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Volume Title: Fatal Years: Child Mortality in Late Nineteenth-Century America

Volume Author/Editor: Samuel H. Preston and Michael R. Haines

Volume Publisher: Princeton University Press

Volume ISBN: 0-691-04268-3

Volume URL: <http://www.nber.org/books/pres91-1>

Conference Date: n/a

Publication Date: January 1991

Chapter Title: Appendix A, Assigning Income and Unemployment Estimates to Individuals in the National Sample of the 1900 United States Census

Chapter Author: Samuel H. Preston, Michael R. Haines

Chapter URL: <http://www.nber.org/chapters/c11547>

Chapter pages in book: (p. 211 - 220)

## APPENDIX A

### ASSIGNING INCOME AND UNEMPLOYMENT ESTIMATES TO INDIVIDUALS IN THE NATIONAL SAMPLE OF THE 1900 UNITED STATES CENSUS

THE AVAILABLE economic data in the manuscripts of the 1900 United States Census of Population are rather limited. The manuscripts of the censuses of agriculture and manufactures for 1900 appear to have been destroyed, eliminating the possibilities of linked data from those sources. The census provided information on the occupation of the individual. Each person aged 10 years or over who was occupied in gainful labor was asked for the profession, trade, or branch of work in which he or she was engaged "ordinarily" during the "larger part of the time." This was stated even if the person was, or had been, unemployed. The number of months unemployed during the previous year was also asked. Finally, information was collected concerning whether the home or farm was owned or rented and, if owned, whether owned free or mortgaged. No data on income or wages were collected (U.S. Bureau of the Census 1979:32-37).

In order to measure the impact of income on child mortality, a procedure was developed to impute average incomes to various occupations. The procedure used the list of occupations from the 1900 sample coded according to the 1900 occupational coding system and assigned to each an average annual income for a date close to the census. The major sources used were Stanley Lebergott's historical study of American labor (Lebergott 1964), which provided data for 1899; Paul Douglas's study of real wages in the United States since (Douglas 1930), which gave data for 1899 or 1900; and the 1901 cost-of-living survey conducted by Carroll Wright, U.S. Commissioner of Labor (U.S. Commissioner of Labor 1903: Table II-B, pp. 264-82). In the cost-of-living survey, only frequencies for grouped intervals of income were given, and so means for intervals were assumed. (For example, the mean for the interval \$400-499 was assumed to be \$450.) A list of the occupations and imputed incomes is given in Table A.1. Occupations that were not available from the various sources are assigned an income, either the average for the occupational category as a whole or the average for a similar occupation for which an average income was known. The most important exception was farmers,

for whom income depended on type and size of farm, crop prices, harvest size, etc. It was felt that too much uncertainty was associated with this occupation to make an imputation.

No adjustment was made to the incomes directly for obvious variations by age and sex. Adjustments for this were made separately during the analysis. An estimate of age/earnings profile was made from the 1889-90 U.S. Commissioner of Labor Survey on income and expenditures, from which an index was made (U.S. Commissioner of Labor 1890, 1891; Haines 1979c). The index values were: age 10-19: .700; 20-29: .955; 30-39: 1.086; 40-49: 1.099; 50-59: .910; 60 and over: .726, with the base being the overall mean. On the basis of this observed pattern, it was decided to include a parabolic function of husband's age in the regression analysis (i.e., husband's age and husband's age squared). The lower level of female incomes was generally taken into account in the low incomes of predominantly female occupations, such as milliners, seamstresses, and domestic servants. A correction factor of .705 for lower female incomes in mixed occupations was imputed from Lebergott (1964:488).

In addition to average incomes, occupational averages with respect to months unemployed were also assigned to each individual on the basis of the individual's occupation. The unemployment variables were the average months unemployed for that occupation and the proportion of the occupation reporting some unemployment in the twelve months prior to the census. These results were tabulated from the census sample only for males aged 10 and over. The occupation-specific values for average months unemployed and proportion reporting some months unemployed are also given in Table A.1, along with the frequencies for each occupation.

