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WAGES AND HOURS OF LABOR SERIES

WAGES AND HOURS OF LABOR IN  
COTTON-GOODS MANUFACTURING  
1922



AUGUST, 1923

WASHINGTON  
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1923



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## WAGES AND HOURS OF LABOR IN COTTON-GOODS MANUFACTURING: 1922.

### INTRODUCTION AND SUMMARY.

This bulletin contains data for 62,833 wage earners employed in 97 representative establishments located in 12 States for the year 1922. Data were obtained from representative pay rolls for periods varying in the different mills from January to December. During the year wages were reduced in certain mills, but later in the year they were raised so that as a whole the figures are fairly comparable.

Summaries are shown for each year from 1907 to 1922, except 1915, 1917, 1919, and 1921, for which years no figures were obtained.

Previous reports of this bureau <sup>1</sup> have presented wages and hours of labor in the industry from 1890 to 1918 for both manufacturing and finishing. Since 1918 data for finishing have not been collected.

Table 1 shows a summary of available data for the principal occupations in the years 1907 to 1922, inclusive, covering earnings per hour and full-time and classified hours, and full-time earnings per week.

By reference to "drawing-frame tenders, male" in this table it will be seen that the average earnings per hour were 10 cents in 1907, and that wages did not change materially until in 1918 when the average reached 19.9 cents. The peak, 42.7 cents per hour, was reached in 1920. From 1920 to 1922 the level receded to 27 cents per hour. The classified hours for the same occupation show a considerable number of employees working 60 hours or more per week from 1907 to 1918, inclusive. In 1920 to 1922, the large group of male drawing-frame tenders are found in the column "Over 54 and under 57" hours. The hours for female drawing-frame tenders in the years 1920 to 1922 show a more marked decrease as compared with earlier years, the largest group falling in the 48-hour classification.

Other items in the table and other occupations may be studied in a like manner.

<sup>1</sup> Nineteenth Annual Report; Bulletin No. 59, July 1905; Bulletin No. 65, July, 1906; Bulletin No. 71, July, 1907; Bulletin No. 77, July, 1908; Bulletin No. 128, August 1913; Bulletin No. 150, May, 1914; Bulletin No. 190, May, 1916; Bulletin No. 239, April, 1918; Bulletin No. 262, November 1919; and Bulletin No. 288, September, 1921.



TABLE 1.—SUMMARY OF EARNINGS AND HOURS IN THE UNITED STATES, BY OCCUPATION AND SEX, IN SPECIFIED YEARS, 1907 TO 1922—Continued.

Occupation, sex, and year.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time earnings per week.	Number of employees whose full-time hours per week were—							
						Under 48.	48	Over 48 and under 54.	54	Over 54 and under 57.	57 and under 60.	Over 60.	
<b>Spinners, mule:</b>													
Male.....1907..	11	199	58.6	\$0.234	\$13.71						138	61	
1908..	11	193	58.4	.225	13.14						158	35	
1909..	11	156	58.5	.221	12.93						118	38	
1910..	14	222	57.0	.219	12.50					117	96	9	
1911..	16	288	56.8	.255	14.44					179	100	9	
1912..	16	266	55.7	.279	15.43				118	64	84		
1913..	16	258	55.6	.281	15.58				122	60	76		
1914..	14	245	54.9	.291	15.95				165	37	43		
1916..	17	334	54.7	.345	18.35				66	229	39		
1918..	17	303	54.3	.487	26.40				228	75			
1920..	14	253	48.9	.826	40.39	216			37				
1922..	11	220	50.0	.638	31.90	150			46	24			
<b>Spinners, frame:</b>													
Male.....1907..	25	184	59.4	.124	7.37						122	22	40
1908..	25	214	58.8	.119	7.00						136	74	4
1909..	25	188	58.9	.117	6.89						435	41	12
1910..	36	261	57.2	.120	6.83					160	53	44	4
1911..	46	700	57.2	.126	7.18					402	228	52	18
1912..	49	564	56.7	.144	8.14				237		269	45	13
1913..	49	530	56.9	.143	8.07				204	17	186	118	5
1914..	38	483	54.7	.150	8.19	14			212	164	18	75	
1916..	41	489	56.6	.164	9.21				232	52	16	189	
1918..	53	383	54.3	.248	13.48	55			222	10		96	
1920..	34	345	50.7	.475	24.08	41	165		18	106		75	
1922..	49	547	53.4	.292	13.59	61	71	9	60	275		11	
<b>Female.....</b>													
1907..	36	2,317	61.0	.110	6.71						1,000	305	1,012
1908..	36	2,114	59.9	.107	6.41						896	923	295
1909..	36	2,408	59.8	.106	6.34						1,107	951	350
1910..	59	3,704	59.0	.108	6.33					1,313	621	1,087	683
1911..	88	5,981	59.1	.111	6.51					1,590	1,639	1,811	941
1912..	88	6,764	58.0	.124	6.98					1,688	1,921	1,667	2,600
1913..	90	6,762	57.8	.128	7.33					1,925	1,993	1,742	2,778
1914..	90	6,906	56.9	.132	7.45	23				2,259	1,385	349	2,874
1916..	104	7,706	57.2	.149	8.24	14				2,269	1,385	544	3,465
1918..	105	7,752	56.1	.233	12.89	416				4,181	162	3	2,950
1920..	95	6,330	51.8	.427	22.12	363	2,640	64		210	2,221		528
1922..	96	6,634	52.6	.301	15.83	176	1,991	151		1,036	3,069		211
<b>Doffers:</b>													
Male.....1916..	99	3,206	57.9	.139	8.15	37		9		620	429	129	1,964
1918..	102	2,857	56.1	.231	12.87	333				976	47	1	1,470
1920..	89	2,717	53.1	.453	24.05	207	690			971	333		336
1922..	91	2,716	53.5	.302	16.16	104	524	51		169	1,724		144
<b>Female.....</b>													
1916..	19	537	55.0	.162	8.92	38		2		171	147	179	
1918..	26	703	52.6	.255	13.46	109				539	5		
1920..	21	543	49.8	.389	19.37	72	265	3		195	8		
1922..	28	460	50.9	.324	16.49	20	197	16		219	8		
<b>Spooler tenders:</b>													
Female.....1916..	104	3,662	57.2	.137	7.73	15				1,085	569	270	1,714
1918..	105	3,759	56.2	.207	11.46	152		33		1,841	125	1	1,598
1920..	95	3,010	52.2	.336	20.15	94	1,211	11		211	1,249		234
1922..	95	3,091	52.7	.264	13.91	84	861	113		309	1,617		107
<b>Creelers or tiers-in:</b>													
Male.....1920..	9	27	54.8	.393	21.54			1			26		
1922..	13	30	55.6	.304	16.90						27		3
<b>Female.....</b>													
1920..	62	428	52.6	.347	18.25	8	167			21	190		42
1922..	74	417	52.6	.244	12.83	2	146	5		38	206		20
<b>Warper tenders:</b>													
Male.....1916..	25	75	59.4	.176	10.41					7			68
1918..	30	82	59.6	.243	14.48					5			77
1920..	27	85	55.8	.525	29.30			1		2	67		15
1922..	35	101	55.9	.353	19.73	1	1			3	74		22
<b>Female.....</b>													
1916..	78	562	56.0	.182	10.15					237	143	57	123
1918..	82	559	55.4	.259	14.20	1				428	26	1	131
1920..	77	506	50.9	.460	23.41	3	301	8		49	117		28
1922..	77	502	51.8	.348	18.08			30		75	170		13

TABLE 1.—SUMMARY OF EARNINGS AND HOURS IN THE UNITED STATES, BY OCCUPATION AND SEX, IN SPECIFIED YEARS, 1907 TO 1922—Continued.

Occupation, sex, and year.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Number of employees whose full-time hours per week were—								
					Under 48.	48	Over 48 and under 54.	54	Over 54 and under 57.	57 and under 60.	Over 60.		
Beamer tenders:													
Male:													
1916..	22	328	56.0	\$0.271	\$15.01				208	11		100	
1918..	24	280	56.3	.404	22.63				167	9		103	
1920..	21	246	50.9	.711	36.19	1	146		3	96			
1922..	26	313	50.9	.538	27.38		185		5	123			
Female:													
1916..	5	91	54.8	.224	12.28				32	56		3	
1918..	7	113	54.1	.315	17.06				111			2	
1920..	5	100	48.3	.578	27.92		84	16					
1922..	5	85	51.5	.377	19.42		23	18	43	1			
Slasher tenders:													
Male:													
1907..	35	159	60.3	.183	11.03						77	29	53
1908..	35	158	59.6	.183	10.91						75	69	14
1909..	35	167	59.4	.180	10.69						82	73	12
1910..	57	276	58.4	.178	10.33					116	53	72	35
1911..	85	455	58.5	.194	11.26					149	144	106	56
1912..	85	449	57.4	.216	12.34				140	17	153	133	6
1913..	87	485	57.5	.212	12.09				144	15	154	167	5
1914..	87	528	56.8	.211	11.81		2		174	118	29	204	1
1916..	96	581	56.8	.241	13.48				196	123	46	215	.1
1918..	99	608	56.5	.340	18.73				349	16		239	4
1920..	89	504	52.1	.579	30.17		226	5	31	213		29	
1922..	92	547	52.7	.426	22.45		177	25	70	246	6	22	1
Drawers-in:													
Female:													
1916..	86	926	56.0	.191	10.47	2			399	227	67	228	3
1918..	81	834	55.3	.273	15.00	12		8	579	41		191	3
1920..	80	632	50.7	.485	24.59	8	382	8	60	148		26	
1922..	77	664	51.8	.352	18.23	3	281	50	85	226		19	
Warp - tying machines:													
Male:													
1920..	72	154	52.6	.590	31.03		55	6	13	70		10	
1922..	79	191	52.9	.425	22.48		58	6	27	90		10	
Loom fixers:													
Male:													
1907..	36	631	60.8	.207	12.59						277	105	249
1908..	36	619	59.7	.202	12.06						278	270	71
1909..	36	680	59.8	.197	11.78						304	286	90
1910..	59	1,267	58.7	.200	11.64					528	232	236	214
1911..	88	2,200	58.6	.209	11.80					729	659	543	269
1912..	88	2,290	57.7	.224	12.84				566	191	701	779	53
1913..	90	2,370	57.6	.227	12.96				643	178	692	817	40
1914..	90	2,491	56.8	.233	13.09				833	591	151	889	27
1916..	102	2,776	56.8	.270	15.17				904	639	208	972	53
1918..	103	2,709	56.4	.391	21.79				1,613	89	1	910	96
1920..	93	2,366	52.2	.685	35.76		1,078	15	188	867		193	25
1922..	95	2,456	52.9	.500	26.45		7	795	93	328	1,039	9	157
Weavers:													
Male:													
1907..	36	2,769	60.3	.161	9.71						1,397	502	870
1908..	36	2,848	59.6	.160	9.54						1,424	1,006	418
1909..	36	3,123	59.8	.151	9.03						1,497	1,156	470
1910..	58	5,334	58.8	.151	8.83					2,190	703	1,440	1,001
1911..	88	8,855	58.6	.156	9.08					3,129	2,366	2,195	1,165
1912..	88	9,775	57.5	.169	9.67				2,937	766	3,222	3,614	136
1913..	89	9,435	57.6	.170	9.73				2,708	607	2,200	3,889	81
1914..	89	9,755	56.8	.176	9.93	9			3,363	1,965	436	3,974	8
1916..	100	10,279	56.7	.205	11.54	19		3	3,677	1,944	674	3,959	3
1918..	103	8,301	56.2	.301	16.78	57			4,794	358	22	3,064	6
1920..	93	6,077	51.8	.573	29.68	22	2,885	11	401	2,487		271	
1922..	95	7,410	52.6	.389	20.44	40	2,606	140	727	3,546		351	
Female:													
1907..	36	3,724	59.5	.151	8.98						2,267	809	648
1908..	36	3,903	59.0	.152	8.97						2,473	1,197	233
1909..	36	3,930	59.1	.144	8.51						2,363	1,345	222
1910..	59	6,334	57.8	.147	8.47					3,210	1,676	849	599
1911..	88	10,792	57.9	.148	8.54					4,216	4,442	1,422	712
1912..	88	10,998	56.9	.163	9.26				3,890	626	4,464	1,908	110
1913..	89	11,236	56.7	.164	9.30				4,340	571	4,355	1,874	96
1914..	89	11,188	55.8	.167	9.30	12			4,780	3,286	736	2,337	37
1916..	101	11,546	55.7	.201	11.12	25		4	5,103	3,416	793	2,182	23
1918..	103	10,993	55.4	.285	15.62	112			7,980	370		2,486	45
1920..	92	7,681	50.3	.528	26.56		89	5,042	62	744	1,454		290
1922..	95	7,644	51.6	.380	19.59		41	3,535	228	1,648	1,998		194



TABLE 1.—SUMMARY OF EARNINGS AND HOURS IN THE UNITED STATES, BY OCCUPATION AND SEX, IN SPECIFIED YEARS, 1907 TO 1922—Concluded.

