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NATIONAL RECOVERY ADMINISTRATION

DIVISION OF REVIEW

EVIDENCE STUDY

NO. 45

OF

AUTOMOTIVE PARTS AND EQUIPMENT

MANUFACTURING INDUSTRY

Prepared by

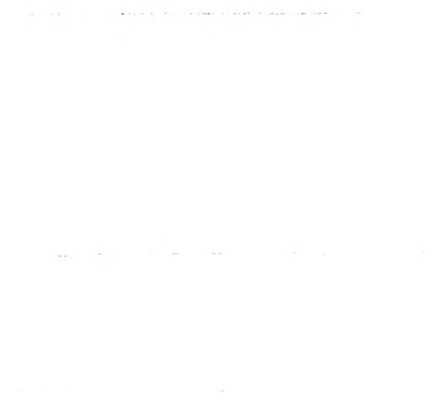
THE INDUSTRY STATISTICS UNIT

November, 1935

PRELIMINARY DRAFT

(NOT FOR RELEASE: FOR USE IN DIVISION ONLY)

Fig.



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THE EVIDENCE STUDY SERIES

The EVIDENCE STUDIES were originally planned as a means of gathering evidence bearing upon various legal issues which arose under the National Industrial Recovery Act.

These studies have value quite aside from the use for which they were originally intended. Accordingly, they are now made available for confidential use within the Division of Review, and for inclusion in Code Histories.

The full list of the Evidence Studies is as follows:

- | | |
|-------------------------------------|---|
| 1. Automobile Manufacturing Ind. | 23. Mason Contractors Industry |
| 2. Boot and Shoe Mfg. Ind. | 24. Men's Clothing Industry |
| 3. Bottled Soft Drink Ind. | 25. Motion Picture Industry |
| 4. Builders' Supplies Ind. | 26. Motor Bus Mfg. Industry (Dropped) |
| 5. Chemical Mfg. Ind. | 27. Needlework Ind. of Puerto Rico |
| 6. Cigar Mfg. Industry | 28. Fainting & Paperhanging & Decorating |
| 7. Construction Industry | 29. Photo Engraving Industry |
| 8. Cotton Carment Industry | 30. Plumbing Contracting Industry |
| 9. Dress Mfg. Ind. | 31. Retail Food (See No. 42) |
| 10. Electrical Contracting Ind. | 32. Retail Lumber Industry |
| 11. Electrical Mfg. Ind. | 33. Retail Solid Fuel (Dropped) |
| 12. Fab. Metal Prod. Mfg., etc. | 34. Retail Trade Industry |
| 13. Fishery Industry | 35. Rubber Mfg. Ind. |
| 14. Furniture Mfg. Ind. | 36. Rubber Tire Mfg. Ind. |
| 15. General Contractors Ind. | 37. Silk Textile Ind. |
| 16. Graphic Arts Ind. | 38. Structural Clay Products Ind. |
| 17. Gray Iron Foundry Ind. | 39. Throwing Industry |
| 18. Hosiery Ind. | 40. Trucking Industry |
| 19. Infant's & Children's Wear Ind. | 41. Waste Materials Ind. |
| 20. Iron and Steel Ind. | 42. Wholesale & Retail Food Ind. (See No. 31) |
| 21. Leather | 43. Wholesale Fresh Fruit & Veg. |
| 22. Lumber & Timber Prod. Ind. | |

In addition to the studies brought to completion, certain materials have been assembled for other industries. These MATERIALS are included in the series and are also made available for confidential use within the Division of Review and for inclusion in Code Histories, as follows:

- | | |
|------------------------------------|---|
| 44. Wool Textile Industry | 49. Household Goods & Storage, etc. (Dropped) |
| 45. Automotive Parts & Equip. Ind. | 50. Motor Vehicle Retailing Trade Ind. |
| 46. Baking Industry | 51. Retail Tire & Battery Trade Ind. |
| 47. Canning Industry | 52. Ship & Boat Bldg. & Repairing Ind. |
| 48. Coat and Suit Ind. | 53. Wholesaling or Distributing Trade |

L. C. Marshall
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AUTOMOTIVE PARTS AND EQUIPMENT
MANUFACTURING INDUSTRY

General Notes

Code Definition

The Automobile Parts and Equipment Manufacturing Industry as defined by the Code includes: "The business of the production and/or manufacture of automotive parts and/or equipment, consisting of automotive original equipment, automotive replacement parts, automotive accessories, automotive service tools, automotive chemical specialities, automotive electrical products, internal-combustion engines excepting aircraft engines, such other allied products as are natural affiliates, including industrial, marine, and aircraft parts, units, and/or equipment, which are or have parts kindred to this automotive parts and/or equipment Industry, excepting, however, the production and/or manufacture of such articles when produced or manufactured by a manufacturer for use exclusively in his own finished product, and excepting the business of manufacturing and/or producing rubber tires and tubes and other rubber products included in the Code or Codes of Fair Competition for the Rubber Industry, and excepting the products included in the Code of Fair Competition for the Electric Storage and Wet Primary Battery Industry."

