

Truck Inventory and Use Survey (TIUS) 1977
Technical Documentation

The Bureau of Transportation Statistics

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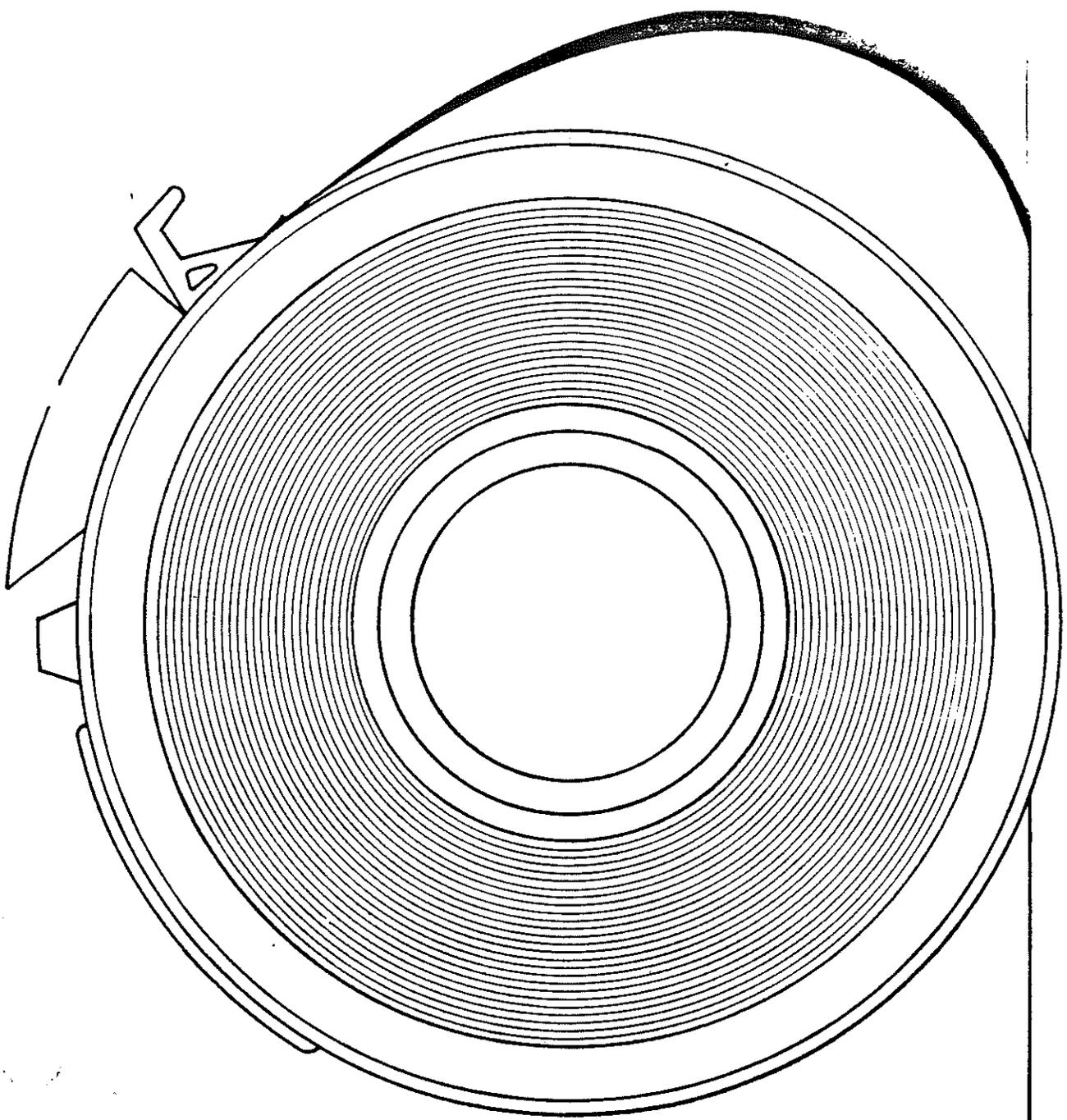
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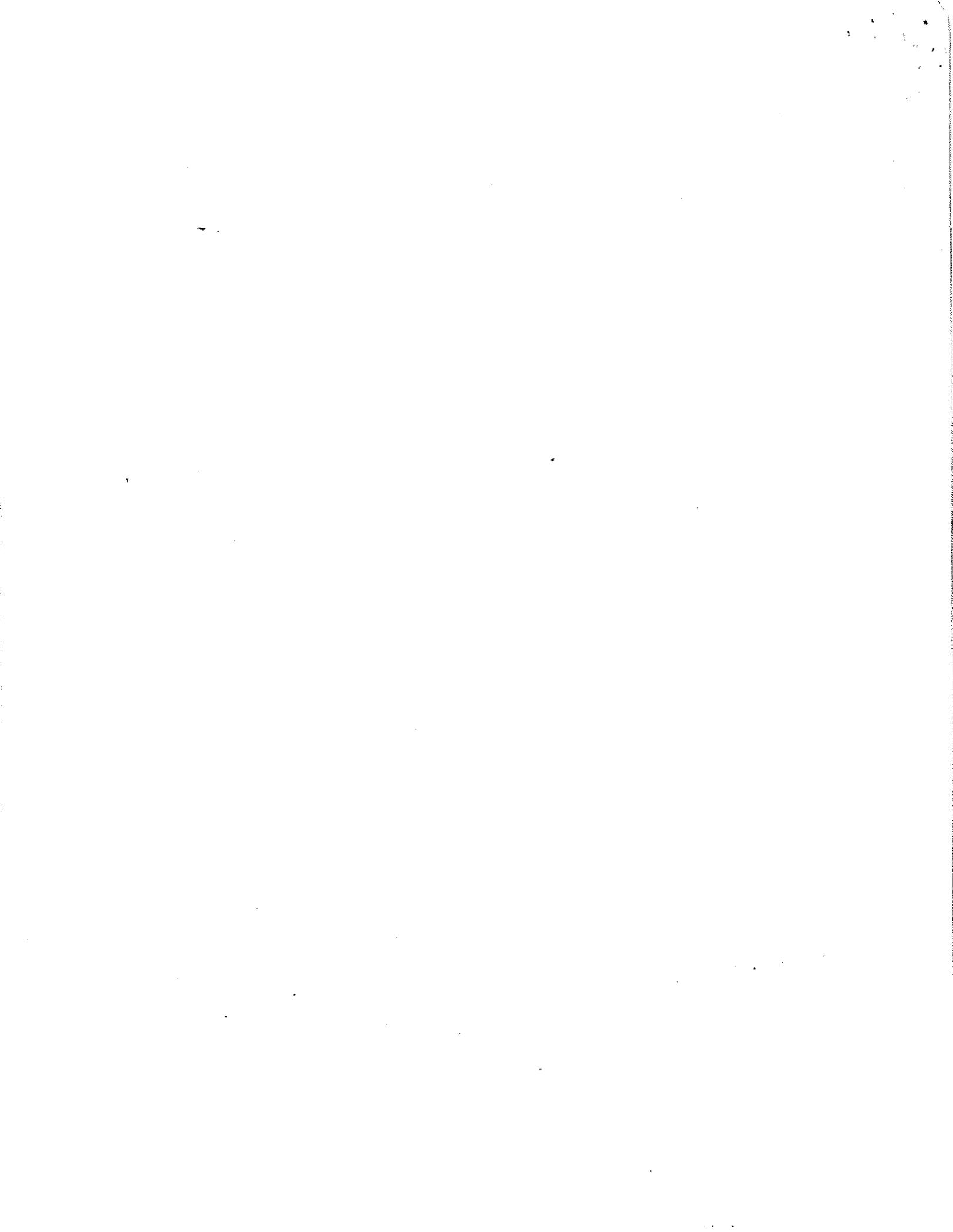
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U.S. Department of Commerce
BUREAU OF THE CENSUS
DATA USER SERVICES
DIVISION

CENSUS OF TRANSPORTATION, 1977
TRUCK INVENTORY AND USE SURVEY
TECHNICAL DOCUMENTATION



Technical Documentation



CENSUS OF TRANSPORTATION, 1977
TRUCK INVENTORY AND USE SURVEY

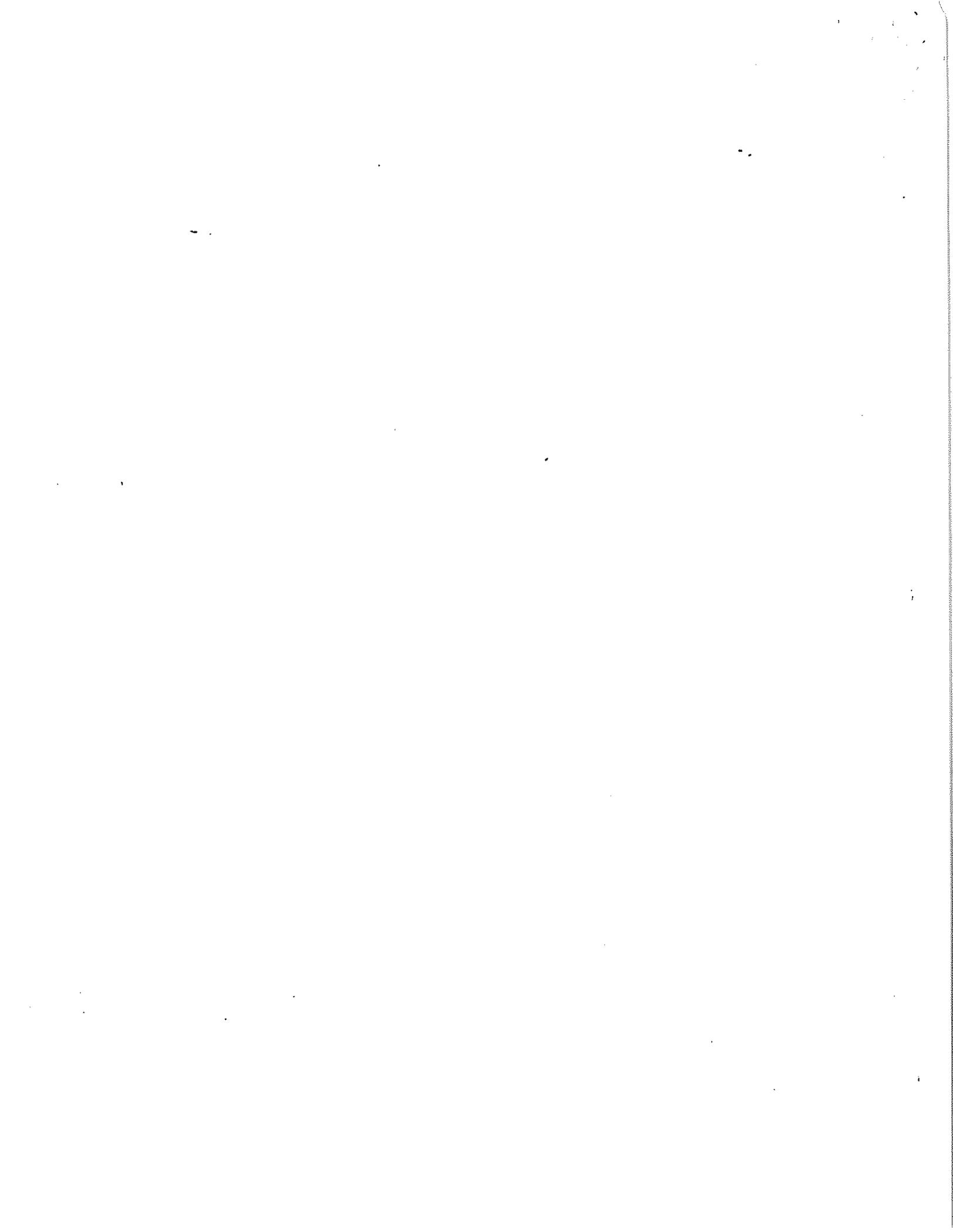
TECHNICAL DOCUMENTATION

Washington: U.S. Bureau of the Census

1979

Documentation prepared by:

Data Access and Use Staff
Data User Services Division
U.S. Bureau of the Census
Washington, D.C. 20233



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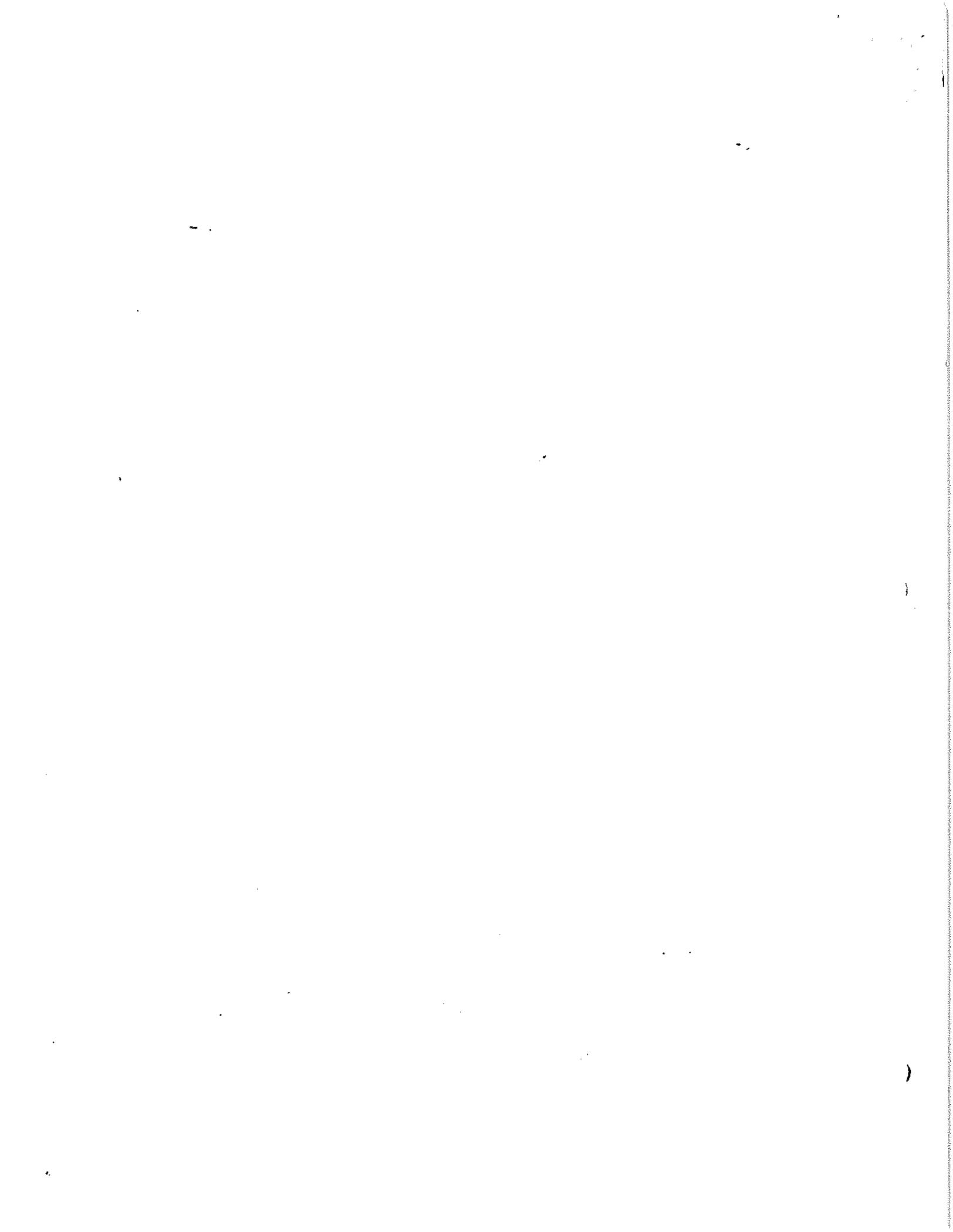
Census of Transportation, 1977
- Truck Inventory and Use Survey
[machine-readable data file] /
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* * * * *

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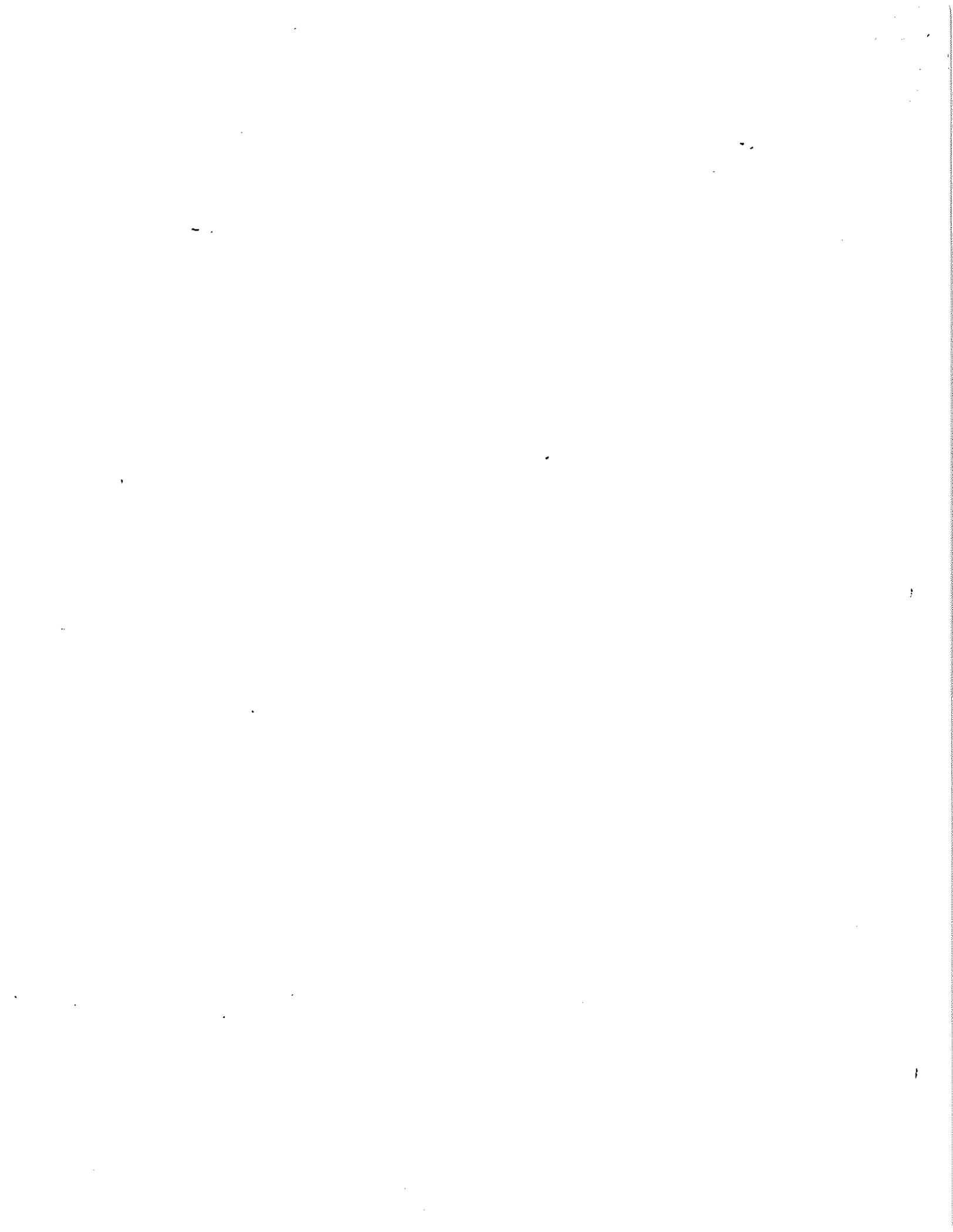


