318, 296	
Other animal hair	3, 989, 362	4, 868, 358	11, 296, 996	4, 364, 273	5, 147, 683	3, 192, 817
Cotton, total	18, 556, 159	20, 352, 012	14, 629, 920	4, 290, 046	6, 206, 075	2, 745, 483
Domestic	8, 144, 726	11, 504, 840	10, 325, 185	3, 663, 413	5, 054, 278	1, 812, 029
Foreign	10, 411, 433	8, 847, 172	4, 304, 735	626, 633	1, 151, 797	933, 454
Rags, clippings, etc	56, 690, 108	69, 985, 552	45, 753, 399	263, 967	2, 037, 306	699, 710
Recovered wool fiber	23, 899, 282	33, 939, 855	31, 416, 145	667, 647	608, 400	1, 747, 551
Waste and noils, purchased, total	47, 710, 544	50, 020, 984	40, 260, 627	4, 277, 911	3, 861, 327	3, 477, 614
Wool waste and noils	42, 213, 607	43, 043, 122	38, 522, 138	4, 122, 776	2, 957, 270	3, 300, 640
Mohair, camel, alpaca, and vicuna noils	1, 646, 575	1, 706, 961	1, 738, 489	141, 177	716, 412	176, 974
Silk waste and noils	3, 850, 362	5, 270, 901	(1)	13, 958	187, 645	(1)
Tops, purchased	1, 318, 581	1, 816, 796	533, 758	48, 909, 915	44, 542, 876	25, 732, 481
Yarns, purchased, total	24, 359, 761	21, 737, 887	21, 500, 933	69, 070, 571	65, 499, 180	62, 483, 553
Woolen	3, 894, 879	3, 114, 490	2, 172, 487	3, 837, 485	4, 298, 144	6, 189, 297
Worsted	5, 134, 483	4, 131, 334	3, 909, 077	34, 752, 686	40, 686, 548	39, 053, 028
Wool and cotton mixed	2, 136, 028	1, 499, 794	797, 952	3, 112, 070	195, 574	806, 601
Cotton	12, 025, 489	10, 941, 884	12, 854, 825	19, 549, 897	15, 852, 254	15, 828, 820
Silk and spun silk	405, 327	206, 703	84, 218	1, 491, 847	448, 012	331, 572
Rayon	735, 164	1, 743, 718	(2)	788, 748	787, 215	(2)
Other yarns	28, 391	99, 964	1, 682, 374	5, 537, 838	3, 231, 433	274, 235

[1] Can not be shown without disclosing consumption of individual establishments.
[2] Not called for on schedule.

TABLE 4.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1927, 1925, AND 1923

[For State statistics on products, for the entire wool-manufactures group of industries, see Table 4, p. 412]

CLASS	1927			1925			1923		
	Total	Woolen-goods industry	Worsted-goods industry	Total	Woolen-goods industry	Worsted-goods industry	Total	Woolen-goods industry	Worsted-goods industry
Aggregate value [1]	[2] $817,978,299	$301,308,743	$516,669,556	[2] $957,790,338	$361,524,034	$596,266,304	[2] $1,062,558,438	$364,287,817	$698,270,621
Woven goods:									
Total pounds	314,165,835	186,026,425	128,139,410	334,304,707	201,667,313	132,637,394	379,207,914	226,954,779	152,253,135
Total square yards	550,267,799	284,856,657	265,411,142	579,788,935	304,683,747	275,105,188	628,017,509	316,092,088	311,925,421
Total value	$571,327,437	$257,217,778	$314,109,659	$673,569,023	$308,124.413	$365,444,610	$745,267,669	$321,415,657	$423,852,012
Suiting, dress goods, overcoatings, and cloakings—									
Pounds	251,695,989	148,785,390	102,910,599	262,627,162	158,935,216	103,691,946	314,406,780	180,192,782	134,213,998
Square yards	443,918,414	218,271,716	225,646,698	460,922,440	235,699,509	225,222,931	512,139,438	244,455,967	267,683,471
Value	$489,833,895	$221,283,380	$268,550,515	$566,302,093	$259,076,599	$307,225,494	$657,233,479	$271,723,797	$385,509,682
Other woven goods—									
Pounds	62,469,846	37,241,035	25,228,811	71,677,545	42,732,097	28,945,448	64,801,134	46,761,997	18,039,137
Square yards	106,349,385	66,584,941	39,764,444	118,866,495	68,984,238	49,882,257	115,878,071	71,636,121	44,241,950
Value	$81,493,542	$35,934,398	$45,559,144	$107,266,930	$49,047,814	$58,219,116	$88,034,190	$49,691,860	$38,342,330
Yarns for sale:									
Total pounds	145,727,627	51,006,890	94,720,737	150,999,907	57,310,622	93,689,285	179,454,624	48,641,200	130,813,424
Total value	$183,429,969	$39,218,401	$144,211,568	$210,692,105	$46,901,384	$163,790,721	$252,242,085	$34,096,417	$218,145,668
All-wool woolen—									
Pounds	41,766,244	37,335,726	4,430,518	43,710,519	42,450,414	1,260,105	47,942,679	38,471,573	9,471,106
Value	$31,228,483	$26,150,379	$5,078,104	$34,125,561	$32,811,961	$1,313,600	$32,384,156	$24,669,266	$7,714,890
All-wool worsted—									
Pounds	81,273,935	6,028,535	75,245,400	82,586,955	4,781,866	77,805,089	112,932,955	2,186,477	110,746,478
Value	$125,089,717	$7,717,417	$117,372,300	$143,888,521	$5,990,749	$137,897,772	$191,150,915	$2,913,570	$188,237,345
Wool-and-cotton mixed—									
Pounds	9,750,909	6,512,880	3,238,029	19,409,003	8,905,566	10,503,437	11,165,089	5,818,789	5,346,300
Value	$8,943,595	$4,660,872	$4,282,723	$25,927,433	$7,414,543	$18,512,890	$17,264,227	$5,008,324	$12,255,903
Mohair and similar yarns—									
Pounds	11,670,404			4,163,422			5,881,625		
Value	$17,750,061	1,129,749	11,806,790	$6,245,382	1,172,776	4,120,654	$10,706,952	2,164,361	5,249,540
Cotton [3]—		$689,733	$17,478,441		$684,131	$6,066,459		$1,505,257	$9,937,530
Pounds	1,266,135			1,130,008			1,532,276		
Value	$418,113			$505,208			$735,835		