The criteria by which industry formulated Code definitions were somewhat different from those used by the Bureau of the Census and other government agencies in making their classifications and for this reason figures from government sources are not applicable to the Automotive Parts and Equipment Manufacturing Industry as defined by the Code.

Sources

The sources of the data in the accompanying tables are the Code Authority for the Automotive Parts and Equipment Manufacturing Industry, the Automotive Parts and Equipment Manufacturing Association, and the Bureau of Labor Statistics.

Code Authority Data. - In making a study of the Automotive Parts and Equipment Manufacturing Industry, in cooperation with the Division of Research and Planning, of the National Recovery Administration, the Code Authority segregated the companies manufacturing original equipment from those manufacturing replacement parts.

Employment, payrolls, man-hours, hourly and weekly wages from 1929 through November 1934 are shown for five independent original equipment companies whose employment represented 11 per cent of total employment in the industry in 1934, and about 95

per cent of whose output is sold to automobile manufacturers.

Similar data covering a shorter period of time are shown for 47 original equipment companies who employ approximately 45 per cent of all the employees in the industry. Data for the 12 replacement parts companies cover only one per cent of all the employees in the industry. It is not known what proportion these employees are of the employees in all replacement parts companies.

Bureau of Labor Statistics. - Data from the Bureau of Labor Statistics are from a special unpublished tabulation made in cooperation with the National Recovery Administration for establishments under the Code.

Employment, payrolls and average weekly wages are based upon a sample covering an average of 72 establishments and 33,316 employees in 1933, an average of 180 establishments and 63,393 employees in 1934, and an average of 154 establishments and 56,742 employees for the eight months of 1935. The indexes of employment and payroll are derived by chaining together month-to-month relative changes in identical establishments.

Average hours and average hourly wage are based upon a sample covering an average of 57 establishments and 20,426 employees in 1933, an average of 133 establishments and 48,228 employees in 1934, and an average of 149 establishments and 56,299 employees for the eight months in 1935.

Man-hours were derived by multiplying the index of employment by the average hours worked per week and reducing the results as relatives to the 1933 average.

AUTOMOTIVE PARTS AND EQUIPMENT MANUFACTURING INDUSTRY						
Factory Employment, Payrolls, Hours, and Wages, 1933-1935						
MONTH	INDEXES 1933 = 100			AVERAGE HOURS WORKED PER WEEK	WAGES	
	EMPLOYMENT	PAYROLLS	MAN-HOURS		AVERAGE HOURLY (Cents)	AVERAGE WEEKLY (Dollars)
1933-JAN	92.8	94.6	105.8	43.2	48.2	20.55
FEB	91.2	86.7	93.2	38.7	49.8	18.98
MAR	81.4	61.1	63.4	29.5	49.9	14.97
APR	78.8	74.5	77.8	37.4	49.3	18.75
MAY	87.6	94.1	100.2	43.3	48.8	21.30
JUN	97.3	106.1	113.5	44.2	48.4	21.60
JUL	108.4	116.1	122.6	42.8	49.5	21.25
AUG	116.1	119.8	113.7	37.4	54.1	20.27
SEP	116.7	112.5	104.5	33.9	55.4	18.71
OCT	106.5	97.9	90.8	32.3	55.5	17.86
NOV	104.1	106.7	97.3	35.4	56.4	19.92
DEC	120.2	130.0	117.1	36.9	56.4	20.64
AVERAGE	100.0	100.0	100.0	37.9	51.8	19.55
1934-JAN	141.0	145.3	128.5	34.5	57.1	19.62
FEB	168.0	186.6	170.0	38.3	56.7	21.60
MAR	194.4	220.2	199.3	38.8	56.9	22.02
APR	205.1	235.5	203.1	37.5	59.7	22.32
MAY	192.5	204.6	169.3	33.3	61.7	20.59
JUN	163.3	163.5	138.1	32.0	60.9	19.34
JUL	149.9	142.6	115.2	29.1	63.5	18.40
AUG	148.5	147.3	121.2	30.9	62.8	19.42
SEP	129.1	107.8	91.0	26.7	62.8	16.78
OCT	115.4	107.4	89.3	29.3	64.3	18.81
NOV	117.4	117.3	99.9	32.2	62.8	20.20
DEC	143.2	160.8	141.5	37.4	61.5	22.96
AVERAGE	155.7	161.6	138.9	33.3	60.9	20.17
1935-JAN	166.8	189.3	162.7	37.3	61.9	23.05
FEB	186.8	222.5	189.0	38.7	62.1	24.00
MAR	191.3	221.9	188.0	37.6	61.3	22.98
APR	182.3	211.3	178.7	37.5	63.0	23.61
MAY	179.3	201.1	172.5	36.8	62.2	22.87
JUN	165.4	177.7	148.7	34.4	62.8	21.50
JUL	156.1	161.4	131.8	32.3	64.1	20.72
AUG	146.8	154.3	127.4	33.2	63.9	21.25
SEP	156.7	181.4	147.5	36.0	63.5	22.85
OCT						
NOV						
DEC						
AVERAGE						