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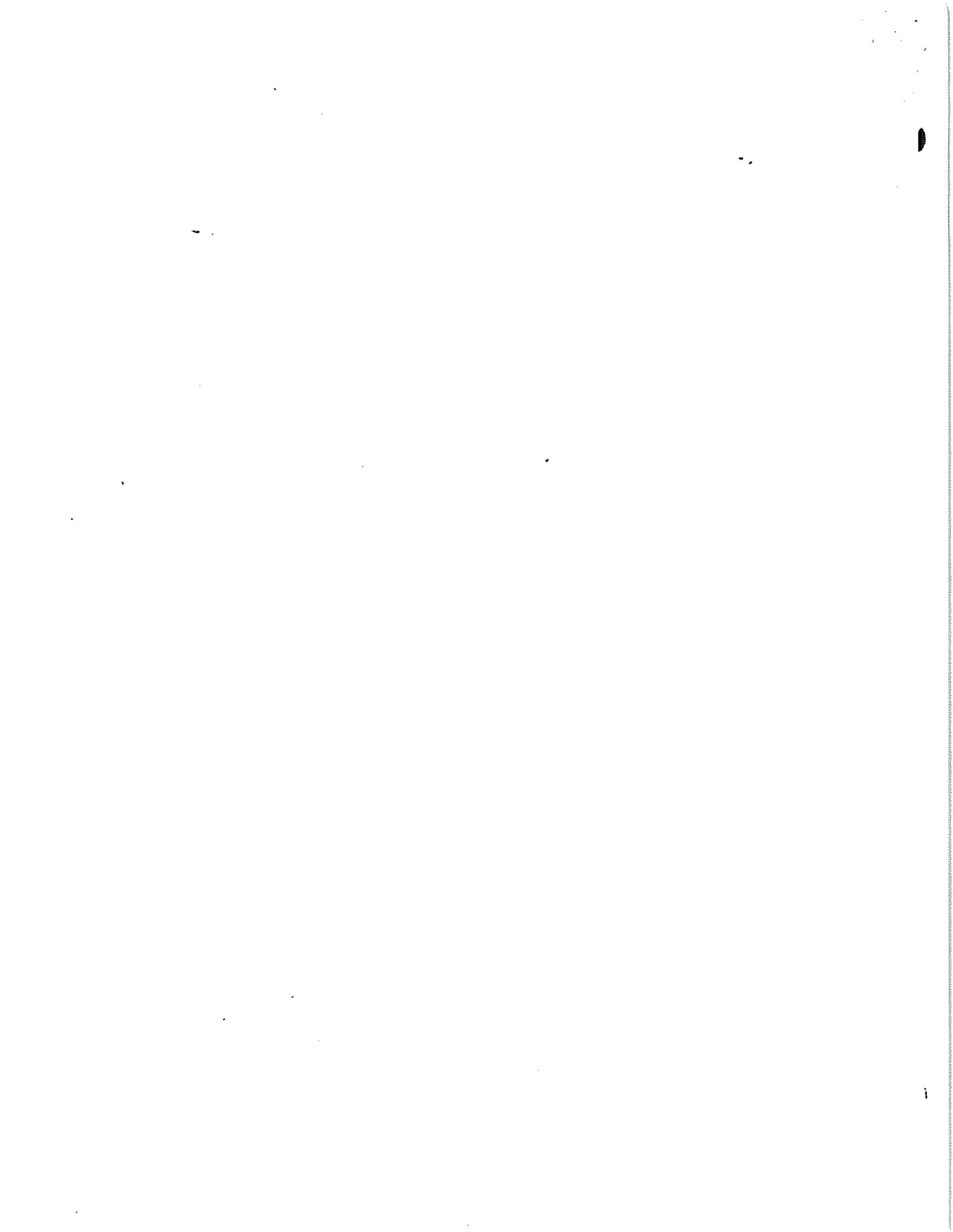
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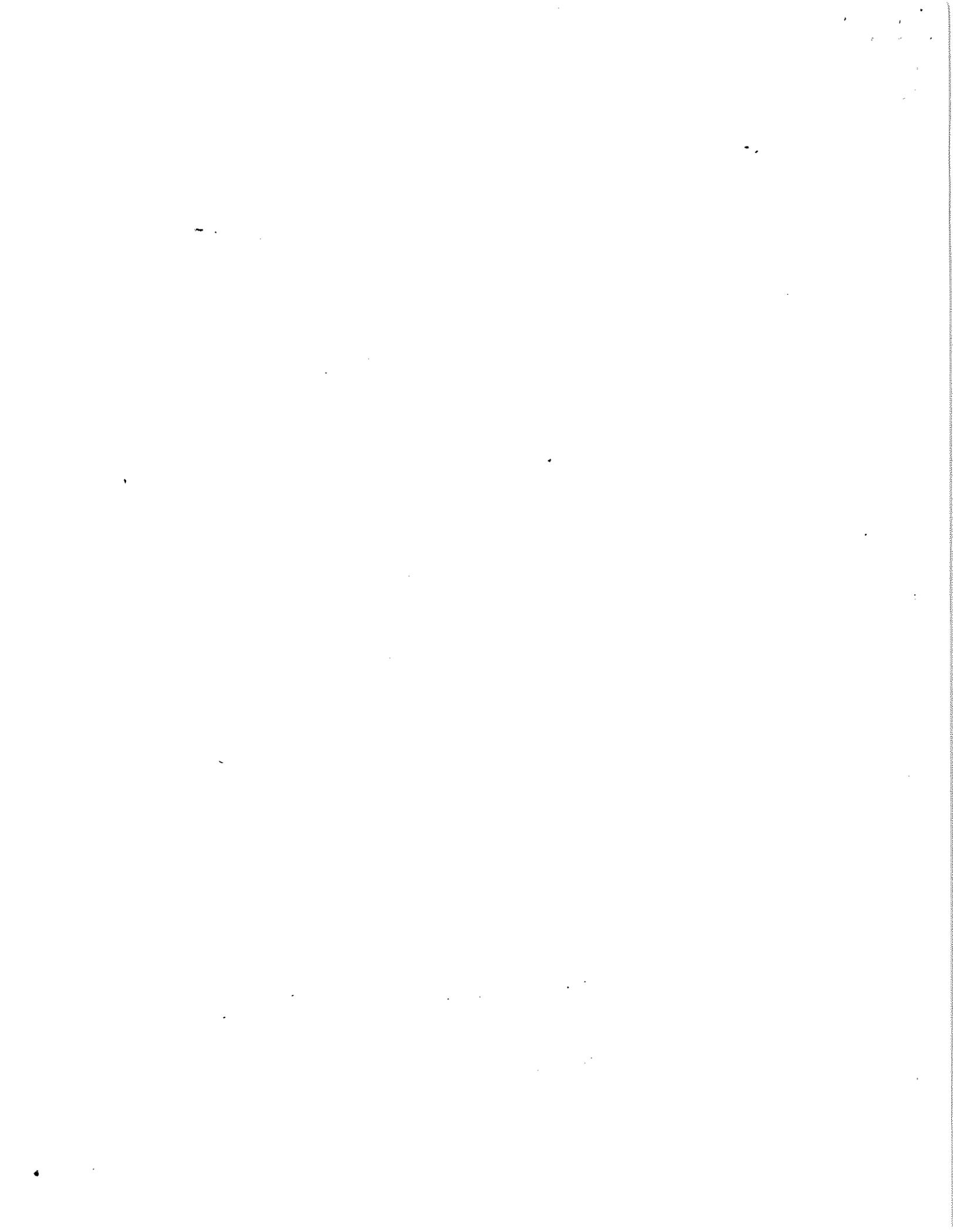
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ABSTRACT

Census of Transportation, 1977 Truck Inventory and Use Survey [machine-readable data file] / conducted by the Bureau of the Census. --Washington : The Bureau [producer and distributor], 1979.

TYPE OF FILE: Microdata

UNIVERSE DESCRIPTION:

The universe is approximately 28 million current registrations on file with motor vehicle departments in 50 States and the District of Columbia. The sample is a probability sample of 117,000 trucks.

SUBJECT-MATTER DESCRIPTION:

The data available for individual trucks include make, model, weight, and type of ownership. The following data are also available: leasing information (type, length, and options), major use and principal products carried (including percent of time carried hazardous material), maintenance information, and equipment data (engine, transmission type, brake type, power steering, fuel conservation equipment, body and vehicle type and size class, and cab type).

GEOGRAPHIC COVERAGE:

The State in which the truck is registered and the State and county of the truck is base of operation.

TECHNICAL DESCRIPTION:

FILE STRUCTURE: rectangular

FILE SIZE: 96,494 logical records; 162 character logical record length

FILE SORT SEQUENCE: FIPS state code, sample number, then serial number

REFERENCE MATERIALS:

"Census of Transportation, 1977 Truck Inventory and Use Survey Technical Documentation." Available from Customer Services Branch. When ordered separately from the file, the cost is \$5.

RELATED PRINTED REPORTS:

United States Bureau of the Census. 1977 Census of Transportation Truck Inventory and Use Survey (State) (TC 77-T-1 to -52).

This series includes a U.S. summary and a separate report for each State and the District of Columbia.

RELATED MACHINE-READABLE DATA FILES:

Census of Transportation, 1972 and 1967 Truck Inventory and Use Surveys are also available.

FILE AVAILABILITY:

This file is available on 1 reel at 9 channel, 1600 bpi. When ordering, please use order number C TRA 77 002. The file is available from:

Customer Services Branch
Data User Services Division
Bureau of the Census
Washington, D.C. 20233

OVERVIEW

Census of Transportation

Economic activity generated from travel of persons and from the transportation of goods represents one of the largest and most rapidly growing industrial sectors in the United States. In many areas of the country, travel-related services form the primary industries for providing income and jobs for many of its residents. In view of the importance of travel and transportation to the economic and social well-being of the country, it is essential that comprehensive and timely data relating to this sector be available for use by government, private industry, and others responsible for policy formation and promotional activities in the general field of travel.

The Census of Transportation, which is conducted every 5 years by the Bureau of the Census, is designed to meet some of these data needs by providing information on several aspects of travel and transportation. The 1977 Census of Transportation consists of three component survey parts: The National Travel Survey; the Truck Inventory and Use Survey; and the Commodity Transportation Survey.

National Travel Survey

The purpose of the National Travel Survey is to provide a measure of the volume and characteristics of nonlocal travel by the civilian, noninstitutional population of the United States. Data are provided on a national, regional, and State basis.

Truck Inventory and Use Survey

This survey collects data on the characteristics and operational use of the Nation's truck resources, other than vehicles owned by Federal, State, and local government agencies.

Commodity Transportation Survey

This survey provides statistics on the volume and characteristics of intercity commodity shipments originated by manufacturers. Manufacturing establishments in the 48 contiguous States and the District of Columbia are covered in this survey.

INTRODUCTION

Census of Transportation, 1977 Truck Inventory and Use Survey

Description

The Truck Inventory and Use (TIU) Survey is one of the surveys included in the Census of Transportation. Its primary purpose is to collect and publish data on the physical and operational characteristics of the Nation's truck resources.

The 1977 TIU Survey is based on a stratified probability sample of about 117,000 trucks, drawn from an estimated 28 million registrations on file with motor vehicle departments in the 50 States and the District of Columbia during 1977.^{1/} For sampling purposes, the States are divided into three groups based on the total number of trucks registered annually, and two vehicle size strata are formed based on body type (small = pickups, panels, vans; large = all others) as shown by the motor vehicle registration record. Individual trucks are sampled and expanded back to the State level.