See footnotes at end of table.

TABLE 4.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1927, 1925, AND 1923—Continued

[For State statistics on products, for the entire wool-manufactures group of industries, see Table 4, p. 412]

CLASS	1927			1925			1923		
	Total	Woolen-goods industry	Worsted-goods industry	Total	Woolen-goods industry	Worsted-goods industry	Total	Woolen-goods industry	Worsted-goods industry
Tops, for sale:									
Pounds	18,283,332	----------	18,283,332	18,055,405	----------	18,055,405	21,120,118	(4)	(4)
Value	$20,808,114	----------	$20,808,114	$23,613,251	----------	$23,613,251	$23,926,823	(4)	(4)
Noils and wool waste:									
Pounds	48,419,016	7,202,107	41,216,909	42,591,152	7,686,668	34,904,484	55,110,365	11,012,557	44,097,808
Value	$18,491,102	$734,194	$17,756,908	$17,887,171	$849,046	$17,038,125	$19,297,275	$810,502	$18,486,773
Other products, value	$12,341,937	$1,852,513	$10,489,424	$20,908,800	$3,063,999	$17,844,801	$8,302,950	$4,117,686	$4,185,264
Amount received for contract work	$11,579,740	$2,285,857	$9,293,883	$11,119,988	$2,585,192	$8,534,796	$13,521,636	$3,840,246	$9,681,390

[1] These aggregates are the sums of all value items in the columns beneath except those which are underscored.

[2] In addition ,woolen goods and worsted goods to the following values were reported as secondary products by establishments classified in other industries: For 1927, $14,145,016; for 1925, $9,595,481; for 1923, $9,275,898. Of these amounts the following were reported by the carpet-and-rug and felt-goods establishments: For 1927, $3,847,496; for 1925, $7,340,664; for 1923, $8,005,003.

[3] This item refers only to cotton yarn produced in woolen and worsted mills. Cotton yarn is made principally in cotton mills.

[4] Not shown separately in order to avoid disclosing the output of individual establishments.