Occupation, sex, and year.	Number of establishments.	Number of employees.	Average full-time hours per week.	Average earnings per hour.	Average full-time earnings per week.	Number of employees whose full-time hours per week were—								
						Under 48.	48	Over 48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60	Over 60.	
<b>Trimmers or inspectors:</b>														
Male.....1920..	22	76	53.4	\$0.428	\$22.75		19		1	56				
.....1922..	28	78	54.3	.251	13.63		9		6	63				
<b>Female.....</b>														
.....1907..	30	251	60.4	.102	6.16						102	70	79	
.....1908..	30	261	60.0	.101	6.06						103	120	38	
.....1909..	30	285	59.6	.099	5.90						115	147	23	
.....1910..	46	408	58.3	.099	5.78					161	100	109	38	
.....1911..	75	712	58.7	.103	6.02					226	202	205	79	
.....1912..	77	708	57.7	.112	6.41			204	22	194	194	271	17	
.....1913..	77	687	57.9	.111	6.39			185	31	176	270	25		
.....1914..	74	720	57.2	.113	6.41			239	77	101	303			
.....1916..	83	971	56.7	.129	7.25	16		316	165	169	295	10		
.....1918..	87	1,175	55.6	.186	10.29	31		748	42		348	6		
.....1920..	76	1,045	51.6	.333	17.18	28	473	10	164	312	58			
.....1922..	78	1,056	52.5	.246	12.92	15	355	12	215	429	30			
<b>Other employees:</b>														
<b>Male.....</b>														
.....1914..	88	29,861	57.5	.151	8.59	186		7,852	7,084	1,496	12,334	909		
.....1916..	105	27,395	57.7	.176	10.05	220		25	6,801	6,133	1,973	11,250	993	
.....1918..	106	25,740	56.8	.270	15.18	1,126	4	3,131	1,995	719	1,116	9,428	1,149	
.....1920..	96	13,336	52.6	.419	22.04	789	4,350	156	1,082	5,588	9	1,362	100	
.....1922..	97	14,991	53.9	.289	15.58	464	3,606	360	1,856	7,224	36	936	509	
<b>Female.....</b>														
.....1914..	88	12,143	56.3	.123	6.89	129		4,554	2,897	802	3,722	39		
.....1916..	101	5,913	55.7	.140	7.82	152		5	2,317	1,753	303	1,355	28	
.....1918..	102	6,350	54.4	.224	12.08	665	14	19	4,177	1,151		1,315	9	
.....1920..	94	4,685	51.1	.322	16.45	585	1,984	37	251	1,317		511		
.....1922..	96	4,421	51.8	.244	12.64	279	1,435	204	701	1,620		182		

In Table 2 the average earnings per hour and a classification of employees in percentage form, by hourly rates, is shown for all available years from 1907 to 1922 for three of the most important occupations as examples of the spread of individual earnings. The classification in the earlier bulletins stopped at "25 cents and over," which makes it impossible to show, as desired, the higher spread for mule spinners.

TABLE 2.—SUMMARY OF AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR SPINNERS AND WEAVERS IN THE UNITED STATES, IN SPECIFIED YEARS, 1907 TO 1922.

Occupation, sex, and year.	Number of establishments.	Number of employ-ees.	Average earn-ings per hour.	Per cent of employees whose earnings per hour were—																	
				Under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 and under 80 cents.	80 and under 90 cents.	90 cents and under \$1.	\$1 and under \$1.10.	\$1.10 and under \$1.25.	\$1.25 and over.
<b>Spinners, mule:</b>																					
Male.....1907.....	11	199	\$0.234			1	1	4	12	54	29										
.....1908.....	11	193	.225					7	11	58	23										
.....1909.....	11	156	.221				3	6	11	68	12										
.....1910.....	14	222	.219				1	5	19	63	12										
.....1911.....	16	288	.255			1	2	2	11	51	33										
.....1912.....	16	266	.279		(1)			2	8	36	55										
.....1913.....	16	258	.281			(1)		3	5	33	58										
.....1914.....	14	245	.291		(1)			2	7	27	64										
.....1916.....	17	334	.345					(1)	6	29	37	27									
.....1918.....	17	303	.487						1	18	39	26	15								
.....1920.....	14	253	.826							1	11	12	28	13							
.....1922.....	11	220	.638							(1)	(1)	23	26	18	15	6	15	6	(1)		
<b>Spinners, frame:</b>																					
<b>Female.....</b>																					
.....1907.....	36	2,317	.110	44	15	23	12	4	2	(1)	1										
.....1908.....	36	2,114	.107	36	29	22	9	3	(1)	(1)											
.....1909.....	36	2,408	.106	41	26	24	8	2	(1)	(1)											
.....1910.....	59	3,704	.108	40	23	23	11	3	(1)	(1)											
.....1911.....	88	5,981	.111	35	26	25	11	3	(1)	(1)											
.....1912.....	88	6,364	.124	21	23	21	25	7	3	1											
.....1913.....	90	6,782	.128	20	22	18	25	10	4	1	(1)										
.....1914.....	90	6,906	.132	18	21	17	24	14	5	1	(1)										
.....1916.....	104	7,706	.149	17	13	13	10	12	21	12	1	(1)									
.....1918.....	105	7,752	.233	1	3	5	8	9	9	20	28	16	1								
.....1920.....	95	6,330	.427	(1)	(1)	(1)	(1)	1	1	4	10	23	29	24	5	1	(1)	(1)	(1)		
.....1922.....	96	6,634	.301	1	1	2	3	4	8	19	13	28	19	1							
<b>Weavers:</b>																					
<b>Male.....</b>																					
.....1907.....	36	2,769	.161	8	12	16	13	17	16	15	23										
.....1908.....	36	2,848	.160	5	15	16	15	14	16	17	21										
.....1909.....	36	3,123	.151	6	17	18	21	17	9	10	21										
.....1910.....	58	5,334	.151	5	16	21	21	17	10	9	21										
.....1911.....	88	8,855	.156	4	12	19	22	19	13	11	21										
.....1912.....	88	9,775	.169	3	9	15	16	19	16	19	23										
.....1913.....	89	9,485	.170	3	10	14	15	18	16	21	23										
.....1914.....	89	9,755	.176	3	7	12	15	17	16	25	25										
.....1916.....	100	10,279	.205	(1)	4	8	11	12	12	29	18	4	(5)								

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	1918..	103	8,301	.301	(1)	(1)	1	2	3	4	18	22	36	11	1	(9)								
	1920..	93	6,077	.573	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1	9	20	29	25	11	3	1	(1)	(1)	(1)	(1)	(1)
	1922..	95	7,410	.389	(1)	(1)	(1)	(1)	1	2	9	14	30	26	13	4	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
<b>Female.....</b>	1907..	36	3,724	.151	7	14	17	19	22	14	7	(1)												
	1908..	36	3,903	.152	5	15	20	20	20	12	6	(1)												
	1908..	36	3,930	.144	6	18	22	26	18	6	4	(1)												
	1910..	59	6,334	.147	6	19	22	25	15	8	4	(1)												
	1911..	88	10,792	.148	5	16	22	23	18	10	6	(1)												
	1912..	88	10,998	.163	3	10	15	19	20	16	15	(1)												
	1913..	89	11,236	.164	3	10	15	18	20	16	16	1												
	1914..	89	11,188	.167	3	10	13	17	20	16	19	2												
	1916..	101	11,546	.201	(1)	5	7	10	11	15	36	13	2	(6)										
	1918..	103	10,993	.285	(1)	1	2	3	4	5	17	23	37	6	(1)	(9)								
	1920..	92	7,681	.528	(1)	(1)	(1)	1	1	2	12	2	12	26	31	20	6	1	(1)	(1)	(1)	(1)	(1)	(1)
	1922..	95	7,644	.380	(1)	(1)	(1)	1	1	2	9	12	32	31	10	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

<sup>1</sup> Less than 1 per cent.

<sup>2</sup> Classified in former bulletins as "25 cents and over."

<sup>3</sup> Classified in former bulletins as "40 cents and over."

<sup>4</sup> Classified in former bulletins as "60 cents and over."

<sup>5</sup> Less than 1 per cent and classified in former bulletins as "40 cents and over."

<sup>6</sup> Less than 1 per cent and classified in former bulletins as "60 cents and over."

Index numbers have been computed for full-time hours per week, full-time earnings per week, and earnings per hour for all occupations for which data are available for the industry, 1907 to 1922, inclusive. These index numbers are based on the averages shown in Table 1 and are percentages in which the figures for 1913 are used as the base or 100 per cent; that is, the index number for each year is the per cent that the average for that year is of the average for 1913. The figures for 1913 are used in order to bring into direct comparison the earlier and later years with the year immediately preceding the beginning of the World War. Table 3 shows, for example, that relatively the full-time weekly earnings of female drawing-frame tenders in 1910 were 20 per cent lower than for 1913. In 1918, they were 75 per cent higher; in 1920, 188 per cent higher; while in 1922 they were 119 per cent higher than in 1913. In the same manner, the trend of other occupations may be studied.

The summary for the industry as a whole at the end of the table has been carried back only to 1910. It shows the full-time weekly earnings for the industry to be 192 per cent higher in 1920 than in 1913; that is, nearly three times as high, and 105 per cent higher in 1922 than in 1913, which indicates a drop of approximately 30 per cent from 1920 to 1922, but still leaving the weekly earnings more than twice as high as in 1913. Average earnings per hour in 1920 were  $3\frac{1}{2}$  times the earnings in 1913, while in 1922 they were still  $2\frac{1}{2}$  times the earnings of 1913. The decrease in hourly earnings between 1920 and 1922 was 31 per cent.

TABLE 3.—INDEX NUMBERS OF FULL-TIME HOURS PER WEEK, EARNINGS PER HOUR, AND FULL-TIME EARNINGS PER WEEK, BY OCCUPATION AND SEX, IN SPECIFIED YEARS, 1907 TO 1922.

Occupation, sex, and year.	Index numbers of—			Occupation, sex, and year.	Index numbers of—		
	Full-time hours per week.	Earnings per hour.	Full-time earnings per week.		Full-time hours per week.	Earnings per hour.	Full-time earnings per week.
<b>Drawing-frame tenders:</b>				<b>Speeder tenders:</b>			
<b>Male.....</b>				<b>Male.....</b>			
1907..	104	92	96	1907..	107	80	85
1908..	103	90	93	1908..	102	85	86
1909..	103	91	94	1909..	102	89	90
1910..	103	88	90	1910..	103	90	92
1911..	103	89	91	1911..	102	98	94
1912..	100	99	99	1912..	100	98	97
1913..	100	100	100	1913..	100	100	100
1914..	100	106	106	1914..	99	106	104
1916..	101	116	116	1916..	98	120	116
1918..	99	183	180	1918..	97	183	175
1920..	93	392	366	1920..	91	368	331
1922..	93	248	230	1922..	90	247	222
<b>Female.....</b>				<b>Female.....</b>			
1907..	106	81	86	1907..	105	91	96
1908..	105	81	85	1908..	105	90	95
1909..	105	79	83	1909..	105	88	93
1910..	103	78	80	1910..	102	87	89
1911..	102	83	84	1911..	102	89	91
1912..	101	96	96	1912..	100	97	98
1913..	100	100	100	1913..	100	100	100
1914..	98	103	100	1914..	99	101	101
1916..	98	118	116	1916..	98	123	121
1918..	97	182	175	1918..	97	181	175
1920..	89	323	288	1920..	89	313	283
1922..	91	240	219	1922..	90	241	219

TABLE 3.—INDEX NUMBERS OF FULL-TIME HOURS PER WEEK, EARNINGS PER HOUR, AND FULL-TIME EARNINGS PER WEEK, BY OCCUPATION AND SEX, IN SPECIFIED YEARS, 1907 TO 1922—Concluded.