Source: Bureau of Labor Statistics in cooperation with the Division of Review, NRA. During June and December 1933 and 1934 activities of the reporting establishments were covered completely or (in a few cases) almost completely by the code definition. Figures reported were for the period nearest the 15th of the month.

AUTOMOTIVE PARTS AND EQUIPMENT MANUFACTURING INDUSTRY
Total Employment: Five original Equipment Companies

II-A		Number Employed a/									
		1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
JAN					16,082	12,128	9,700	9,246	6,612	14,740	
FEB					16,962	12,912	10,165	9,256	6,211	18,949	
MAR					18,342	12,733	11,124	7,874	5,162	20,164	
APR					18,624	13,070	11,425	7,175	5,956	20,495	
MAY					18,052	12,790	11,318	6,979	6,992	17,100	
JUN					17,325	11,746	9,890	6,802	8,083	13,616	
JUL					16,787	11,718	8,915	6,023	9,064	12,789	
AUG					15,723	11,220	8,426	5,099	10,156	11,374	
SEP					15,270	10,667	7,743	4,860	10,209	9,646	
OCT					13,424	9,546	6,922	5,316	8,721	8,045	
NOV					10,757	9,377	8,000	5,584	8,680	9,223	
DEC					10,690	9,789	8,995	6,496	11,806		
Average					15,670	11,425	9,385	6,726	8,139	14,195 ^{b/}	

II-B		Index of Employment (1929=100) b/									
JAN					102.6	77.4	61.9	59.0	42.2	94.1	
FEB					108.2	82.4	64.9	59.1	39.6	120.9	
MAR					117.1	81.3	71.0	50.2	33.1	128.7	
APR					118.9	83.4	72.9	45.8	38.0	130.8	
MAY					115.2	81.6	72.2	44.5	44.6	109.1	
JUN					110.6	75.0	63.1	43.4	51.6	86.9	
JUL					107.1	74.8	56.9	38.4	57.8	81.6	
AUG					100.3	71.6	53.8	32.5	64.8	72.6	
SEP					97.4	68.1	49.4	31.0	65.1	61.6	
OCT					85.7	60.9	44.2	33.9	55.7	51.3	
NOV					68.7	59.8	51.1	35.6	55.4	58.9	
DEC					68.2	62.5	57.4	41.5	75.3		
Average					100.0	73.2	59.9	42.9	51.9	90.6 ^{b/}	

JAN											
FEB											
MAR											
APR											
MAY											
JUN											
JUL											
AUG											
SEP											
OCT											
NOV											
DEC											

a/ Code Authority for Automotive Parts and Equipment Manufacturing Industry, Bulletin No. 38, "The Statistics of the Industry," Feb. 15, 1935. The five companies employed 11 per cent of all employees in the industry in April 1934.
 b/ Table II-A expressed as relatives to 1929 average.

