

ICPSR 35604

## **United States Census of Manufactures, 1929-1935, Motor Vehicle Industry**

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Data Collection Instrument

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Form 1408

State and County

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON

The law makes it obligatory upon every manufacturer to furnish census data. All answers will be held in strict confidence.

# 12 CENSUS OF MANUFACTURES, 1929

REQUIRED BY ACT OF CONGRESS APPROVED JUNE 18, 1929

## MOTOR VEHICLES

Under the law, no one not a sworn employee of the Bureau of the Census will be permitted to examine your report, and no information can or will be given out by the Bureau of the Census to any person outside that Bureau, whether in Government service or in private life, which would disclose, exactly or approximately, any of the facts or figures in your report.

GENERAL INSTRUCTIONS.—Reports are required from all plants. Separate reports are required for plants in different counties and for those in different cities having 10,000 inhabitants or more. A combined report may be made for two or more plants in the same city or in the same county when located in places with fewer than 10,000 inhabitants. Name and location of each plant must be specified. (See accompanying instructions in regard to transportation and merchandising activities.)

1. DESCRIPTION OF PLANT.—If this report covers more than one plant, give name and location of each, under "Remarks," page 5. (See "General Instructions," above.)

a. NAME OF PLANT Moreland Motor Truck Company

b. NAME OF OWNER OR OPERATOR "yes"

Is this owner or operator an incorporated concern? yes

LOCATION OF PLANT (Yes or No)

c. STATE California d. CITY, TOWN, OR VILLAGE Burbank

e. COUNTY Los Angeles f. STREET AND NUMBER San Fernando Blvd.

g. POST-OFFICE ADDRESS IF DIFFERENT FROM LOCATION (d) Burbank or Box 317 Los Angeles

h. IS PLANT LOCATED WITHIN BOUNDARIES OF CITY, TOWN, OR VILLAGE AS INCORPORATED? yes If not, name the

township, borough, or other civil division in which the plant is located

i. IS THIS A NEW PLANT WHICH STARTED OPERATIONS AFTER JANUARY 1, 1928? no (Yes or No)

j. INDICATE BY CHECK MARK (✓) IN PROPER SPACE WHETHER, SINCE JANUARY 1, 1928, THIS PLANT HAS CHANGED ITS

NAME no; LOCATION no; OWNERSHIP no; GENERAL NATURE OF BUSINESS no If so, give former name,

location, ownership, or nature of business

k. IS THIS PLANT A BRANCH OR SUBSIDIARY OF SOME OTHER CONCERN? no If so, give name and address of

such concern

2. CHARACTER OF INDUSTRY.—These answers should be as definite as possible in brief space, indicating specific products and materials, not broad general classes. Return with the schedule a card, a catalogue, or other printed matter ordinarily used by the concern to show the nature of its business.

a. PRODUCTS Motor Trucks

b. MATERIALS USED Motor Frames, Motor, Electrical, Steel, Metal, Wood, Paint, etc.

(Specify principal kinds of materials or stock, in order of importance)

3. PERIOD COVERED.—This report should relate preferably to the calendar year 1929; but it may be made to cover the business or fiscal year ending within the period from April 1, 1929, to March 31, 1930. It should, in either case, cover a full year's operations, unless the plant was newly organized or went out of business within the year.

The fiscal year or period covered by the information given below—Began January 1, 1929  
Ended Dec 31, 1929

4. TIME IN OPERATION AND HOURS OF LABOR:

a. NUMBER OF DAYS THE PLANT WAS OPERATED DURING PERIOD COVERED 306  
(Give the number of days the plant, or any important part of it, was in operation. Days when shut down for repairs or for other causes should not be included. Do not include Sundays and holidays unless the plant was in actual operation.)

(In answering b, c, and d, give figures based on practice followed during the year, without attempting to indicate minor variations; take note of e.)

b. NORMAL NUMBER OF HOURS PLANT WAS OPERATED: PER DAY 8 1/2 9; PER WEEK 48

c. NORMAL NUMBER OF SHIFTS PER DAY 1

d. NORMAL NUMBER OF HOURS PER WEEK FOR THE INDIVIDUAL WAGE EARNER 48

Does this number of hours refer to a 6-day, a 5 1/2-day, or a 5-day week, or to some other basis (specify)? 5 1/2

e. IF DURING PROLONGED PERIODS THE PLANT WORKED PART TIME (part of the normal working days per week or part of the normal hours per day) GIVE REASONS AND APPROXIMATE DATES

DISTRIBUTION

1 Plant

4807

5. PERSONS ENGAGED.—Number December 14, 1929, as per pay roll. If this was not a representative day, give data for the nearest representative or normal day, stating here what date is used. Do not count the same person twice under different headings.

- a. PROPRIETOR OR FIRM MEMBERS not applicable to incorporated companies.  
*Salaries employees as follows:*
- b. PRINCIPAL OFFICERS OF CORPORATIONS (Do not include directors unless holding other offices on salary)
- c. MANAGERS, SUPERINTENDENTS, AND OTHER RESPONSIBLE ADMINISTRATIVE EMPLOYEES; FOREMEN AND OVERSEERS WHO DEVOTE ALL OR THE GREATER PART OF THEIR TIME TO SUPERVISORY DUTIES; CLERKS, STENOGRAPHERS, BOOKKEEPERS, AND OTHER CLERICAL EMPLOYEES ON SALARY (Do not include foremen and overseers in minor positions; see 5-d)
- Total salaried employees (sum of b and c) **67**
- d. WAGE EARNERS—Report skilled and unskilled workers of all classes, including engineers, firemen, watchmen, packers, etc.; also foremen and overseers in minor positions who perform work similar to that done by the employees under their supervision. Include pieceworkers employed in the plant covered by this report, but do not include persons working in other plants on materials furnished by your establishment.

MALE FEMALE

7  
 45 17  
 47 17  
 130

5. WAGE EARNERS EMPLOYED, BY MONTHS.—Give number on pay roll for week which included 15th day of month, if this was a normal week. If not, give number for a normal week. (Follow instructions under Inquiry 5-d as to who are to be included.) Figures given in this inquiry should relate to **calendar year 1929**. If remainder of report refers to some other period, give under "Remarks" (p. 5) figures for those months in 1928 or 1930 which fall within that period. (See Inquiry 3.)

Jan. 177 Feb. 170 Mar. 180 Apr. 179 May 180 June 195  
 July 190 Aug. 172 Sept. 165 Oct. 158 Nov. 151 Dec. 130

7. SALARIES AND WAGES.—Amounts paid during the period covered by this report. Include bonuses or percentages of profits when paid either to officers and salaried employees or to wage earners.

- a. TOTAL AMOUNT OF SALARIES OF PRINCIPAL OFFICERS OF CORPORATIONS (see Inquiry 5-b) \$ 24,000.  
 b. TOTAL AMOUNT OF SALARIES OF MANAGERS, SUPERINTENDENTS, AND OTHER RESPONSIBLE ADMINISTRATIVE EMPLOYEES; FOREMEN AND OVERSEERS; CLERKS, STENOGRAPHERS, BOOKKEEPERS, AND OTHER CLERICAL EMPLOYEES ON SALARY (see Inquiry 5-c) \$ 180,547  
 c. TOTAL AMOUNT PAID TO WAGE EARNERS, AS DEFINED UNDER INQUIRY 5-d \$ 75,296

Aggregate of salaries and wages (sum of items a, b, and c) \$ 279,843

8. MATERIALS, FUEL, AND ELECTRIC CURRENT.—The items entered below should relate *preferably* to the amounts of materials, fuel, and electric current *actually used* during the period covered; but if it is impracticable to report materials and fuel on this basis, enter the costs of the amounts purchased during the period. Include freight and haulage costs, but not the cost of haulage performed by the plant's own employees and equipment if practicable to segregate it. Place a check mark (✓) after the word "used" or "purchased," as the case may be, in the space below.