Occupation, sex, and year.	Index numbers of—			Occupation, sex, and year.	Index numbers of—		
	Full-time hours per week.	Earnings per hour.	Full-time earnings per week.		Full-time hours per week.	Earnings per hour.	Full-time earnings per week.
<b>Spinners, mule:</b>				<b>Loom fixers:</b>			
Male.....1907..	105	83	88	Male.....1907..	106	91	97
1908..	105	80	84	1908..	104	89	93
1909..	105	79	83	1909..	104	87	91
1910..	103	78	80	1910..	102	88	90
1911..	102	91	93	1911..	102	89	91
1912..	100	99	99	1912..	100	99	99
1913..	100	100	100	1913..	100	100	100
1914..	99	104	102	1914..	99	103	101
1916..	98	123	121	1916..	99	119	117
1918..	98	173	169	1918..	98	172	168
1920..	88	294	259	1920..	91	302	276
1922..	90	227	205	1922..	92	220	204
<b>Spinners, frame:</b>				<b>Weavers:</b>			
Male.....1907..	104	87	91	Male.....1907..	105	95	100
1908..	103	83	87	1908..	103	94	98
1909..	104	82	85	1909..	104	89	93
1910..	101	84	85	1910..	102	89	91
1911..	101	88	89	1911..	102	92	93
1912..	100	101	101	1912..	100	99	99
1913..	100	100	100	1913..	100	100	100
1914..	96	105	101	1914..	99	104	102
1916..	99	115	114	1916..	98	121	119
1918..	95	173	167	1918..	98	177	172
1920..	89	332	298	1920..	90	337	305
1922..	94	204	193	1922..	91	229	210
Female.....1907..	106	86	92	Female.....1907..	105	92	97
1908..	104	84	87	1908..	104	93	96
1909..	103	83	86	1909..	104	88	92
1910..	102	84	86	1910..	102	90	91
1911..	102	87	89	1911..	102	90	92
1912..	100	97	95	1912..	100	99	100
1913..	100	100	100	1913..	100	100	100
1914..	98	103	102	1914..	98	102	100
1916..	99	116	112	1916..	98	123	120
1918..	97	182	176	1918..	98	174	168
1920..	90	334	302	1920..	89	322	286
1922..	91	235	216	1922..	91	232	211
<b>Slasher tenders:</b>				<b>Trimmers or inspectors:</b>			
Male.....1907..	105	86	91	Female.....1907..	104	92	96
1908..	104	86	90	1908..	104	91	95
1909..	108	85	88	1909..	103	89	92
1910..	102	84	85	1910..	101	89	90
1911..	102	92	93	1911..	101	93	94
1912..	100	102	102	1912..	100	101	100
1913..	100	100	100	1913..	100	100	100
1914..	99	100	98	1914..	99	102	100
1916..	99	114	111	1916..	98	116	113
1918..	98	180	155	1918..	96	168	161
1920..	91	273	250	1920..	89	300	269
1922..	92	201	186	1922..	91	222	202

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1910.....	102	88	90	1916.....	99	120	118
1911.....	102	90	92	1918.....	97	179	176
1912.....	100	99	99	1920.....	90	324	292
1913.....	100	100	100	1922.....	91	222	205
1914.....	98	103	101				

In the New England mills there was a general reduction of wages of about 22½ per cent in December, 1920. There were further reductions late in 1921 or early in 1922 of about 20 per cent. Late in 1922 this cut was restored by an increase of 25 per cent in many of

the mills. Thus at the close of 1922 the wage level in New England was as a whole about the same as at the beginning of the year.

One establishment in Connecticut reported an increase of hours from 48 to 54 per week in February, 1922.

The New York and Pennsylvania mills showed about 25 per cent reduction for the 5 mills reported as compared with 1920.

In the Southern States the 58 mills reported showed reductions in wages ranging from 23½ per cent to 50 per cent, with an average for all mills of about 38 per cent, as compared with the high point in 1920.

Not much overtime was worked during the period canvassed and only a few mills paid more than regular rates for overtime.

About 40 per cent of the mills in the South paid bonuses of various kinds for production or attendance, each mill having its own system. No bonuses were reported in New England. New York and Pennsylvania had a few mills paying production or attendance bonuses.

The next table (4) shows the average and classified days the establishments canvassed were in operation and the number of days idle, by specified causes, for the year ended December 31, 1921. It will be observed that of the 96 establishments reporting 35 were in operation more than 300 days, 35 were in operation 285 days and under 300, and 11 were in operation 270 and under 285 days. In other words 81 establishments or more than 84 per cent of the total were in operation more than 10 months during the year.

The most important cause of idleness was slack work, with holidays and vacation coming next. Under other causes, the average of 5.7 days was caused mainly by interruption of power and by strike. Certain mills in North Carolina and in South Carolina had strikes which were the chief cause of idleness reported in this column.

TABLE 4.—AVERAGE AND CLASSIFIED NUMBER OF DAYS MILLS WERE IN OPERATION, AND AVERAGE NUMBER OF WEEK DAYS IDLE WITH CAUSE OF IDLENESS, BY STATE, FOR YEAR ENDING DECEMBER 31, 1921.

State.	Number of establishments.	Number of days in operation during year.	Number of establishments in operation—							Average number of week days idle during year on account of—				
			Under 225 days	225 and under 240 days	240 and under 255 days	255 and under 270 days	270 and under 285 days	285 and under 300 days	300 days and over.	Holidays and vacation.	Slack business.	Inventories.	Repairs.	Other causes.
Alabama.....	6	292.5	.....	1	.....	.....	.....	1	4	6.3	14.2	.....	.....	.....
Connecticut.....	4	285.5	.....	.....	.....	1	.....	2	1	6.8	16.8	.....	4.0	.....
Georgia.....	9	292.1	.....	1	.....	.....	2	.....	6	4.4	11.9	0.7	2.0	1.9
Maine.....	5	291.8	.....	.....	.....	.....	1	2	2	7.2	14.0	.....	.....	.....
Massachusetts.....	14	284.5	.....	.....	2	1	1	7	3	9.9	16.4	.1	1.8	.4
New Hampshire.....	5	295.2	.....	.....	.....	.....	.....	4	1	16.0	.....	.....	1.8	.....
New York.....	2	297.0	.....	.....	.....	.....	.....	2	.....	6.5	6.0	.....	2.5	1.0
North Carolina.....	21	271.4	4	2	.....	.....	3	10	2	11.0	10.5	.....	.9	19.2
Pennsylvania.....	14	268.5	1	.....	1	.....	.....	.....	2	6.8	37.8	.....	.....	.....
Rhode Island.....	4	299.3	.....	.....	.....	.....	.....	1	3	6.3	7.5	.....	.....	.....
South Carolina.....	19	289.0	.....	.....	.....	.....	4	4	10	5.7	11.8	.....	.3	6.2
Virginia.....	3	297.0	.....	.....	.....	.....	.....	.....	2	12.0	4.0	.....	.....	.....
Total.....	96	285.3	6	4	3	2	11	35	35	8.3	12.6	.1	1.0	5.7

<sup>1</sup> Not including 1 establishment for which data were not reported.

Table 5 illustrates the number of starts made both by the establishments and by the employees during the pay period studied. By

starts is meant the number of calendar days on which the mill operated or the employees worked. This study determines the opportunity afforded for work and the regularity on the part of the employees. These data have been tabulated for selected occupations only, but these groups may be accepted as representative of all employees.

There are two sections of the table. The first relates to a one-week pay period, the second to a two-week pay period. A two-week pay period was taken for all weavers because of more or less unfinished work carried over from week to week.

It will be seen by reference to this table that the mills wherein certain occupations were carried for one week made an average of 5.6 to 6.0 starts, while the average for the spinners ranged from 4.7 to 5.8 for the one-week pay period. In the case of the two-week pay period, the average for the mills was 11.8 starts and for the weavers from 10.2 to 10.6 starts in the two-week period.

TABLE 5.—AVERAGE AND CLASSIFIED NUMBER OF DAYS FOR PAY PERIOD ON WHICH MILLS OPERATED, AND ON WHICH SPINNERS AND WEAVERS STARTED TO WORK.

**ONE-WEEK PAY PERIOD.**

Occupation and sex.	Number of establishments.	Average starts for establishments, weighted by number of employees.	Number of establishments in which starts (days worked) in period were—					
			1	2	3	4	5	6
Spinners, mule, male.....	10	6.0	.....	.....	.....	.....	.....	10
Spinners, frame, male.....	46	5.6	.....	.....	.....	.....	10	36
Spinners, frame, female.....	88	5.9	.....	.....	.....	1	4	83

  

Occupation and sex.	Number of employees.	Average starts (days) per employee.	Number of employees whose starts (days worked) in period were—					
			1	2	3	4	5	6
Spinners, mule, male.....	210	5.8	1	2	3	5	10	189
Spinners, frame, male.....	517	4.7	33	25	36	71	170	182
Spinners, frame, female.....	6,377	5.1	164	194	366	745	1,373	3,535

**TWO-WEEK PAY PERIOD.**

Occupation and sex.	Number of establishments.	Average start for establishments, weighted by number of employees.	Number of establishments in which starts (days worked) in period were—									
			5	6	7	8	9	10	11	12		
Weavers, male....	95	11.8	.....	.....	.....	2	.....	6	2	.....	85	
Weavers, female....	95	11.8	.....	.....	.....	2	.....	2	2	.....	89	

  

Occupation and sex.	Number of employees.	Average starts (days) per employee.	Number of employees whose starts (days worked) in period were—											
			1	2	3	4	5	6	7	8	9	10	11	12
Weavers, male....	7,410	10.2	77	86	97	118	194	460	142	310	396	749	769	4,012
Weavers, female..	7,644	10.6	54	67	72	102	146	536	115	192	270	376	579	5,135

## EXPLANATION OF SCOPE AND METHOD.

This report includes data from establishments which make woven cotton goods having a wide range of weight and quality but not including narrow goods and novelties. Mills making mixed cotton and silk goods are not included. All data were obtained from the pay rolls and records of the various establishments by agents of the bureau.

The number of establishments included or summarized in the reports has varied since 1907, as follows:

1907 to 1909.....	36 establishments.
1910.....	59 establishments.
1911.....	88 establishments.
1912.....	88 establishments.
1913.....	90 establishments.
1914.....	90 establishments.
1916.....	105 establishments.
1918.....	106 establishments.
1920.....	96 establishments.
1922.....	97 establishments.

In the selection of establishments from which to obtain data, all States in which cotton manufacturing is of material importance have been represented, the measure of importance being the number of wage earners as reported by the United States Census of Manufactures.

Table 6 shows by States the number of employees in the industry as reported by the United States Census, 1919, the number of establishments from which the bureau obtained data for 1922, and the number of employees in such establishments.

TABLE 6.—TOTAL NUMBER OF EMPLOYEES IN COTTON-GOODS MANUFACTURING IN UNITED STATES AND NUMBER OF EMPLOYEES FOR WHICH DATA ARE SHOWN FOR 1922.

State.	Number of employees reported by United States Census, 1919.	Establishments and employees for which data are shown for 1922 in this report.	
		Number of establishments.	Number of employees.
Alabama.....	18,102	6	4,824
Connecticut.....	15,647	4	2,180
Georgia.....	38,283	9	5,891
Maine.....	11,763	5	3,117
Massachusetts.....	122,499	14	16,391
New Hampshire.....	21,133	5	5,751
New York.....	9,220	2	1,958
North Carolina.....	67,297	21	7,371
Pennsylvania.....	9,767	5	1,258
Rhode Island.....	31,405	4	2,307
South Carolina.....	48,079	19	9,188
Virginia.....	6,518	3	2,597
Other States.....	31,203	.....	.....
Total.....	430,966	97	62,833

According to the census of 1919, more than 92 per cent of the total number of employees in the industry are found in the States in which the establishments furnishing information to the Bureau of Labor Statistics are located. The number of employees for which the bureau obtained 1922 data and for which detailed information for 1922 is presented is more than 15 per cent of the total in the industry as shown by the 1919 census.



Full-time hours per week are the regular hours during which, under normal conditions, employees are on duty. Such hours do not in any way indicate the extent of unemployment. Employees may work overtime, or broken time, or be laid off, or a temporary reduction may be made in working hours without affecting the full-time hours as here presented.

The rates of wages or earnings per hour as shown include the wages of time workers and the earnings of pieceworkers and are obtained by dividing the total earnings by the total number of hours worked.

In cases where no record of the actual time worked was regularly kept, the establishments, at the request of the bureau, kept a record for the pay-roll period selected. The full-time earnings per week are the earnings of employees working full time, or the earnings on broken time reduced to equivalent earnings for a full week.

Figures relating to wages and hours are shown separately for 19 of the more important occupations, and all employees not included under any of the selected occupations are combined and shown under "Other employees." The occupations are arranged in the tables approximately in the order of manufacture, as follows:

Picker tenders.	Creelers or tiers-in.
Card tenders and strippers.	Warper tenders.
Card grinders.	Beamer tenders.
Drawing-frame tenders.	Slasher tenders.
Slubber tenders.	Drawers-in.
Speeder tenders.	Warp-tying machine tenders.
Spinners, mule.	Loom fixers.
Spinners, frame.	Weavers.
Doffers.	Trimmers or inspectors.
Spooler tenders.	Other employees.