TABLE 5.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE: 1927

CLASS	Total	Woolen-goods industry	Worsted-goods industry
Aggregate value	[1] $817,978,299	$301,308,743	$516,669,556
Woven goods:			
Total pounds	314,165,835	186,026,425	128,139,410
Total square yards	550,267,799	284,856,657	265,411,142
Total value	$571,327,437	$257,217,778	$314,109,659
Suitings, dress goods, overcoatings, and cloakings—			
Total pounds	251,695,989	148,785,390	102,910,599
Total square yards	443,918,414	218,271,716	225,646,698
Total value	$489,833,895	$221,283,380	$268,550,515
All-wool woolen—			
Pounds	96,328,803	91,224,609	5,104,194
Square yards	136,635,181	126,617,542	10,017,639
Value	$167,483,716	$154,682,425	$12,801,291
All-wool worsted—			
Pounds	81,896,439	3,301,950	78,594,489
Square yards	173,754,429	6,182,950	167,571,479
Value	$231,998,202	$10,729,289	$221,268,913
Wool-and-cotton-mixed—			
Pounds	19,950,198	16,451,790	3,498,408
Square yards	30,432,771	23,773,119	6,659,652
Value	$20,843,583	$17,123,959	$3,719,624
Cotton-warp woolen—			
Pounds	29,535,457	(2)	(2)
Square yards	46,609,011	(2)	(2)
Value	$24,785,326	(2)	(2)
Cotton-warp worsted—			
Pounds	9,055,249	(2)	(2)
Square yards	26,888,903	(2)	(2)
Value	$14,341,769	(2)	(2)
Other suitings, dress goods, cloakings, and overcoatings—			
Pounds	14,929,843	8,215,982	6,713,861
Square yards	29,598,119	14,981,824	14,616,295
Value	$30,381,299	$13,867,605	$16,513,694
Domett flannels and shirtings—			
Pounds	4,163,069	4,163,069	----------
Square yards	8,413,356	8,413,356	----------
Value	$3,626,505	$3,626,505	----------
Satinets and linseys—			
Pounds	2,198,782	2,198,782	----------
Square yards	3,973,651	3,973,651	----------
Value	$1,281,783	$1,281,783	----------
Blankets, all wool—			
Pounds	9,327,523	(2)	(2)
Square yards	17,294,575	(2)	(2)
Value	$12,359,235	(2)	(2)
Blankets, cotton-mixed—			
Pounds	6,814,804	6,814,804	----------
Square yards	12,091,285	12,091,285	----------
Value	$4,858,922	$4,858,922	----------
Blankets, cotton-warp—			
Pounds	10,599,352	(2)	(2)
Square yards	19,915,630	(2)	(2)
Value	$6,909,492	(2)	(2)
Horse blankets—			
Pounds	1,206,809	(2)	(2)
Square yards	1,068,644	(2)	(2)
Value	$631,014	(2)	(2)
Upholstery materials and automobile linings (except pile fabrics)—			
Pounds	3,060,255	1,763,278	1,296,977
Square yards	4,249,635	2,343,858	1,905,777
Value	$6,806,189	$3,951,841	$2,854,348
Other woolen and worsted goods (except pile fabrics)—			
Pounds	8,880,217	1,136,293	7,743,924
Square yards	25,387,236	1,534,440	23,852,796
Value	$15,174,503	$2,190,627	$12,983,876

See footnotes at end of table.

TABLE 5.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE: 1927—Continued

CLASS	Total	Woolen-goods industry	Worsted-goods industry
Woven goods—Continued.			
Pile fabrics (except cloakings), total—			
Total pounds	16,219,035	65,965	16,153,070
Total square yards	13,955,373	132,634	13,822,739
Total value	$29,845,899	$197,078	$29,648,821
Mohair (including combinations with wool)—			
Pounds	13,959,503	----------	13,959,503
Square yards	11,822,901	----------	11,822,901
Value	$26,795,540	----------	$26,795,540
Wool—			
Pounds	2,154,832	(2)	(2)
Square yards	2,038,851	(2)	(2)
Value	$2,886,364	(2)	(2)
Other pile fabrics—			
Pounds	104,700	(2)	(2)
Square yards	93,621	(2)	(2)
Value	$163,995	(2)	(2)
Yarns, for sale:			
Total pounds	145,727,627	51,006,890	94,720,737
Total value	$183,429,969	$39,218,401	$144,211,568
Woolen—			
All wool—			
Pounds	41,766,244	37,335,726	4,430,518
Value	$31,228,483	$26,150,379	$5,078,104
Wool and cotton mixed—			
Pounds	6,473,647	(2)	(2)
Value	$4,649,784	(2)	(2)
Worsted—			
All wool—			
Pounds	81,273,935	6,028,535	75,245,400
Value	$125,089,717	$7,717,417	$117,372,300
Wool-and-cotton-mixed—			
Pounds	3,277,262	(2)	(2)
Value	$4,293,811	(2)	(2)
Mohair and similar yarns—			
Pounds	11,670,404		
Value	$17,750,061	1,129,749	11,806,790
Cotton yarns [3]—		$689,733	$17,478,441
Pounds	1,266,135		
Value	$418,113		
Tops, for sale:			
Pounds	18,283,332	----------	18,283,332
Value	$20,808,114	----------	$20,808,114
Noils and wool waste, for sale:			
Pounds	48,419,016	7,202,107	41,216,909
Value	$18,491,102	$734,194	$17,756,908
Other products, value	$12,341,937	$1,852,513	$10,489,424
Amount received for contract work	$11,579,740	$2,285,857	$9,293,883

[1] This aggregate is the sum of all value items in the column beneath except those which are underscored.
[2] Not shown separately in order to avoid disclosing the output of individual establishments.
[3] This item refers only to cotton yarn produced in woolen and worsted mills. Cotton yarn is made principally in cotton mills.