Vehicles owned by Federal, State, and local governments, as well as ambulances, buses, and motor homes, are eliminated from the sample before questionnaires are mailed. Various other vehicles which are actually surveyed are subsequently classified as "out-of-scope": trucks sold prior to 1977, farm tractors, open jeep models, unpowered trailer units, trucks reported to have been junked or wrecked prior to the registration year, etc. For the first time, however, certain small utility-type vehicles built on pickup and van chassis are included in the sample. Many States allow pickups and small vans to be registered as cars or trucks; therefore, the passenger car files are searched, and any such trucks are included in the sample universe. Some privately or commercially owned vehicles do not have to be licensed, such as "off-highway" trucks used exclusively on private property, and since they had no chance of being drawn in the sample, they are not covered in the survey.

The public use tape contains essentially the complete detail for each truck in the sample, except for a few items that are deleted in order not to reveal the identity or activities of an individual or firm. A record for each of approximately 96,000 vehicles is contained on the tape.

^{1/}Because of variances in registration procedures, Oklahoma's sample is drawn from 1978 registrations.

Comparability

Although the basic purpose and scope of the previous TIU surveys are essentially identical to this one, some changes are introduced in 1977 that may affect all the data or just specific items.

Changes In 1977 Affecting All The Data. For all TIU surveys, the registration files maintained by the R. L. Polk Co. have served as the sampling frame from which the sample is drawn, except for a few States which are sampled directly by the Census Bureau (in 1977, Oklahoma is the sole exception).

To develop the publication totals for the 1972 and earlier surveys, the proportions derived from the sample reports are benchmarked to Federal Highway Administration (FHWA) totals of private and commercial truck registrations as reported in Highway Statistics, Table MV-1. These FHWA estimates are based on calendar year summary reports from the individual States that reflect differences in truck definitions used by the States for vehicle registration.

For 1977 this procedure is revised so that the individual State universe estimates represent the base from which the sample is drawn. Adjusted to a common July 1, 1977 date, these estimates serve as the benchmark to which the survey results are adjusted to produce the more detailed estimates shown in the published data. They are developed through a review of the characteristics of each vehicle registered in each State.

In addition, in 1977 stratification is based upon "small" vs. "large" trucks (body type), rather than "light" vs. "heavy" (registered weight), as in previous surveys. The sample is reallocated among the States with an increase in total sample size of 4 percent over 1972. Random sampling have replaced the systematic sampling of the 1972 survey.

Also in 1977, the item-by-item computer edit is extended to perform various consistency checks between data entries in an effort to identify and correct major errors and/or contradictions in reporting.

Changes In 1977 Affecting Specific Items. In Item 4 (lease characteristics) additional questions are asked concerning any lessee of the sampled truck and the nature of the lease or rental agreement.

In Item 5 (classification of operator) respondents are asked to classify their operations according to "not for hire" (either a private individual or a business transporting its own goods or services) or "for hire" (interstate or intrastate carriers).

In Item 6 (major use of the truck or combination) wholesale and retail trades are made separate items and an entry for daily rental/short term lease operations is added.

In Item 7 (products carried) trucks used for personal transportation, as craftsman's vehicles, or with special equipment (cranes, winches, etc.) each has their own entry; in 1972 they are treated collectively. Respondents are also asked to identify a secondary product carried, if any.

In Item 8 (hazardous materials) the item is added to determine the extent of hazardous materials (as defined by Federal regulations) being transported in the Nation.

In Item 9 (base operation) and Item 11 (area of operation) both items are expanded to provide more precise information concerning the percentage of miles traveled within the State where the sampled truck is based and the range of that travel. In addition to "local" and "over-the-road," an "off-the-road" category is included.

In Item 12 (vehicle miles and miles per gallon) an effort is made for the first time to determine fuel efficiency figures for trucks in addition to annual and lifetime miles.

In Item 13 (maintenance) specific examples of "major maintenance" were listed along with the previous question on... where such maintenance is performed.

In Items 15-20 (various physical characteristics) in an effort to get a more detailed picture of each sampled truck, several new questions are added covering number of cylinders, cubic inch displacement, horsepower rating, type of transmission and braking system, fuel conservation equipment, etc.

In Item 21 (type and size of body) boat transports and mobile home pullers are added to the list, and lowboys are made a separate category (rather than being included with other platforms). Garbage haulers and cement mixers are given subgroups according to the various models generally in use.

In Item 25 (cab type) the item is expanded to five of the most common cab types. It also inquired whether the sampled cab contains a sleeping unit.

Sample Design

The Truck Inventory and Use Survey (at the national level) is based on a stratified probability sample of about 117,000 trucks drawn from an estimated universe of approximately 28 million current registrations on file with motor vehicle departments in the 50 States and the District of Columbia.

Based on the total number of trucks registered annually, the States are divided into three groups:

1. Large States--over 1.5 million trucks.
2. Medium States--700,000 to 1.5 million trucks.
3. Small States--Less than 700,000 trucks.

A separate sample is selected in each State, stratified into "small" trucks and "large" trucks. The "small" truck stratum consist of pickups, panel trucks, vans, multi-steps, and walk-ins with a gross vehicle weight of 14,000 pounds or less. All other vehicles are classified as "large." Within each stratum, a random sample of vehicles is selected.

Figure 1 breaks down the total target sample size of 116,400 by state groups and truck size. Column 1 indicates the total target sample size for each state group. Column 2 indicates the total target sample size for each state in that group. Columns 3 and 4 break that total down for large and small trucks.

The allocation of the sample within the States is based on setting levels which would produce the best estimates in a published category. From previous experience, it is determined that a level sample of 600 trucks from the small truck stratum would be sufficient in every State except California, Texas, and the District of Columbia.

In the large truck stratum, a differential sampling rate is employed based on the percentage of large trucks in the State.

Figure 1. Trucks in Target Sample

	Per State				States in Strata
	Total Trucks	Total Trucks	Large Trucks	Small Trucks	
Large States...	8,000	4,000	3,000	1,000	2-Calif., Tex.
Medium States..	28,000	2,800	2,200	600	10-Fla., Ga., Ill., Ind., Mich., Mo., N.Y., Ohio, Okla., Pa.
Small States...	10,400	2,600	2,000	600	4-N.J., N.C., N.Dak., Oreg.
	41,800	2,200	1,600	600	19-Ala., Conn., Del., Hawaii, Iowa, Kans., Ky., La., Md., Mass., Minn., Mont., Neb., N.H., R.I., S.C., S.Dak., Wyo., Va.
	27,000	1,800	1,200	600	15-Alaska, Ark., Ariz., Colo., Idaho, Maine, Miss., Nev., N.Mex., Tenn., Utah, Vt., Wash., Wis., W.Va.
	1,200	1,200	900	300	1-D.C.

Survey Method

Report Form TC-200 is mailed to owners of those trucks selected for the 1977 TIU sample. The owner is asked to respond only for the vehicle identified by license number in item 1 of the report form, whether or not he or she is still the owner. Item 1 data (make, year model, registered weight, license number, vehicle identification number) are imprinted on the form from the State registration records. The returned questionnaires are manually edited and coded. The information received is data-keyed and processed through an extensive computer edit. Reports which contained questionable responses are referred and corrected if necessary. Estimates of the number of trucks with each characteristic are obtained by expanding the sampled units to the State truck population level.

GLOSSARY OF TERMS

Census of Transportation, 1977 Truck Inventory and Use Survey

Annual Miles. Respondents are asked to report the total number of miles the truck is driven during the past 12 months. If the vehicle has less than 1 year's use, the respondent is asked to estimate the probable miles for a full year. If there is no response to the item, the annual miles are imputed (based on lifetime miles, length of time the vehicle is owned, body type, area of operation, vehicle type, and fuel type).

Body Type. This category includes the type of body that is either permanently attached to the power unit (i.e., straight truck) or most frequently used with a truck tractor as a tractor-trailer combination. Entries in the "Other" category are recoded if possible to a specific category. Those vehicles remaining in the "Other" category include yard tractors and truck tractors used in house moving.

Hazardous Materials. This category is designed to identify those trucks which regularly transport hazardous materials in quantities large enough to require a placard under the Code of Federal Regulations, Title 49, Transportation.

Lifetime Miles. Respondents are also asked to report the total lifetime miles recorded on the vehicle's odometer, and they often have to estimate these figures (generally due to faulty odometers or inaccessibility to vehicles which are leased or sold). If there is no response to this question, lifetime miles are imputed (based on annual miles, length of time the vehicle is owned, etc.).

Major Use. This item is based on the answer to the question, "How was the vehicle mostly used during the past 12 months?" (See item 6 of the survey form). Each of the 12 specific major use categories conforms to the generally accepted meaning of the terms. Responses to the "Other" category are recoded to one of the 12 specific categories if possible. The following are frequent "Other" responses which are recoded:

1. House moving is recoded to "For hire transportation."
2. Trucks used in conjunction with railroads are recoded to "For hire transportation."
3. Armored car services are recoded to "Services."
4. Commercial fishing is recoded to "Agriculture."
5. Oil field services are recoded to "Mining and quarrying."
6. Certain specialized activities commonly thought of as services, such as plumbing, painting, plastering, carpentry, and electrical work, are recoded to "Construction."

U.S. mail service, United Parcel Service delivery, antique trucks, and yard tractors are left in "Other."

The category "Not in Use" in the tables includes vehicles which, though licensed, are not used during the survey year, and those vehicles which are wrecked during the entire year.

Operator Classification. This item consists of two major categories, not for hire and for hire:

Not for hire--Includes a private owner or a company which transports its own materials or merchandise.

For hire--includes the following:

1. Interstate, exempt carrier, includes those operators who are not required to have an I.C.C. certificate because they transport only exempt commodities or operate in an exempt zone.
2. Interstate, I.C.C. certified contract carrier, includes those operators who carry the goods of someone other than the vehicle owner by individual contract or agreement.
3. Interstate, I.C.C. certified common carrier, includes those operators who offer service to the general public usually operating a regularly scheduled service between established terminals over a more or less regular route.
4. Intrastate, local cartage, includes those operators who travel only within the State of registration or are engaged in local cartage.
5. Daily rental includes those operators who offer short term truck rental or leasing without a driver. (This category is created during the data processing of the survey forms. Respondents who checked "daily rental or short-term lease" under the "major use" item are assigned "daily rental" under "classification of operator.")

Products Carried. This item includes broad classifications of agricultural, manufacturing, and mineral products, as well as special categories of materials carried by trucks. Responses to the "Other" category are recoded to one of the 22 specific categories if possible. The following are frequent "Other" responses which are recoded:

1. Crews of workers and their tools are recoded to "Craftsman's vehicle."
2. Flowers, trees, shrubs, etc., are recoded to "Farm products."
3. Animal by-products are recoded to "Scrap, refuse, or garbage."
4. Clay is recoded to "Mining products."
5. Auto parts (including tires) are recoded to "Transportation equipment."