Of the 19 occupations tabulated, data are shown for males only in 7; for females only in 2; and for both males and females in 10 occupations.

#### GENERAL TABLES.

In addition to the text tables already shown, four general tables of 1922 data only are presented as follows:

TABLE A.—Earnings and hours, by occupation, sex, and State, 1922. All occupations except weavers are shown on the basis of a weekly pay roll. Data for all weavers were obtained for a two-week period and are so tabulated.

TABLE B.—Average and classified earnings per hour for spinners and weavers, by sex and State, 1922. These two major occupations illustrate the spread of individual earnings.

TABLE C.—Average and classified actual hours worked in pay period for spinners and weavers who made as many starts as the mills operated in pay period, by sex and State, 1922. This table presents the average full-time hours of all employees in these selected major occupations in comparison with the average hours actually worked by the employees who worked as many starts (days) as the mills operated. Further, the table presents in classified form the hours actually worked by the spinners and weavers who worked as many starts as the mills were in operation. Although an employee may have worked on as many different days as the mill was in operation, he or she may not have worked the full mill hours each day, or even on any day. To illustrate, the table shows one female frame spinner

in North Carolina working 16 and under 20 hours in the week. This girl worked on each of the 6 days but all told made but 17 hours in the mill where the full-time made by many of the spinners was 55 hours. Such employees as did not make as many starts as did the mills in which they worked are omitted from the classification.

TABLE D.—Average and classified actual earnings in pay period for spinners and weavers who made as many starts as the mills operated in pay period, by sex and State, 1922.

TABLE A.—EARNINGS AND HOURS, BY OCCUPATION, SEX, AND STATE, 1922.

ONE-WEEK PAY PERIOD.

State.	Number of establishments.	Number of employ-ees.	Average earnings per hour.	Average full-time earnings per week.	Average earnings received in one week.	Average full-time hours worked in one week.	Average hours worked in one week.	Per cent of full time worked.	Number of employees whose full-time hours per week were—						
									Under 48.	48	Over 48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60

PICKER TENDERS: Male.

Ala.....	6	65	\$0.203	\$11.41	\$9.91	56.2	48.7	86.7	.....	.....	1	.....	47	.....	17	.....
Conn.....	4	15	.309	19.59	19.56	53.1	52.9	99.6	.....	4	.....	.....	11	.....	.....	.....
Ga.....	9	69	.213	11.86	12.03	55.7	56.5	101.8	.....	.....	.....	2	57	.....	10	.....
Me.....	5	49	.356	19.22	18.43	54.0	51.7	95.7	.....	.....	.....	49	.....	.....	.....	.....
Mass.....	13	160	.408	19.53	19.10	48.0	46.8	97.5	.....	160	.....	.....	.....	.....	.....	.....
N. H.....	5	110	.378	20.30	19.63	53.7	51.9	96.6	.....	.....	27	71	12	.....	.....	.....
N. Y.....	2	19	.342	17.10	15.74	50.0	46.0	92.0	.....	13	.....	4	.....	.....	.....	.....
N. C.....	21	89	.267	14.77	13.47	55.3	50.4	91.1	.....	.....	.....	.....	88	.....	1	.....
Pa.....	5	18	.336	17.57	16.64	52.3	49.5	94.6	.....	1	6	11	.....	.....	.....	.....
R. I.....	3	20	.391	18.77	18.52	48.0	47.4	98.7	.....	20	.....	.....	.....	.....	.....	.....
S. C.....	19	122	.199	10.95	9.33	55.0	46.7	84.9	.....	.....	.....	.....	122	.....	.....	.....
Va.....	3	41	.274	15.12	14.13	55.2	51.5	93.3	.....	.....	.....	.....	41	.....	.....	.....
Total...	95	777	.305	16.20	15.15	53.1	49.7	93.6	.....	198	34	137	380	.....	28	.....

CARD TENDERS AND STRIPPERS: Male.

Ala.....	6	113	\$0.209	\$11.70	\$10.19	56.0	48.8	87.1	.....	.....	3	.....	85	.....	25	.....
Conn.....	4	36	.365	18.80	18.60	51.0	51.0	99.0	.....	18	.....	.....	18	.....	.....	.....
Ga.....	9	111	.226	12.70	10.34	56.2	45.8	81.5	.....	.....	.....	2	82	.....	27	.....
Me.....	5	46	.368	19.87	19.36	54.0	52.6	97.4	.....	.....	.....	46	.....	.....	.....	.....
Mass.....	14	194	.436	21.28	20.54	48.8	47.1	96.5	.....	180	2	.....	.....	.....	.....	.....
N. H.....	5	166	.404	21.74	20.90	53.8	51.7	96.0	.....	.....	25	135	6	.....	.....	.....
N. Y.....	2	26	.445	22.25	20.62	50.0	46.3	92.6	.....	18	.....	5	3	.....	.....	.....
N. C.....	21	131	.288	15.90	13.82	55.2	47.9	86.8	.....	.....	.....	.....	131	.....	.....	.....
Pa.....	5	27	.325	16.93	16.43	52.1	50.6	97.1	.....	3	8	16	.....	.....	.....	.....
R. I.....	3	19	.459	22.03	22.48	48.0	48.9	101.9	.....	19	.....	.....	.....	.....	.....	.....
S. C.....	19	182	.232	12.76	9.85	55.0	42.4	77.1	.....	.....	.....	.....	182	.....	.....	.....
Va.....	3	45	.312	17.19	15.65	55.1	50.2	91.1	.....	.....	.....	.....	45	.....	.....	.....
Total...	96	1,096	.325	17.39	15.53	53.5	47.7	89.2	.....	238	38	204	552	.....	64	.....

CARD GRINDERS: Male.

Ala.....	6	25	\$0.322	\$17.90	\$17.48	55.6	54.2	97.5	.....	.....	1	.....	20	.....	4	.....
Conn.....	4	13	.447	22.89	23.20	51.2	51.9	101.4	.....	7	.....	.....	6	.....	.....	.....
Ga.....	9	33	.327	18.38	16.62	56.2	50.8	90.4	.....	.....	.....	1	24	.....	8	.....
Me.....	5	18	.476	25.70	25.72	54.0	54.0	100.0	.....	.....	.....	18	.....	.....	.....	.....
Mass.....	14	77	.525	25.24	25.24	48.1	48.1	100.0	.....	75	2	.....	.....	.....	.....	.....
N. H.....	5	32	.527	28.30	28.56	53.7	54.2	100.9	.....	.....	8	23	1	.....	.....	.....
N. Y.....	2	8	.501	25.30	25.38	50.5	50.6	100.2	.....	5	.....	1	2	.....	.....	.....
N. C.....	20	43	.376	20.76	18.97	55.2	50.5	91.5	.....	.....	.....	.....	43	.....	.....	.....
Pa.....	4	6	.412	21.63	22.15	52.5	53.7	102.3	.....	1	1	3	1	.....	.....	.....
R. I.....	3	10	.468	22.46	23.82	48.0	51.0	106.3	.....	10	.....	.....	.....	.....	.....	.....
S. C.....	19	51	.347	19.09	18.77	55.0	54.0	98.2	.....	.....	.....	.....	51	.....	.....	.....
Va.....	3	16	.362	19.98	19.48	55.2	53.8	97.5	.....	.....	.....	.....	16	.....	.....	.....
Total...	94	332	.424	22.43	21.89	52.9	51.6	97.5	.....	98	12	46	164	.....	12	.....

TABLE A.—EARNINGS AND HOURS, BY OCCUPATION, SEX, AND STATE, 1922—Continued.

ONE-WEEK PAY PERIOD—Continued.

State.	Number of establishments.	Number of employ-ees.	Average earnings per hour.	Average full-time earnings per week.	Average earnings re-ceived in one week.	Average full-time hours per week.	Average hours work-ed in one week.	Per cent of full time work-ed.	Number of employees whose full-time hours per week were—					
									Under 48.	48	Over 48 and under 54.	54	Over 54 and under 57.	57 and under 60.

DRAWING-FRAME TENDERS: Male.

Ala.....	4	32	\$0.179	\$9.74	\$9.12	54.4	51.0	93.8			4		28			
Conn.....	4	17	.278	14.37	13.46	51.7	48.4	93.6	4	2			11			
Ga.....	9	64	.200	11.22	8.39	56.1	42.0	74.9				1	49		14	
Me.....	3	12	.291	15.22	13.58	52.3	46.7	89.3	2			10				
Mass.....	9	79	.361	17.91	16.95	49.6	46.9	94.6		55	14		5		5	
N. Y.....	2	12	.333	17.75	16.52	53.3	49.5	92.9		2		7				
N. C.....	21	110	.295	16.25	13.67	55.1	46.3	84.0					110			
Pa.....	2	11	.256	12.98	12.47	50.7	48.7	96.1			9	2				
R. I.....	2	9	.348	16.70	15.64	48.0	45.0	93.7		9						
S. C.....	19	154	.221	12.04	8.86	54.5	40.2	73.8	7				147			
Va.....	3	40	.314	17.33	15.40	55.2	49.1	88.9					40			
Other States	1	12	.292	15.33	15.07	52.5	51.6	98.3			12					
Total..	79	552	.270	14.53	12.14	53.8	44.9	83.5	13	68	39	20	393		19	

DRAWING-FRAME TENDERS: Female.

Ala.....	5	60	\$0.162	\$9.12	\$7.52	56.3	46.3	82.2					45		15	
Conn.....	3	23	.269	13.56	12.68	50.4	47.1	93.5	2	12			1	47		
Ga.....	8	64	.189	10.82	8.43	56.2	44.5	79.2					1		16	
Me.....	4	64	.271	14.63	14.39	54.0	53.1	98.3					64			
Mass.....	14	247	.314	15.07	13.37	48.0	43.8	91.3		245						
N. H.....	5	98	.301	16.19	15.48	53.8	51.4	95.5			16		82			
N. Y.....	2	24	.295	14.25	13.05	48.3	44.3	91.7		23			1			
Pa.....	4	17	.247	13.17	11.32	53.3	45.9	86.1		2			15			
R. I.....	2	21	.335	16.08	13.95	48.0	41.7	86.9		2						
S. C.....	2	5	.228	12.54	9.28	55.0	40.6	73.8						5		
Total..	49	623	.276	14.21	12.79	51.5	46.4	91.0	4	303	16	163	106		31	

SLUBBER TENDERS: Male.

Ala.....	6	59	\$0.276	\$15.48	\$13.65	56.1	49.4	88.1			1		44		14	
Conn.....	4	16	.448	23.25	22.20	51.9	49.6	95.6		7			9			
Ga.....	9	84	.316	17.73	13.41	56.1	42.4	75.6				1	65		18	
Me.....	5	33	.483	26.08	24.57	54.0	50.9	94.3				33				
Mass.....	14	126	.479	23.28	22.65	48.6	47.3	97.3		116	3		2		5	
N. H.....	5	102	.475	25.60	24.87	53.9	52.4	97.2			15	76	11			
N. Y.....	2	16	.419	21.12	21.33	50.4	50.9	101.0		10		4	2			
N. C.....	21	89	.350	19.36	16.43	55.3	47.0	85.0					87		2	
R. I.....	3	20	.512	24.58	21.89	48.0	42.8	89.2		20						
S. C.....	19	117	.291	16.01	13.28	55.0	45.6	82.9					117			
Va.....	3	25	.389	21.47	20.86	55.2	53.7	97.3					25			
Other States	1	2	.319	17.21	17.21	54.0	54.0	100.0				2				
Total..	92	689	.390	20.87	18.63	53.5	47.7	89.2		153	19	116	362		39	

SLUBBER TENDERS: Female.

Conn.....	2	4	\$0.366	\$20.13	\$19.23	55.0	52.5	95.5					4			
Mass.....	4	31	.430	20.64	19.48	48.0	45.3	94.4								
N. H.....	2	7	.447	24.15	24.15	54.0	54.0	100.0		31			7			
Pa.....	5	22	.311	16.05	14.51	51.6	46.7	90.5			4	7	11			
Other States	2	9	.392	18.82	16.74	48.0	42.7	89.0			9					
Total..	15	73	.388	19.44	18.08	50.1	46.6	93.0		44	7	18	4			

TABLE A.—EARNINGS AND HOURS, BY OCCUPATION, SEX, AND STATE, 1922—Continued.

ONE-WEEK PAY PERIOD—Continued.