TABLE A.1  
Imputed Income and Estimated Number of Months Unemployed for Men in  
Various Occupations: U.S., 1900

Code	Occupation	Frequency	Imputed annual income (\$)	Source	Avg. months unemployed	Proportion reporting at least one month unemployed
	Agricultural pursuits	13,691	334	CW	0.78	0.20
6	Farm & Plantation Laborers	2,836	255	PD	1.50	0.38
7	Farm Labor (family)	2,976	255	PD	1.39	0.37
8	Garden & Nursery Labor	43	255	PD	1.06	0.21
11	Dairy Workers	35	255	PD	0.21	0.03
16	Farmers & Planters	7,101	NI	—	0.29	0.07
17	Farmers (family)	318	NI	—	0.35	0.11

TABLE A.1 (cont.)

Code	Occupation	Frequency	Imputed annual income (\$)	Source	Avg. months unemployed	Proportion reporting at least one month unemployed
18	Farm, Plantation Overseers	21	750	CW	0.21	0.05
21	Gardeners	59	413	CW	1.29	0.27
22	Florists, Nurserymen, Vinegrowers	20	593	CW	0.28	0.06
23	Fruit Growers	17	334	CW	0.00	0.00
26	Lumbermen & Raftsmen	87	356	CW	1.13	0.39
31	Stock Raisers	50	334	CW	0.00	0.00
32	Stock Herders & Drovers	59	334	CW	1.65	0.43
36	Turpentine Farmers & Labor	40	334	CW	1.15	0.33
41	Wood Choppers	23	400	CW	0.80	0.25
47	Agricultural—not specified	6	334	CW	2.00	0.50
	Professional service	1,530	865	CW	0.78	0.17
56	Actors	18	865	CW	1.18	0.36
57	Professional Showmen	16	865	CW	1.87	0.33
58	Theatrical Managers	2	865	CW	0.00	0.00
61	Architects	8	1,000	S	0.00	0.00
62	Designers, Draftsmen, Inventors	23	1,000	S	0.48	0.14
66	Engineers (civil)	14	1,033	CW	1.85	0.31
67	Engineers (mechanical, electrical)	22	979	CW	1.21	0.26
68	Engineers (mining)	5	979	CW	0.00	0.00
69	Surveyors	7	1,200	S	1.43	0.29
71	Authors & Scientists	8	1,000	S	0.75	0.25
72	Librarians & Assistants	8	1,100	CW		
73	Chemists, Assayers, Metallurgy	11	974	SL	0.00	0.00
76	Officials (national)	52	605	SL	0.00	0.00
77	Officials (state)	3	605	SL	0.00	0.00
78	Officials (county)	17	605	SL	0.00	0.00
79	Officials (city)	12	605	SL	0.45	0.09
81	Physicians, Surgeons	175	1,000	S	0.11	0.02
82	Teachers	537	590	CW	2.87	0.64
83	Professors (college, univ.)	12	1,200	S	4.29	0.71
86	Veterinary Surgeons	14	1,200	S	0.64	0.18
87	Professional (not specified)	9	865	CW	3.50	0.50
91	Artists, Teachers of Art	31	1,050	CW	0.12	0.06
92	Clergymen	128	730	PD	0.34	0.07
93	Dentists	32	900	CW	0.22	0.04
94	Electricians	63	837	CW	0.30	0.09
96	Journalists	38	928	CW	0.52	0.06
97	Lawyers	149	1,200	S	0.24	0.04
98	Musicians, Teachers of Music	116	670	CW	0.82	0.20
	Domestic & personal service	7,539	243/332	SL	1.64	0.40
106	Janitors	76	552	CW	0.33	0.10
107	Sextons	4	488	CW	0.00	0.00

TABLE A.1 (cont.)