Dirt, sporting goods, caskets, unspecified fiber glass products, house moving, and manufactured plastic products are left in "Other."

Range of Operation. The area in which the vehicle usually operates is classified as one of the following:

1. Local--Mostly in the local area, i.e., in or around the city and suburbs, or within a short distance of the farm, factory, mine, or other place where the vehicle is stationed.
2. Short range--Mostly over the road (beyond the local area), but usually not more than 200 miles one way to the most distant stop from the place where the vehicle is stationed.
3. Long range--Mostly over the road, usually more than 200 miles one way to the most distant stop from the place where the vehicle is stationed.
4. Off-the-road--Mostly off the road operation (usually associated with construction and farming).

Truck Fleet Size. The size of the truck fleet is based on the number of trucks operated by a truck owner from a single "base of operation" (see item 9 of the survey form). The fleet located at the "base of operation" is an operational unit and is necessarily smaller than the total fleet that an owner has if he operates from more than one base. The data shown in the "truck fleet size" section of the tables are based on the number of trucks found in fleets of specified size and not the number of fleets. (If item 10 of the survey form was unanswered, the vehicle is assumed to be in a fleet of one, classified in accordance with the reported vehicle type.)

Vehicle Size. The size classification is based on the gross vehicle weight (empty weight of the vehicle plus the maximum carried load) at which the vehicle operated during the past 12 months. The four size classes are:

1. Light--Gross vehicle weight of 10,000 pounds or less.
2. Medium--Gross vehicle weight of 10,001 to 19,500.
3. Light-heavy--Gross vehicle weight of 19,501 to 26,000.
4. Heavy-heavy--Gross vehicle weight of 26,001 pounds or more.

RELIABILITY OF ESTIMATES

Census of Transportation, 1977 Truck Inventory and Use Survey

Sampling and Nonsampling Errors.

Estimates derived from the sample trucks on the Public Use Tape will differ from estimates which would have been obtained from a complete census. Two types of possible errors are associated with estimates based on data from sample surveys: sampling errors and nonsampling errors. The accuracy of a survey result depends not only on the sampling errors and nonsampling errors measured, but also on the nonsampling errors not explicitly measured. For particular estimates, the total error may considerably exceed the standard errors calculated. The following is a description of the sampling and nonsampling errors associated with the estimates made from the sample selected for the Truck Inventory and Use Survey, 1977.

Sampling Errors. The particular sample used in this survey is one of a large number of all possible samples of the same size that could have been selected using the same sample design. Estimates derived from the different samples would differ from each other. The standard error or sampling error is a measure of the variation among the estimates from all possible samples. Standard errors calculated from the sample estimate the sampling variability and thus measure the precision with which an estimate from the particular sample selected for this survey approximates the average result of all possible samples.

Nonsampling Errors. All surveys and censuses are subject to nonsampling errors. Nonsampling errors can be attributed to many sources: inability to obtain responses from all cases in the sample, inability or unwillingness on the part of respondents to provide correct information, imputation for item nonresponse, response errors and bias, mistakes in recording or keying data, errors of collection or processing, difficulty interpreting questions, and coverage problems due to differing registration practices and implementation in some of the States. In addition to response errors, some degree of response variability is introduced when respondents estimate values.

Explicit measures of the effects of these nonsampling errors are not available. However, it is believed that most of the important operational and response errors are detected and corrected through a systematic clerical edit and an automated data edit designed to review the data for reasonableness and consistency. Quality control techniques are used to verify that operating procedures are carried out as specified.

Nearly all types of nonsampling errors that affect this survey also occur in a complete census. Since surveys are conducted on a smaller scale than censuses, nonsampling errors can be controlled more tightly. Relatively more funds and effort can be expended toward eliciting responses, detecting and correcting response error, and reducing processing errors. As a result, survey results can often be more accurate than census results.

Response Rate.

Approximately eighty percent of the questionnaires are returned, with item response rates in excess of 95 percent for most of the major questions. For most estimates in the published tables, total nonresponse is handled by allocating the unreturned questionnaires in proportion to the respondents. For each category in the published tables, the item nonresponse (respondents not answering the item on the questionnaires) is given on a separate line. For example, respondents who did not indicate the major use of their truck are included in the "not reported" category. The number given represents the number of trucks not allocated to a particular major use. Users should exercise caution in allocating these trucks to the major uses, since the characteristics of item nonrespondents may differ significantly from those of the respondents.

For some items, a response is generated to fill a blank on the questionnaire. Any biases introduced by the imputation and correction procedures are small compared to the standard errors involved.

Calculation of Estimates and Standard Errors.

To estimate the number of trucks with a particular characteristic within any one State, the following formula can be used:

$$\text{Number of trucks} = A = \sum_i W_s + \sum_j W_b$$

Where \sum_i indicates the sum over all small trucks in this State with this particular characteristic.

\sum_j indicates the sum over all large trucks in this State with this particular characteristic.

W_s is the sampling weight for small trucks in this State, and is in the record for each truck.

W_b is the sampling weight for large trucks in this State, and is in the record for each truck.

An estimated variance of the estimated number of trucks (A) is:

$$v(A) = \sum_i W_s^2 - \frac{1}{n_s} (\sum_i W_s)^2 = \sum_j W_b^2 - \frac{1}{n_b} (\sum_j W_b)^2$$

Where n_s , n_b are the number of responses in the small and the large truck stratum in this State, and are available in each truck's record.

An estimated standard error of the estimated number of trucks (A) is the square root of the estimated variance:

$$SE(A) = \sqrt{v(A)}$$

Estimates of the number of trucks for 2 or more States, including the U.S. Summary are derived by adding the estimates of each State. The standard error of the estimated number of trucks for 2 or more States is derived by adding the variance estimates of each State and then taking the square root.

To estimate the number of truck miles with a particular characteristic, the above formulas need to be made slightly more general:

$$\text{Estimated number of miles} = \hat{Y} = \sum_i W_s y_{is} + \sum_j W_b y_{jb}$$

where y_{is} is the number of miles for truck i

y_{jb} is the number of miles for truck j

$$v(\hat{Y}) = \sum_i W_s^2 y_{is}^2 - \frac{1}{n_s} (\sum_i W_s y_{is})^2 + \sum_j W_b y_{jb}^2 - \frac{1}{n_b} (\sum_j W_b y_{jb})^2$$

To calculate standard errors for sums, differences, ratios, and percents refer to appendix C of any Truck Inventory and Use Survey publication.

Note: The estimated standard errors may not be exactly the same as those in the Truck Inventory and Use Survey publications. However, they are a reasonable approximation of the publication standard errors.

DATA LIMITATIONS

There are certain items on this file which should be used with caution. These are listed below:

Vehicle Identification Numbers (VIN). Caution should be used in analyzing these VIN's. Only the first 6 or 7 digits are used, so as to avoid identifying respondents, and some VIN's may be incomplete or have numbers and/or letters transposed.

Cubic Inch Displacement and Horsepower Rating. The response rate for these items, especially horsepower, is below normal. In addition, respondents frequently confused cubic inch displacement with horse power ratings and vice versa. Considerable effort was made to correct any such cases, but because of certain similarities in acceptable numerical ranges for both categories, not all errors could be detected. In general respondents indicated varying degrees of familiarity with the specifications of their vehicle's engines, and many estimates are no doubt entered on the questionnaires.

Braking System. Because some "light" truck respondents are apparently unfamiliar with braking system terminology, they occasionally checked "Other" for power-assisted, disc and vacuum-hydraulic brakes when, in fact, these and other types common to relatively small trucks should have been classified under "hydraulic."

Truck Fleet Size. In some cases, respondents misclassified the trucks they reported (some straight-truck owners, for example, regarded their vehicles as pickups, and vice versa) or failed to include the sampled vehicle in the reported fleet. These errors, whenever detected were corrected, but several may have passed through editing procedures.

QUESTIONNAIRE FACSIMILE

DUPLICATE IS DATED AFTER RECEIPT OF FORM

Form Approved: O.M.B. Number 41-576073

Form TC-308
(10-6-77)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

NOTICE - Response to this survey is required by law (107013, U.S. Code). By the same law your report to the Census Bureau is confidential. It may be used only by sworn Census employees and may be used only for statistical purposes. The law also provides that answers furnished in your files are immune from legal process.

In approximately pertaining to this report, please refer to this census number.

TRUCK INVENTORY AND USE SURVEY 1977 CENSUS OF TRANSPORTATION

INSTRUCTIONS

In correspondence pertaining to this report, please include State and license number and the census number shown in the address label.
Return the form in the enclosed preaddressed envelope not later than 15 days after receipt.

RETURN TO

Bureau of the Census
1201 East Tenth Street
Jeffersonville, Indiana 47132

Please correct any error in name and address including ZIP code.

Section A - VEHICLE IDENTIFICATION AND USE

Item 1 - VEHICLE IDENTIFICATION (Please correct any errors or omissions in the identification of the vehicle)

Make	Year of model	Registered weight or class	State	License number	Vehicle identification number

NOTE: Please complete this form whether or not you are still the owner of the vehicle identified in item 1.

Item 2 - OWNERSHIP OF VEHICLE

Are you still the owner (or license holder) or lessee of this vehicle?

- 1 Yes
2 No - When did you sell, trade, or otherwise dispose of it? →
- | Month | Year |
|-------|------|
| | |

Item 3 - ACQUISITION OF VEHICLE

A. How did you acquire this vehicle?

- 1 Purchased new
2 Purchased used
3 Leased (for someone else)

A. When did you acquire this vehicle? →

Month	Year

C. During past 12 months was this vehicle leased or rented to others?

- 1 Yes
2 No

D. How was this vehicle leased or rented?

- 1 Without driver
2 With driver or as owner operator

Item 4 - LEASE CHARACTERISTICS

A. Was the lease -

- 1 Private (non-government)?
2 Unit of government?

B. What is the length of lease or rental agreement?

- 1 Less than 30 days
2 30 days to 1 year
3 1-3 years
4 More than 3 years

C. Does your agreement include -

- 1 Financing?
2 Maintenance?
3 Prepayment and sale?

Item 5 - CLASSIFICATION OF OPERATOR

Mark (X) the box which is the most appropriate for your type of operation

- For hire -**
1 Private owner or an individual, or company which just transports its own materials or merchandise, includes an individual or a business such as a bakery, or company, or soft drink bottler.