State.	Number of establishments.	Number of employes.	Average earnings per hour.	Average full-time earnings per week.	Average earnings received per week.	Average full-time hours per week.	Average hours worked in one week.	Percent of full time worked.	Number of employees whose full time hours per week were—						
									Under 48.	48	Over 48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60
Ala.....	6	136	\$0.253	\$14.07	\$12.41	55.6	49.0	88.1			2		116		18
Conn.....	4	53	.450	23.45	21.32	52.1	47.4	91.0		22			31		
Ga.....	9	233	.293	16.47	12.45	56.2	42.5	75.6				8	167		58
Me.....	4	25	.420	22.68	21.80	54.0	51.8	95.9				25			
Mass.....	12	267	.501	24.75	22.00	49.4	43.9	88.9	1	224	4		17		21
N. H.....	5	83	.463	24.82	23.37	53.6	50.5	94.2			24	53	6		
N. Y.....	2	42	.431	22.89	21.75	53.1	50.4	94.9		10		10	22		
N. C.....	21	327	.353	19.49	16.97	55.2	48.1	87.1					323		4
R. I.....	4	32	.450	22.86	17.93	50.8	39.8	78.3		17		15			
S. C.....	19	414	.277	15.24	11.96	55.0	43.1	78.4					414		
Va.....	3	132	.391	21.58	18.67	55.2	47.8	86.6					132		
Other States	1	1	.330	17.83	17.83	54.0	54.0	100.0				1			
Total..	90	1,745	.358	19.37	16.36	54.1	45.6	84.3	1	273	30	112	1,228		101

SPEEDER TENDERS: Male.

Ala.....	6	89	\$0.230	\$12.79	\$11.24	55.6	48.8	87.7					79		10
Conn.....	4	152	.394	19.47	18.38	50.7	47.9	94.5			93		59		
Ga.....	9	111	.263	14.86	11.12	56.5	42.4	75.0				4	74		33
Me.....	5	236	.382	20.63	19.54	54.0	51.1	94.6	1			235			
Mass.....	14	937	.402	19.30	18.16	48.0	45.2	94.2		937					
N. H.....	5	243	.419	22.46	21.56	53.6	51.5	96.1			68	175			
N. Y.....	2	152	.357	17.49	16.66	49.0	46.7	95.3		128		18	6		
N. C.....	14	37	.322	17.74	14.47	55.1	45.0	81.7					37		
Pa.....	5	63	.296	15.57	14.32	52.6	48.4	92.0	3	5	11	44			
R. I.....	4	157	.393	19.41	16.99	49.4	43.3	87.7		120		37			
S. C.....	18	168	.250	13.73	10.98	54.9	43.8	79.8	2				166		
Va.....	3	27	.328	18.14	15.51	55.3	47.3	85.5					27		
Total..	89	2,372	.369	18.82	17.20	51.0	46.6	91.4	6	1,283	79	513	448		43

SPEEDER TENDERS: Female.

Ala.....	3	56	\$0.550	\$28.05	\$27.33	51.0	49.7	97.5		32			24		
Conn.....	3	36	.501	27.05	25.29	54.0	50.5	93.5				36			
Ga.....	3	108	.751	36.05	34.84	48.0	46.4	96.7		108					
Other States	2	20	.563	28.71	27.25	51.0	48.4	94.9		10		10			
Total..	11	220	.638	31.90	30.68	50.0	48.1	96.2		150		46	24		

SPINNERS, MULE: Male.

Conn.....	3	56	\$0.550	\$28.05	\$27.33	51.0	49.7	97.5		32			24		
Me.....	3	36	.501	27.05	25.29	54.0	50.5	93.5				36			
Mass.....	3	108	.751	36.05	34.84	48.0	46.4	96.7		108					
Other States	2	20	.563	28.71	27.25	51.0	48.4	94.9		10		10			
Total..	11	220	.638	31.90	30.68	50.0	48.1	96.2		150		46	24		

SPINNERS, FRAME: Male.

Ala.....	3	41	\$0.174	\$9.83	\$8.54	56.5	49.1	86.9					29		12
Conn.....	3	12	.372	19.72	15.61	53.0	41.9	79.1	1	2			9		
Ga.....	5	44	.240	12.67	10.20	52.8	42.4	80.3	10				34		
Me.....	2	6	.277	14.96	9.98	54.0	36.0	66.7				6			
Mass.....	6	124	.375	20.06	17.41	53.5	46.4	86.7	7	58					59
N. H.....	2	34	.448	24.19	23.59	54.0	52.7	97.6				34			
N. Y.....	2	51	.397	21.28	17.96	53.6	45.2	84.3		9		8	34		
N. C.....	8	22	.191	10.07	8.01	52.7	42.1	79.9	5			4	17		
Pa.....	2	13	.288	14.75	12.86	51.2	44.7	87.3			9	4			
R. I.....	2	10	.326	17.21	14.01	52.8	43.0	81.0		2		8			
S. C.....	13	165	.179	9.45	6.66	52.8	37.2	70.5	37				128		
Other States	1	25	.362	19.77	12.92	54.6	35.7	65.4	1				24		
Total..	49	547	.292	15.59	12.48	53.4	42.8	80.1	61	71	9	60	275		71

TABLE A.—EARNINGS AND HOURS, BY OCCUPATION, SEX, AND STATE, 1922—Continued.  
ONE-WEEK PAY PERIOD—Continued.

State.	Number of establishments.	Number of employ-ees.	Average earnings per hour.	Average full-time earnings per week.	Average earnings received in one week.	Average full-time hours per week.	Average hours worked in one week.	Per cent of full time worked.	Number of employees whose full-time hours per week were—										
									Under 48.	48	Over 48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60	Over 60.			
<b>SPINNERS, FRAME: Female.</b>																			
Ala.....	6	505	\$0.179	\$9.97	\$8.39	55.7	46.9	84.2	1										
Conn.....	4	155	.345	18.01	17.12	52.2	49.7	95.2	7	52	6		417		81				
Ga.....	9	654	.225	12.56	9.53	55.8	42.3	75.8	8			16	509		121				
Me.....	5	348	.331	17.87	15.50	54.0	46.8	86.7				348							
Mass.....	14	1,585	.386	18.53	16.79	48.0	43.5	90.6	7	1,578									
N. H.....	5	635	.393	21.10	19.33	53.7	49.2	91.6	4		106	525							
N. Y.....	2	290	.357	17.64	15.62	49.4	43.7	88.5		177		38	15						
N. C.....	21	775	.251	13.68	10.98	54.5	43.8	80.4	50		7		709		9				
Pa.....	4	87	.277	14.24	12.13	51.4	43.7	85.0	2	11	32	42							
R. I.....	4	242	.374	18.55	17.10	49.6	45.8	92.3	2	173		67							
S. C.....	19	1,175	.206	11.17	8.18	54.2	39.8	73.4	94		1,081								
Va.....	3	243	.318	17.55	13.88	55.2	43.6	79.0	1				242						
<b>Total..</b>	<b>96</b>	<b>6,634</b>	<b>.301</b>	<b>15.83</b>	<b>13.22</b>	<b>52.6</b>	<b>44.0</b>	<b>83.7</b>	<b>176</b>	<b>1,991</b>	<b>1,232</b>	<b>1,036</b>	<b>1,988</b>		<b>211</b>				

DOFFERS: Male.

Ala.....	6	302	\$0.228	\$12.70	\$11.06	55.7	48.5	87.1	1		2		250		49	
Conn.....	4	61	.318	16.41	16.40	51.6	51.5	99.8	15	8			38			
Ga.....	9	353	.259	14.50	11.38	56.0	43.9	78.4				13	267		73	
Me.....	2	21	.382	20.44	19.59	53.5	51.2	95.7	1			20				
Mass.....	14	418	.403	19.46	17.98	48.3	44.6	92.3	17	385					16	
N. H.....	4	127	.422	22.45	21.08	53.2	50.0	94.0	3		43	81				
N. Y.....	2	100	.380	19.15	17.90	50.4	47.1	93.5		62		22	16			
N. C.....	21	518	.279	15.18	12.19	54.5	43.7	80.2	45		5		462		6	
Pa.....	3	14	.266	14.12	13.08	53.1	49.2	92.7			1	13				
R. I.....	4	89	.419	20.66	20.11	49.3	48.0	97.4		69		20				
S. C.....	19	574	.245	13.45	10.18	54.9	41.6	75.8	8			566				
Va.....	3	139	.311	16.89	14.30	54.3	46.0	84.7	14				125			
<b>Total..</b>	<b>91</b>	<b>2,716</b>	<b>.302</b>	<b>16.16</b>	<b>13.58</b>	<b>53.5</b>	<b>44.9</b>	<b>83.9</b>	<b>104</b>	<b>524</b>	<b>51</b>	<b>735</b>	<b>1,158</b>		<b>144</b>	

DOFFERS: Female.

Conn.....	2	4	\$0.285	\$14.93	\$14.92	52.4	52.4	100.0	1				3			
Me.....	5	170	.295	15.93	14.05	54.0	47.6	88.1	17	176		170				
Mass.....	6	193	.344	16.41	15.20	47.7	44.1	92.5								
N. H.....	5	46	.357	18.96	17.18	53.1	48.2	90.8	2		9	35				
Pa.....	4	27	.259	13.36	12.24	51.6	47.1	91.3		6	7	14				
R. I.....	2	15	.453	21.74	21.46	48.0	47.4	98.8		15						
S. C.....	2	3	.264	14.52	12.42	55.0	47.0	85.5						3		
Other States	2	2	.254	14.10	7.78	55.5	30.5	55.0						2		
<b>Total..</b>	<b>28</b>	<b>460</b>	<b>.324</b>	<b>16.49</b>	<b>14.95</b>	<b>50.9</b>	<b>46.1</b>	<b>90.6</b>	<b>20</b>	<b>197</b>	<b>16</b>	<b>219</b>	<b>8</b>			

SPOOLER TENDERS: Female.

Ala.....	6	280	\$0.178	\$9.93	\$8.09	55.8	45.5	81.5	14		3		220		47	
Conn.....	4	105	.291	14.87	13.91	51.1	47.7	93.3		39			52			
Ga.....	9	349	.194	10.81	8.69	55.7	44.9	80.6	4			10	278		57	
Me.....	5	146	.303	16.36	14.99	54.0	49.4	91.5								
Mass.....	14	693	.353	16.91	15.52	47.9	44.0	91.9	14	679		146				
N. H.....	4	167	.375	20.03	18.59	53.4	49.6	92.9			70	97				
N. Y.....	2	75	.324	15.91	15.08	49.1	46.6	94.9		61		14				
N. C.....	21	438	.239	13.10	10.75	54.8	45.0	82.1	17				418		3	
Pa.....	4	70	.227	11.37	9.90	50.1	43.6	87.0	2	8	40	20				
R. I.....	4	96	.320	15.81	15.04	49.4	47.0	95.1		74		22				
S. C.....	19	543	.188	10.23	7.66	54.4	40.8	75.0	31				512			
Va.....	3	129	.260	14.33	12.77	55.1	49.1	89.1	2				127			
<b>Total..</b>	<b>95</b>	<b>3,091</b>	<b>.264</b>	<b>13.91</b>	<b>11.84</b>	<b>52.7</b>	<b>44.9</b>	<b>85.2</b>	<b>84</b>	<b>861</b>	<b>113</b>	<b>309</b>	<b>1,617</b>		<b>107</b>	

TABLE A.—EARNINGS AND HOURS, BY OCCUPATION, SEX, AND STATE, 1922—Continued.

ONE-WEEK PAY PERIOD—Continued.