The entries for materials and fuel, as given for this inquiry, refer to the costs of the amounts—

- a. COST OF ALL MATERIALS AND RAW STOCK ACTUALLY USED (including those transferred from other plants under the same ownership) during the period covered by this report, which entered into the products manufactured. Do not include cost of mill or shop supplies. Used Purchased  
 b. COST OF FUEL ACTUALLY USED (including that transferred from mines, wells, or plants under the same ownership) during the period covered by this report (total of items in Inquiry 11-a).  
 c. COST OF PURCHASED ELECTRIC CURRENT (see Inquiry 11-b).

Total cost of materials, fuel, and electric current (sum of a, b, and c) \$ 1,542,900  
 \$ 1,542,900  
 \$ 311,678  
 \$ 1,778,100  
 \$ 1,778,100

9. PRODUCTS.—Report the numbers and the net wholesale values at the factory of all factory sales to dealers, distributors, branch agencies, and other customers during the period covered, according to the classification below. Do not include products made by this establishment and used by it in further manufacture.

KIND	NUMBER	VALUE
a. Passenger vehicles, not including public conveyances:		
1. Open—		
2. Roadsters and runabouts		\$
3. Other		\$
4. Closed—		
5. Coupes (including convertible)		\$
6. 2-door sedans and coaches		\$
7. 4-door sedans		\$
8. Other closed (landau, broughams, etc.)		\$

(Continued on next page)

9. PRODUCTS - Continued

	NUMBER	VALUE
b. Public conveyances:		
1. Motor busses (including school, sightseeing, and public-utility)		\$
2. Under 21 passengers		\$
3. 21 to 32 passengers		\$
4. 33 passengers and over		\$
5. Taxicabs		\$
6. Other public conveyances (specify)		\$
c. Government (Federal, State, and municipal, etc)		
1. Ambulances		\$
2. Fire-department apparatus (specify)		\$
3. Patrol wagons		\$
4. Street-cleaning apparatus—sprinklers, sweepers, etc. (specify)		\$
5. All other (specify)		\$
d. Commercial vehicles:		
1. Light delivery (less than 1 ton)	659	\$ 672.77
2. Trucks (1 ton and over)	5	\$ 49.00
3. Truck tractors (semi-tractors)		\$
4. Hearse and undertakers' wagons		\$
5. All other commercial vehicles (specify)		\$
e. Trailers and semi-trailers		\$
f. Tractors (specify kind):		
1. Road, not including truck tractors (total belt horsepower)		\$
2. Farm (total belt horsepower)		\$
3. Industrial (total belt horsepower)		\$
g. Chassis:		
1. Passenger		\$
2. Commercial		\$
3. Bus		\$
h. Bodies	270	\$ 86,338.00
i. Tops		\$
j. Speedometers		\$
k. Piston rings (for sale)		\$
l. Parts and accessories		\$ 83,570.00
m. All other products (specify)		\$
n. Amount received for custom work and repainting		\$ 23,939.00
Total value of products		\$ 239,390.00

a. SUMMARY BY VALUES (use wholesale values)	NUMBER	b. SUMMARY BY TONNAGE	NUMBER
Passenger vehicles (Inquiry 9, group a):		Delivery wagons and trucks (Inquiry 9, groups 4-1, 4-2, 4-3, and 9-2):	
Value up to \$500		Complete cars and chassis—	
\$501 to \$750		¾ ton or less	100-400
\$751 to \$1,000		1 ton	267-400
\$1,001 to \$1,500		Over 1 to 2½ tons, inclusive	136-135
\$1,501 to \$2,000		3 to 4½ tons, inclusive	79-44
\$2,001 to \$2,500		5 tons	83-100
\$2,501 to \$3,000		Over 5 tons	
\$3,001 and up			

(Continued on next page)

## 9. PRODUCTS—Continued

NUMBER

g. Summary by body types of commercial vehicles (Inquiry 9, groups d-1 and d-2):

Platform (including stake)

Panel (including van)

Express (including screen)

Dump

Other (specify)

Wheeled, Power Vehicle and Trailer

329-116

6-4

3-4

25-4

296-38

-770

If the value of the products actually **manufactured** during the period covered by this report **differed by more than 10 per cent** from that of the products **shipped or delivered**, give also, in the space indicated, the exact or estimated value, based on **selling prices f. o. b. factory**, of the products **manufactured** (including receipts for contract work and repairing).

Value of products manufactured, \$

## 10. POWER EQUIPMENT.—Give figures for equipment as of the end of the period covered by this report.

**Important Note:** The form of this inquiry is different from that previously used, the purpose being to distinguish between active and inactive prime movers and generators. It is desired, at the same time, to obtain a total which shall be comparable with that reported at the 1927 census, when the inquiry called simply for a combined total of "all power equipment in the plant, active and emergency." By "emergency" equipment is meant that which is capable of being put into operation promptly but which is used only in case of breakdown of the active equipment or at rather rare intervals when an exceptional load occurs. Equipment which is regularly used, but not usually on full time, should be classed as active.

## a. PRIME MOVERS—total, active and emergency:

Steam engines

Steam turbines

Internal-combustion engines (oil, gas, gasoline, etc.)

Water wheels and turbines

Total of above

Rated horsepower of above equipment which is not ordinarily active (included in "Total of above")

Horsepower

XXXXXX

XXXXXXX

## b. ELECTRIC MOTORS DRIVEN BY PURCHASED CURRENT—total, active and emergency

## c. ELECTRIC MOTORS DRIVEN BY CURRENT GENERATED IN PLANT—total, active and emergency

## d. ELECTRIC GENERATORS DRIVEN BY PRIME MOVERS IN THE PLANT (do not include rotary converters or motor-generator sets)—total, active and emergency

Rated capacity of generators which are not ordinarily active (included in "total, active and emergency")

Kilowatts

XXXXXX

XXXXXXXX

## 11. FUEL AND ELECTRIC CURRENT:

a. FUEL USED (including that transferred from mines, wells, or plants under the same ownership) during the period covered by this report. Include fuel used for all purposes—for power, heat, and light—but do not include oil or gas if none is used except for lighting.

	UNIT OF QUANTITY	QUANTITY	COST DELIVERED AT FACTORY
Coal, anthracite	Long ton		\$
Coal, bituminous	Short ton		\$
Coke	Short ton		\$
Fuel oils (including crude oil and gas oils)	Gallon		\$
Gasoline and kerosene	Gallon		\$
Natural gas	M cu. ft.		\$
Manufactured gas	M cu. ft.	110,863.4	\$ 3,116.28 ✓
Total cost			\$ 3,116.28 ✓

b. ELECTRIC CURRENT.—Report current generated or purchased during the year for all uses; but a plant which buys current for lighting only should not report it.)