- For hire -**
1 Interstate - common carrier that requires to have an I.C.C. certificate because only certain commodities are transported, such as: fresh agricultural products, fish, newspapers, or air freight haulage;
2 Interstate - I.C.C. certified contract carrier (carrying the goods of other than the owner or individual contract or agreement);
3 Interstate - I.C.C. certified common carrier (offering service to the general public, usually operating a regularly scheduled service between established terminals over a more or less regular route);
4 Interstate - operating only within the State of registration (including local cartage, "hopping" between locations in the same town, city or suburb).

Item 6 - MAJOR USE OF THE TRUCK OR COMBINATION

Mark (X) the box which is the most frequently used during the past 12 months. (X) ONE box. If the vehicle was leased to someone else mark (X) ONE box that describes the business of the person or company to whom you leased the vehicle the longest time.

- 61 On farm or ranch, or other agricultural activity
62 In forestry or lumbering
63 In mining or quarrying
64 In construction - building of roads
65 In manufacturing, refining, or processing
66 In wholesale trade
67 In retail trade
68 For hire transportation - mixed or general cargo
69 In utilities - telephone, electric, gas, etc.
70 In services - taxi, automobile rental, laundry, funeral services, advertising, plumbing, refuse collection, "other, etc."
71 Daily rental or short term lease, without driver
72 For personal transportation - used in place of an automobile to go from home to work (or summer recreation, camping, etc.)
73 Other - if none of the above applies to you and you must use the vehicle, describe the major use of the vehicle here.

Item 7 - PRODUCTS CARRIED

A. Principal products carried during past 12 months

Mark (X) ONE box which indicates products usually carried by this vehicle

- 01 Farm products (crops and fruits, raw milk, etc.)
02 Live animals (horses, livestock, poultry or other animals)
03 Mining products
04 Logs and other forest products
05 Processed foods (canned meat, beverages, dairy products, etc.) or tobacco
06 Textile mill products including apparel and leather goods, etc.
07 Building materials (lumber, millwork, stone, gravel, glass, concrete, etc.)
08 Newspaper goods (mailing)
09 Furniture or hardware (not including household goods moving)
10 Paper products, including printing and publishing products
11 Chemicals or related products, including drugs, paints, fertilizers, etc.
12 Petroleum or petroleum products
13 Primary metal products (ingots, billets, pipes, sheets, etc.)
14 Fabricated metal products (except machinery and transportation equipment)
15 Machinery, except electrical
16 Electrical machinery, equipment, and supplies, including household appliances
17 Transportation equipment (motor vehicles, trailers, boats, motorcycles, etc.)
18 Scrap, refuse, or garbage
19 Mixed cargoes
20 Contractor's vehicle, such as plumbers, carpenters, "trucking workloads," etc.
21 Special equipment such as a crane, compressor, wash, drilling rig, etc.
22 No products carried (personal transportation)
23 Other - Describe

B. Secondary product carried (if applicable)

Of the 114 above, what would you consider to be the secondary product most carried by this vehicle? →

Code No.

Item 8 - HAZARDOUS MATERIALS

A. Was this truck or combination used to haul hazardous materials during the past 12 months in an activity large enough to require a placard under the Code of Federal Regulations, Title 49, Transportation?

- 1 No - See IP in item 9
2 Yes - Continue with 9

B. Approximately what percent of the time was this unit used to haul hazardous materials?

- 1 Less than 25%
2 25-49%
3 50-74%
4 75-100%

Section B - OPERATIONAL CHARACTERISTICS

Item 9 - BASE OF OPERATION

A. What was the principal place from which this vehicle was operated?

City or town	
County	State

B. What percentage of the miles traveled by this vehicle was within the State named in item 9A?

- 1 Below 25% 3 50-74%
2 25-49% 4 75-100%

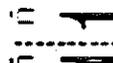
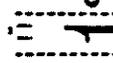
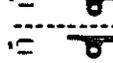
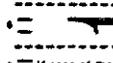
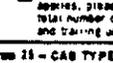
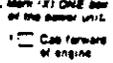
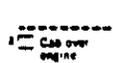
Item 10 - NUMBER OF TRUCKS, TRUCK-TRACTORS AND TRAILERS OPERATED FROM "BASE OF OPERATION"

How many trucks, truck-tractors and trailers are you operating from base named in item 9A?

	Total number
A. Pickup vans (personal, multi-tenant)	
B. Other straight trucks	
C. Truck-tractors	
D. Trailers (semi- and full trailers)	

CONTINUE ON REVERSE SIDE

QUESTIONNAIRE FACSIMILE (con't)

Section B - OPERATIONAL CHARACTERISTICS - Con.	Section C - PHYSICAL CHARACTERISTICS - Con.	Section C - PHYSICAL CHARACTERISTICS - Con.
Item 11 - AREA OF OPERATION Where was this vehicle mostly operated? Mark (X) ONE box only. 1. Mostly in the local area or around the city and suburbs or within a short distance of the farm, factory, home, or place vehicle is stationed. 2. Mostly over-district beyond the local area but not usually more than 200 miles one way to the point of origin from the place vehicle is stationed. 3. Mostly over-district trips that are usually more than 200 miles one way to the most distant area from the place the vehicle is stationed. 4. Mostly off-district operations as is usually associated with construction and farming operations.	Item 21 - TYPE AND SIZE OF BODY Mark (X) ONE box to describe the type of body or combination. If the power unit is a truck-trailer, report every type of the combination most frequently used with the power unit. BODY TYPE 01. Pick-up truck 02. Panel truck or van 03. Multi-tilt or walk-in 04. Box, flat bed, panel, multi-tilt or walk-in truck with 6-wheel drive 05. Yes <input type="checkbox"/> No <input type="checkbox"/> 06. What is the number of axles on vehicle? 1. Two 2. Three 07. Is the engine, panel, multi-tilt or walk-in truck equipped with a: 1. Slant air cleaner? Mark (X) Col. (1) or (2) 2. Pickup dash cover? SKIP TO item 26 3. Canvas body? SKIP TO item 26 4. None of above 08. Platform with special devices, such as elevators, dumpers, lifts, etc. 09. Low boy or depressed center 10. Other platform - including grain platform, high bed, slant 07. Cattle rack, hog, calves, and other livestock 08. Intermediate non-refrigerated van 09. Insulated refrigerated van 10. Furniture van 11. Open top van 12. All other enclosed vans 13. Beverage 14. Utility body equipped for mobile repair and service, e.g., telephone line truck, electric utility, etc. 15. Which or crane other than wrecker including roll on, roll off 16. Wrecker 17. Pole or logging 18. Auto transport 19. Boat transport 20. Mobile home trailers 21. Carriage or horse trailer 22. Front loader 23. Rear loader tractor 24. Roll off 25. Other truck or combination LENGTH OF LOAD SPACE OR CAPACITY Mark (X) ONE box to report length of load space or capacity. If two or more loading units, mark (X) for compressed length or capacity. Length of load space (feet) 01. Less than 7 feet 02. 7 and less than 10 03. 10 and less than 13 04. 13 and less than 16 05. 16 and less than 20 06. 20 and less than 23 07. 23 and less than 26 08. 26 and less than 31 09. Less than 7 feet 10. 7 and less than 10 11. 10 and less than 13 12. 13 and less than 16 13. 16 and less than 20 14. 20 and less than 25 15. 25 and less than 31 16. 31 and less than 41 17. 41 and less than 46 18. 46 and less than 73 19. 73 or more Capacity of horse trailer (Cubic yards) 01. Less than 20 02. 20 to 25 03. 26 and over Capacity of dump trailer (Cubic yards) 01. Under 5 02. 5 to 6.5 03. 7 to 9.5 04. 10 to 11.9 05. 12 to 14.9 06. 15 to 17.9 07. 18 to 19.9 08. 20 to 23.9 09. 24 or more Capacity of other trailer (Cubic yards) 01. Less than 300 02. 300 to 399 03. 400 to 499 04. 500 to 599 05. 600 to 699 06. 700 to 799 07. 800 to 899 08. 900 to 999 09. 1,000 to 1,099 10. 1,100 or more Capacity of mixer (Cubic yards) 01. Less than 6 02. 6 to 6.5 03. 7 to 7.5 04. 8 to 8.5 05. 9 to 9.5 06. 10 to 10.5 07. 11 to 11.5 08. 12 or over Other body types - If the above description does not satisfactorily describe your vehicle, give identifying body type and size or capacity.	Item 22 - POWERED AXLES Mark every driving (powered) axle that this vehicle has? Report powered axles as to the axle. 1. One 2. Two 3. Three 4. Four Item 23 - VEHICLE TYPE Mark (X) ONE box which best describes your vehicle. Single unit truck 1. Two axle 2. Three axle 3. Other Truck trailer 4. Two axle 5. Three axle 6. Other SKIP TO item 25 CONTINUE WITH item 24
Item 12 - VEHICLE MILES AND MILES PER GALLON ANNUAL MILES a. What are the total miles this vehicle has driven during the past 12 months? If vehicle was "in the yard" over "none" or "none" less than 12 months, estimate probable miles for a year. Miles LIFETIME MILES b. What are the total miles this vehicle has been driven since new? Give manufacturer's estimated mileage or, if not indicated by manufacturer, give your best estimate. Miles MILES PER GALLON c. What was the average miles per gallon you received from this vehicle? Miles per gallon d. Is the figure entered in 12c above measured or estimated? 1. Measured from records 2. Estimated	Item 24 - AXLE ARRANGEMENT OF TRAILER UNITS Mark (X) ONE box that illustrates the axle arrangement of the trailer unit most frequently used with the power unit. 1.  2.  3.  4.  5.  6.  7.  8.  9. If none of the above applies, please show total number of axles and trailing units. Total axles: _____ Total trailing units: _____	
Item 13 - MAINTENANCE a. Was major maintenance performed on the following equipment of this vehicle during the past 12 months? 1. Engine 2. Transmission 3. Braking system 4. Rear axle and differential 5. None of the above b. By whom was this major maintenance performed - 1. Yourself or own repair shop set up specifically for maintenance? 2. Truck dealer? 3. Factory branch? 4. Lasing company? 5. Independent garage? 6. Other - Describe.	Item 25 - CAB TYPE a. Mark (X) ONE box that illustrates the cab type of the power unit. 1. Cab forward of engine 2. Cab over engine 3. Short hood conventional 4. Medium hood conventional 5. Long hood conventional 6. Other - Describe b. Is this cab equipped with a sleeper unit? 1. Yes 2. No Remarks: _____ Name: _____ Address - Number and street, city, State, ZIP code: _____ Telephone - Area code, Number, Extension: _____ Fleet number of vehicle: _____	
Section C - PHYSICAL CHARACTERISTICS Item 14 - GROSS WEIGHT Mark (X) ONE box that nearest the maximum gross weight in pounds empty weight of vehicle plus carried load at which this truck or combination was operated during the past 12 months. If straight truck report GVW, if combination report GCW. 01. 6,000 or less 02. 8,001 to 10,000 03. 10,001 to 14,000 04. 14,001 to 18,000 05. 18,001 to 19,500 06. 19,501 to 26,000 07. 26,001 to 33,000 08. 33,001 to 40,000 09. 40,001 to 50,000 10. 50,001 to 60,000 11. 60,001 to 80,000 12. 80,001 to 100,000 13. 100,001 to 130,000 14. 130,001 and over	Item 15 - TYPE AND SIZE OF ENGINE a. Type of engine Mark (X) ONE box that describes the type of engine used in this vehicle. 1. Gasoline 2. Diesel 3. LPG or other b. Size of engine Mark (X) ONE box that describes the number of cylinders in the engine used in this vehicle. 1. Four 2. Six 3. Eight 4. Other c. What is the displacement of the engine in cubic inches? Cubic inches d. What is the horsepower rating of your engine? Horsepower	Item 16 - TYPE OF TRANSMISSION Mark (X) ONE box that describes the type of transmission used in this vehicle. 1. Manual 2. Automatic 3. Semi-automatic
Item 17 - TYPE OF BRAKING SYSTEM a. Mark (X) ONE box that describes the type of braking system used in this vehicle. 1. Hydraulic 2. Air 3. Other b. Does this system also include the new anti-lock brake device? 1. Yes 2. No	Item 18 - POWER STEERING Does this vehicle have power steering? 1. Yes 2. No	Item 19 - FUEL CONSERVATION EQUIPMENT Does this vehicle have the following equipment? Mark (X) ALL applicable items. 1. Radiator fan 2. Drag reduction device (in line of cab) 3. Variable speed fan clutch fan 4. Fuel efficient engine RPM reduction, etc. 5. Air or drive shaft change
Item 20 - AIR CONDITIONING Is this vehicle air conditioned? 1. Yes 2. No	Item 26 - PERSON TO CONTACT REGARDING THIS REPORT Name: _____ Address - Number and street, city, State, ZIP code: _____ Telephone - Area code, Number, Extension: _____ Fleet number of vehicle: _____ Item 27 - CERTIFICATION This report is substantially accurate and has been prepared in accordance with instructions. Signature: _____ Title: _____ Date: _____	