State.	Number of establishments.	Number of employes.	Average earnings per hour.	Average full-time earnings per week.	Average earnings received in one week.	Average full-time hours per week.	Average hours worked in one week.	Percent of full time worked.	Number of employees whose full-time hours per week were—						
									Under 48.	48	Over 48 and under 54.	54	Over 54 and under 57.	57 and under 60.	Over 60.
<b>CREEELERS OR TIERS-IN: Male.</b>															
N. C.....	9	23	\$0.302	\$16.64	\$14.83	55.1	49.0	88.9					23		
S. C.....	3	4	.200	11.00	10.23	55.0	51.3	93.3					4		
Other States	1	3	.434	26.03	26.03	60.0	60.0	100.0							3
Total..	13	30	.304	16.90	15.34	55.6	50.4	90.6					27		3
<b>CREEELERS OR TIERS-IN: Female.</b>															
Ala.....	6	44	\$0.173	\$9.67	\$8.56	55.9	49.4	88.4					36		8
Conn.....	3	9	.306	16.13	13.05	52.7	42.7	81.0		3			6		
Ga.....	8	49	.191	10.73	8.52	56.2	44.6	79.4					37		12
Me.....	4	21	.254	13.72	12.16	54.0	47.9	88.7			21				
Mass.....	11	116	.289	13.87	12.80	48.0	44.3	92.3		116					
N. H.....	3	16	.294	15.88	15.71	54.0	53.4	98.9			16				
N. C.....	13	51	.252	13.91	12.41	55.2	49.2	89.1					51		
Pa.....	2	6	.213	10.59	10.23	49.7	48.2	97.0		1	5				
R. I.....	4	15	.264	12.65	12.03	47.9	45.6	95.2	2	12		1			
S. C.....	16	66	.214	11.77	8.99	55.0	42.0	76.4					66		
Va.....	3	10	.223	12.38	11.27	55.5	50.5	91.0					10		
Other States	1	14	.280	13.44	12.24	48.0	43.7	91.0		14					
Total..	74	417	.244	12.33	11.16	52.6	45.8	87.1	2	146	5	38	206		20
<b>WARPER TENDERS: Male.</b>															
Ga.....	4	8	\$0.267	\$14.85	\$12.49	55.6	46.8	84.2					7		1
Mass.....	2	21	.473	23.39	23.39	60.0	60.0	100.0							21
N. C.....	19	58	.318	17.46	15.62	54.9	49.1	89.4	1				57		
Pa.....	3	4	.363	19.06	19.06	52.5	52.5	100.0		1		3			
S. C.....	6	9	.308	16.94	13.60	55.0	44.1	80.2					9		
Other States	1	1	.280	15.40	15.40	55.0	55.0	100.0					1		
Total..	35	101	.353	19.73	17.98	55.9	50.9	91.1	1	1		3	74		22
<b>WARPER TENDERS: Female.</b>															
Ala.....	6	30	\$0.245	\$13.67	\$12.31	55.8	50.2	90.0			1		23		6
Conn.....	4	24	.394	21.00	20.42	53.3	51.9	97.4		6			18		
Ga.....	8	31	.246	13.78	11.24	56.0	45.8	81.8				4	20		7
Me.....	5	25	.371	20.03	19.00	54.0	51.2	94.8				25			
Mass.....	14	180	.357	18.58	17.27	48.0	44.7	93.1		180					
N. H.....	5	45	.404	21.61	20.81	53.5	51.5	96.3			14		31		
N. Y.....	2	14	.394	19.42	18.06	49.3	45.9	93.1		11			3		
N. C.....	3	20	.291	16.12	13.46	55.4	46.2	83.4					20		
Pa.....	3	23	.247	12.57	10.86	50.9	44.0	86.4		2	15		6		
R. I.....	4	21	.413	20.53	19.38	49.7	47.0	94.6		15			6		
S. C.....	16	63	.249	13.70	10.99	55.0	44.2	80.4					63		
Va.....	2	26	.427	23.53	21.66	55.1	50.7	92.0					26		
Total..	77	502	.348	13.03	16.26	51.8	46.8	90.3		214	30	75	170		13
<b>BEAMER TENDERS: Male.</b>															
Conn.....	3	11	\$0.514	\$27.60	\$26.43	53.7	51.5	95.9		2			9		
Me.....	3	3	.420	22.68	22.70	54.0	54.0	100.0				3			
Mass.....	6	171	.583	27.98	26.74	48.0	45.9	95.6		171					
N. C.....	9	100	.422	23.29	20.76	55.2	49.2	89.1					100		
Other States	5	28	.572	29.69	25.70	51.9	44.9	86.5		12		2	14		
Total..	26	313	.538	27.38	25.37	50.9	47.2	92.7		185		5	123		

TABLE A.—EARNINGS AND HOURS, BY OCCUPATION, SEX, AND STATE, 1922—Continued.

ONE-WEEK PAY PERIOD—Continued.

State.	Number of establishments.	Number of employes.	Average earnings per hour.	Average full-time earnings per week.	Average earnings received in one week.	Average full-time hours per week.	Average hours worked in one week.	Per cent of full time worked.	Number of employees whose full-time hours per week were—					
									Under 48.	48	Over 48 and under 54.	54	Over 54 and under 57.	57 and under 60.

BEAMER TENDERS: Female.

Mass.....	2	23	\$0.335	\$18.46	\$16.89	48.0	43.9	91.5	23							
Other States	3	62	.372	19.68	18.00	52.9	48.4	91.5		18	43	1				
Total...	5	85	.377	19.42	17.82	51.5	47.2	91.7	23	18	43	1				

SLASHER TENDERS: Male.

Ala.....	6	31	\$0.271	\$15.04	\$15.17	55.5	56.0	100.9			1		26		4	
Conn.....	4	16	.519	26.94	26.09	51.9	50.1	96.5		7			9			
Ga.....	9	59	.299	16.98	15.66	56.8	52.4	92.3				1	39		18	1
Me.....	5	23	.499	26.95	25.88	54.0	51.9	96.1				23				
Mass.....	14	147	.564	27.07	27.45	48.0	48.7	101.5	147							
N. H.....	5	49	.575	30.82	31.20	53.6	54.2	101.1			13	36				
N. Y.....	2	16	.435	23.81	24.44	49.1	50.4	102.6		8	5	3				
N. C.....	19	66	.360	19.87	18.56	55.2	51.6	93.5					65	1		
Pa.....	3	11	.419	21.70	20.85	51.8	49.8	96.1			6	5				
R. I.....	4	17	.526	25.62	25.62	48.7	48.7	100.0		15		2				
S. C.....	18	87	.260	14.30	12.80	55.0	49.2	89.5						87		
Va.....	3	25	.373	20.78	20.08	55.7	53.8	96.6					20	5		
Total...	92	547	.426	22.45	21.69	52.7	50.9	96.6		177	25	70	246	6	22	1

DRAWERS-IN: Female.

Ala.....	5	28	\$0.194	\$10.19	\$8.66	55.4	47.1	85.0					26		2	
Conn.....	4	39	.451	23.68	19.74	52.5	43.8	83.4		14			25			
Ga.....	7	42	.268	15.20	13.21	56.7	49.2	86.8	1			4	20		17	
Me.....	5	35	.396	21.38	16.62	54.0	41.9	77.6				35				
Mass.....	13	215	.419	20.11	18.15	48.0	43.3	90.2		215						
N. H.....	5	73	.419	22.33	20.46	53.3	48.8	91.6			36	37				
N. Y.....	2	11	.420	20.62	20.63	49.1	49.1	100.0			9	2				
N. C.....	14	47	.297	16.45	13.94	55.4	46.9	84.7						47		
Pa.....	3	21	.256	13.13	11.18	51.3	43.7	85.2			14	7				
R. I.....	3	43	.342	16.42	16.28	48.0	47.6	99.2		43						
S. C.....	14	80	.219	12.00	9.95	54.8	45.5	83.6	2					78		
Va.....	2	30	.328	18.14	16.35	55.3	49.9	90.2					30			
Total...	77	664	.352	18.23	16.04	51.8	45.6	88.0	3	281	50	85	226		19	

WARP-TYING MACHINE TENDERS: Male.

Ala.....	6	20	\$0.302	\$16.70	\$15.48	55.3	51.3	92.8			1		17		2	
Conn.....	4	6	.448	23.61	25.47	52.7	56.8	107.8		2			4			
Ga.....	8	20	.350	19.78	18.03	56.5	54.1	95.8					14		6	
Me.....	5	11	.470	25.38	25.32	54.0	53.8	99.6				11				
Mass.....	13	46	.527	25.80	25.36	48.0	48.0	100.0		46						
N. H.....	5	16	.511	27.44	28.28	53.7	55.4	103.2			3	13				
N. Y.....	11	22	.372	20.53	19.35	55.2	52.0	94.2					22			
N. C.....	2	3	.419	21.49	21.49	51.3	51.3	100.0								
Pa.....	2	3	.587	27.57	27.57	49.5	49.5	100.0			2	1				
R. I.....	4	8	.349	19.30	18.88	55.3	54.1	97.8		6		2				
S. C.....	17	29	.388	21.46	22.81	55.3	58.8	106.3						27		2
Va.....	3	6	.388	21.46	22.81	55.3	58.8	106.3						6		
Other States	1	4	.481	23.57	25.55	48.0	52.0	108.3		4						
Total...	79	191	.425	22.48	22.18	52.9	52.1	98.5		58	6	27	90		10	

TABLE A.—EARNINGS AND HOURS, BY OCCUPATION, SEX, AND STATE, 1922—Continued.

ONE-WEEK PAY PERIOD—Continued.

State.	Number of establishments.	Number of employees.	Average earnings per hour.	Average full-time earnings per week.	Average earnings received in one week.	Average full-time hours per week.	Average hours worked in one week.	Per cent of full time worked.	Number of employees whose full-time hours per week were—							
									Under 48.	48	Over 48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60	Over 60.
<b>LOOM FIXERS: Male.</b>																
Ala.....	6	188	\$0.363	\$20.22	\$18.74	55.7	51.6	92.6			2		156		30	
Conn.....	4	59	.573	30.45	30.05	53.2	52.4	98.5	15				44			
Ga.....	9	206	.353	20.19	18.35	57.2	52.0	90.9			4		112		90	
Me.....	5	109	.577	31.16	30.58	54.0	53.0	98.1			109					
Mass.....	14	643	.620	29.88	29.03	48.2	46.8	97.1	626		71				13	
N. H.....	5	253	.628	33.41	32.36	53.2	51.5	96.8	7		4	169	6			
N. Y.....	2	76	.575	29.04	28.66	50.5	49.9	98.8	47			14	15			
N. C.....	21	296	.420	23.18	21.45	55.2	51.1	92.6					295		1	
Pa.....	4	35	.465	23.72	23.50	51.0	50.6	99.2	7	16		11	1			
R. I.....	4	121	.617	30.23	29.66	49.0	48.1	98.2	100			21				
S. C.....	18	376	.360	20.09	18.27	55.8	50.7	90.9					316	9	23	
Va.....	3	94	.475	26.22	24.98	55.2	52.6	95.3					94			
Total..	95	2,456	.500	26.45	25.01	52.9	50.0	94.5	7	795	93	328	1,039	9	157	28

<b>TRIMMERS AND INSPECTORS: Male.</b>																
Ala.....	3	21	\$0.171	\$9.41	\$8.45	55.0	49.3	89.6					21			
Ga.....	4	8	.216	11.86	11.20	54.9	51.9	94.5				1	7			
Mass.....	2	5	.365	17.52	17.20	48.0	47.1	98.1	5							
N. C.....	9	22	.265	14.71	12.52	55.5	47.2	85.0					22			
Pa.....	3	6	.447	23.69	23.70	53.0	53.0	100.0	1			5				
S. C.....	5	12	.207	11.39	10.85	55.0	52.3	95.1					12			
Other States	2	4	.347	17.35	17.44	50.0	50.2	100.4	3				1			
Total..	28	78	.251	13.63	12.44	54.3	49.6	91.3	9		6		63			

<b>TRIMMERS AND INSPECTORS: Female.</b>																
Ala.....	6	76	\$0.159	\$8.84	\$7.47	55.6	47.0	84.5	1				64		11	
Conn.....	47	47	.272	13.57	13.00	49.9	47.8	95.8		34			13			
Ga.....	3	116	.179	9.99	8.81	55.8	49.2	88.2					97		19	
Me.....	5	120	.239	12.91	12.43	54.0	52.0	96.3				120				
Mass.....	13	268	.303	14.63	13.77	47.9	45.4	94.0	7	261						
N. H.....	4	54	.315	17.01	16.12	54.0	51.2	94.8				54				
N. Y.....	2	24	.259	13.23	13.02	51.1	50.3	98.4		11		12				
N. C.....	14	65	.219	11.98	10.84	54.7	49.5	90.5	2				63			
Pa.....	2	26	.326	17.02	15.58	52.2	47.7	91.4			12	14				
R. I.....	4	64	.326	16.10	15.18	49.4	46.6	94.3		49		15				
S. C.....	13	170	.176	9.63	7.90	54.7	44.9	82.1	5				165			
Va.....	3	27	.272	15.04	13.25	55.3	48.8	88.2					27			
Total..	78	1,056	.246	12.92	11.68	52.4	47.6	90.7	15	355	12	215	429		30	

<b>OTHER EMPLOYEES: Male.</b>																
Ala.....	6	1,505	\$0.202	\$11.31	\$10.30	56.0	51.0	91.1	26		16		1,210		218	35
Conn.....	4	345	.332	17.13	16.47	51.6	49.6	96.1	22	150			172		4	
Ga.....	9	1,771	.223	12.54	10.90	56.7	48.8	86.1	46				32	128	517	48
Me.....	5	618	.358	18.29	16.79	54.1	49.7	91.9	2			608			8	
Mass.....	14	3,251	.375	18.45	17.77	49.2	47.3	96.1	140	2,877	32	2	5	69	114	
N. H.....	2	1,190	.390	21.37	20.60	54.8	52.8	96.4	28		183	868	41	1	69	
N. Y.....	3	457	.326	17.18	16.47	52.7	50.5	95.8	3	235	1	113	66	2	32	
N. C.....	21	1,969	.266	14.82	14.78	55.7	48.8	87.6	70	2	1	1,757	2	88	49	
Pa.....	5	329	.299	15.82	14.78	52.9	49.4	93.4	9	25	127	139	2	1	22	
R. I.....	4	444	.354	17.58	16.59	50.5	47.7	94.5	15	316		94		1	13	
S. C.....	19	2,428	.203	11.25	9.74	55.4	47.9	86.5	93	1			2,213	19	34	65
Va.....	3	681	.298	16.72	15.70	56.1	52.6	93.8	4				629	6	42	
Total..	97	14,991	.289	15.58	14.20	53.9	49.1	91.1	464	3,606	360	1,856	7,224	36	936	509



TABLE A.—EARNINGS AND HOURS, BY OCCUPATION, SEX, AND STATE, 1922—Concluded.