AUTOMOTIVE PARTS AND EQUIPMENT MANUFACTURING INDUSTRY
Total Payrolls: Five original Equipment Companies

III-A Payrolls (Thousands of Dollars) a/

	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
--	------	------	------	------	------	------	------	------	------	------

JAN				2,705	1,745	1,095	1,094	622	1,475	
FEB				2,604	1,644	1,222	922	502	1,861	
MAR				3,028	1,929	1,497	720	344	2,204	
APR				3,132	1,924	1,504	515	589	2,113	
MAY				2,925	1,792	1,455	584	764	1,725	
JUN				2,674	1,441	1,011	551	953	1,275	
JUL				2,546	1,369	742	363	906	1,135	
AUG				2,266	1,328	846	295	1,011	1,016	
SEP				2,136	1,225	767	318	843	736	
OCT				1,844	1,172	805	422	655	705	
NOV				1,142	1,013	911	494	777	871	
DEC				1,255	1,044	1,117	677	1,125		
Average				2,355	1,469	1,081	580	757	1,374	

III-B Index of Payrolls (1929=100) b/

JAN				114.9	74.0	46.5	46.5	26.4	62.6	
FEB				110.6	69.8	51.9	39.2	21.3	79.0	
MAR				128.6	81.9	63.6	30.6	14.6	93.6	
APR				133.0	81.7	63.9	21.9	25.0	89.7	
MAY				124.2	76.1	61.8	24.8	32.4	73.2	
JUN				113.5	61.2	42.9	23.4	40.5	54.1	
JUL				108.1	58.1	31.5	15.4	38.5	48.2	
AUG				96.2	56.4	35.9	12.5	42.9	43.1	
SEP				90.7	52.0	32.6	13.5	35.8	31.3	
OCT				78.3	49.8	34.2	17.9	27.8	29.9	
NOV				48.5	43.0	38.7	21.0	33.0	37.0	
DEC				53.1	44.3	47.4	28.7	47.7		
Average				100.0	62.4	45.9	24.6	32.2	58.3	

JAN										
FEB										
MAR										
APR										
MAY										
JUN										
JUL										
AUG										
SEP										
OCT										
NOV										
DEC										

a/ Code Authority for Automotive Parts and Equipment Manufacturing Industry, Bulletin No. 38, "The Statistics of the Industry," Feb. 15, 1935. The five companies employed 11 per cent of all employees in the industry in April 1934.
 b/ Table III-A expressed as relatives to 1929 average.

AUTOMOTIVE PARTS AND EQUIPMENT MANUFACTURING INDUSTRY
Hours (All Employees): Five original Equipment Companies

IV-A		Average Hours worked Per Month <u>a/</u>									
		1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
JAN					250	208	170	196	196	175	
FEB					225	183	160	165	162	167	
MAR					237	216	204	150	134	175	
APR					240	211	198	122	201	156	
MAY					231	200	195	147	224	150	
JUN					221	175	155	143	240	151	
JUL					208	167	126	109	199	129	
AUG					208	169	151	99	180	130	
SEP					201	164	149	110	144	110	
OCT					196	174	174	140	127	124	
NOV					148	155	171	162	146	137	
DEC					170	155	190	200	164		
Average					211	181	172	145	176	146	b/

IV-B		Total Man-Hours (Thousands) <u>a/</u>									
JAN					4,036	2,534	1,658	1,813	1,296	2,582	
FEB					3,823	2,376	1,839	1,528	1,008	3,057	
MAR					4,357	2,759	2,276	1,182	698	3,539	
APR					4,473	2,764	2,283	881	1,199	3,202	
MAY					4,178	2,565	2,209	1,026	1,569	2,569	
JUN					3,824	2,079	1,541	975	1,948	2,052	
JUL					3,499	1,958	1,123	659	1,804	1,661	
AUG					3,277	1,897	1,276	506	1,829	1,482	
SEP					3,079	1,760	1,159	535	1,473	1,063	
OCT					2,641	1,678	1,205	746	1,113	1,000	
NOV					1,596	1,458	1,373	908	1,274	1,272	
DEC					1,823	1,523	1,712	1,302	1,938		
Average					3,384	2,113	1,638	1,005	1,429	2,134	b/

JAN											
FEB											
MAR											
APR											
MAY											
JUN											
JUL											
AUG											
SEP											
OCT											
NOV											
DEC											

a/ Code Authority for Automotive Parts and Equipment Manufacturing Industry, Bulletin No. 38, "The Statistics of the Industry," Feb. 15, 1935. The five companies employed 11 per cent of all employees in the industry in April 1934.