TRUCK INVENTORY & USE SURVEY 1977

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HOW TO USE THE DATA DICTIONARY

This computer generated report documents the data contents and record layout. The data item description contains several pieces of information for each data item as follows:

NAME:	An arbitrarily assigned 12 character label. It may be a mnemonic or a numeric value indicating the location of the variable on the survey questionnaire.
DESCRIPTIVE LABEL:	A 40 character label describing the data item.
LENGTH:	The size of the data item in characters.
BEGIN:	The location in the data record of the first character of the data item.
MAXIMUM VALUE:	The highest value this data item may contain.
MINIMUM VALUE:	The lowest value this data item may contain.
DATA CATEGORY:	This field indicates whether the data item is a numeric item which can be meaningfully processed algebraically or if the item is a code item from which it would not be meaningful to summarize or derive percentages.
IMPLIED DECIMAL PLACES:	This field indicates how many, if any, implied places the data item contains.

DATA SECTION

NAME	DESCRIPTIVE LABELS	LENGTH	BEGIN	MAX.	VALUE	MIN.	DATA CATEGORY	IMP. DEC PLACES
STATE	STATE OF REGISTRATION SEE APPENDIX A FOR FIPS STATE CODES	2	1	55	1	CODE	0	0
SAMPTYR	1 SAMPLE TYPE SAMPLED AS SMALL TRUCK	1	3	2	1	CODE	0	0
	2 SAMPLED AS LARGE TRUCK							
CENNUM	CENSUS NUMBER (NOT LICENSE NUMBER)	4	4			NUMBER	0	0
VEHMAKE	MAKE OF VEHICLE CODE SEE APPENDIX B FOR CODES	3	8	999	0	CODE	0	0
MODYR	YEAR OF MODEL LAST 2 DIGITS OF MANUFACTURER'S YEAR MODEL DESIGNATION OR BLANK	2	11	99	0	CODE	0	0
REGWGT	REGISTERED WEIGHT WEIGHT IN POUNDS SHOWN ON REGISTRATION RECORDS. SEE APPENDIX C FOR WEIGHT REQUIREMENTS FOR EACH STATE	8	13			NUMBER	0	0
VEHID	VEHICLE IDENTIFICATION NUMBER CONSULT INDIVIDUAL MANUFACTURERS' DESCRIPTIONS FOR VEHICLE ID INFORMATION	7	19			NUMBER	0	0
OWNER	VEHICLE OWNERSHIP (BLANK) NOT ANSWERED	1	26	2	1	CODE	0	0
	1 YES 2 NO							
MOSOLD	MONTH VEHICLE SOLD	2	27			NUMBER	0	0
YRSOLD	YEAR VEHICLE SOLD	2	29			NUMBER	0	0
HOWACQ	HOW VEHICLE WAS ACQUIRED (BLANK) NOT ANSWERED	1	31	3	1	CODE	0	0
	1 PURCHASED NEW							
	2 PURCHASED USED 3 LEASED FROM SOMEONE ELSE							
MOPURCH	MONTH VEHICLE PURCHASED	2	32			NUMBER	0	0
YRPURCH	YEAR VEHICLE PURCHASED	2	34			NUMBER	0	0
LEASED	LEASED TO OTHERS (BLANK) NOT ANSWERED	1	36	2	1	CODE	0	0
	1 YES 2 NO							

DATA BASE DICTIONARY

DATA SECTION

IMP. DEC
CATEGORY PLACES

VALUE
MIN. MAX.

LENGTH
BLGIN

DESCRIPTIVE LABELS

NAME

NAME	DESCRIPTIVE LABELS	LENGTH	BLGIN	MAX.	MIN.	VALUE	DATA	IMP. DEC
							CATEGORY	PLACES
HOWLEA	HOW LEASED BLANK (NOT ANSWERED) 1 WITHOUT DRIVER 2 WITH DRIVER OR AS OWNER OPERATOR	1	37	2	1	CODE		0
TYPES	TYPE OF LESSEE BLANK (NOT ANSWERED) 1 PRIVATE 2 UNIT OF GOVERNMENT	1	38	2	1	CODE		0
LENLEA	LENGTH OF LEASE BLANK (NOT ANSWERED) 1 LESS THAN 30 DAYS 2 30 DAYS TO 1 YEAR 3 1-3 YEARS 4 MORE THAN 3 YEARS	1	39	99	0	CODE		0
LAGRFIN	FINANCE LEASE AGREEMENT OPTION BLANK (NOT ANSWERED) 1 YES	1	40	1	1	CODE		0
LAGRMNT	MAINTENANCE LEASE AGREEMENT OPTION BLANK (NOT ANSWERED) 1 YES	1	41	1	1	CODE		0
LAGRP&S	PROCUREMENT AND SALE LEASE AGREEMENT OPTION BLANK (NOT ANSWERED) 1 YES	1	42	1	1	CODE		0
OPCLASS	OPERATOR CLASSIFICATION BLANK (NOT ANSWERED) 1 PRIVATE 2 FOR HIRE-INTERSTATE EXEMPT 3 INTERSTATE-ICC-CONTRACT CARRIER 4 INTERSTATE-ICC-COMMON CARRIER 5 INTRASTATE	1	43	5	1	CODE		0
MAJUSE	MAJOR USE OF VEHICLE BLANK (NOT ANSWERED) 01 AGRICULTURAL ACTIVITY 02 FORESTRY 03 MINING 04 CONSTRUCTION 05 MANUFACTURING 06 WHOLESALE TRADE 07 RETAIL TRADE 08 FOR HIRE 09 UTILITIES 10 SERVICES	2	44	99	1	CODE		0

DATA SECTION

LENGTH BEGIN MAX. MIN. VALUE DATA IMP. DEC
CATEGORY PLACES

DESCRIPTIVE LABELS

NAME

NAME	DESCRIPTIVE LABELS	LENGTH	BEGIN	MAX.	MIN.	VALUE	DATA	IMP.	DEC
PRIPRO	11 DAILY RENTAL								
	12 PERSONAL TRANSPORTATION								
	13 OTHER								
	99 NOT IN USE								
		PRINCIPAL PRODUCT CARRIED	2	46	23	1			0
		BLANK (NOT ANSWERED)							
	01 FARM PRODUCTS (CROPS, FRUIT)								
	02 LIVE ANIMALS								
	03 MINING PRODUCTS								
	04 LOGS AND OTHER FOREST PRODUCTS								
	05 PROCESSED FOODS								
	06 TEXTILE MILL PRODUCTS								
	07 BUILDING MATERIALS								
	08 HOUSEHOLD GOODS (MOVING)								
	09 FURNITURE OR HARDWARE, NOT HH GOODS								
	10 PAPER PRODUCTS								
	11 CHEMICALS OR RELATED PRODUCTS								
	12 PETROLEUM OR PETROLEUM PRODUCTS								
	13 PRIMARY METAL PROD.(INGOTS,PIPE,ETC)								
	14 FABRICATED METAL PRODUCTS								
	15 MACHINERY, EXCEPT ELECTRICAL								
	16 ELECTRICAL MACHINERY,EQUIP.&SUPP.								
	17 TRANSP.EQUIP(MOTOR VEH.TRAILERS,ETC)								
18 SCRAP, REFUSE, GARBAGE									
19 MIXED CARGOES									
20 CRAFTSMAN'S VEHICLE									
21 SPEC.EQUIP.IE,CRANE,COMPRESSOR,ETC.									
22 NO PRODD. CARRIED (PERSONAL TRANSP.)									
23 OTHER									
SECPRO									
		SECONDARY PRODUCT CARRIED	2	48	23	1			0
		BLANK (NOT ANSWERED)							
	01 FARM PRODUCTS (CROPS, FRUIT)								
	02 LIVE ANIMALS								
	03 MINING PRODUCTS								
	04 LOGS AND OTHER FOREST PRODUCTS								
	05 PROCESSED FOODS								
	06 TEXTILE MILL PRODUCTS								
	07 BUILDING MATERIALS								
	08 HOUSEHOLD GOODS (MOVING)								
	09 FURNITURE OR HARDWARE, NOT HH GOODS								
	10 PAPER PRODUCTS								
	11 CHEMICALS OR RELATED PRODUCTS								
	12 PETROLEUM OR PETROLEUM PRODUCTS								
	13 PRIMARY METAL PROD.(INGOTS,PIPE,ETC)								
	14 FABRICATED METAL PRODUCTS								
15 MACHINERY, EXCEPT ELECTRICAL									
16 ELECTRICAL MACHINERY, EQUIP. & SUPP.									
17 TRANSP.EQUIP(MOTOR VEH.TRAILERS,ETC)									