ONE-WEEK PAY PERIOD—Concluded.

State.	Number of establishments.	Number of employ-ees.	Average earnings per hour.	Average full-time earnings per week.	Average earnings re-ceived in one week.	Average full-time hours per week.	Average hours worked in one week.	Per cent of full time worked.	Number of employees whose full-time hours per week were—							
									Under 48.	48	Over 48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60	Over 60.
<b>OTHER EMPLOYEES: Female.</b>																
Ala.....	6	421	\$0.140	\$7.64	\$6.36	54.6	45.6	83.5	23	.....	5	.....	368	.....	25	.....
Conn.....	4	68	.277	13.77	12.86	49.7	46.5	93.6	7	38	.....	.....	23	.....	.....	.....
Ga.....	9	416	.186	10.29	8.00	55.3	43.0	77.8	36	.....	.....	2	221	.....	157	.....
Me.....	5	180	.273	14.66	13.56	53.7	49.7	92.6	6	.....	.....	174	.....	.....	.....	.....
Mass.....	14	1,240	.316	15.10	13.94	47.8	44.1	92.3	52	1,188	.....	.....	.....	.....	.....	.....
N. H.....	5	545	.298	15.94	15.10	53.5	50.7	94.8	3	.....	150	392	.....	.....	.....	.....
N. Y.....	2	124	.271	13.25	12.39	48.9	45.8	93.7	1	104	.....	.....	19	.....	.....	.....
N. C.....	21	354	.203	10.82	9.06	53.3	44.7	83.9	59	5	.....	.....	290	.....	.....	.....
Pa.....	5	141	.239	12.09	10.55	50.6	44.3	87.5	5	9	49	78	.....	.....	.....	.....
R. I.....	4	130	.267	13.24	11.55	49.6	43.3	87.3	3	91	.....	36	.....	.....	.....	.....
S. C.....	18	515	.149	7.84	6.18	52.6	41.4	78.7	82	.....	.....	.....	433	.....	.....	.....
Va.....	3	287	.220	12.12	10.97	55.1	49.8	90.4	2	.....	.....	.....	285	.....	.....	.....
Total..	96	4,421	.244	12.64	11.06	51.8	45.3	87.5	279	1,435	204	701	1,620	.....	182	.....

TWO-WEEK PAY PERIOD.

State.	Number of establishments.	Number of employ-ees.	Average earnings per hour.	Average full-time earnings in two weeks.	Average earnings re-ceived in two weeks.	Average full-time hours in two weeks.	Average hours worked in two weeks.	Per cent of full-time worked.	Number of employees whose full-time hours per week were—							
									Under 48.	48	Over 48 and under 54.	54	Over 54 and under 57.	57 and under 60.	60	Over 60.
<b>WEAVERS: Male.</b>																
Ala.....	6	426	\$0.255	\$28.46	\$24.66	111.6	96.6	86.6	.....	.....	5	.....	347	.....	74	.....
Conn.....	4	464	.452	45.83	42.72	101.4	94.5	93.2	.....	286	.....	.....	178	.....	.....	.....
Ga.....	9	610	.282	32.01	24.49	113.5	86.8	76.4	.....	.....	.....	14	382	.....	214	.....
Me.....	5	325	.471	50.87	46.85	108.0	99.5	92.1	.....	.....	.....	325	.....	.....	.....	.....
Mass.....	14	1,967	.460	44.48	40.95	96.7	89.1	92.1	3	1,888	17	.....	.....	.....	59	.....
N. H.....	5	434	.466	49.26	44.31	105.7	95.1	90.0	27	.....	103	281	23	.....	.....	.....
N. Y.....	2	263	.455	46.59	41.93	102.4	92.1	89.9	.....	138	.....	32	93	.....	.....	.....
N. C.....	21	1,050	.350	38.54	31.71	110.1	90.5	82.2	7	.....	.....	.....	1,039	.....	4	.....
Pa.....	4	63	.340	34.27	30.28	100.8	88.9	88.1	.....	28	15	20	.....	.....	.....	.....
R. I.....	4	321	.454	44.54	40.31	98.1	88.9	90.6	.....	266	.....	55	.....	.....	.....	.....
S. C.....	18	1,104	.286	31.46	24.11	110.0	84.3	76.6	3	.....	.....	.....	1,101	.....	.....	.....
Va.....	3	383	.403	44.49	35.13	110.4	87.1	78.9	.....	.....	.....	.....	383	.....	.....	.....
Total..	95	7,410	.389	40.88	35.02	105.1	90.0	85.6	40	2,606	140	727	3,546	.....	351	.....

WEAVERS: Female.

Ala.....	6	327	\$0.231	\$25.76	\$21.12	111.5	91.4	82.0	.....	.....	13	.....	253	.....	61	.....
Conn.....	4	367	.404	41.05	37.74	101.6	93.5	92.0	.....	220	.....	.....	147	.....	.....	.....
Ga.....	9	386	.274	31.07	23.67	113.4	86.4	78.2	.....	.....	.....	6	248	.....	132	.....
Me.....	5	437	.419	45.25	41.73	103.0	99.7	92.3	.....	.....	.....	437	.....	.....	.....	.....
Mass.....	14	2,856	.415	39.34	36.39	96.0	88.1	91.8	15	2,841	.....	.....	.....	.....	.....	.....
N. H.....	5	1,169	.428	45.97	42.44	107.4	99.2	94.9	9	.....	153	1,007	.....	.....	.....	.....
N. Y.....	2	193	.416	41.27	39.12	99.2	94.1	94.9	.....	.....	141	52	.....	.....	.....	.....
N. C.....	21	647	.313	34.49	28.36	110.2	90.7	82.3	10	.....	.....	.....	636	.....	1	.....
Pa.....	4	174	.324	32.85	30.96	101.4	95.6	94.3	.....	54	62	58	.....	.....	.....	.....
R. I.....	4	367	.405	40.05	34.72	98.9	85.7	86.7	.....	279	.....	88	.....	.....	.....	.....
S. C.....	18	566	.260	28.55	21.02	108.8	80.7	73.5	7	.....	.....	.....	559	.....	.....	.....
Va.....	3	155	.368	40.59	32.90	110.3	89.3	81.0	.....	.....	.....	.....	155	.....	.....	.....
Total..	95	7,644	.380	39.18	34.44	103.1	90.7	88.0	41	3,535	228	1,648	1,998	.....	194	.....

**TABLE B.—AVERAGE AND CLASSIFIED EARNINGS PER HOUR FOR SPINNERS AND WEAVERS, BY SEX AND STATE, 1922.**

Occupation, sex, and State.	Number of establishments.	Number of employees.	Average earnings per hour.	Number of employees whose earnings per hour were—																
				Under 10 cents.	10 and under 12 cents.	12 and under 14 cents.	14 and under 16 cents.	16 and under 18 cents.	18 and under 20 cents.	20 and under 25 cents.	25 and under 30 cents.	30 and under 40 cents.	40 and under 50 cents.	50 and under 60 cents.	60 and under 70 cents.	70 and under 80 cents.	80 and under 90 cents.	90 cents and under \$1.	\$1.10 and under \$1.25.	\$1.25 and over.
<b>Spinners, frame, female:</b>																				
Alabama.....	6	505	\$0.179	16	24	52	76	53	121	143	20	.....	.....	.....	.....	.....	.....	.....	.....	
Connecticut.....	4	155	.345	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Georgia.....	9	654	.225	15	12	16	35	36	98	209	182	51	.....	.....	.....	.....	.....	.....	.....	
Maine.....	5	348	.331	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Massachusetts.....	14	1,585	.386	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Hampshire.....	5	635	.393	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New York.....	2	230	.357	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
North Carolina.....	21	775	.251	.....	6	10	23	46	70	267	193	155	5	.....	.....	.....	.....	.....	.....	
Pennsylvania.....	4	87	.277	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Rhode Island.....	4	242	.374	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
South Carolina.....	19	1,175	.206	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Virginia.....	3	243	.318	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Total.....	96	6,634	.301	44	84	130	224	250	557	1,276	891	1,860	1,232	85	.....	.....	.....	.....	.....	
<b>Spinners, mule, male:</b>																				
Connecticut.....	3	56	.550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Maine.....	3	36	.501	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Massachusetts.....	3	108	.751	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Hampshire.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Other States.....	2	20	.563	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Total.....	11	220	.638	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
<b>Weavers, male:</b>																				
Alabama.....	6	426	.255	.....	1	2	16	15	26	147	123	89	6	.....	.....	.....	.....	.....	.....	
Connecticut.....	4	464	.452	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Georgia.....	9	610	.282	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Maine.....	5	325	.471	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Massachusetts.....	14	1,967	.460	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New Hampshire.....	5	434	.466	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
New York.....	2	263	.455	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
North Carolina.....	21	1,050	.350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Pennsylvania.....	4	63	.340	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Rhode Island.....	4	321	.454	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
South Carolina.....	18	1,104	.286	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Virginia.....	3	383	.403	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Total.....	95	7,410	.389	2	4	14	33	60	124	681	1,065	2,186	1,952	962	285	33	6	1	1	
<b>Weavers, female:</b>																				
Alabama.....	6	327	.231	2	4	5	22	20	39	116	85	33	1	.....	.....	.....	.....	.....	.....	
Connecticut.....	4	367	.404	2	2	1	2	2	5	16	26	117	129	58	6	.....	.....	.....	.....	

Georgia.....	9	386	.274	.....	.....	4	5	20	13	118	91	123	10	1	.....	.....	1	.....	.....	.....
Maine.....	5	437	.419	3	.....	.....	.....	1	3	6	32	125	182	30	3	1	.....	.....	1	.....
Massachusetts.....	14	2,856	.415	.....	.....	.....	2	.....	8	66	183	976	1,185	379	51	4	1	.....	1	.....
New Hampshire.....	5	1,169	.428	.....	.....	1	.....	.....	.....	34	68	361	475	139	40	1	.....	.....	.....	.....
New York.....	2	193	.418	.....	.....	.....	.....	1	.....	3	8	75	85	21	.....	.....	.....	.....	.....	.....
North Carolina.....	21	647	.313	.....	.....	.....	3	7	14	100	169	302	48	4	.....	.....	.....	.....	.....	.....
Pennsylvania.....	4	174	.324	.....	.....	.....	.....	4	9	20	37	73	28	3	.....	.....	.....	.....	.....	.....
Rhode Island.....	4	367	.405	4	2	6	5	4	8	15	26	88	144	54	3	2	5	.....	1	.....
South Carolina.....	18	566	.260	.....	3	9	13	20	21	167	208	121	4	.....	.....	.....	.....	.....	.....	.....
Virginia.....	3	155	.368	.....	.....	.....	.....	.....	1	11	15	78	46	4	.....	.....	.....	.....	.....	.....
Total.....	95	7,644	.380	11	11	25	53	79	121	672	948	2,472	2,337	793	103	8	7	3	1	.....

TABLE C.—AVERAGE AND CLASSIFIED ACTUAL HOURS WORKED IN PAY PERIOD FOR SPINNERS AND WEAVERS WHO MADE AS MANY STARTS AS THE MILLS OPERATED IN PAY PERIOD, BY SEX AND STATE, 1922.

ONE-WEEK PAY PERIOD.