	KILOWATT HOURS	COST
Generated in the plant	110,863.4	XXXXXXX ✓
Purchased		\$ 14,165.28 ✓



**12. CONSUMPTION OF CHIEF MATERIALS.**—Report the total quantities and the total costs of the specified materials consumed (or purchased; see instructions for Inquiry 8) during the period covered by this report (cost to be included in Inquiry 8-a).

TABULATED

KIND	UNIT OF MEASURE	QUANTITY	COST
Pig iron.....	Tons	16	\$ 462.
Iron and steel scrap, purchased as such.....	Tons	358	\$ 6300.
Iron castings, purchased as such.....	Tons		\$
Iron and steel forgings, purchased as such.....	Tons	10	\$ 2614.
Iron and steel bars, sheets, plates, and shapes.....	Tons		\$
Copper pigs, bars, and tubing, and brass and bronze, all forms, purchased as such.....	Pounds	28691	\$ 5.92
Aluminum pigs, bars, sheets, tubings, and castings, purchased as such.....	Pounds	11348	\$ 76.07
Hardwoods.....	M ft. b. m.	77000	\$ 6070
Softwoods.....	M ft. b. m.	18100	\$ 879
Glass.....	Sq. ft.	14239	\$ 7831
Paint, varnish, and lacquer.....	Gallons	3604	\$ 7750
Rubber tires and tubes.....		XXXXXXX	\$ 201.057
Leather and artificial leather.....	Sq. yd.	4675	\$ 7012
Textile fabrics.....	Sq. yd.	3762	\$ 842

**13. DISTRIBUTION OF SALES.**—Report below, in the proper spaces, the values (at f. o. b. factory prices) of goods shipped or delivered to customers (or to warehouses on customers' accounts) during the period covered. If exact figures are not available, give the best possible approximations.

	AMOUNT
a. SALES INVOICED TO WHOLESALE ESTABLISHMENTS OF ALL KINDS <i>not</i> OWNED OR CONTROLLED BY OR AFFILIATED WITH THIS PLANT.....	\$
b. SALES INVOICED TO BRANCH OR OTHER WHOLESALE ESTABLISHMENTS OWNED OR CONTROLLED BY OR AFFILIATED WITH THIS PLANT.....	\$ 2,164,100.00
c. SALES INVOICED TO RETAIL ESTABLISHMENTS OF ALL KINDS <i>not</i> OWNED OR CONTROLLED BY OR AFFILIATED WITH THIS PLANT.....	\$ 219,250.00
d. SALES INVOICED TO BRANCH OR OTHER RETAIL ESTABLISHMENTS OWNED OR CONTROLLED BY OR AFFILIATED WITH THIS PLANT.....	\$
e. SALES DIRECT TO INDUSTRIAL AND OTHER LARGE CONSUMERS WHO BUY AT WHOLESALE.....	\$
f. SALES DIRECT TO HOME CONSUMERS (THROUGH FIELD AGENTS OR OTHERWISE).....	\$
g. Total sales.....	\$ 2,383,350.00
h. VOLUME OF ABOVE SALES MADE THROUGH MANUFACTURERS' AGENTS, SELLING AGENTS, BROKERS, AND COMMISSION HOUSES.....	\$

THIS IS TO CERTIFY that the information contained in this report is correct and complete to the best of my knowledge and belief, and covers the period from January 1 1929 to Dec 31 1929

E. L. Kestka  
(Signature of Examiner)

(Signature and official title of person furnishing the information)

Burbank, California  
(Address)

REMARKS:

FOR OFFICE USE ONLY

(State and County)

(City)

(Industry Number)

COPY

Form 1405

DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON

The law makes it obligatory upon every manufacturer to furnish census data. All answers will be held in strict confidence.

# CENSUS OF MANUFACTURES, 1931

REQUIRED BY ACT OF CONGRESS APPROVED JUNE 18, 1929

## MOTOR VEHICLES

Under the law, no one not a sworn employee of the Bureau of the Census will be permitted to examine your report, and no information can or will be given out by the Bureau of the Census to any person outside that Bureau, whether in Government or in private life, which would disclose, exactly or approximately, any of the facts or figures in your report.

**GENERAL INSTRUCTIONS.**—Reports are required for all plants. Separate reports are required for plants in different counties and for those in different cities having 10,000 inhabitants or more. A combined report may be made for two or more plants engaged in the same line of manufacture and located in the same city, town, borough, or village, or for two or more such plants located in the same county but in different cities, towns, boroughs, or villages having fewer than 10,000 inhabitants. The name and location of each plant must be given. DATA FOR MERCHANDISING AND OTHER NONMANUFACTURING ACTIVITIES SHOULD BE OMITTED.

Answer all the inquiries in detail, supplying estimates if records are not available. The explanations should be read carefully before the inquiries are answered.

1. **DESCRIPTION OF PLANT.**—If this report covers more than one plant, give name and location of each, under "Remarks." (See "General Instructions," above.)

a. NAME OF PLANT..... Ford Motor Company

b. NAME OF OWNER OR OPERATOR..... Ford Motor Company

Is this an incorporated concern? (Yes or No)..... Yes

c. POST-OFFICE ADDRESS OF GENERAL OFFICE..... 3674 Schaefer Road, Dearborn, Michigan

### LOCATION OF PLANT

d. STATE..... California

e. CITY, TOWN, OR VILLAGE..... Long Beach

f. COUNTY..... Los Angeles

g. STREET AND NUMBER..... 700 Ford Ave.

h. POST-OFFICE ADDRESS IF DIFFERENT FROM LOCATION (c).....

i. IS PLANT LOCATED WITHIN PRESENT CORPORATE BOUNDARIES OF CITY, TOWN, OR VILLAGE? (Yes or No)..... Yes

If not, name township, borough, or other civil division in which plant is located.....

j. IS THIS PLANT A BRANCH OR SUBSIDIARY OF SOME OTHER CONCERN? (Yes or No)..... Yes If so, give name and address of such concern..... Ford Motor Company, Dearborn, Michigan

k. PLACE A CHECK MARK (✓) IN PROPER SPACE IF, SINCE JANUARY 1, 1930, THIS PLANT HAS CHANGED ITS NAME.....; LOCATION.....; OWNERSHIP.....; GENERAL NATURE OF BUSINESS..... If so, give former name, location, ownership, or nature of business..... Moved from 2060 E. 7th St., Los Angeles  
No change in name

2. **CHARACTER OF INDUSTRY.**—These answers should be as definite as possible in brief space, indicating specific products and materials. Return with the schedule a card, a catalogue, or other printed matter ordinarily used by the concern to show the nature of its business:

a. PRODUCTS..... Automobile manufacture and assembly

(Specify chief kinds of goods manufactured or kinds of work done)

b. MATERIALS USED..... Iron, steel, wood, cloth

(Specify principal kinds of materials or stock, in order of importance)

3. **PERIOD COVERED.**—This report should relate preferably to the calendar year 1931, but it may be made to cover the business or fiscal year ending within the period from April 1, 1931, to March 31, 1932. It should, in either case, cover a full year's operation, unless the plant was newly organized or went out of business within the year.