AUTOMOTIVE PARTS AND EQUIPMENT MANUFACTURING INDUSTRY
Wages (All Employees): Five original Equipment Companies

V-A Average Hourly Wage (cents) a/
 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935

	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
JAN				67	69	66	60	48	57	
FEB				69	69	66	60	50	61	
MAR				69	70	66	61	49	62	
APR				70	69	66	57	49	66	
MAY				70	70	66	56	49	67	
JUN				70	69	66	56	49	62	
JUL				73	70	66	55	50	68	
AUG				69	70	66	58	55	69	
SEP				69	70	66	59	57	69	
OCT				70	70	67	57	60	70	
NOV				72	69	66	54	61	68	
DEC				69	68	65	52	58		
Average				70	69	66	57	53	65	b/

V-B Average Monthly Wage (Dollars) a/

JAN				168.18	143.69	112.89	118.27	94.12	100.06	
FEB				155.64	127.30	120.17	99.60	80.75	98.22	
MAR				165.07	151.48	134.57	91.40	66.44	109.32	
APR				168.16	147.18	131.64	71.75	98.94	103.07	
MAY				162.01	140.13	128.52	83.68	109.26	100.85	
JUN				154.30	122.64	102.24	80.93	117.87	93.65	
JUL				151.68	116.85	83.28	60.22	99.91	88.71	
AUG				144.11	118.37	100.40	57.82	99.56	89.35	
SEP				139.89	114.86	99.08	65.40	82.57	76.29	
OCT				137.34	122.80	116.30	79.39	75.12	87.58	
NOV				106.15	107.93	113.87	88.40	89.51	94.39	
DEC				117.37	106.67	124.16	104.25	95.12		
Average				147.49	126.66	113.93	83.43	92.43	94.68	b/

JAN										
FEB										
MAR										
APR										
MAY										
JUN										
JUL										
AUG										
SEP										
OCT										
NOV										
DEC										

a/ Code Authority for Automotive Parts and Equipment Manufacturing Industry, Bulletin No. 38, "The Statistics of the Industry," Feb. 15, 1935. The five companies employed 11 per cent of all employees in the industry in April 1934.

TABLE VI

AUTOMOTIVE PARTS AND EQUIPMENT MANUFACTURING INDUSTRY
Average Number of Employees: 47 Original Equipment Companies,
December 1933 to November 1934

Four Weeks' Period Ending	Total Employees	Factory Employees			Office Employees
		Total	40 Hour Class <u>a/</u>	42 Hour Class <u>b/</u>	
December 16, 1933 <u>c/</u>	41,079	39,109	30,537	8,572	1,970
January 13, 1934 <u>d/</u>	50,689	48,470	39,012	9,458	2,189
February 10, 1934	60,389	58,344	48,613	9,731	2,045
March 10, 1934	73,201	71,016	60,132	10,884	2,185
April 7, 1934	80,297	78,049	67,283	10,766	2,248
May 5, 1934	79,590	77,329	66,386	10,943	2,261
June 2, 1934	70,466	68,442	58,602	9,840	2,024
June 30, 1934	61,659	59,361	49,707	9,654	2,298
July 28, 1934	57,296	55,001	45,915	9,086	2,295
August 25, 1934	54,270	52,013	43,001	9,017	2,252
September 22, 1934	45,385	43,185	34,423	8,762	2,200
October 20, 1934	40,034	37,877	28,821	9,056	2,157
November 17, 1934	40,699	38,568	29,133	9,435	2,131

Source: Code Authority for Automotive Parts and Equipment Manufacturing Industry, Bulletin No. 38, "Statistics of the Industry," February 15, 1935, p. 5.

a/ No employee in this group was permitted by the Code to work in excess of 40 hours per week, averaged over each six months' period.

b/ No employee in this group was permitted by the Code to work in excess of 42 hours per week on an annual average basis.

c/ Data are for 36 companies.

d/ Data are for 42 companies.