TABLE 6.—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data for individual establishments]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower	Salaries	Wages	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [1]
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)				Materials and supplies	Fuel and power		
WOOLEN GOODS												
United States	471	65,509	149	3,570	61,790	191,703	$12,059,574	$72,156,158	$166,321,575	$6,378,658	$301,308,743	$128,608,510
Connecticut	29	6,294	5	351	5,938	16,307	1,358,446	7,265,284	15,032,100	601,812	27,841,649	12,207,737
Georgia	3	789	-------	23	766	1,461	93,772	655,949	1,789,718	44,711	2,875,779	1,041,350
Illinois	4	573	-------	41	532	1,469	140,419	597,387	1,656,722	60,753	2,668,810	951,335
Indiana	6	776	1	64	711	1,670	437,000	752,350	2,343,549	76,074	4,301,798	1,882,175
Maine	50	6,570	4	426	6,140	24,012	1,162,256	7,525,452	16,331,875	633,305	30,024,987	13,059,807
Maryland	3	499	5	25	469	1,648	84,257	500,067	1,369,731	38,523	2,571,577	1,163,323
Massachusetts	99	16,792	28	841	15,923	52,148	2,794,518	19,368,612	38,652,470	1,688,572	73,740,314	33,399,272
Michigan	8	954	1	80	873	2,464	195,945	853,887	2,637,214	101,426	4,296,405	1,557,765
Minnesota	11	570	3	59	508	1,581	257,192	510,911	1,537,664	42,795	2,995,166	1,414,707
New Hampshire	35	5,279	8	264	5,007	18,463	774,988	6,141,099	12,615,827	531,154	24,143,480	10,996,499
New Jersey	8	1,235	3	56	1,176	3,493	249,842	1,500,856	2,984,228	120,627	5,587,632	2,482,777
New York	23	2,766	7	128	2,631	9,094	451,210	3,292,790	6,866,244	323,817	13,368,908	6,178,847
North Carolina	6	1,180	1	23	1,156	2,371	92,051	1,028,079	3,215,645	102,267	5,505,489	2,187,577
Ohio	9	800	4	42	754	2,233	172,451	726,362	2,224,377	86,430	3,618,194	1,307,387
Oregon	6	1,153	-------	77	1,076	2,525	227,848	1,145,225	2,033,491	80,014	4,381,802	2,268,297
Pennsylvania	79	7,174	45	411	6,718	21,373	1,613,736	8,106,544	26,437,128	680,476	41,832,191	14,714,587
Rhode Island	24	3,454	10	169	3,275	7,158	587,255	4,161,577	11,270,626	326,394	19,256,063	7,659,043
Tennessee	9	1,656	-------	73	1,583	2,958	226,031	1,011,465	2,459,652	77,952	4,285,869	1,748,265
Vermont	15	2,769	4	146	2,619	9,665	408,154	3,058,143	6,672,720	309,036	10,939,729	3,957,973
Virginia	6	814	5	60	749	1,803	150,840	737,823	1,465,240	54,819	3,544,263	2,024,204
West Virginia	7	655	-------	37	618	1,419	98,453	605,545	1,069,319	186,928	2,551,026	1,294,779
Wisconsin	16	1,113	9	62	1,042	2,789	198,231	1,083,041	2,178,024	83,299	4,382,266	2,120,943
Other States [2]	15	1,644	6	112	1,526	3,599	284,679	1,527,710	3,478,011	127,474	6,595,346	2,989,861

See footnotes at end of table.

TABLE 6.—GENERAL STATISTICS, BY STATES: 1927—Continued

[This table presents statistics for all States for which separate figures can be given without disclosing data for individual establishments]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower	Salaries	Wages	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture[1]
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)				Materials and supplies	Fuel and power		
WORSTED GOODS												
United States	288	97,456	62	4,823	92,571	364,422	$15,894,253	$101,665,747	$319,629,109	$9,778,500	$516,669,556	$187,261,947
Connecticut	11	3,276	-------	221	3,055	5,987	482,137	4,397,185	14,386,598	286,585	22,103,275	7,430,092
Maine	9	4,392	3	145	4,244	10,936	691,753	4,642,346	10,835,345	532,379	21,849,221	10,481,497
Massachusetts	75	36,941	4	1,796	35,141	156,421	5,167,387	38,666,775	118,280,421	4,528,532	195,095,492	72,286,539
New Jersey	16	9,510	5	728	8,777	38,943	2,685,103	10,734,246	27,820,243	701,891	47,781,728	19,259,594
New York	15	3,705	6	227	3,472	14,519	701,071	3,571,839	10,264,591	405,536	17,675,747	7,005,620
Pennsylvania	67	11,187	34	607	10,546	30,177	2,295,465	11,491,549	41,941,567	760,425	63,790,023	21,088,031
Rhode Island	71	21,995	4	877	21,114	72,244	3,323,982	22,338,332	77,383,648	2,141,389	118,310,113	38,785,076
Other States[3]	24	6,450	6	222	6,222	35,195	547,355	5,823,475	18,716,696	421,763	30,063,957	10,925,498

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] California, 4 establishments; Iowa, 2; Kentucky, 4; Missouri, 1; New Mexico, 1; Utah, 2; Washington, 1.
[3] California, 1 establishment; Delaware, 1; Georgia, 1; Illinois, 1; Kentucky. 2; Louisiana, 1; Maryland, 1; New Hampshire, 4; Ohio, 3; Oregon, 1; South Carolina, 2; Texas, 1; Vermont, 1; Virginia, 1; West Virginia, 1; Wisconsin, 2.

