

INDUSTRY VOLUME TABLES

TABLE 1.—GENERAL STATISTICS FOR THE UNITED STATES: 1947 AND EARLIER CENSUS YEARS

[Money figures in thousands of dollars. For explanation of column captions see GENERAL EXPLANATIONS]

INDUSTRY AND CENSUS YEAR	Number of establishments	All employees		Production and related workers		Value added by manufacture	Cost of materials, fuel, electricity, and contract work	Value of products shipped
		Number (average for the year)	Salaries and wages, total	Number (average for the year)	Wages, total			

The historical series for each industry includes all census years back to 1899 for which comparable statistics are available.

TABLE 2.—GENERAL STATISTICS BY DIVISIONS AND STATES: 1947

[Money figures and man-hours in thousands. For explanation of column captions see GENERAL EXPLANATIONS]

INDUSTRY, DIVISION, AND STATE	Number of establishments	All employees		Production and related workers			Value added by manufacture	Cost of materials, fuel, electricity, and contract work	Value of products shipped	Expenditures for new plant and equipment
		Number (average for the year)	Salaries and wages, total	Number (average for the year)	Man-hours, total	Wages, total				

Where State figures have been withheld from the table to avoid disclosing figures for individual companies, they have been included in the appropriate geographic region total.

TABLE 3.—DETAILED STATISTICS FOR THE UNITED STATES: 1947

[Money figures in thousands of dollars. For explanation of line captions see GENERAL EXPLANATIONS]

ITEM	Industry			ITEM	Industry		
	Millwork plants	Plywood plants	Prefabricated wood products		Millwork plants	Plywood plants	Prefabricated wood products
ALL ESTABLISHMENTS				ESTABLISHMENTS REPORTING DETAILED STATISTICS—Continued			
Number of establishments.....				Cost of materials, fuel, electricity, and contract work—Continued			
All employees:				Other materials, parts, containers, and supplies			
Number (average for the year).....				Fuels, total			
Salaries and wages, total.....				Bituminous coal.....			
Production and related workers:				Anthracite.....			
Number (average for the year).....				Coke.....			
Man-hours, total..... thousands.....				Fuel oils.....			
Wages, total.....				Gas.....			
Value added by manufacture.....				Other fuels.....			
ESTABLISHMENTS REPORTING DETAILED STATISTICS				Purchased electric energy.....			
Number of establishments.....				Contract and commission work.....			
All employees:				Value of inventories:			
Number (average for the year).....				Beginning of year, total.....			
Salaries and wages, total.....				Finished products.....			
Production and related workers:				Materials, supplies, and work in process.....			
Number (average for the year).....				End of year, total.....			
Man-hours, total..... thousands.....				Finished products.....			
Wages, total.....				Materials, supplies, and work in process.....			
Value added by manufacture.....				Expenditures for plant and equipment:			
Number of employees for pay period ended nearest Oct. 15:				New plant and equipment.....			
All employees.....				Construction and major alteration of fixed plants.....			
Male.....				Buildings.....			
Female.....				Other construction.....			
Production and related workers.....				Machinery and equipment.....			
Male.....				Production machinery and equipment.....			
Female.....				Other machinery and equipment.....			
Force-account construction workers.....				Used plant and equipment, and land.....			
Administrative, supervisory, sales, and all other.....				Number of highway-type motor vehicles owned or leased:			
Male.....				Trucks.....			
Female.....				By manufacturer's rated capacity:			
All employees, number by month:				Under 1 1/2 tons.....			
January.....				1 1/2 tons.....			
February.....				Over 1 1/2 tons and less than 3 1/2 tons.....			
March.....				3 1/2 tons and less than 5 tons.....			
April.....				5 tons and over.....			
May.....				By body type:			
June.....				Van.....			
July.....				Stake or platform.....			
August.....				Panel or light delivery.....			
September.....				All other trucks.....			
October.....				Truck tractors.....			
November.....				Trailers and semitrailers.....			
December.....							
Cost of materials, fuel, electricity, and contract work.....							
Timber cut.....							
Logs purchased.....							