The fiscal year or period covered by the information given below— Began..... January 1st..... 1931  
Ended..... December 31st..... 1931

4. **TIME IN OPERATION AND HOURS OF LABOR:**

183

a. NUMBER OF DAYS PLANT WAS OPERATED DURING PERIOD COVERED.....  
(Give the number of days the plant, or any important part of it, was actually in operation. Do not include Sundays and holidays unless the plant was actually in operation, and do not include days when only the office was open)..... 40

b. NORMAL NUMBER OF HOURS PER WEEK FOR THE INDIVIDUAL WAGE EARNER.....

c. DOES NUMBER OF HOURS (b) REFER TO A 6-DAY, A 5½-DAY, OR A 5-DAY WEEK, OR TO SOME OTHER BASIS (specify)?..... 5



5. **WAGE EARNERS EMPLOYED, BY MONTHS.**—Report skilled and unskilled workers of all classes, including engineers, firemen, watchmen, packers, etc.; also foremen and overseers in minor positions who perform work similar to that done by the employees under their supervision, but NOT overseers, superintendents, etc., engaged solely in supervisory work. Include pieceworkers employed in the plant covered by this report, but do not include persons working in other plants or at their homes on materials furnished by your establishment. DO NOT INCLUDE OFFICERS NOR OFFICE EMPLOYEES.

Give below for each month number of wage earners on pay roll for week which included 15th day of month, if this was a normal week. If not, give number for a normal week.

17917

Jan. 1859 Feb. 2010 Mar. 1933 Apr. 1995 May 2012 June 1951  
 July 1869 Aug. 1788 Sept. 682 Oct. 668 Nov. 620 Dec. 530

6. **WAGES, COST OF MATERIALS, ETC.**—Report the total amounts paid during the period covered by this report for wages, cost of materials, etc., and for contract work. DO NOT INCLUDE ANY OVERHEAD OR MISCELLANEOUS EXPENSES, NOR SALARIES OF OFFICERS AND OFFICE EMPLOYEES.

- a. **WAGES.**—(Report the total wages paid to wage earners, as defined under Inquiry 5) \$ 2,148,482.20  
 b. **COST OF MATERIALS, FUEL, AND ELECTRIC ENERGY.**—(Report the cost of all materials—both raw stock and partly manufactured materials—which were purchased or were transferred from other plants under the same ownership or control and which entered into the products manufactured as reported under Inquiry 7, together with the cost of fuel and purchased electric energy, actually used during the period covered by this report. DO NOT INCLUDE THE COST OF MILL OR SHOP SUPPLIES, NOR THAT OF COMMODITIES PURCHASED FOR RESALE IN THE SAME CONDITION) \$ 12,037,014.53  
 c. **COST OF CONTRACT WORK.**—(Report the amount paid for work done for you outside your plant, on materials supplied by you, in the manufacture of products reported under Inquiry 7) \$

TOTAL

\$ 14,185,496.73

7. **PRODUCTS.**—Report the quantities and the net selling values at the plant of all products manufactured by you during the period covered by this report, whether sold, on hand, or transferred to other plants under the same ownership or control. Include with products of your own plant those made on contract in other plants from materials owned by you. Include also parts for sale as such. Report important products separately, with numbers and values. DO NOT INCLUDE COMMODITIES PURCHASED FOR RESALE IN THE SAME CONDITION.

KIND	NUMBER	VALUE
a. Passenger vehicles, not including public conveyances:		
1. Closed—		
2. Coupes (including convertible)	11,518	\$5,990,169.30
3. 2-door sedans and coaches	4,115	\$2,110,431.20
4. 4-door sedans	3,944	\$2,360,169.20
5. Other closed (landau, broughams, etc.)		\$
6. Open—		
7. Roadsters and runabouts	5,246	\$2,481,547.90
8. Other	213	\$ 105,732.90
b. Public conveyances:		
1. Motor busses (including school, sightseeing, and public-utility)—		
2. Under 21 passengers	88	\$ 52,756.00
3. 21 to 32 passengers	37	\$ 42,382.50
4. 33 passengers and over		\$
5. Taxicabs		\$
6. Other public conveyances (specify)		\$
7. Ambulances	3	\$ 3,858.00
c. Commercial vehicles:		
1. Light delivery (less than 1 ton)	2,524	\$1,231,340.50
2. Trucks (1 ton and over)	1,909	\$1,283,148.25
3. Truck tractors		\$
4. Hearses and undertakers' wagons	2	\$ 2,806.00
5. Other commercial vehicles (specify)		\$
		\$
d. Government (Federal, State, and municipal), etc.:		
1. Fire-department equipment:		
Engines		\$
Hook-and-ladder trucks		\$
Chemical wagons		\$
Other (specify)		\$

# 7. PRODUCTS—Continued.

KIND	NUMBER	VALUE
d. Government (Federal, State, and municipal), etc.—Continued.		
2. Patrol wagons.....		
3. Street-cleaning apparatus—sprinklers, sweepers, etc. (specify):		\$ 4,912.74
4. Other (specify).....		\$
e. Trailers and semi-trailers.....		\$
f. Tractors, except truck tractors:		\$
1. Road, not including truck tractors (total belt horsepower.....)		\$
2. Farm (total belt horsepower.....)		\$
3. Industrial (total belt horsepower.....)		\$
g. Chassis made for sale as such:		\$
1. Passenger.....		\$
2. Commercial.....		\$
3. Bus.....	2,217	\$ 1,225,225.74
h. Bodies.....		\$
i. Tops.....		\$
j. Parts and accessories.....		\$
k. All other products (specify).....		\$
l. Receipts for custom and repair work.....		\$
TOTAL VALUE.....		\$ 16,885,422.94

## m. SUMMARY BY VALUES (Use l. o. b. values)

Passenger vehicles (Inquiry 7, group a):

Value up to \$500.....

\$501 to \$750.....

\$751 to \$1,000.....

\$1,001 to \$1,500.....

\$1,501 to \$2,000.....

\$2,001 to \$2,500.....

\$2,501 to \$3,000.....

\$3,001 and up.....

## NUMBER

5,454

24,664

159

17,577

## n. SUMMARY BY TONNAGE

Delivery wagons and trucks (Inquiry 7, groups c-1, c-2, c-3, and p-2):

Complete cars and chassis—

¾ ton or less.....

1 ton.....

Over 1 to 2½ tons, inclusive.....

3 to 4½ tons, inclusive.....

5 tons.....

Over 5 tons.....

## NUMBER

2,524

4,136

THIS IS TO CERTIFY that the information contained in this report is correct and complete to the best of my knowledge and belief, and covers the period from January 1st, 1931 to December 31st, 1931

Ed. C. Carnegie

(Signature and official title of person furnishing the information)

3674 Schaefer Road, Dearborn, Michigan.

Chief Accountant

REMARKS:

# CONFIDENTIAL GOVERNMENT REPORT

The law requires every manufacturer to report to the Bureau of the Census and provides penalties for failure to do so. (See letter of transmittal.) This schedule must be filled out and mailed not later than March 1, 1934.

FOR OFFICE USE ONLY
07-16
(State and County)
1158
(City)
(Industry Number)

(F) Schedule Recd

Form 1408

DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

WASHINGTON

1 4-470  
File No.

MAR 5 1934

## CENSUS OF MANUFACTURES, 1933

REQUIRED BY ACT OF CONGRESS APPROVED JUNE 18, 1929

### MOTOR VEHICLES

Central Office  
APR 3  
Hankels  
Dugan

None of the information which you supply will be disclosed to any person who is not a sworn employee of this Bureau.