<i>Code</i>	<i>Occupation</i>	<i>Frequency</i>	<i>Imputed annual income (\$)</i>	<i>Source</i>	<i>Avg. months unemployed</i>	<i>Proportion reporting at least one month unemployed</i>
111	Elevator Tenders	15	469	CW	0.00	0.00
112	Laborers (coal yard)	2	373	CW	2.00	0.50
113	Laborers (general)	3,464	373	CW	2.04	0.50
114	Longshoremen	33	540	CW	2.41	0.48
116	Stevedores	11	540	CW	2.10	0.60
121	Laundry Work (hand)	500	209	SL	0.39	0.08
122	Laundry Work (steam)	20	551	CW	0.20	0.10
126	Nurses (trained)	14	450	CW	0.00	0.00
127	Nurses (not specified)	211	209	SL	0.67	0.11
128	Midwives	6	243	SL		
131	Servants	2,022	243	SL	0.69	0.19
132	Waiters	113	509	CW	1.31	0.31
136	Soldiers	143	450	S	0.23	0.15
137	Sailors	9	467	CW	1.67	0.67
138	Marines	1	450	S	0.00	0.00
141	Watchmen, Policemen	137	592/887	CW	0.32	0.08
142	Firemen	21	874	CW	0.00	0.00
146	Bootblacks	9	430	CW	0.33	0.11
147	Hunters, Trappers, Guides	12	334	S	0.00	0.00
148	Domestic Service (not specified)	17	243	SL	0.60	0.10
151	Barbers & Hairdressers	160	605	CW	0.41	0.09
152	Bartenders	130	647	CW	0.70	0.12
153	Boarding- & Lodging-House Keepers	82	500	S	1.29	0.14
154	Hotel Keepers	72	750	S	0.35	0.06
156	Housekeepers & Stewards	132	350/725	CW	0.33	0.11
157	Restaurant Keepers	23	750	CW	0.00	0.00
158	Saloon Keepers	100	750	S	0.01	0.01
	Trade & transportation	5,939	620/639 510/505	CW SL	0.48	0.11
206	Agents (insurance & real estate)	157	743	CW	0.23	0.04
207	Agents (not specified)	130	758	CW	0.60	0.11
211	Bankers & Brokers (stock)	107	1,500	S	1.78	0.16
212	Brokers (commercial)	16	1,200	S	0.00	0.00
216	Boatmen & Canalmen	12	500	CW	2.00	0.42
217	Pilots	3	942	CW	0.00	0.00
218	Sailors	78	467	CW	0.94	0.27
221	Clerks & Copyists	844	714	CW	0.44	0.10
222	Clerks (shipping)	36	600	S	0.16	0.03
223	Letter & Mail Carriers	30	919	CW	0.43	0.04
226	Draymen, Teamsters, Expressmen	625	546	CW	0.74	0.19
227	Carriage & Hack Drivers	66	555	CW	0.15	0.05
231	Foremen (livery stable)	2	669	CW	0.00	0.00
232	Foremen (steam railroad)	54	646	CW	0.08	0.04
233	Foremen (street railway)	2	690	CW	0.00	0.00

TABLE A.1 (cont.)