CARPETS AND RUGS, WOOL, OTHER THAN RAG

[A preliminary report for this industry was issued under date of August 2, 1928]

Description of the industry.—This industry classification covers the manufacture of carpets and rugs (not including those made of rags) in which wool is one of the principal materials used. Such carpets and rugs are usually made with a jute, cotton, or linen back. (The manufacture of rag carpets and rugs is classified as a separate industry under the designation "Carpets and rugs, rag"; and jute carpets and rugs are included among the products of the "Jute goods" industry.)

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1919 TO 1927

[Data for establishments with products under $5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 6]

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	65	32,829	$42,040,892	$85,601,835	$166,888,408	$81,286,573	65,828
1925	69	33,886	43,382,517	104,195,624	[2] 187,778,772	[2] 83,583,148	63,008
1923	79	35,217	48,528,430	97,472,644	199,480,623	102,007,979	53,852
1921	72	22,922	28,705,036	50,118,134	103,880,500	53,762,366	(3)
1919	75	22,933	24,216,121	67,118,039	123,253,828	56,135,789	37,593
	PER CENT OF INCREASE OR DECREASE (—)						
1925-1927	(4)	—3.1	—3.1	—17.8	—11.1	—2.7	4.5
1923-1925	(4)	—3.8	—10.6	6.9	—5.9	—18.1	17.0
1923-1927	(4)	—6.8	—13.4	—12.2	—16.3	—20.3	22.2
1919-1927	(4)	43.2	73.6	27.5	35.4	44.8	75.1

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Revised.
[3] Not called for on schedule.
[4] Per cent not computed where base is less than 100.

TABLE 2.—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
		Horse-power		*Horse-power*		*Horse-power*
Prime movers, total	3,974	65,828	3,111	63,008	2,030	53,852
Steam engines	63	21,339	63	22,219	} 104	38,563
Steam turbines	23	22,786	21	21,889		
Internal-combustion engines	2	44	3	49	2	30
Water wheels and turbines	11	1,776	9	1,511	11	2,090
Electric motors driven by purchased current	3,875	19,883	3,015	17,340	1,913	13,169
Electric motors, total	9,506	111,284	8,201	53,985	4,876	44,908
Driven by purchased current	3,875	19,883	3,015	17,340	1,913	13,169
Driven by current generated in establishment reporting	5,631	91,401	5,186	36,645	2,963	31,739
		Kilowatts		*Kilowatts*		*Kilowatts*
Electric generators	71	25,385	72	25,543	(1)	(1)

[1] Not called for on schedule.

TABLE 3.—MATERIALS USED IN THE CARPET AND RUG INDUSTRY: 1927, 1925, AND 1919

[For State statistics on materials used in the entire wool-manufactures group of industries, see Table 3, p. 409]

KIND	1927	1925	1919
Wool:	*Pounds*	*Pounds*	*Pounds*
In condition in which purchased [1]	88,159,995	85,625,307	36,261,904
Equivalent of above in scoured condition	57,122,806	60,351,610	21,905,916
Animal hair	2,587,650	2,834,382	6,272,522
Cotton	7,704,876	11,131,462	3,864,826
Waste and noils, purchased	3,987,873	3,482,888	560,664
Yarns, purchased:			
Woolen	27,682,593	29,833,627	17,389,590
Worsted	7,274,158	9,002,282	4,164,565
Cotton	25,688,994	25,206,607	17,309,949
Jute	[2] 67,621,680	[2] 80,673,475	[2] 45,119,812
Linen	250,851	933,499	2,280,055
Other yarns	9,222,513	4,692,329	921,655

[1] Statistics for domestic and for foreign wool can not be shown separately without disclosing data for individual establishments.
[2] Figures for 1919 not strictly comparable, as they include data for yarns of ramie and other vegetable fiber.

TABLE 4.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1927, 1925, AND 1923

[For State statistics on products, for the entire wool-manufactures group of industries, see Table 4, p. 412]

CLASS	1927		1925		1923	
	Square yards	Value	Square yards	Value	Square yards	Value
Aggregate value [1]	----------	[2]$166,888,408	----------	[2]$187,778,772	----------	[2]$199,480,623
Carpets, total	16,872,436	40,777,584	21,859,377	49,023,624	21,722,705	51,524,378
Axminster	2,944,142	7,572,628	4,592,047	9,814,666	4,285,294	11,531,656
Wilton	3,795,808	15,093,470	3,399,695	15,463,962	2,815,695	13,034,266
Brussels	20,199	69,837	25,457	71,684	52,693	160,157
Tapestry velvet	6,954,883	14,101,133	8,824,725	17,128,560	7,897,716	17,706,584
Tapestry Brussels	1,644,222	1,504,918	1,271,956	1,316,210	1,322,213	1,593,254
Ingrain	265,609	218,255	819,592	653,111	693,404	622,821
Other	1,247,573	2,217,343	2,925,905	4,575,431	4,655,690	6,875,640
Rugs made of sewed strips, total	9,339,709	35,106,388	14,264,113	53,627,772	17,943,379	65,104,745
Axminster	2,838,892	5,424,553	6,041,880	14,387,458	10,892,128	26,900,632
Wilton	4,492,830	23,765,650	5,933,825	35,864,247	6,633,663	36,668,939
Other	2,007,987	5,916,185	2,288,408	3,376,067	417,588	1,535,174
Rugs woven whole, total	40,980,788	87,333,338	35,977,119	[3]79,232,790	43,576,379	75,528,350
Axminster	19,048,377	44,959,296	15,980,446	38,153,246	9,566,793	22,245,242
Wilton	1,977,561	10,006,143	1,450,222	6,073,507	1,086,706	4,791,655
Tapestry velvet	9,382,141	18,868,862	8,877,677	19,820,145	9,826,700	20,224,200
Tapestry Brussels	5,152,628	5,595,295	4,687,063	6,257,948	11,938,584	15,940,615
Smyrna	473,169	1,093,272	492,776	1,214,392	1,095,190	2,211,122
Chenille	329,176	2,747,794	437,415	[3]3,828,736	552,394	4,357,353
Wool and paper fiber	1,336,734	973,645	1,846,949	1,589,198	6,019,567	3,078,228
Other	3,281,002	3,089,031	2,204,571	2,295,618	3,490,445	2,679,935
Other products, value	----------	3,671,098	----------	5,894,586	----------	7,323,150