**GENERAL INSTRUCTIONS.**—This report should relate to the CALENDAR YEAR 1933 and should cover a full year's operations unless the plant was newly organized or went out of business within the year, in which case a part-year report should be made. In general, a separate report is required for each plant, but a combined report may be made for two or more plants engaged in the same line of manufacture and located (1) in the same city, town, borough, or village, or (2) in the same county but in different cities, towns, boroughs, or villages having fewer than 10,000 inhabitants. The name and location of each plant must be given. DATA FOR MERCHANDISING AND OTHER NONMANUFACTURING ACTIVITIES SHOULD BE OMITTED.

Answer all the inquiries in detail, supplying estimates if records are not available. The explanations should be read carefully before the inquiries are answered.

1. DESCRIPTION OF PLANT.—How many separate plants or factories does this report cover? 1 If more than one, give names and locations under "Remarks." (See "General Instructions," above.)
  - (a) NAME OF PLANT Chevrolet - Oakland - Div. of General Motors Corporation
  - (b) NAME OF OWNER OR OPERATOR General Motors Corporation
  - Is this an incorporated concern? Yes (Yes or no)
  - (c) POST-OFFICE ADDRESS OF GENERAL OFFICE Detroit, Michigan
  - LOCATION OF PLANT
    - (d) STATE California
    - (e) CITY, TOWN, OR VILLAGE Oakland
    - (f) COUNTY Alameda
    - (g) STREET AND NUMBER 69th & Foothill Blvd
    - (h) POST-OFFICE ADDRESS IF DIFFERENT FROM LOCATION (e) —
    - (i) IS PLANT LOCATED WITHIN PRESENT CORPORATE BOUNDARIES OF CITY, TOWN, OR VILLAGE (see e, above)? Yes (Yes or no)
    - If not, name township, borough, or other civil division in which plant is located —
    - (j) IS THIS PLANT A BRANCH OR SUBSIDIARY OF SOME OTHER CONCERN? Yes If so, give name and address of such concern General Motors Corporation, Detroit, Michigan (Yes or no)
    - (k) PLACE A CHECK MARK (✓) IN PROPER SPACE IF, SINCE DECEMBER 31, 1931, THIS PLANT HAS CHANGED ITS NAME; LOCATION; OWNERSHIP; GENERAL NATURE OF BUSINESS If so, give former name, location, ownership, or nature of business

2. CHARACTER OF INDUSTRY.—These answers should be as definite as possible in brief space, indicating specific products and materials. Return with the schedule a card, a catalog, or other printed matter ordinarily used by the concern to show the nature of its business.

- (a) PRODUCTS Assembling Automobiles (Specify chief kinds of goods manufactured or kinds of work done)
- (b) MATERIALS USED Steel, Wood, Fabrikoid (Specify principal kinds of materials or stock, in order of importance)

3. TIME IN OPERATION AND HOURS OF LABOR:

- (a) Number of days plant (not merely office) was operated in 1933 215
- (b) Number of hours plant was operated (day shift only) during the week including December 15 35

TABULATED

[OVER]

14425

4. PERSONS ENGAGED.—Number December 15, 1933, as per pay roll. If this was not a representative day, give data for the nearest representative or normal day, stating here what date is used. Do not count the same person twice under different headings.

652

- (a) PROPRIETOR OR FIRM MEMBERS (not applicable to incorporated companies).....
- (b) OFFICERS OF THE CORPORATION. (Do not include directors unless holding other offices on salary.).....
- (c) MANAGERS, SUPERINTENDENTS, AND OTHER RESPONSIBLE ADMINISTRATIVE EMPLOYEES.....
- (d) CLERKS, STENOGRAPHERS, BOOKKEEPERS, AND OTHER CLERICAL EMPLOYEES ON SALARY.....
- (e) WAGE EARNERS.—(Report skilled and unskilled workers of all classes, including engineers, firemen, watchmen, packers, etc.; also foremen and overseers in minor positions who perform work similar to that done by the employees under their supervision. Include pieceworkers employed in the plant covered by this report, but do not include persons working in other plants on materials furnished by your establishment.).....

NUMBER

3  
424

652

5. WAGE EARNERS EMPLOYED, BY MONTHS.—Give number on pay roll for week which included 15th day of month, if this was a normal week. If not, give number for a normal week. (Follow instructions under Inquiry 4-e as to who are to be included.)

Jan. 432 Feb. 428 Mar. 403 Apr. 383 May 441 June 475  
July 604 Aug. 658 Sept. 644 Oct. 633 Nov. 617 Dec. 652

6. SALARIES AND WAGES.—Amounts paid in 1933. Include bonuses or percentages of profits when paid either to officers and salaried employees or to wage earners.

- (a) TOTAL AMOUNT OF SALARIES OF OFFICERS OF THE CORPORATION (see Inquiry 4-b)..... \$ None
- (b) TOTAL AMOUNT OF SALARIES OF MANAGERS, SUPERINTENDENTS, AND OTHER RESPONSIBLE ADMINISTRATIVE EMPLOYEES (see Inquiry 4-c)..... \$ 15,808
- (c) TOTAL AMOUNT OF SALARIES OF CLERKS, STENOGRAPHERS, BOOKKEEPERS, AND OTHER CLERICAL EMPLOYEES ON SALARY (see Inquiry 4-d)..... \$ 537,817.81
- (d) TOTAL AMOUNT PAID TO WAGE EARNERS, AS DEFINED UNDER INQUIRY 4-e..... \$ 578,404.29
- Aggregate of salaries and wages (sum of items a, b, c, and d)..... \$ 1,132,089.10

7. COST OF MATERIALS, ETC., AND CONTRACT WORK.—Report the total amounts paid in 1933 for materials, etc., and for contract work. DO NOT INCLUDE ANY OVERHEAD OR MISCELLANEOUS EXPENSES.

- (a) COST OF MATERIALS, FUEL, AND ELECTRIC ENERGY.—(Report the cost, including freight, of all materials—both raw stock and partly manufactured materials—which were purchased or were transferred from other plants under the same ownership or control and which entered into the products manufactured as reported under Inquiry 8, together with the cost of fuel and purchased electric energy actually used in 1933. DO NOT INCLUDE THE COST OF MILL OR SHOP SUPPLIES, NOR THAT OF COMMODITIES PURCHASED FOR RESALE IN THE SAME CONDITION.)..... \$ 19,431,306.01
- (b) COST OF CONTRACT WORK.—(Report the amount paid for work done for you outside your plant, on materials supplied by you, in the manufacture of products reported under Inquiry 8)..... \$

TOTAL..... \$ 19,431,306.01

8. PRODUCTS.—Report the numbers and the net wholesale (factory) values (based on prices charged to dealers, distributors, and branch agencies) of all motor vehicles and other products manufactured by you during the period covered by this report, whether sold, on hand, or transferred to other plants. Do not include parts made in this plant and used in the same plant in further manufacture.

