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## APPENDIX C

### *Establishment and Employment Coverage of State Earnings Data, by Industry, Census Years, 1889-1914*

TABLE C-1

	<i>Establishments</i>		<i>Wage Earners</i>		<i>Number of Wage Earners per Establishment</i>	
	<i>Number</i>	<i>% of Census</i>	<i>Thousands</i>	<i>% of Census</i>	<i>State Data</i>	<i>Census Data</i>
<b>Silk</b>						
1889 <sup>a</sup>	10	2.1	2.4	4.8	235	105
1899 <sup>b</sup>	198	41.0	41.0	62.7	207	135
1904 <sup>b</sup>	305	48.9	43.4	54.5	142	128
1909	411	48.2	68.0	68.6	165	116
1914	523	58.0	74.5	68.8	142	120
<b>Hosiery and knit goods</b>						
1889 <sup>a</sup>	33	4.0	3.7	6.2	113	73
1899 <sup>b</sup>	140	13.9	23.9	28.6	171	83
1904 <sup>b</sup>	124	10.8	25.2	24.2	203	91
1909	451	32.8	51.7	40.0	115	94
1914	102	6.3	14.3	9.5	140	93
<b>Dyeing and finish- ing textiles</b>						
1889 <sup>a</sup>	21	8.5	4.3	22.1	207	79
1899	83	27.9	14.2	47.8	171	100
1904	59	16.4	10.0	28.1	169	99
1909	129	30.3	16.1	36.5	124	103
1914	242	47.7	20.7	42.6	85	96
<b>All textiles</b>						
1889 <sup>a</sup>	417	9.1	112.9	21.8	271	113
1899 <sup>b</sup>	1,243	26.1	324.8	49.1	261	139
1904 <sup>b</sup>	1,156	22.8	287.3	38.8	248	146
1909	1,973	41.7	439.7	50.1	223	185
1914	2,224	45.2	454.1	49.2	204	188

(continued)

NOTE: For cotton, wool, and boots and shoes, see Table 7 and accompanying text.  
For notes to <sup>a</sup> and <sup>b</sup> see p. 146.

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TABLE C-1 (continued)

	<i>Establishments</i>		<i>Wage Earners</i>		<i>Number of Wage Earners per Establishment</i>	
	Number	% of Census	Thousands	% of Census	State Data	Census Data
<b>Leather</b>						
1889 <sup>a</sup>	145	8.1	6.0	17.3	41	19
1899	176	13.5	13.2	25.3	75	40
1904	190	18.1	16.3	28.4	86	55
1909	286	31.1	26.6	42.8	93	68
1914	208	28.1	16.4	29.4	79	75
<b>Electrical machinery</b>						
1899	67	11.5	15.2	36.3	227	72
1904	158	20.2	26.7	44.2	169	77
1909	218	21.6	39.4	45.1	181	86
1914	269	26.1	37.2	31.5	138	115
<b>Paper and paper products</b>						
1889 <sup>a</sup>	84	5.6	7.8	13.8	92	38
1899 <sup>b</sup>	361	18.9	27.8	30.6	77	48
1904 <sup>b</sup>	385	18.5	31.9	26.9	83	57
1909	340	14.2	27.3	19.2	80	59
1914	340	14.0	43.1	26.4	127	67
<b>Rubber</b>						
1889 <sup>a</sup>	28	16.8	6.5	32.3	232	121
1899 <sup>b</sup>	93	30.9	19.0	51.9	204	121
1904 <sup>b</sup>	125	47.2	27.9	63.6	223	166
1909	110	41.2	28.8	58.5	262	184
1914	109	31.9	22.4	30.3	206	216
<b>Glass</b>						
1899	38	4.9	13.6	23.5 <sup>c</sup>	357	75
1904	84	9.9	25.6	35.4 <sup>c</sup>	305	85
1909	191	20.2	42.5	54.4 <sup>c</sup>	223	83
1914	232	23.6	32.9	39.9 <sup>c</sup>	142	84

<sup>a</sup> Massachusetts establishments and employment only. Additional states are included in the wage series beginning in 1892 or 1893. Wisconsin wage series for 1889-95 do not have corresponding data on employment and number of establishments.

<sup>b</sup> Includes the number of establishments and employment in Connecticut for the fiscal year including half of the year shown; wage series includes Connecticut for the calendar years 1900-1903.

<sup>c</sup> Based on census employment as given in the census, without adjustment for seasonality.

*APPENDIX C*  
TABLE C-1 (concluded)

	<i>Establishments</i>		<i>Wage Earners</i>		<i>Number of Wage Earners per Establishment</i>	
	Number	% of Census	Thousands	% of Census	State Data	Census Data
<b>Foundry and machine shops</b>						
1889 <sup>a</sup>	214	2.7	15.5	5.4	73	36
1899 <sup>b</sup>	1,164	10.6	145.4	34.1	125	39
1904 <sup>b</sup>	1,777	15.9	197.3	39.6	111	45
1909	2,066	15.0	184.2	31.8	89	42
1914	1,111	7.8	75.7	12.5	68	42
<b>Iron and steel</b>						
1899	— <sup>d</sup>	— <sup>d</sup>	102.9	45.5	— <sup>d</sup>	312
1904	— <sup>d</sup>	— <sup>d</sup>	164.9	66.6	— <sup>d</sup>	386
1909	391	57.1	204.4	72.0	523	414
1914 <sup>c</sup>	319	51.6	157.9	55.7	495	458

<sup>d</sup> Not available. Number of Pennsylvania establishments (state data) not given in source.

<sup>c</sup> Includes Pennsylvania establishments and employment. The Pennsylvania data for 1914 were used only to compute the average number of days in operation. State earnings data for 1913 exclude Pennsylvania and cover only 5,400 workers. Coverage for 1910-12 is comparable to 1909.