[1] These aggregates are the sums of all items in the columns beneath except those which are underscored.
[2] In addition to this aggregate value, carpets and rugs to the following values were reported as secondary products by establishments classified in other industries: For 1927, $71,951; for 1925, $150,572; for 1923, $257,651.
[3] Revised figure.

TABLE 5.—POWER LOOMS IN THE CARPET AND RUG INDUSTRY [1]: 1909 TO 1927

[No data for machinery called for on schedule for 1923 and 1921]

CLASS	NUMBER						
	1927			1925 [2]	1919	1914	1909
	Total	Active	Idle	Active and idle	Active	Active	Active
Carpet and rug looms, total [1]	9,980	8,009	1,971	10,288	7,897	9,821	11,736
Ingrain	313	193	120	414	620	1,251	2,884
Broad ingrain	104	78	26	189	695	569	788
Tapestry Brussels	563	396	167	294	1,209	1,281	2,680
Tapestry velvet	2,134	1,756	378	1,969	1,114	1,309	
Body Brussels	17	17	----------	18	394	550	636
Wilton	2,827	2,396	431	2,771	1,225	1,521	1,018
Axminster	3,111	2,533	578	3,576	2,111	2,704	2,562
Moquette	----------	----------	----------	----------	34	26	
Smyrna	232	109	123	337	413	487	964
Chenille	304	189	115	435	(3)	(3)	(3)
Colonial	----------	----------	----------	12	82	123	186
Other looms	375	342	33	273	----------	----------	18

[1] Not including looms on goods other than carpets and rugs in establishments engaged primarily in the manufacture of carpets and rugs, as follows: 1927, 433; 1925, 430; 1919, 1,099; 1914, 489; 1909, 328.
[2] Active and idle machinery not separately reported for 1925.
[3] Not called for on schedule.

TABLE 6.—ACTIVE AND IDLE POWER LOOMS IN THE CARPET AND RUG INDUSTRY,[1] BY STATES: 1927

KIND	NUMBER							
	United States	Connecticut	Massachusetts	New Jersey	New York	North Carolina	Pennsylvania	Wisconsin
ACTIVE AT ANY TIME WITHIN THE CENSUS YEAR								
Carpet and rug looms, total	[1] 8,009	597	1,311	531	2,788	34	2,661	87
Carpet looms, total	2,725	147	542	130	373	-------	1,533	-------
Ingrain	44	-------	-------	-------	9	-------	35	-------
Tapestry Brussels	311	147	17	-------	24	-------	123	-------
Tapestry velvet	896	-------	65	38	233	-------	560	-------
Body Brussels	6	-------	6	-------	-------	-------	-------	-------
Wilton	874	-------	229	53	2	-------	590	-------
Axminster	543	-------	190	39	95	-------	219	-------
Chenille	10	-------	-------	-------	10	-------	-------	-------
Other	41	-------	35	-------	-------	-------	6	-------
Rug looms, total	5,284	450	769	401	2,415	34	1,128	87
Ingrain	149	-------	95	-------	-------	-------	54	-------
Broad ingrain	78	-------	-------	-------	22	-------	56	-------
Tapestry Brussels	85	-------	-------	-------	80	-------	5	-------
Tapestry velvet	860	-------	15	53	641	-------	151	-------
Body Brussels	11	-------	11	-------	-------	-------	-------	-------
Wilton	1,522	173	330	231	298	-------	490	-------
Axminster	1,990	277	116	117	1,210	34	236	-------
Smyrna	109	-------	-------	-------	45	-------	64	-------
Chenille	179	-------	13	-------	94	-------	72	-------
Other	301	-------	189	-------	25	-------	-------	87
IDLE THROUGHOUT THE CENSUS YEAR								
Carpet and rug looms, total	1,971	243	60	57	743	1	867	-------
Carpet looms, total	478	67	-------	1	24	-------	386	-------
Ingrain	31	-------	-------	1	-------	-------	30	-------
Tapestry Brussels	118	67	-------	-------	-------	-------	51	-------
Tapestry velvet	187	-------	-------	-------	22	-------	165	-------
Wilton	74	-------	-------	-------	2	-------	72	-------
Axminster	64	-------	-------	-------	-------	-------	64	-------
Other	4	-------	-------	-------	-------	-------	4	-------
Rug looms, total	1,493	176	60	56	719	1	481	-------
Ingrain	89	-------	60	-------	-------	-------	29	-------
Broad ingrain	26	-------	-------	12	3	-------	11	-------
Tapestry Brussels	49	-------	-------	-------	-------	-------	49	-------
Tapestry velvet	191	-------	-------	20	166	-------	5	-------
Wilton	357	104	-------	-------	193	-------	60	-------
Axminster	514	72	-------	24	186	1	231	-------
Smyrna	123	-------	-------	-------	35	-------	88	-------
Chenille	115	-------	-------	-------	111	-------	4	-------
Other	29	-------	-------	-------	25	-------	4	-------