KIND	NUMBER	VALUE	
a. Passenger vehicles, not including public conveyances:			
1. Closed:			
2. Coupes (including convertible).....	12038	\$ 4,673,340.42	3318
3. 2-door sedans and coaches.....	8730	\$ 3,427,788.67	392
4. 4-door sedans.....	17592	\$ 7,724,617.80	439
5. Other closed (landau, broughams, etc.).....		\$	
6. Open:			
7. Roadsters and runabouts.....	221	\$ 81,460.60	370
8. Other.....	123	\$ 48,142.20	390
b. Public conveyances:			
1. Motor busses (including school, sightseeing, and public-utility):			
2. Under 21 passengers.....		\$	
3. 21 to 32 passengers.....		\$	
4. 33 passengers and over.....		\$	
5. Taxicabs.....		\$	
6. Other public conveyances (specify).....		\$	

(Continued on next page)

## 8. PRODUCTS.—Continued

KIND	NUMBER	VALUE
c. Commercial vehicles:		
1. Light delivery (less than 1 ton).....	2059	\$ 725,907.45
2. Trucks, 1 to 5 tons, inclusive.....	5326	\$ 2,488,724.26
3. Trucks, over 5 tons.....		\$ .....
4. Truck tractors.....		\$ .....
5. Hearses and undertakers' wagons.....		\$ .....
6. Other commercial vehicles (specify).....		\$ .....
d. Other vehicles and apparatus:		
1. Ambulances.....		\$ .....
2. Fire-department equipment:		
Engines.....		\$ .....
Hook-and-ladder trucks.....		\$ .....
Chemical wagons.....		\$ .....
Other (specify).....		\$ .....
3. Patrol wagons.....		\$ .....
4. Street-cleaning apparatus—sprinklers, sweepers, etc. (specify):		\$ .....
5. Other (specify).....		\$ .....
e. Trailers and semitrailers.....		\$ .....
f. Tractors, except truck tractors:		
1. Road, not including truck tractors (total belt horsepower.....)		\$ .....
2. Farm (total belt horsepower.....)		\$ .....
3. Industrial (total belt horsepower.....)		\$ .....
g. Chassis, bodies, tops, and parts and accessories made for sale or for transfer to other plants:		
1. Chassis:	6	\$ 1,644.75
Passenger.....		\$ .....
Commercial.....		\$ .....
Bus.....		\$ .....
2. Bodies (specify kind) Cabs, Pickup, Panel	317	\$ 7,167.26
3. Tops.....		\$ .....
4. Parts and accessories.....		\$ 2251,625.74
h. All other products Options and Extra Equipment		\$ 868,008.73
i. Receipts for custom and repair work.....		\$ 22,304,427.88
TOTAL VALUE.....		\$ 22,304,427.88

9. MAN-HOURS. (A man-hour is one hour of work by one person.)—Report, from the pay roll, the total number of man-hours actually worked during each month by all the wage earners reported under Inquiry 5, above. The figure for each month should be an aggregate for the entire month (not for any one week), but should cover only the time actually employed on the job. (To illustrate: 10 wage earners employed 100 hours worked 1,000 man-hours.)

Jan. 101,261	Feb. 69,412	Mar. 49,626	Apr. 69,849	May 89,627	June 102,232
July 106,551	Aug. 94,635	Sept. 74,428	Oct. 61,673	Nov. 34,272	Dec. 67,345

## CERTIFICATE

THIS IS TO CERTIFY that the information contained in this report is correct and complete to the best of my knowledge and belief, and covers the period from January 1st, 1933, to December 31st, 1933

L. L. Coyle, Resident Comptroller  
(Signature and official title of person supplying the information)  
Oakland, Cal.  
(Address)

REMARKS:



# CONFIDENTIAL GOVERNMENT REPORT

File No. 4-1061

The law requires every manufacturer to report to the Bureau of the Census and provides penalties for failure to do so. This law also provides that no one not a sworn employee of the Bureau of the Census will be permitted to examine your report, and no information can be given to any person, whether in Government service or in private life, which would disclose, exactly or approximately, any of the facts or figures in your report. This schedule should be filled out promptly and held until called for by a representative of the Bureau.

FOR OFFICE USE ONLY		
(State and County)		
(City)	(Ind. Area)	(C. of O.)
(Industry Number)		

Form 1408

## DEPARTMENT OF COMMERCE

### BUREAU OF THE CENSUS

WASHINGTON

Schedule No. 8

Schedule Received  
5/19/36

# CENSUS OF MANUFACTURES, 1935

REQUIRED BY ACT OF CONGRESS APPROVED JUNE 15, 1929

## MOTOR VEHICLES

GENERAL INSTRUCTIONS. Please read these instructions carefully before filling out the inquiries in this schedule.

- This schedule provides for making a report for the 1935 Census of Manufactures and, on the last sheet, a report for the 1935 Census of Business. Both sections of the schedule should be filled out in detail, book figures being used if possible.
- These reports should relate to a plant and the office at that plant (except as explained under f, below). General administrative offices located elsewhere should be reported on a separate schedule entitled "Administrative and General Office Schedule."
- The data reported for the Census of Manufactures should cover all your production activities, your power plant, and such auxiliary activities as maintenance, shipping, warehousing, etc., at the same location, but should NOT cover merchandising (buying and selling products made by others) or the operation of cafeterias (which should be reported for the Census of Business, on the last sheet).
- If you maintain a separate sales department, do not include data for it in your report for the Census of Manufactures; give these data only in the report for the Census of Business, on the last sheet.
- Neither report should include data for construction of or additions to plant, or for new installations or major replacements of equipment.
- In general, a schedule should be filled out for each plant, but combined reports may be made for two or more plants engaged in the same line of manufacture and located in the same county, except that separate reports must be made for plants located in different cities, towns, or villages having 10,000 inhabitants or more.
- Great care should be taken in answering the question (Inquiry 1-f) as to whether the plant is located within or outside the city, town, or village boundaries, since the accuracy of all city statistics depends on the correctness of the answers to this inquiry.
- In case your plant is not situated within the limits of an incorporated city, town, or village, name the division of the county in which the plant is located and specify whether it is a township or other geographical unit. (The post-office address is not sufficient, as in some cases a plant may receive its mail from a post office located in a different county or even in a different State.)
- These reports should relate to the calendar year 1935, but, if necessary, they may be made to cover the business or fiscal year ending within the period from April 1, 1935, to March 31, 1936. In either case, a full year's operation should be covered unless the plant began to operate or ceased to operate within the year.
- If the plant was purchased, sold, or leased within the year, give under "Remarks" the name of the seller, buyer, lessor, or lessee.
- If your books do not give the information required, careful estimates should be supplied. Answer all inquiries applicable to your business. If you do not, it will be necessary to obtain the missing information from you by correspondence.
- Monetary items should be given to the nearest dollar; omit cents.
- Remarks.—Under "Remarks," explain any statements or figures that appear to be inconsistent; for example, excess of reported expenses (salaries, wages, and cost of materials, fuel, etc.) over value of products.

### INQUIRY 1. DESCRIPTION OF PLANT.—How many separate plants or factories does this report cover? 1

If more than one, give names and locations under "Remarks." (See "General Instructions," above.)