<i>Code</i>	<i>Occupation</i>	<i>Frequency</i>	<i>Imputed annual income (\$)</i>	<i>Source</i>	<i>Avg. months unemployed</i>	<i>Proportion reporting at least one month unemployed</i>
234	Foremen (not specified)	15	823	CW	0.00	0.00
241	Merchants (boots, shoes)	20	1,100	SL	0.77	0.15
242	Merchants (cigars, tobacco)	15	1,100	SL	0.00	0.00
243	Merchants (clothing)	21	1,100	SL	0.12	0.06
244	Merchants (coal & wood)	18	1,100	SL	0.00	0.00
246	Merchants (drugs, medicines)	66	1,100	SL	0.44	0.07
247	Merchants (dry goods, notions)	52	1,100	SL	0.00	0.00
248	Merchants (general store)	30	1,100	SL	0.00	0.00
249	Merchants (groceries)	176	1,100	SL	0.02	0.01
251	Merchants (liquors, wines)	13	1,100	SL	0.00	0.00
252	Merchants (lumber)	26	1,100	SL	0.00	0.00
253	Merchants (produce, provisions)	88	1,100	SL	0.23	0.08
254	Merchants (not specified)	351	1,100	SL	0.28	0.06
256	Bundle & Cash Boys	17	400	S	0.50	0.13
257	Messengers	46	500	CW	0.79	0.12
258	Office Boys	21	400	S	0.95	0.10
261	Bank Officials, Cashiers	26	1,500	CW	0.63	0.05
262	Officials (insurance & trust cos.)	6	1,500	CW	0.00	0.00
263	Officials (trade cos.)	12	1,500	CW	0.00	0.00
264	Officials (transportation cos.)	41	1,500	CW	0.00	0.00
266	Steam RR Baggage men	13	708	CW	0.82	0.18
267	Steam RR Brakemen	99	638	CW	0.31	0.14
268	Steam RR Conductors	52	944	CW	0.21	0.09
269	Steam RR Engineers, Firemen	126	992/711	CW	0.45	0.10
271	Steam RR Laborers	351	462	CW	1.04	0.30
272	Steam RR Station Agents, Employees	58	843	CW	0.12	0.06
273	Steam RR Switchmen, Yardmen	49	682/533	CW	0.02	0.02
276	Stenographers	123	780	CW	0.08	0.03
277	Typewriters	11	780	CW	0.00	0.00
281	Street Railway Conductors	20	654	CW	0.75	0.10
282	Street Railway Drivers	1	650	CW	0.00	0.00
283	Street Railway Laborers	7	462	CW	1.00	0.40
284	Street Railway Motormen	43	634	CW	0.32	0.11
291	Telegraph Operators	76	742	CW	0.40	0.10
292	Telephone Operators	29	500	CW	0.00	0.00
301	Bookkeepers & Accountants	344	819	CW	0.45	0.09
302	Commercial Travelers	123	1,010	CW	0.31	0.09
303	Hostlers	78	581	CW	0.83	0.22
304	Hucksters & Peddlers	103	400	CW	0.73	0.18
306	Livery-Stable Keepers	28	502	CW	0.00	0.00
307	Wholesale Merchants, Dealers	94	1,100	SL	0.23	0.04
308	Packers & Shippers	56	534	CW	1.19	0.34
309	Porters & Helpers (stores)	79	521	CW	0.88	0.18
311	Salesmen & Saleswomen	635	680	CW	0.38	0.07

TABLE A.1 (cont.)

<i>Code</i>	<i>Occupation</i>	<i>Frequency</i>	<i>Imputed annual income (\$)</i>	<i>Source</i>	<i>Avg. months unemployed</i>	<i>Proportion reporting at least one month unemployed</i>
312	Telegraph & Telephone Linemen	16	681	CW	0.46	0.08
313	Undertakers	19	689	CW	0.18	0.06
321	Auctioneers	2	620	S	0.00	0.00
323	Newspaper Carriers	9	483	CW	0.63	0.13
324	Weighers, Gaugers, Measurers	1	600	CW	0.00	0.00
326	Trade & Transport (not specified)	8	631	CW	1.83	0.50
331	Conductors (not specified)	31	799	CW	0.39	0.11
332	Railroad Employees (not specified)	33	639	CW	0.50	0.19
	Building trades	1,586	661	CW	2.07	0.47
416	Carpenters & Joiners	782	630	CW	2.00	0.47
417	Ship Carpenters	24	638	CW	1.30	0.25
418	Apprentices (carpentry)	2	425	CW	4.00	0.50
421	Masons	197	775	CW	3.12	0.65
422	Masons' Laborers	12	356	CW	1.82	0.55
423	Apprentices (mason)	2	519	CW	0.00	0.00
426	Painters, Glaziers, Varnishers	300	624	CW	2.14	0.49
427	Painters (carriages)	26	627	CW	0.77	0.27
431	Paper Hangers	26	651	CW	2.36	0.44
436	Plasterers	49	712	CW	3.50	0.70
441	Plumbers, Steam Fitters	130	850	CW	0.85	0.21
442	Apprentice Plumbers	11	489	CW	2.50	0.50
446	Roofers & Slaters	13	615	CW	1.23	0.31
447	Apprentice Roofers	1	412	CW	—	—
450	Mechanics (not specified)	11	661	CW	1.67	0.22
	Chemicals	42	560	CW	0.49	0.14
466	Oil-Well Employees	23	560	CW	0.63	0.21
467	Oil-Works Employees	7	560	CW	0.71	0.14
471	Chemical-Works Employees	3	560	CW	0.00	0.00
472	Fertilizer Makers	1	560	CW	0.00	0.00
473	Powder & Cartridge Makers	6	560	CW	0.00	0.00
474	Salt-Works Employees	2	560	CW	—	—
486	Brick Makers	44	500	CW	2.48	0.60
487	Tile Makers	6	483	CW	1.33	0.33
491	Glass Workers	57	740	CW	2.18	0.67
492	Marble & Stone Cutters	83	781	CW	1.54	0.36
493	Potters	14	747	CW	0.67	0.25
	Fishing & mining	857	—	—	1.99	0.50
506	Miners (coal)	367	482	CW	2.24	0.60
507	Miners (gold & silver)	44	841	CW	1.10	0.35
508	Miners (not specified)	283	482	CW	1.67	0.41
509	Quarrymen	68	532	CW	1.98	0.45
510	Fishermen & Oystermen	95	550	CW	2.44	0.49