TABLE 4.—SELECTED GENERAL STATISTICS BY SIZE OF ESTABLISHMENT, FOR THE UNITED STATES: 1947

[Money figures in thousands of dollars. For explanation of line captions see GENERAL EXPLANATIONS. Data which cannot be shown without disclosing information for individual companies have been combined with figures for other groups. A ^d appears in the column where the figure has been omitted and the combined figure is printed in italics]

INDUSTRY AND ITEM	Total, all establishments	Establishments with an average of—									
		1-4 employees	5-9 employees	10-19 employees	20-49 employees	50-99 employees	100-249 employees	250-499 employees	500-999 employees	1,000-2,499 employees	2,500 employees and over
Photographic equipment:											
Number of establishments.....											
Number of employees (average for the year).....											
Value added by manufacture.....											

TABLE 5.—VALUE OF PRODUCTS SHIPPED, BY BROAD CLASSES OF PRODUCTS, FOR THE UNITED STATES: 1947

[The first column shows the total value of shipments of the specified industry, divided among: (A) products classified in (primary to) the industry, (B) products classified in other industries (secondary to the specified industry), and (C) miscellaneous receipts. The second column shows the value of shipments of the primary products of the specified industry reported by establishments in other industries. The third column shows the total value of shipments of the primary products of the specified industry by all reporting manufacturers]

[Money figures in thousands of dollars]

PHOTOGRAPHIC EQUIPMENT INDUSTRY	Shipped by—			WATCHES AND CLOCKS INDUSTRY	Shipped by—		
	Photographic equipment industry	Other industries	All industries		Watches and clocks industry	Other industries	All industries
Total shipments by the industry.....				Total shipments by the industry.....			
A. Photographic equipment and supplies.....				A. Watches, clocks and parts.....			
Motion picture equipment, except film.....				Clocks and clock parts.....			
Still picture equipment, except film.....				Watches with domestic movements, and parts.....			
Film.....				Watches with imported movements.....			
Photographic (sensitized) paper and cloth.....				Interplant transfers of watch and clock parts.....			
Prepared photographic chemicals.....				Watches, clocks and parts, not specified by type.....			
Other photographic equipment and supplies.....				B. Secondary products.....			
B. Secondary products.....				C. Miscellaneous receipts.....			
C. Miscellaneous receipts.....				Contract and commission work.....			
Contract and commission work.....				Repair work.....			
Repair work.....				Scrap and salable refuse.....			
Scrap and salable refuse.....				Nonmanufacturing activities.....			
Nonmanufacturing activities.....							

TABLE 6.—QUANTITY AND VALUE OF PRODUCTS, TOTALS FOR THE UNITED STATES: 1947 AND 1939

[Money figures in thousands of dollars]

PRODUCT	Unit of measure	1947		1939	
		Total shipments and interplant transfers		Total production for sale and interplant transfer	
		Quantity	Value f.o.b. plant	Quantity	Value f.o.b. plant
Photographic equipment and supplies, total.....					
Motion picture equipment, except film.....					
Cameras:					
35 mm.....					
16 mm.....					
8 mm.....					
Projectors:					
35 mm.....					
8 mm.....					

SUMMARY VOLUME TABLES

CHAPTER I - GENERAL SUMMARY

- Table 1 - General statistics for all manufacturing industries in the United States: 1849-1947
- Table 2 - General statistics for industry groups and for industries: 1947 and 1939
- Table 3 - General statistics for divisions, States, and standard metropolitan areas: 1947 and 1939
- Table 4 - General statistics for divisions, States, and standard metropolitan areas: 1899-1947
- Table 5 - General statistics for selected counties: 1947 and 1939
- Table 6 - Selected statistics for geographic divisions, by industry: 1947 and 1939

The statistical measures presented in this chapter are: number of establishments, average number of employees, average number of production workers, salaries and wages, wages, and value added by manufacture. In table 6, however, only value added by manufacture and number of production workers are shown. Table 5 includes all counties with 2,500 or more manufacturing employees in 1947 and, in addition, some counties with less than this number of employees in order to show at least the five largest counties for each State, where appropriate. In tables 3 and 4, only the 53 standard metropolitan areas reporting 40,000 manufacturing employees or more have been included.