(a) NAME OF PLANT Richmond Branch - Ford Motor Co  
(b) NAME OF OWNER OR OPERATOR Ford Motor Co

Is this an incorporated concern? yes Does this concern operate or control one or more other factories or manufacturing subsidiaries? yes  
(Yes or no) (Yes or no)

(c) POST-OFFICE ADDRESS OF GENERAL OFFICE Dearborn Mich

LOCATION OF PLANT

(a) STATE California (c) CITY, TOWN, OR VILLAGE Richmond

(b) COUNTY Contra Costa (d) STREET AND NUMBER 1414 So Tenth St

(e) POST-OFFICE ADDRESS IF DIFFERENT FROM PLANT LOCATION (e) \_\_\_\_\_

(f) IS PLANT LOCATED WITHIN PRESENT CORPORATE BOUNDARIES OF CITY, TOWN, OR VILLAGE? (See c, above) yes  
(Yes or no)

(g) IS THIS PLANT A BRANCH OR SUBSIDIARY OF SOME OTHER CONCERN? no If so, give name and address of such concern  
(Yes or no)

(h) PLACE A CHECK MARK (✓) IN PROPER SPACE IF, SINCE DECEMBER 31, 1933, THIS PLANT HAS CHANGED ITS NAME \_\_\_\_\_; LOCATION \_\_\_\_\_; OWNERSHIP \_\_\_\_\_; GENERAL NATURE OF BUSINESS \_\_\_\_\_. If so, give former name, location, ownership, or nature of business \_\_\_\_\_

### INQUIRY 2. CHARACTER OF INDUSTRY.—These answers should be as definite as possible in brief space, indicating specific products and materials. Return with the schedule a card, a catalog, or other printed matter ordinarily used by the concern to show the nature of its business.

(a) PRODUCTS Passenger and commercial type automobiles

(b) MATERIALS USED Steel, upholstery material, rubber, paint, machine shop products  
(Specify principal kinds of materials—raw and partly manufactured—used, in order of importance)

Central Office No. 13315



### INQUIRY 3. TIME IN OPERATION AND HOURS OF LABOR.

- (a) Number of days plant was actually engaged in production during period covered 236 (Do not include Sundays and holidays unless the plant was in operation, and do not include days when only the office or the shipping department was open.)
- (b) Normal number of hours per week (day shift only) 40 (c) Normal number of shifts per day 1
- (d) Does number of hours (b) refer to a 6-day, a 5½-day, or a 5-day week, or to some other basis (specify) 75-day week

**INQUIRY 4. PERSONNEL, OTHER THAN WAGE EARNERS, AND SALARIES PAID.**—Under sections (b), (c), and (d) report the numbers of persons employed during any part of a week of normal activity (preferably the week ended nearest the 15th day of the month) in December, 1935, and under section (e) the number of clerical employees who worked during any part of such a week in each of the four months specified. **DO NOT INCLUDE WAGE EARNERS** to be reported under Inquiry 5, below. Do not count the same person twice under different headings in Inquiries 4 and 5. If an officer of the corporation is also the general manager, for example, report him **only once**, under (b). Give also, in the right-hand column, the total compensation, including bonuses and commissions, paid during the year covered by this report.

	NUMBER		TOTAL COMPENSATION, INCLUDING BONUSES AND COMMISSIONS, PAID DURING YEAR	
		Key		Key
(a) Proprietor or firm members (not applicable to incorporated companies).....		B-1	X X X X X X	
(b) Salaried officers of the corporation. (Do not include officers of central administrative offices reported on the special Administrative schedule. Do not include directors unless they hold other offices on salary).....		B-2	\$ .....	B-3
(c) Supervisory employees.—Managers, superintendents, and other responsible administrative employees (including plant foremen whose duties are primarily supervisory but <b>not</b> including foremen and overseers in minor positions who perform work similar to that of the employees under their supervision).....	11	B-4	\$ 35,460.	B-5
(d) Technical employees.—Trained technicians, such as chemists, electrical and mechanical engineers, designers, etc., who hold responsible positions requiring technical training and whose supervisory duties, if any, are only incidental.....		B-6	\$ .....	B-7
(e) Clerical employees.—Clerks, stenographers, bookkeepers, timekeepers, and other clerical employees (including laboratory assistants, draftsmen, etc.), whether in the office or in the factory.....				
March <u>12</u> [B-10] June <u>11</u> [B-11] Sept. <u>10</u> [B-12] Dec. <u>12</u>	12	B-8	\$ 18,600.	B-9
(Specify year, if other than 1935. See General Instructions, section (i).)	23	A-1	\$ 54,060.	A-2
TOTAL FOR SALARIED OFFICERS AND EMPLOYEES.....				

**INQUIRY 5. WAGE EARNERS EMPLOYED, BY MONTHS, AND WAGES PAID.**—Report here all time and piece workers employed in the plant (including the power plant and the maintenance, shipping, warehousing, and other departments) covered by this report, **NOT INCLUDING** employees reported above under Inquiry 4. Include here working foremen and gang and straw bosses, but not foremen whose duties are primarily supervisory. (See Inquiry 4-c, above.) Clerical employees in the factory should not be included here but should be reported under Inquiry 4-e, above. Do not include employees in cafeterias, nor persons working in other plants or in their homes on materials supplied by your establishment.

- (a) Number of wage earners who worked during any part of a week of normal activity in each month, preferably the week ended nearest the 15th day of the month.

	Key		Key		Key		Key		Key
Jan. 2250	C-1	May 1870	C-5	Sept. 810	C-9				
Feb. 2310	C-2	June 1010	C-6	Oct. 1110	C-10				
Mar. 2280	C-3	July 870	C-7	Nov. 1550	C-11				
Apr. 2290	C-4	Aug. 910	C-8	Dec. 1590	C-12				
(Specify year, if other than 1935. See General Instructions, section (i).)									

- (b) Total amount paid to wage earners, as defined above, during the year  
(DO NOT include salaries of persons reported under Inquiry 4)..... \$ 2,176,543.

What was the corresponding total of wages paid in 1934 (or in the fiscal year preceding that covered by this report)?..... \$ 1,907,513.

**NOT TO BE FILLED OUT IF REPORT COVERS CALENDAR YEAR.** (See General Instructions, section i)

(c) Give below the numbers of wage earners for months of 1935 not reported in section (a), above, and specify months:

Month in 1935	Number of wage earners	Month in 1935	Number of wage earners	Month in 1935	Number of wage earners	Month in 1935	Number of wage earners

**INQUIRY 5a. MAN-HOURS** (a man-hour is one hour of work by one person.—Report, from the pay roll, the total number of man-hours actually worked during each month of the year covered by this report by all the wage earners as defined in Inquiry 5, page 2. The figure for each month should be an aggregate for the *entire* month. Where the pay-roll period extends from one month into the next, the man-hours of this pay period should be allocated between the two months.

Jan. 464,120 Feb. 431,850 Mar. 460,270 Apr. 433,340 May 252,840 June 157,670  
July 129,220 Aug. 118,620 Sept. 77,070 Oct. 190,830 Nov. 250,660 Dec. 221,360

TOTAL FOR THE YEAR 3,187,850

**INQUIRY 6. COST OF MATERIALS, ETC., AND CONTRACT WORK.**—Report the total cost, delivered at plant, of materials, etc., *actually used* during the period covered by this report in the manufacture of the products reported under Inquiry 7, and the cost of contract work done for you on these products. DO NOT INCLUDE THE FOLLOWING: MANUFACTURERS' EXCISE TAX; CHARGES TO CAPITAL ACCOUNTS, SUCH AS COST OF NEW EQUIPMENT; SALARIES, WAGES, AND MISCELLANEOUS EXPENSES; COST OF COMMODITIES PURCHASED FOR RESALE IN THE SAME CONDITION.