TABLE A.1 (cont.)

<i>Code</i>	<i>Occupation</i>	<i>Frequency</i>	<i>Imputed annual income (\$)</i>	<i>Source</i>	<i>Avg. months unemployed</i>	<i>Proportion reporting at least one month unemployed</i>
	Food products	375	607	CW	0.67	0.14
526	Fish Curers & Packers	1	570	CW	3.00	1.00
527	Meat, Fruit Canners, Preservers	10	570	S	1.00	0.17
528	Meat Packers, Curers, Picklers	19	570	CW	0.61	0.17
529	Sugar Makers, Refiners	4	586	S	0.25	0.25
531	Food Preparers (not specified)	9	607	CW	0.00	0.00
536	Bakers	93	629	CW	0.68	0.15
537	Butchers	119	607	CW	0.75	0.13
538	Butter & Cheese Makers	31	650	CW	0.56	0.15
539	Confectioners	42	586	CW	0.52	0.08
541	Millers	47	796	CW	0.74	0.18
	Iron & steel industry	1,138	685	CW	0.89	0.21
556	Blacksmiths	281	689	CW	0.87	0.17
557	Blacksmiths' Apprentices	12	507	CW	0.36	0.09
561	Iron & Steel Workers	240	665	CW	1.24	0.30
562	Molders	97	735	CW	1.13	0.28
566	Machinists	326	736	CW	0.64	0.15
567	Machinists' Apprentices	22	485	CW	0.63	0.21
571	Steam-Boiler Makers	40	754	CW	1.29	0.18
572	Steam-Boiler Helpers	9	511	CW	1.14	0.14
576	Stove, Furnace, Grate Makers	20	665	S	0.88	0.31
577	Tool & Cutlery Workers	42	881	CW	0.56	0.15
578	Wheelwrights	29	700	CW	0.85	0.19
579	Wire Workers	20	674	CW	0.35	0.18
	Leather products	364	600	CW	1.33	0.29
606	Boot & Shoe Factory Operatives	112	649	CW	2.05	0.57
607	Shoemakers	130	452	CW	1.15	0.22
610	Harness & Saddle Makers	54	594	CW	0.37	0.07
616	Leather Curriers	22	537	CW	3.14	0.50
617	Leather Tanners	35	555	CW	0.79	0.17
621	Trunk Makers	6	503	CW	0.00	0.00
622	Leather Case, Pocketbook Makers	5	617	CW	0.00	0.00
	Liquors & beverages	48	676	CW	1.05	0.20
636	Bottlers	21	558	CW	0.83	0.22
641	Brewers & Maltsters	22	764	CW	1.00	0.16
642	Distillers & Rectifiers	5	800	CW	2.25	0.25
	Lumber products	411	572	CW	1.19	0.31
656	Saw & Planing Mill Workers	156	572	CW	1.50	0.36
657	Lumber-Yard Employees	20	572	CW	1.81	0.50
661	Basket Makers	8	470	CW	1.86	0.43



TABLE A.1 (cont.)