CHAPTER II - EMPLOYMENT AND PAYROLLS

- Table 1 - Number of employees by functional class and sex: payroll periods ended nearest October 15, 1899-1947
- Table 2 - Number of employees by functional class and sex, for industry groups and for industries: payroll period ended nearest October 15, 1947
- Table 3 - Number of employees by functional class and sex, for divisions, States, and standard metropolitan areas: payroll period ended nearest October 15, 1947
- Table 4 - Employment, payrolls, and man-hours for industry groups and for industries: 1947

The functional classes shown in these tables are: total employees; production and related workers; force-account construction workers; and administrative, supervisory, sales, technical, office and all other employees. In table 4, the total number of employees is shown for each month of the year.

CHAPTER III - SIZE OF ESTABLISHMENTS

- Table 1 - Selected statistics for establishments classified as to size by number of employees, for industry groups and for industries: 1947
- Table 2 - Selected statistics for establishments classified as to size by number of employees, for geographic divisions and States: 1947

The statistics included in table 1 are: number of establishments, average number of employees, average number of production workers, total salaries and wages, wages, production worker man-hours, and value added by manufacture. In table 2, however, statistics on man-hours are omitted. These statistics are presented for ten size classes, as follows: 1-4 employees, 5-9, 10-19, 20-49, 50-99, 100-249, 250-499, 500-999, 1,000-2,499, and 2,500 and over.

CHAPTER IV - TYPE OF OPERATION AND LEGAL ORGANIZATION

Table - General statistics for establishments classified by type of operation and legal organization, for major industry groups: 1947

The type of operation classifies establishments as either single-unit or as parts of multiple-unit concerns. Under each of these headings, separate statistics are shown for establishments under corporate ownership or control and for those under non-corporate ownership or control. The type of ownership or control classifies establishments as corporations, individual proprietorships, partnerships, cooperatives, or other.

CHAPTER V - INVENTORIES

Table - Manufacturers' inventories for industry groups and for industries: 1947

The value of inventories is shown as of the beginning and end of 1947, with a two-fold breakdown between (a) finished products and (b) materials, supplies, work in process, and all other inventories.

CHAPTER VI - EXPENDITURES FOR PLANT AND EQUIPMENT

Table 1 - Expenditures for plant and equipment for industry groups and for industries: 1947

Table 2 - Expenditures for plant and equipment for geographic divisions, States, and standard metropolitan areas: 1947

Table 3 - Expenditures for plant and equipment for principal industrial counties: 1947

The following breakdown is given for expenditures: (1) new construction and major alterations of (a) buildings, including such facilities as new elevators, cranes, heating and ventilating equipment, etc., and (b) other fixed plant such as roads, docks, tracks, etc.; (2) expenditures for (a) new production machinery and equipment and (b) all other new machinery and equipment; (3) expenditures for land and "used" plant and equipment.

CHAPTER VII - HIGHWAY-TYPE MOTOR VEHICLES

Table 1 - Highway-type motor vehicles owned or leased, by type and by manufacturer's rated capacity, for industry groups and for industries: 1947

Table 2 - Highway-type motor vehicles owned or leased, by type and by manufacturer's rated capacity, for divisions and States: 1947

Table 3 - Number of trucks and trailers and semi-trailers, by employee size groups, for industry groups and for industries: 1947

In tables 1 and 2, the types of trucks for which separate statistics are shown are van, stake or platform, panel and light delivery, and all other. Figures are also given for the number of truck tractors, trailers and semi-trailers and also the number of refrigerated-type bodies included. In table 3, the number of trucks is shown for five size groups of establishments: 1-9 employees, 10-49, 50-99, 100-499, and 500 and over. For trailers and semi-trailers, the same type of size distribution is presented.