[1] Not including 433 looms on goods other than carpets and rugs.

TABLE 7.—GENERAL STATISTICS, BY STATES: 1927

his table presents statistics for all States for which separate figures can be given without disclosing lata for individual establishments. One of the "Other States," however, reported a larger value of roducts than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)	
United States	65	34,622	9	1,784	32,829	65,828
ıssachusetts	10	4,844	--------	371	4,473	10,771
w Jersey	6	1,884	--------	84	1,800	2,965
w York	9	15,676	--------	480	15,196	24,865
ansylvania	36	8,298	9	611	7,678	19,268
her States [1]	4	3,920	--------	238	3,682	7,959

STATE	Salaries	Wages	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [2]
			Materials and supplies	Fuel and power		
United States	$5,416,434	$42,040,892	$83,265,796	$2,336,039	$166,888,408	$81,286,573
ıssachusetts	826,466	5,612,874	10,320,774	317,203	22,680,243	12,042,266
w Jersey	398,181	2,660,689	6,598,606	106,269	11,608,738	4,903,863
w York	1,485,249	19,399,662	31,753,117	991,796	67,789,145	35,044,232
ansylvania	2,144,559	10,277,504	26,468,816	621,136	46,707,739	19,617,787
her States [1]	561,979	4,090,163	8,124,483	299,635	18,102,543	9,678,425

Connecticut, 1 establishment; North Carolina, 1; Wisconsin, 2.
Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, p. 9 and 10.)

FELT GOODS, WOOL OR HAIR

[A preliminary report for this industry was issued under date of December 27, 1928]

Description of the industry.—This industry classification is applied to textile mills whose principal products are felt goods (not including wool-felt hats) made of wool or of hair, either by weaving or by felting without weaving. In the latter process heat, moisture, and pressure are employed.

TABLE 1.—SUMMARY FOR THE UNITED STATES: 1919 TO 1927

[Data for establishments with products under $5,000 in value included for 1919 but not for subsequent years. See sec. 10, p. 6]

YEAR OR PERIOD	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, supplies, fuel, and power	Value of products	Value added by manufacture [1]	Horsepower
1927	50	5,452	$6,653,147	$23,289,338	$41,894,844	$18,605,506	23,479
1925	50	5,146	6,403,687	26,354,123	43,775,618	17,421,495	23,478
1923	53	5,735	6,634,964	23,894,634	42,036,964	18,142,330	20,522
1921	49	4,180	4,625,883	11,232,119	24,129,390	12,897,271	(2)
1919	49	5,236	4,873,490	22,780,775	39,229,540	16,448,765	16,411
	PER CENT OF INCREASE OR DECREASE (—)						
1925–1927	(3)	5.9	3.9	—11.6	—4.3	6.8	(4)
1923–1925	(3)	—10.3	—3.5	10.3	4.1	—4.0	14.4
1923–1927	(3)	—4.9	0.3	—2.5	—0.3	2.6	14.4
1919–1927	(3)	4.1	36.5	2.2	6.8	13.1	43.1

[1] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)
[2] Not called for on schedule.
[3] Not shown where base is less than 100.
[4] Less than one-tenth of 1 per cent.

TABLE 2.—PRIME MOVERS, MOTORS, AND GENERATORS, BY TYPE, NUMBER, AND RATED CAPACITY, FOR THE UNITED STATES: 1927, 1925, AND 1923

TYPE	1927		1925		1923	
	Number	Capacity	Number	Capacity	Number	Capacity
		Horsepower		*Horsepower*		*Horsepower*
Prime movers, total	1,613	23,479	1,425	23,478	1,107	20,522
Steam engines	36	5,975	41	6,687	43	10,359
Steam turbines	5	3,467	5	3,273		
Internal-combustion engines			1	5	1	125
Water wheels and turbines	39	2,355	39	2,435	43	2,330
Electric motors driven by purchased current	1,533	11,682	1,339	11,078	1,020	7,708
Electric motors, total	2,190	17,949	2,126	16,602	1,519	13,031
Driven by purchased current	1,533	11,682	1,339	11,078	1,020	7,708
Driven by current generated in establishment reporting	657	6,267	787	5,524	499	5,323
		Kilowatts		*Kilowatts*		*Kilowatts*
Electric generators	21	4,745	25	5,172	(1)	(1)

[1] Not called for on schedule.