Code	Occupation	Frequency	Imputed annual income (\$)	Source	Avg. months unemployed	Proportion reporting at least one month unemployed
662	Box Makers (wood)	8	462	CW	1.75	0.25
663	Furniture Manufactory Employees	37	582	CW	1.15	0.24
664	Piano & Organ Makers	16	662	CW	0.67	0.33
666	Woodworkers (not specified)	74	550	CW	0.60	0.23
671	Cabinet Makers	50	662	CW	0.78	0.22
672	Coopers	42	541	CW	1.32	0.34
	Other metal products	351	665	CW	0.82	0.24
706	Brass Workers	33	644	CW	0.92	0.16
707	Brass Molders	11	756	CW	0.64	0.18
711	Clock-Factory Operatives	4	450	CW	0.00	0.00
712	Watch-Factory Operatives	23	883	CW	0.67	0.06
713	Clock & Watch Repairers	6	900	S	1.50	0.33
716	Gold & Silver Workers	12	607	CW	1.89	0.56
717	Jewelry Manufactory Employees	19	660	CW	0.25	0.17
722	Tinners & Tinware Makers	94	656	CW	0.60	0.23
723	Apprentice Tinsmiths	1	439	CW	0.00	0.00
726	Copper Workers	7	775	CW	1.00	0.29
727	Electroplaters	10	800	CW	0.38	0.13
728	Gunsmiths, Locksmiths	17	610	CW	0.80	0.27
729	Lead & Zinc Workers	2	665	CW	0.00	0.00
732	Metalworkers (not specified)	112	665	CW	1.07	0.30
	Paper & printing	368	743	CW	0.71	0.14
756	Printers & Pressmen	154	720	CW	0.69	0.13
757	Lithographers	10	877	CW	0.00	0.00
758	Compositors	57	784	CW	0.73	0.16
759	Electrotypers, Stereotypers	6	950	CW	0.00	0.00
761	Apprentice Printers	3	482	CW	3.67	0.33
766	Bookbinders	51	713	CW	0.68	0.11
767	Box Makers (paper)	18	530	CW	0.00	0.00
768	Engravers	7	960	CW	1.17	0.33
769	Paper & Pulp Mill Operatives	62	579	CW	0.82	0.16
	Textiles	1,790	530	CW	1.14	0.29
806	Bleachery Operatives	6	417	CW	1.00	0.40
807	Dye-Works Operatives	24	460	CW	0.87	0.17
811	Carpet-Factory Operatives	30	565	CW	1.21	0.36
812	Cotton-Mill Operatives	260	523	CW	1.17	0.27
813	Hosiery, Knitting-Mill Operatives	49	530	CW	0.44	0.11
814	Silk-Mill Operatives	72	577	CW	0.57	0.20
816	Woolen-Mill Operatives	72	502	CW	0.90	0.26
821	Hemp- & Jute-Mill Operatives	1	502	S	—	—
822	Linen-Mill Operatives	2	502	S	0.00	0.00
823	Print-Works Operatives	6	502	S	0.20	0.20

TABLE A.1 (cont.)