CHAPTER VIII - FUELS AND ELECTRIC ENERGY

- Table 1 - Fuel consumed and electric energy purchased and generated by manufacturing industries, totals for the United States: 1947 and earlier census years
- Table 2 - Fuel consumed and electric energy purchased and generated, for industry groups and for industries: 1947
- Table 3 - Fuel consumed and electric energy purchased and generated, for geographic divisions and for States: 1947

Separate statistics on quantity and cost are shown for bituminous, anthracite, coke, fuel oil, natural gas manufactured gas, and mixed gas. For electric energy, the tables include quantity and cost of energy purchased, quantity generated, and quantity and value of energy sold.

CHAPTER IX - MATERIALS CONSUMED

Consumption statistics relating to the 75 specified materials covered in the census are presented in 14 tables. These tables are organized in terms of the major industry groups which are the leading consumers of the specified materials. For each major industry group, statistics are shown by industries and by states. Quantity consumed is shown for each material, and in most cases, cost data is also included.

CHAPTER X - ESTABLISHMENTS PERFORMING SELECTED METALWORKING OPERATIONS

- Table 1 - Number of establishments performing selected metalworking operations, by industry: 1947
- Table 2 - Number of establishments performing selected metalworking operations, by geographic division and by State: 1947

In these tables, metalworking operations have been classified into (1) foundry, (2) die-casting, (3) forgings - presses, hammers or upsetters, (4) electroplating, (5) galvanizing and other hot-dip coating, (6) heat treating or annealing of metals for production purposes, (7) automatic screw machine departments, (8) machine shops, (9) tool and die rooms, (10) pattern shops, (11) plate or structural fabrication, and (12) stamping, blanking, forming or drawing. The tables show the number of establishments maintaining the above metalworking operations, classified by the number of production workers usually employed in each operation during 1947.

PRODUCT SUPPLEMENT

This volume assembles all the product statistics published in the more than 100 product tables of "Volume II - Statistics by Industry". It presents in convenient reference form the 1947 and comparative 1939 statistics for approximately 6,500 products manufactured by United States industry.

PUNCH CARDS

CARD
A

Card Type	Industry	State	County	City	Area	I. Size Code	M. Size Code	V. A. Size Code	Dist. Div.	Plant Identification Number	Wages and Salaries		Employee Months		Production Workers Man-months (Year)	Value of Shipments (1000)	Added Value (1000)	Monthly Average Number of Employees	
											Production and Related Workers (1000)	Total (1000)	Production Workers Months	Total Months				Production and Related Workers	Total
0	0	0	0	0	0	0	0	0	0	0	2	3	4	5	6	7	8	0	0
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

CARD
B

Card Type	Industry	State	County	City	Area	I. Size Code	M. Size Code	V. A. Size Code	Dist. Div.	Plant Identification Number	Total Cost of Materials etc. (1000)	Inventories				Expenditures for New Plant and Equipment				Total (1000)	
												Beginning	Ending	Construction	Machinery	Pre-construction and Machinery (1000)					
0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	5	6	7	8	9	10	11
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

CARD
C

Card Type	Industry	State	County	City	Area	I. Size Code	M. Size Code	V. A. Size Code	Dist. Div.	Plant Identification Number	Employment - Pay Period Nearest October 15, 1947								Wages And Salaries For Pay Period			
											Males				Females				Total	Production	Force Account	Clerical
0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

CARD
D

Card Type	Industry	State	County	City	Area	I. Size Code	M. Size Code	V. A. Size Code	Dist. Div.	Plant Identification Number	Total Wages and Salaries - 1947				Man Hours of Production and Related Workers				Total 1947 (1000)		
											Production (1000)	Force Account (1000)	Administrative (1000)	Total (1000)	January-March (1000)	April-June (1000)	July-September (1000)	October-December (1000)			
0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	5	6	7	8	9	0	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

CARD
E

Card Type	Industry	State	County	City	Area	I. Size Code	M. Size Code	V. A. Size Code	Dist. Div.	Plant Identification Number	Total Number of Employees											
											January	February	March	April	May	June	July	August	September	October	November	December
0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

CARD
F

Card Type	Industry	State	County	City	Area	I. Size Code	M. Size Code	V. A. Size Code	Dist. Div.	Plant Identification Number	Number of Production Workers											
											January	February	March	April	May	June	July	August	September	October	November	December
0	0	0	0	0	0	0	0	0	0	0	1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