Occupation, sex, and State.	Number of establishments.	All employees.		Employees working total starts mill operated.		Number of employees who made as many starts as mill operated and whose hours in a one-week pay period were—																					
		Number.	Average full-time hours.	Number.	Average actual hours per pay period.	16 and under 20.	20 and under 24.	24 and under 28.	28 and under 32.	32 and under 34.	34 and under 36.	36 and under 38.	38 and under 40.	40 and under 42.	42 and under 44.	44 and under 46.	46 and under 48.	48.	Over 48 and under 50.	50 and under 52.	52 and under 54.	54.	Over 54 and under 56.	56 and under 58.	58 and under 60.	60.	
<b>Spinners, frame, female:</b>																											
Alabama.....	5	438	55.8	188	55.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1	1	3	11	1	22	97	.....	15	34	
Connecticut.....	4	155	52.2	121	53.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	.....	.....	.....	.....	.....	.....	111	.....	.....	.....	
Georgia.....	9	654	55.8	284	51.7	.....	.....	3	.....	.....	.....	2	4	9	5	2	34	21	9	13	5	5	172	.....	.....	.....	
Maine.....	5	348	54.0	234	53.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts.....	14	1,585	48.0	1,157	47.8	.....	.....	.....	1	.....	.....	1	2	10	.....	29	4	1,110	3	.....	1	230	.....	.....	.....	.....	
New Hampshire.....	5	635	53.7	443	53.3	.....	.....	.....	.....	.....	.....	.....	4	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	2	230	49.4	180	48.1	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	142	2	6	.....	.....	.....	23	.....	.....	
North Carolina.....	16	603	54.6	348	51.4	1	3	1	2	3	.....	23	.....	6	1	11	20	7	4	29	4	.....	213	20	.....	.....	
Pennsylvania.....	2	69	51.7	40	52.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island.....	4	242	49.6	193	49.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina.....	19	1,175	54.2	471	48.4	.....	1	.....	15	.....	5	7	24	21	27	45	73	4	4	67	6	.....	172	.....	.....	.....	
Virginia.....	3	243	55.2	112	54.2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	5	.....	.....	.....	.....	.....	.....	.....	60	35	.....	.....
Total.....	88	6,377	52.5	3,771	50.4	1	4	5	21	3	5	33	30	51	41	111	134	1,415	28	165	104	691	825	55	15	34	
<b>Spinners, mule, male:</b>																											
Connecticut.....	3	56	51.0	51	51.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	19	.....	.....	.....
Maine.....	3	36	54.0	30	54.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts.....	3	108	48.0	98	47.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States.....	1	10	48.0	10	48.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	10	210	49.8	189	49.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1	136	.....	.....	.....	.....	30	19	.....	.....	





**TABLE D.—AVERAGE AND CLASSIFIED ACTUAL EARNINGS IN PAY PERIOD FOR SPINNERS AND WEAVERS WHO MADE AS MANY STARTS AS THE MILLS OPERATED IN PAY PERIOD, BY SEX AND STATE, 1922.**

**ONE-WEEK PAY PERIOD.**

Occupation, sex, and State.	Number of establishments.	All employees.		Employees working total starts mill operated.	Number of employees who worked as many starts as mill operated and whose earnings in a one-week pay period were—																										
		Number.	Average full-time earnings per pay period.	Number.	Average actual earnings per pay period.	\$10 and under \$11.	\$11 and under \$12.	\$12 and under \$13.	\$13 and under \$14.	\$14 and under \$15.	\$15 and under \$16.	\$16 and under \$17.	\$17 and under \$18.	\$18 and under \$19.	\$19 and under \$20.	\$20 and under \$22.	\$22 and under \$24.	\$24 and under \$26.	\$26 and under \$28.	\$28 and under \$30.	\$30 and under \$32.	\$32 and under \$34.	\$34 and under \$36.	\$36 and under \$38.	\$38 and under \$40.	\$40 and under \$42.	\$42 and under \$44.	\$44 and under \$46.	\$46 and over.		
<b>Spinners, frame, female:</b>																															
Alabama.....	5	438	\$9.81	188	\$9.66	1 135	23	15	9	3	3																				
Connecticut.....	4	155	17.95	121	18.78	2 4	2	3	3	6	4	10	12	10	21	26	15	4	1												
Georgia.....	9	654	12.58	284	11.66	*106	38	45	27	38	11	7	2	4	5	1															
Maine.....	5	348	17.80	234	17.72	4 10	5	16	11	11	28	31	22	12	26	20	32	6	2	2											
Massachusetts.....	14	1,585	18.52	1,157	18.52	*18	12	15	58	47	61	106	163	86	212	272	68	31	7	1											
New Hampshire.....	5	635	21.04	443	21.09		9	14	9	9	12	17	62	33	93	92	65	15	9	4											
New York.....	2	230	17.69	180	17.13	*14	2	4	2	22	3	13	8	72	17	19	3	1													
North Carolina.....	16	603	11.91	348	13.23	7 73	28	58	60	40	21	27	24	6	7	3	1														
Pennsylvania.....	2	69	14.75	40	15.56	4	2	3	6	7	1	2	1	4	5	4															
Rhode Island.....	4	242	18.58	193	18.56	*7	1	1	2	10	9	18	22	34	28	40	18	3													
South Carolina.....	19	1,175	11.17	471	9.91	*805	59	48	33	9	12	2	2		1																
Virginia.....	3	243	17.67	112	16.00	*9	4	9	5	17	12	9	11	16	5	13	2														
<b>Total.....</b>	<b>88</b>	<b>6,377</b>	<b>15.43</b>	<b>3,771</b>	<b>16.09</b>	<b>10 685</b>	<b>176</b>	<b>226</b>	<b>230</b>	<b>219</b>	<b>174</b>	<b>237</b>	<b>284</b>	<b>306</b>	<b>360</b>	<b>491</b>	<b>232</b>	<b>110</b>	<b>25</b>	<b>12</b>	<b>4</b>										
<b>Spinners, mule, male:</b>																															
Connecticut.....	3	56	26.48	51	29.62						1																				
Maine.....	3	36	27.03	30	27.22											1															
Massachusetts.....	3	108	36.04	98	36.04											9	10														
Other States.....	1	10	28.49	10	28.49													4		1	1			14	12	13	16	11	10	1	
<b>Total.....</b>	<b>10</b>	<b>210</b>	<b>31.59</b>	<b>189</b>	<b>32.51</b>						1			1		9	14	15	28	31	9	1	15	14	13	16	11	10	1		

<sup>1</sup> Includes 96 under \$10.

<sup>2</sup> Includes 2 under \$10.

<sup>3</sup> Includes 85 under \$10.

<sup>4</sup> Includes 5 under \$10.

<sup>5</sup> Includes 7 under \$10.

<sup>6</sup> Includes 3 under \$10.

<sup>7</sup> Includes 51 under \$10.

<sup>8</sup> Includes 6 under \$10.

<sup>9</sup> Includes 231 under \$10.

<sup>10</sup> Includes 493 under \$10.

TWO-WEEK PAY PERIOD.

Occupation, sex, and State.	Number of establishments.	All employees.		Employees working total starts mill operated.	Number of employees who worked as many starts as mill operated and whose earnings in a two-week pay period were—																							
		Number.	Average full-time earnings.	Number.	Average actual earnings per pay period.	\$10 and under \$12.	\$12 and under \$14.	\$14 and under \$16.	\$16 and under \$18.	\$18 and under \$20.	\$20 and under \$24.	\$24 and under \$28.	\$28 and under \$32.	\$32 and under \$36.	\$36 and under \$40.	\$40 and under \$44.	\$44 and under \$48.	\$48 and under \$52.	\$52 and under \$56.	\$56 and under \$60.	\$60 and under \$64.	\$64 and under \$68.	\$68 and under \$72.	\$72 and under \$76.	\$76 and under \$80.	\$80 and under \$84.	\$84 and under \$88.	
<b>Spinners, frame, female:</b>																												
North Carolina.....	5	172	\$28.15	31	\$28.25	.....	1	1	1	.....	4	8	9	3	2	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Pennsylvania.....	2	18	24.74	12	24.86	.....	.....	.....	.....	.....	1	5	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Other States.....	1	67	22.11	13	21.96	.....	.....	.....	2	1	7	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Total.....	8	257	26.21	56	26.05	.....	1	1	3	2	16	13	11	5	2	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	
<b>Spinners, mule, male:</b>																												
All States.....	1	10	57.67	5	57.47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	3	1	.....	.....	.....	.....	.....	.....	
<b>Weavers, male:</b>																												
Alabama.....	6	426	28.57	209	28.34	.....	.....	1	7	7	36	60	44	26	21	3	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Connecticut.....	4	464	45.76	390	45.08	.....	.....	.....	1	3	7	9	19	29	60	43	68	58	39	20	19	6	9	.....	.....	.....	.....	
Georgia.....	9	610	31.99	209	31.53	.....	1	1	4	3	23	28	49	47	34	11	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Maine.....	5	325	50.78	274	50.96	.....	.....	.....	.....	.....	2	2	1	13	11	17	20	28	37	43	52	36	8	3	2	.....	1	
Massachusetts.....	14	1,967	44.27	1,639	44.93	.....	.....	.....	.....	2	9	42	82	155	227	298	229	215	161	95	77	32	10	3	1	.....	.....	
New Hampshire.....	5	434	40.35	334	50.03	.....	.....	.....	.....	.....	4	12	25	21	32	55	51	41	26	22	21	17	5	2	.....	.....	.....	
New York.....	2	263	46.60	206	47.12	.....	.....	.....	.....	.....	.....	5	23	28	57	50	34	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	
North Carolina.....	21	1,050	38.46	509	37.38	.....	.....	1	.....	1	20	45	52	91	94	101	71	24	8	1	.....	.....	.....	.....	.....	.....	.....	
Pennsylvania.....	4	63	34.38	48	34.34	.....	.....	.....	1	1	2	9	6	6	12	7	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Rhode Island.....	4	321	44.38	216	45.05	.....	.....	.....	2	.....	4	12	12	35	37	37	25	24	14	10	2	2	.....	.....	.....	.....	.....	
South Carolina.....	18	1,104	31.52	298	31.03	.....	.....	1	2	3	26	58	80	70	41	11	4	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Virginia.....	3	383	44.47	149	41.08	.....	.....	.....	.....	.....	.....	7	32	28	27	35	19	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Total.....	95	7,410	40.33	4,481	42.38	.....	1	4	17	20	125	260	376	509	613	618	599	481	352	216	164	69	42	10	3	1	.....	1
<b>Weavers, female:</b>																												
Alabama.....	6	327	25.81	131	25.37	<sup>11</sup>	1	2	2	7	11	32	34	26	9	5	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut.....	4	367	40.82	309	40.68	.....	3	2	3	3	5	13	23	34	53	64	37	30	24	10	1	2	2	.....	.....	.....	.....	.....
Georgia.....	9	386	31.02	137	30.60	.....	.....	.....	4	4	14	27	29	23	26	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maine.....	5	437	45.30	359	45.26	.....	1	.....	.....	.....	5	6	21	34	40	48	55	58	42	24	21	4	.....	.....	.....	.....	.....	
Massachusetts.....	14	2,856	39.91	2,302	40.15	.....	.....	.....	.....	6	32	103	224	361	397	434	377	210	97	46	9	5	1	.....	.....	.....	.....	.....
New Hampshire.....	5	1,169	46.03	959	46.53	.....	.....	.....	.....	.....	8	18	32	60	95	176	162	148	115	55	52	31	6	1	.....	.....	.....	.....
New York.....	2	193	41.29	168	41.44	.....	.....	.....	.....	1	1	2	7	14	45	33	44	17	4	.....	.....	.....	.....	.....	.....	.....	.....	
North Carolina.....	21	647	34.36	327	34.22	.....	1	2	2	1	1	21	41	49	73	64	44	24	2	1	.....	.....	.....	.....	.....	.....	.....	
Pennsylvania.....	4	174	32.79	136	33.51	.....	.....	.....	1	7	10	19	19	32	17	12	13	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island.....	4	367	39.97	241	40.38	<sup>11</sup>	2	.....	1	1	8	13	18	33	41	39	25	27	22	6	3	1	1	.....	.....	.....	.....	.....
South Carolina.....	18	566	28.57	164	28.38	.....	2	4	3	5	23	40	46	25	9	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Virginia.....	3	155	40.65	68	39.06	.....	.....	.....	.....	.....	2	1	23	16	8	13	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	95	7,644	38.73	5,301	40.20	<sup>6</sup>	8	7	11	19	39	159	313	495	721	808	870	755	501	308	141	87	43	10	1	.....	.....	.....

<sup>6</sup> Includes 3 under \$10.

<sup>11</sup> Under \$10.

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