TABLE 3.—MATERIALS USED IN THE FELT-GOODS INDUSTRY: 1927, 1925, AND 1919

[For State statistics on materials used in the entire wool manufactures group of industries, see Table 3, p. 409]

KIND	1927	1925	1919
Wool:	*Pounds*	*Pounds*	*Pounds*
In condition in which purchased, total	16,532,762	16,518,843	11,804,373
Domestic	9,501,514	8,673,970	7,496,756
Foreign	7,031,248	7,844,873	4,307,617
Equivalent in scoured condition	13,477,347	12,666,853	9,450,913
Animal hair	34,318,691	39,524,425	19,663,511
Cotton	2,270,823	2,498,715	1,442,406
Recovered wool fiber	6,548,439	5,508,758	4,194,670
Waste and noils, purchased	5,038,811	7,232,863	6,640,136

TABLE 4.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1921 TO 1927

[For State statistics on products, for the entire wool-manufactures group of industries, see Table 4, p. 412]

CLASS	1927	1925	1923	1921
Total value [1]	$41,894,844	$43,775,618	$42,036,964	$24,129,390
Felt cloths:				
Pounds	6,401,011	6,391,295	6,403,580	3,566,363
Value	$15,008,691	$15,821,246	$13,576,512	$7,019,732
Trimming and lining felts, including felt skirts and skirtings:				
Pounds	3,707,913	2,690,014	3,318,404	3,242,394
Value	$3,121,945	$2,088,379	$2,420,614	$2,390,827
Polishing felts and buffing wheels:				
Pounds	821,595	1,129,623	2,412,032	999,716
Value	$1,051,837	$1,119,656	$1,546,040	$766,136
Piano felts:				
Pounds	369,698	512,437	605,898	237,766
Value	$642,114	$1,115,170	$1,484,357	$224,208
Saddle felts:				
Pounds	1,404,799	966,040	1,407,641	390,579
Value	$899,652	$679,202	$1,017,901	$236,233
Shoe and slipper felts:				
Pounds	5,119,465	5,383,851	5,848,964	(2)
Value	$5,295,824	$5,776,794	$6,744,595	(2)
Boot and shoe linings:				
Pounds	1,722,975	1,163,110	1,580,889	4,260,344
Value	$1,164,676	$957,123	$1,336,154	$3,593,722
Hair felting:				
Pounds	31,094,529	31,058,023	27,946,390	9,543,407
Value	$6,074,845	$5,208,522	$5,025,179	$2,191,091
Other felts, value	$5,754,889	$7,824,965	$6,737,626	$5,976,581
Other products, value	$2,880,371	$3,184,561	$2,147,986	$1,730,860

[1] In addition, felt goods to the following values were reported as secondary products by establishments classified in other industries: For 1927, $997,972; for 1925, $803,328; for 1923, $543,639; for 1921, $236,691.

[2] Not reported separately; value included in that of "Other felts."

TABLE 5.—GENERAL STATISTICS, BY STATES: 1927

[This table presents statistics for all States for which separate figures can be given without disclosing data for individual establishments. Certain of the "Other States," however, reported larger values of products than some of the States shown separately]

STATE	Number of establishments	PERSONS ENGAGED IN THE INDUSTRY				Horsepower
		Total	Proprietors and firm members	Salaried officers and employees	Wage earners (average for the year)	
United States	50	6,014	7	555	5,452	23,479
Connecticut	4	343	--------	34	309	1,383
Massachusetts	13	1,061	--------	121	940	5,251
New Jersey	5	387	--------	28	359	1,188
New York	11	2,152	--------	196	1,956	7,828
Other States [1]	17	2,071	7	176	1,888	7,829

STATE	Salaries	Wages	Cost of materials, supplies, fuel, and power		Value of products	Value added by manufacture [2]
			Materials and supplies	Fuel and power		
United States	$2,201,898	$6,653,147	$22,435,023	$854,315	$41,894,844	$18,605,506
Connecticut	153,872	369,691	1,421,572	76,775	2,182,222	683,875
Massachusetts	388,732	1,188,959	4,932,707	248,356	8,470,933	3,289,870
New Jersey	87,400	477,292	1,999,074	112,350	3,476,442	1,365,018
New York	954,241	2,411,890	6,621,349	228,091	13,736,490	6,887,050
Other States [1]	617,653	2,205,315	7,460,321	188,743	14,028,757	6,379,693

[1] California, 1 establishment; Illinois, 1; Maine, 2; Michigan, 1; New Hampshire, 1; Ohio, 3; Pennsylvania, 3; Rhode Island, 2; Virginia, 1; Wisconsin, 2.

[2] Value of products less cost of materials, supplies, fuel, and power. (See secs. 18 and 21, pp. 9 and 10.)