Prepared by
Industry Statistics Unit,
Statistics Section,
Division of Review, NRA
November 22, 1935

TABLE VII

AUTOMOTIVE PARTS AND EQUIPMENT MANUFACTURING INDUSTRY
Average Hours per Week: 47 Original Equipment Companies,
December 1933 to April 1935

Four Weeks' Period Ending	Factory Employees			Office Employees
	Total <u>a/</u>	40 Hour Class <u>b/</u>	42 Hour Class <u>c/</u>	
December 16, 1933 <u>d/</u>	34.8	32.5	43.2	39.2
January 13, 1934 <u>e/</u>	34.2	33.0	39.0	37.0
February 10, 1934	39.1	38.0	44.7	40.5
March 10, 1934	39.7	39.2	42.2	40.2
April 7, 1934	38.0	37.5	41.2	40.5
May 5, 1934	35.1	34.2	40.5	40.0
June 2, 1934	28.0	26.7	35.5	40.0
June 30, 1934	32.1	32.2	31.7	38.0
July 28, 1934	31.4	30.7	34.7	36.7
August 25, 1934	31.4	30.7	34.7	37.5
September 22, 1934	25.5	23.5	33.2	38.2
October 20, 1934	26.7	23.7	36.2	41.0
November 17, 1934	29.3	25.5	41.0	38.7
December 15, 1934	<u>f/</u>	34.9	42.0	<u>f/</u>
January 12, 1935	<u>f/</u>	36.6	40.3	<u>f/</u>
February 9, 1935	<u>f/</u>	39.2	43.4	<u>f/</u>
March 9, 1935	<u>f/</u>	38.1	42.0	<u>f/</u>
April 6, 1935	<u>f/</u>	36.8	40.0	<u>f/</u>

Source: Code Authority for the Automotive Parts and Equipment Manufacturing Industry, Bulletin No. 38, "Statistics of the Industry," February 15, 1935; Bulletin No. 42, April 16, 1935; Bulletin No. 46, May 23, 1935.

- a/ Average hours of two groups, 40 hour and 42 hour employees, weighed by number of employees.
- b/ No employee in this class was permitted by the Code to work in excess of 40 hours per week, averaged over each six months' period.
- c/ No employee in this class was permitted by the Code to work in excess of 42 hours on an annual average basis.
- d/ Data are for 36 companies.
- e/ Data are for 42 companies.
- f/ Unavailable.

Prepared by
Industry Statistics Unit,
Statistics Section,
Division of Review, NRA
November 23, 1935

TABLE VIII

AUTOMOTIVE PARTS AND EQUIPMENT MANUFACTURING INDUSTRY
 Hours Worked by Factory Employees: 47 Original Equipment Companies,
 December 1933 to November 1934

Four Weeks' Period Ending	Average Hours Per Week	Total Man Hours ^{a/} (Thousands)
December 16, 1933 ^{b/}	34.8	1,363
January 13, 1934 ^{c/}	34.2	1,656
February 10, 1934	39.1	2,282
March 10, 1934	39.7	2,816
April 7, 1934	38.0	2,967
May 5, 1934	35.1	2,714
June 2, 1934	28.0	1,914
June 30, 1934	32.1	1,907
July 28, 1934	31.4	1,725
August 25, 1934	31.4	1,633
September 22, 1934	25.5	1,400
October 20, 1934	26.7	1,011
November 17, 1934	29.3	1,130

Source: Code Authority for the Automotive Parts and Equipment Manufacturing Industry, Bulletin No. 38, "Statistics by the Industry," February 15, 1935.

^{a/} Average number employed multiplied by average hours worked per week.

^{b/} Data are for 36 companies.

^{c/} Data are for 42 companies.

Prepared by:
 Industry Statistics Unit,
 Statistics Section,
 Division of Review,
 November 23, 1935.

TABLE IX

AUTOMOTIVE PARTS AND EQUIPMENT MANUFACTURING INDUSTRY
 Hourly and Weekly Wages: 47 Original Equipment Companies,
 December 1933 to April 1935

Four Weeks' Period Ending	Factory Employees		Office Employees	
	Average Hourly Wages (Cents)	Average Weekly Wages (Dollars)	Average Hourly Wages (Cents)	Average Weekly Wages (Dollars)
December 16, 1933 <u>a/</u>	55.1	19.10	59.0	23.31
January 13, 1934 <u>b/</u>	57.8	19.81	61.3	22.83
February 10, 1934	55.6	21.88	56.5	23.22
March 10, 1934	55.6	22.10	56.2	22.70
April 7, 1934	58.4	22.25	55.2	22.44
May 5, 1934	62.4	22.05	55.9	22.31
June 2, 1934	63.4	17.88	54.1	21.66
June 30, 1934	64.7	20.90	58.7	22.40
July 28, 1934	63.5	20.09	61.4	24.58
August 25, 1934	61.6	19.52	60.6	22.81
September 22, 1934	65.5	16.70	65.5	24.10
October 20, 1934	66.7	17.89	55.2	22.77
November 17, 1934	66.0	19.46	57.9	22.53
December 15, 1934	64.1	25.35	<u>c/</u>	<u>c/</u>
January 12, 1935	64.0	23.82	<u>c/</u>	<u>c/</u>
February 9, 1935	63.8	25.48	<u>c/</u>	<u>c/</u>
March 9, 1935	65.2	25.26	<u>c/</u>	<u>c/</u>
April 6, 1935	65.6	24.60	<u>c/</u>	<u>c/</u>