<i>Code</i>	<i>Occupation</i>	<i>Frequency</i>	<i>Imputed annual income (\$)</i>	<i>Source</i>	<i>Avg. months unemployed</i>	<i>Proportion reporting at least one month unemployed</i>
824	Rope & Cordage Factory Operatives	5	502	S	0.00	0.00
826	Worsted-Mill Operatives	7	502	CW	2.25	0.25
827	Textile (not specified)	122	530	CW	1.21	0.25
831	Dressmakers	411	280	SL	2.25	0.50
832	Apprentice Dressmakers	2	188	SL	—	—
836	Milliners	117	389	SL	0.00	0.00
837	Apprentice Milliners	1	245	SL	—	—
841	Tailors & Tailoresses	265	599	CW	1.21	0.35
842	Apprentice Tailors	2	405	CW	4.00	0.50
846	Hat & Cap Makers	31	640	CW	1.61	0.35
847	Seamstresses	165	288	CW	1.00	0.20
848	Shirt, Collar, Cuff Makers	51	388	PD	1.06	0.35
851	Carpet (rag) Makers	1	400	CW	—	—
852	Lace & Embroidery Makers	14	388	PD	1.00	0.25
853	Sail, Awning & Tent Makers	6	681	CW	1.40	0.40
854	Sewing Machine Operators	5	550	CW	—	—
856	Textile Workers (not specified)	63	530	CW	1.44	0.36
	Miscellaneous industries	2,457	—	—	0.75	0.19
906	Manufacturers & Officials	221	1,250	S	0.20	0.04
907	Builders & Contractors	67	1,200	S	0.49	0.12
908	Publishers of Books/Maps/Papers	9	1,100	S	0.00	0.00
909	Officials of Mining Cos.	15	1,500	S	0.00	0.00
911	Broom & Brush Makers	22	503	CW	1.82	0.35
912	Charcoal, Coke, & Lime Burners	13	520	CW	0.91	0.18
913	Engineers & Firemen (not locomotive)	253	749/595	CW	0.80	0.19
914	Glove Makers	10	641	CW	0.50	0.25
916	Model & Pattern Makers	20	794	CW	0.35	0.12
917	Photographers	34	823	CW	0.69	0.14
918	Rubber-Factory Operatives	36	488	CW	1.05	0.40
919	Tobacco- & Cigar-Factory Operatives	190	603	CW	1.05	0.28
921	Upholsterers	37	606	CW	1.61	0.39
926	Apprentices (not specified)	44	373	S	0.74	0.13
927	Artificial-Flower Makers	3	373	S	—	—
928	Button Makers	15	557	CW	0.57	0.29
929	Candle, Soap, Tallow Makers	5	450	S	0.50	0.25
931	Corset Makers	14	450	S	0.00	0.00
932	Cotton Ginners	1	450	S	2.00	1.00
933	Electric Light & Power Employees	19	676	CW	0.00	0.00
934	Gas-Works Employees	9	676	CW	1.44	0.33
936	Piano & Organ Tuners	2	867	CW	0.00	0.00
937	Straw Workers	1	450	S	—	—
939	Umbrella & Parasol Makers	7	450	S	0.00	0.00

TABLE A.1 (cont.)

Code	Occupation	Frequency	Imputed annual income (\$)	Source	Avg. months unemployed	Proportion reporting at least one month unemployed
941	Well Borers	8	650	CW	2.57	0.71
942	Whitewashers	10	312	CW	4.50	0.90
943	Unspecified	253	450	S	0.82	0.28
946	Uncodable employment	532	450	S	0.74	0.17
947	Housekeeper, Steward, Domestic Resident	389	243	S	0.00	0.00
951	Officials, Societies & Institutions	10	1,200	S	1.11	0.11
952	Managers, Officials, Proprietors	53	1,200	S	0.17	0.05
953	Government Officials (level unknown)	7	790	SL	0.86	0.14
954	Inspectors	6	775	CW	0.50	0.25
955	Foremen	28	823	CW	1.11	0.21
956	Box Makers (type unknown)	37	496	CW	0.79	0.26
957	Vehicle Makers, Repairers (type unknown)	77	657	CW	0.71	0.18
	Nonoccupational codes	61,748	—	—	2.82	0.36
961	At school	13,724	NI	—	2.22	0.41
962	Housewife	307	NI	—	—	—
963	Retired	132	NI	—	6.69	0.60
964	Landlord	167	1,100	S	1.97	0.19
966	Invalid (physical or mental)	49	NI	—	7.20	0.60
967	Inmate	528	NI	—	2.35	0.41
969	Nun	15	NI	—	—	—
969	Other nonoccupation	379	NI	—	6.14	0.64
976	Child Labor (farm)	42	NI	—	0.29	0.14
977	Child Labor (domestic)	6	NI	—	—	—
978	Child Labor (other)	26	NI	—	0.00	0.00
998	Illegible	215	NI	—	0.72	0.16
999	No occupation reported	46,158	NI	—	3.09	0.36
	Total	100,438	—	—	1.02	0.24

Note: Incomes were imputed from the 1901 cost-of-living survey (U.S. Commissioner of Labor 1903), given as CW; Lebergott 1964, given as SL; and Douglas 1930, given as PD. The code S means taken from a similar occupation or group average. NI means not included. The results for average months unemployed and proportion with some unemployment are for males aged 10 and over, who had a nonblank report for months unemployed.