(a) Cost of materials and mill and shop supplies	26,484,329	\$ 25,516,503.	D-3
(b) Cost of fuel (Surplus Natural Gas)		\$ 33,205.	D-4
(c) Cost of purchased electric energy		\$ 35,526.	D-5
TOTAL	26,553,060	\$ 25,885,234.	A-6
(d) Cost of contract work done for you outside the plant, on materials supplied by you, in the manufacture of products reported under Inquiry 7.		\$	D-6

**INQUIRY 7. PRODUCTS.**—Report the numbers and the net wholesale (factory) values (based on prices charged to dealers, distributors, and branch agencies), including excise taxes, of all motor vehicles and other products manufactured or assembled by you during the period covered by this report, whether sold, on hand, or transferred to other plants. Do not include parts made in this plant and used in the same plant in further manufacture.

KIND	NUMBER	VALUE
(a) Passenger vehicles, not including public conveyances:		
1. Closed:		
2. 2-door	26,916	\$ 15,278,186.
3. 4-door	19,542	\$ 12,562,621.
4. Open:		
5. 2-door	183	\$ 105,552.
6. 4-door	93	\$ 55,954.
(b) Public conveyances:		
1. Motor busses (including school, sightseeing, and public-utility):		
2. Under 21 passengers	281	\$ 188,227.
3. 21 to 32 passengers		\$
4. 33 passengers and over		\$
5. Taxicabs		\$
6. Other public conveyances (specify):		\$
(c) Commercial-type vehicles:		
1. Light delivery (less than 1 ton)	6,784	\$ 3,580,035.
2. Trucks, 1 to 1½ tons, inclusive	6,009	\$ 3,796,232.
3. Trucks, 2 to 4½ tons, inclusive		\$
4. Trucks, 5 tons and over		\$
5. Truck tractors		\$
6. Ambulances		\$
7. Hearses and undertakers' wagons		\$
8. Patrol wagons		\$
9. Other commercial-type vehicles (specify):		\$

(Continued on next page)



# INQUIRY 7. PRODUCTS—Continued.

KIND	NUMBER	VALUE
(d) Fire-department equipment:		
1. Engines.....		\$
2. Hook-and-ladder trucks.....		\$
3. Chemical wagons.....		\$
4. Other (specify).....		\$
(e) Street-cleaning apparatus—sprinklers, sweepers, etc. (specify):		\$
(f) Other motor-driven vehicles and apparatus (specify):		\$
(g) Trailers:		
1. For motor trucks and truck tractors.....		\$
2. For passenger cars.....		\$
(h) Chassis, bodies, tops, and parts and accessories made for sale or for transfer to other plants:		
1. Chassis:		
Passenger.....	1	\$ 446.
Commercial.....	479	\$ 252,269.
Bus.....		\$
2. Bodies:		
Truck (specify separately, platform, panel, express, dump) <u>2 Panels, 1 Platform</u>		
<u>3 Stakes, 1 Dump</u>	7	\$ 966.
Other (specify kind) <u>1 - 2-door closed</u>		
<u>1 - 4-door closed</u>	2	\$ 587.
3. Truck cabs.....	14	\$ 1,359.
4. Tops.....		\$
5. Parts and accessories (do not include value of parts and accessories shipped from other plants under same ownership).....		\$
(i) All other products.....		\$
(j) Receipts for electric energy sold (report quantity under Inquiry 9).....		\$
(k) Receipts for contract work done by you on materials owned by others.....		\$
(l) Receipts for custom and repair work.....		\$ 1,425.
TOTAL VALUE.....	Code A-7	\$ 35,823,866.

Amount of manufacturers' excise taxes (paid or accrued) included in the value of products reported above..... \$ 967,926.

What was your corresponding total value of products for 1934 (or the fiscal year preceding that covered by this report)?..... \$33,251,764.

FOR OFFICE USE ONLY			
Total P. M. rating	Key	Total E. M. rating	Key
	A-9		A-10

REMARKS:

**INQUIRY 8. POWER EQUIPMENT.**—The figures given in this inquiry should relate to equipment in use or available for use at the end of the period covered by the report.

**PRIME MOVERS AND GENERATORS**

Report as "Prime-mover-generator units" all generators in the plant, together with the prime movers driving them, whether direct-connected or connected by gears or by belts, including prime movers driving both generators and line shafts or other equipment. Do not include rotary converters and motor-generator sets. Give the rating indicated on the nameplate. If the unit is rated only on the generator, the horsepower rating of the prime mover should be reported as one and one-half times the kilowatt rating of the generator.

Type	PRIME-MOVER-GENERATOR UNITS (Direct-connected and connected by gears or by belts)						PRIME MOVERS NOT DRIVING GENERATORS	
	Number	Prime movers: Total rated horsepower		Generators: Total kilowatt rating			Number	Total rated horsepower
(a) All equipment, available for use, active and idle:	Key		Key		Key		Key	Key
Steam engines.....	E-1		E-2		E-3		F-1	F-2
Steam turbines.....	E-4		E-5		E-6		F-3	F-4
Diesel and semi-Diesel engines.....	E-7		E-8		E-9		F-5	F-6
Other internal-combustion engines (gas, gasoline, etc.).....	E-10		E-11		E-12		F-7	F-8
Hydro-turbines and water wheels.....	E-13		E-14		E-15		F-9	F-10
(b) Equipment, included above, ordinarily idle but held for standby (not junk).....	XXXXXX						XXXXXX	

**ELECTRIC MOTORS**

	Number	Total rated horsepower
(a) Electric motors driven by purchased energy.....	236	1,512
(b) Electric motors driven by energy generated in the plant.....		

**INQUIRY 9. FUEL AND ELECTRIC ENERGY.**—Report the total quantities and the costs of the specified fuels, and of electric energy, consumed in the plant during the year covered by the report, and the quantity of electric energy sold, if any. Be sure to make all entries on the proper lines.

	Unit of quantity	Quantity	Key	Cost delivered at plant	Key
Coal, anthracite.....	Long ton.....		G-1	\$.....	G-2
Coal, bituminous.....	Short ton.....		G-3	\$.....	G-4
Coke.....	Short ton.....		G-5	\$.....	G-6
Fuel oil (not including gasoline).....	Gallon.....		G-7	\$.....	G-8
Gas, natural.....	M cu. ft.....	223,430		\$ 33,205.	
Gas, blast-furnace.....	M cu. ft.....		H-2	\$.....	H-3
Gas, other manufactured.....	M cu. ft.....			\$.....	
TOTAL COST OF ABOVE.....	XXXX	XXXXXXXXXX		\$ 33,205.	H-4
Electric energy generated in your plant:					
Used.....	Kw.-hr.....		H-5	XXXXXXXXXX	
Sold (report value under Inquiry 7).....	Kw.-hr.....		H-6	XXXXXXXXXX	
Electric energy purchased.....	Kw.-hr.....	4,029,000	H-7	\$ 35,525.	H-8

This is to certify that the information contained in this report is correct and complete to the best of my knowledge and belief, and covers the period from Jan 1, 1935, to Jan 1, 1936.

(Signature of enumerator) \_\_\_\_\_ (Signature and official title of person supplying the information) *C. J. Martindale* Acctg Dept  
S. D. No. \_\_\_\_\_; E. D. No. \_\_\_\_\_ (Address) \_\_\_\_\_