Source: Code Authority for the Automotive Parts and Equipment Manufacturing Industry, Bulletin No. 38, "Statistics of the Industry," February 15, 1935; Bulletin No. 42, April 15, 1935; Bulletin No. 46, May 22, 1935. These 47 companies employed 45 per cent of all employees in the industry in April 1934.

- a/ Data are for only 36 companies.
- b/ Data are for only 42 companies.
- c/ Unavailable.

Prepared by
 Industry Statistics Unit,
 Statistics Section,
 Division of Review, NRA
 November 22, 1935

TABLE X

AUTOMOTIVE PARTS AND EQUIPMENT MANUFACTURING INDUSTRY
Average Number of Employees: 12 Replacement Parts Companies,
December 1933 to November 1934

Four Weeks' Period Ending	Total Employees	Factory Employees		Office Employees	
		Total	40 Hour Class ^a /		42 Hour Class ^b /
December 16, 1933	2,026	1,701	1,537	164	325
January 13, 1934	2,028	1,665	1,520	145	363
February 10, 1934	2,045	1,675	1,523	152	370
March 10, 1934	2,206	1,839	1,665	174	367
April 7, 1934	2,335	1,959	1,781	178	376
May 5, 1934	2,384	1,996	1,811	185	388
June 2, 1934	2,363	1,980	1,790	190	388
June 30, 1934	2,349	1,967	1,749	218	382
July 28, 1934	2,177	1,804	1,622	182	373
August 25, 1934	2,162	1,799	1,614	185	363
September 22, 1934	1,998	1,628	1,450	178	362
October 20, 1934	2,063	1,704	1,525	179	359
November 17, 1934 ^c /	1,796	1,451	1,274	177	345

Source: Code Authority for Automotive Parts and Equipment Manufacturing Industry, Bulletin No. 33, "Statistics of the Industry," February 15, 1935, p. 6. The proportion of the employees of these 12 companies to the employees in all replacement parts companies is not known.

- ^a/ No employee in this group was permitted by the Code to work in excess of 40 hours per week, averaged over each six months' period.
- ^b/ No employee in this group was permitted by the Code to work in excess of 42 hours per week on an annual average basis.
- ^c/ Data are for 11 companies.

Prepared by
Industry Statistics Unit,
Statistics Section,
Division of Review, NRA
November 22, 1935

TABLE XI

AUTOMOTIVE PARTS AND EQUIPMENT MANUFACTURING INDUSTRY
Average Hours per Week: 12 Replacement Parts Companies,
December 1933 to November 1934

Four Weeks' Period Ending	Factory Employees			Office Employees
	Total ^{a/}	40 Hour Class ^{b/}	42 Hour Class ^{c/}	
December 16, 1933	36.1	36.0	37.2	41.0
January 13, 1934	33.1	32.7	37.5	36.2
February 10, 1934	37.9	37.7	40.0	38.7
March 10, 1934	39.2	39.0	41.2	39.5
April 7, 1934	39.7	39.5	42.2	40.0
May 5, 1934	38.5	38.2	41.7	40.0
June 2, 1934	37.0	36.7	39.5	39.0
June 30, 1934	36.5	36.7	35.2	40.0
July 28, 1934	34.8	34.5	37.5	38.0
August 25, 1934	36.3	36.2	37.5	39.0
September 22, 1934	34.9	34.7	36.7	37.5
October 20, 1934	37.2	37.0	39.0	39.5
November 17, 1934 ^{d/}	37.9	37.7	39.0	39.5

Source: Code Authority for the Automotive Parts and Equipment Manufacturing Industry, Bulletin No. 38, "Statistics of the Industry," February 15, 1935, p. 6. The proportion of the employees in these 12 companies to the employees in all replacement parts companies is not known.

- ^{a/} Average hours of two groups, 40 hour and 42 hours employees, weighted by number of employees.
- ^{b/} No employee in this class was permitted by the Code to work in excess of 40 hours per week, averaged over each six months' period.
- ^{c/} No employee in this class was permitted by the Code to work in excess of 42 hours on an annual average basis.
- ^{d/} Data are for 11 companies.

Prepared by
Industry Statistics Unit,
Statistics Section,
Division of Review, NRA
November 23, 1935

TABLE XII

AUTOMOTIVE PARTS AND EQUIPMENT MANUFACTURING INDUSTRY
 Hours Worked by Factory Employees: 12 Replacement Parts Companies,
 December 1933 to November 1934

Four Weeks' Period Ending	Average Hours Per Week	Total Man Hours <u>a/</u>
December 16, 1933	36.1	61,433
January 13, 1934	33.1	55,142
February 10, 1934	37.9	63,497
March 10, 1934	39.2	72,104
April 7, 1934	39.7	77,862
May 5, 1934	38.5	76,895
June 2, 1934	37.0	73,198
June 30, 1934	36.5	71,862
July 26, 1934	34.8	62,784
August 25, 1934	36.3	65,365
September 22, 1934	34.9	56,848
October 20, 1934	37.2	63,406
November 17, 1934 <u>b/</u>	37.9	54,933

Source: Code Authority for Automotive Parts and Equipment Manufacturing Industry, Bulletin No. 38, "The Statistics of the Industry," February 15, 1935.

a/ Average number employed multiplied by average hours worked per week.

b/ Data are for 11 companies.

Prepared by:
 Industry Statistics Unit,
 Statistics Section,
 Division of Review,
 November 23, 1935.

TABLE XIII

AUTOMOTIVE PARTS AND EQUIPMENT MANUFACTURING INDUSTRY
Hourly and Weekly Wages: 12 Replacement Parts Companies,
December 1933 to November 1934

Four Weeks' Period Ending	Factory Employees		Office Employees	
	Hourly Wages (Cents)	Weekly Wages (Dollars)	Hourly Wages (Cents)	Weekly Wages (Dollars)
December 16, 1933	48.0	17.57	50.0	20.75
January 13, 1934	48.6	16.21	52.2	18.98
February 10, 1934	49.4	18.07	50.1	19.50
March 10, 1934	49.2	19.39	49.9	19.80
April 7, 1934	49.1	18.59	49.7	19.97
May 5, 1934	50.4	19.45	49.2	19.72
June 2, 1934	50.9	18.87	50.3	19.68
June 30, 1934	52.1	19.45	50.0	20.08
July 28, 1934	53.3	18.63	52.9	20.22
August 25, 1934	53.8	19.61	52.1	20.39
September 22, 1934	54.6	19.13	54.3	20.40
October 20, 1934	55.9	20.86	50.9	20.16
November 17, 1934 ^{a/}	55.5	21.16	50.8	20.13

Source: Code Authority for Automotive Parts and Equipment Manufacturing Industry, Bulletin No. 33, "Statistics of the Industry," February 15, 1935. The proportion of the employees of these 12 companies to the employees in all replacement parts companies is not known.

^{a/} Data are for 11 companies.

Prepared by
Industry Statistics Unit,
Statistics Section,
Division of Review, NRA
November 23, 1935

TABLE XIV

AUTOMOTIVE PARTS AND EQUIPMENT MANUFACTURING INDUSTRY
 Number, Employees, and Sales of Members of the Industry,
 Classified as to Trade Association Membership, 1934

	Number of Members	Number of Employees	Gross Sales (Thousands of Dollars)
Total Subject to Code Provisions	809	139,954 <u>a/</u>	513,751 <u>b/</u>
Non-Members of Trade Associations	389	15,795 <u>c/</u>	51,300 <u>c/</u>
Members of Trade Associations	420 <u>d/</u>	124,159 <u>c/</u>	461,700 <u>c/</u>

Source: Code Authority for the Automotive Parts and Equipment Manufacturing Industry, Proposed Budget, dated March 25, 1935 submitted by Executive Secretary of the Code Authority to the Deputy Administrator.

a/ As of August 31, 1934.

b/ Year ending June 30, 1934.

c/ Estimated by Mr. C. O. Skinner, Executive Secretary of the Master Association.

d/ Members of the Master Association. There are additional Associations which are co-extensive in coverage with some of the supplements to the Code.

Prepared by
 Industry Statistics Unit,
 Statistics Section,
 Division of Review, NRA
 November 22, 1935