DATA SECTION

NAME DESCRIPTIVE LABELS LENGTH BEGIN MAX. MIN. VALUE DATA IMP. DEC. CATEGORY PLACES

18 SCRAP, REFUSE, GARBAGE
 19 MIXED CARGOES
 20 CRAFTSMAN'S VEHICLE
 21 SPEC EQUIP., IE. CRANE, COMPRESSOR, ETC.
 22 NO PROD. CARRIED (PERSONAL TRANSP.)
 23 OTHER

HAZMAT HAZARDOUS MATERIALS 1 50 2 1 CODE 0
 1 BLANK (NOT ANSWERED)
 2 CARRIED
 2 NOT CARRIED

PCTIME PERCENT OF TIME CARRIED 1 51 4 1 CODE 0
 HAZARDOUS MATERIALS
 1 BLANK (NOT ANSWERED)
 2 BELOW 25%
 3 25-49%
 4 50-74%
 75-100%

STATBA STATE BASE OF OPERATION 2 52 51 01 CODE 0
 SEE APPENDIX F FOR ALPHABETICALLY
 ORDERED CODES

PCTMIL PERCENT OF MILES TRAVELED WITHIN BASE 1 54 4 1 CODE 0
 STATE
 (BLANK) NOT ANSWERED
 1 BELOW 25%
 2 25-49%
 3 50-74%
 4 75-100%

PIPMSWI NUMBER OF PICKUPS, PANELS, MULTI- 4 55 NUMBER 0
 STEPS, WALK-INS AT SAME BASE

OTTRCKS NUMBER OF OTHER STRAIGHT TRUCKS AT SAME 4 59 NUMBER 0
 BASE

TKTRAC NUMBER OF TRUCK-TRACTORS AT SAME BASE 4 63 NUMBER 0

TRALRS NUMBER OF TRAILERS AT SAME BASE 4 67 NUMBER 0

AREADP AREA OF OPERATION 1 71 4 1 CODE 0
 BLANK (NOT ANSWERED)
 1 LOCAL
 2 OVER THE ROAD (ONE WAY UNDER 200 MI)
 3 OVER THE ROAD (ONE WAY 200 MI OR MORE)
 4 OFF THE ROAD

ANNMIL ANNUAL MILES 6 72 NUMBER 0

DATA SECTION

NAME	DESCRIPTIVE LABELS	LENGTH	BEGIN	MAX.	VALUE	DATA	IMP. DEC
						CATEGORY	PLACES
LIFMIL	ACTUAL MILES (MAY BE 000000 IN THE CASE OF NOT-IN-USE TRUCKS)	7	78			NUMBER	0
MILGAL	LIFETIME MILES ACTUAL MILES (MAY BE 0000000 IN THE CASE OF NON-RESPONSE FOR TRUCKS OF INDETERMINATE AGE)	3	85			NUMBER	2
MPGME	MILES PER GALLON IMPLIED DECIMAL AFTER 2ND DIGIT; MAY BE BLANK (NOT ANSWERED)	1	88	2	1	CODE	0
MTENO	MILES PER GAL. MEASURED OR ESTIMATED 1 BLANK (NOT ANSWERED) 2 MEASURED ESTIMATED	1	89	1	1	CODE	0
MTTRANS	ENGINE MAINTENANCE (BLANK) NOT ANSWERED YES	1	90	2	2	CODE	0
MTBRAKE	TRANSMISSION MAINTENANCE (BLANK) NOT ANSWERED YES	1	91	3	3	CODE	0
MTA&D	MAINTENANCE PERFORMED BY SELF OR OWN REPAIR SHOP (BLANK) NOT ANSWERED YES	1	92	4	4	CODE	0
MTNONE	MAINTENANCE OF REAR AXLE AND DIFFERENTIAL (BLANK) NOT ANSWERED YES	1	93	5	5	CODE	0
MTSELF	MAINTENANCE DIFFERENT FROM ANY LISTED ABOVE (BLANK) NOT ANSWERED YES	1	94	1	1	CODE	0
MTDEA	MAINTENANCE PERFORMED BY TRUCK DEALER (BLANK) NOT ANSWERED YES	1	95	2	2	CODE	0
MTFAC	MAINTENANCE PERFORMED BY FACTORY BRANCH (BLANK) NOT ANSWERED	1	96	3	3	CODE	0

DATA SECTION

VALUE DATA IMP. DEC
MIN. CATEGORY PLACES

DESCRIPTIVE LABELS

LENGTH BEGIN MAX.

NAME

NAME	DESCRIPTIVE LABELS	LENGTH	BEGIN	MAX.	VALUE MIN.	CATEGORY	IMP. DEC PLACES
	3 YES						
MILEA	MAINTENANCE PERFORMED BY LEASING CO. (BLANK) NOT ANSWERED	1	97	4	4	CODE	0
	4 YES						
MTGAR	MAINTENANCE PERFORMED BY INDEPENDENT GARAGE (BLANK) NOT ANSWERED	1	98	5	5	CODE	0
	5 YES						
MTOTII	MAINTENANCE PERFORMED BY GROUP OTHER THAN THOSE LISTED ABOVE (BLANK) NOT ANSWERED	1	99	6	6	CODE	0
	6 YES						
GROSWT	GROSS VEHICLE WEIGHT CODE	2	100	14	1	CODE	C
	01 8,000 OR LESS						
	02 8,001 TO 10,000						
	03 10,001 TO 14,000						
	04 14,001 TO 16,000						
	05 16,001 TO 19,500						
	06 19,501 TO 26,000						
	07 26,001 TO 33,000						
	08 33,001 TO 40,000						
	09 40,001 TO 50,000						
	10 50,001 TO 60,000						
	11 60,001 TO 80,000						
	12 80,001 TO 100,000						
	13 100,001 TO 130,000						
	14 130,001 AND OVER						
ENGTYP	ENGINE TYPE	1	102	3	1	CODE	0
	1 BLANK (NOT ANSWERED)						
	2 GASOLINE						
	3 DIESEL						
	4 L'3 OR OTHER						
ENGSEZ	ENGINE SIZE (CYLINDERS)	1	103	4	1	CODE	0
	1 BLANK (NOT ANSWERED)						
	2 FOUR						
	3 SIX						
	4 EIGHT						
	5 OTHER						
DISPLCM	DISPLACEMENT (CUBIC INCHES)	4	104			NUMBER	0
	ACTUAL NUMBER OR BLANK (NOT ANSWERED)						
HORSPWR	HORSEPOWER	3	108			NUMBER	0
	ACTUAL NUMBER OR BLANK (NOT ANSWERED)						

DATA BASE DICTIONARY

1/31/80

DATA SECTION

VALUE DATA IMP. DEC
MIN. CATEGORY PLACES

NAME	DESCRIPTIVE LABELS	LENGTH	BEGIN	MAX.	MIN.	CODE	IMP. DEC
TRNTYP	TRANSMISSION TYPE BLANK (NOT ANSWERED)	1	111	3	1	CODE	0
	1 MANUAL						
	2 AUTOMATIC						
	3 SEMIAUTOMATIC						
BRKTP	BRAKE TYPE BLANK (NOT ANSWERED)	1	112	3	1	CODE	0
	1 HYDRAULIC						
	2 AIR						
	3 OTHER						
ANWHL	ANTI-WHEEL LOCK DEVICE BLANK (NOT ANSWERED)	1	113	2	1	CODE	0
	1 YES						
	2 NO						
PWRSTR	POWER STEERING BLANK (NOT ANSWERED)	1	114	2	1	CODE	0
	1 YES						
	2 NO						
CONRAD	FUEL CONSERVATION EQUIPMENT - RADIAL TIMES (BLANK) NOT ANSWERED/NOT APPLICABLE	1	115	1	1	CODE	0
	1 YES						
CONDRA	FUEL CONSERVATION EQUIPMENT - DRAG REDUCTION DEVICE (BLANK) NOT ANSWERED/NOT APPLICABLE	1	116	2	2	CODE	0
	1 YES						
CONVAR	FUEL CONSERVATION EQUIPMENT - VARIABLE SPEED FAN (BLANK) NOT ANSWERED/NOT APPLICABLE	1	117	3	3	CODE	0
	1 YES						
CONFUEL	FUEL CONSERVATION EQUIPMENT - FUEL EFFICIENT ENGINE (BLANK) NOT ANSWERED/NOT APPLICABLE	1	118	4	4	CODE	0
	1 YES						
CONRAT	FUEL CONSERVATION EQUIPMENT - AXLE OR DRIVE RATIO CHANGE (BLANK) NOT ANSWERED/NOT APPLICABLE	1	119	5	5	CODE	0
	1 YES						
AIRCON	VEHICLE AIR CONDITIONED (BLANK) NOT ANSWERED	1	120	2	1	CODE	0
	1 YES						

1/31/80

DATA BASE DICTIONARY

DATA SECTION

LENGTH BEGIN MAX. MIN. VALUE DATA IMP.DEC
CATEGORY PLACES

DESCRIPTIVE LABELS

NAME

2 126 78 1 CODE 0

4 NONE OF THE ABOVE

BODYSZ

BODY SIZE
BODY TYPE 01-20 ACTUALLY MEANS 01-20
EXCEPT BODY TYPES 15 AND 16.

BT-BODY TYPE

- 01 BT 01-20 LT 7 FT
- 02 BT 01-20, 7-LT 10 FT
- 03 BT 01-20, 10- LT 13 FT
- 04 BT 01-20, 13- LT 16 FT
- 05 BT 01-20, 16- LT 20 FT
- 06 BT 01-20, 20- LT 28 FT
- 07 BT 01-20, 28- LT 36 FT
- 08 BT 01-20, 38- LT 41 FT
- 09 BT 01-20, 41- LT 45 FT
- 10 BT 01-20, 45- LT 73 FT
- 11 BT 01-20, 73 GR MORE
- 31 BT 30-33, CU YD CAPACITY LT 20
- 32 BT 30-33, CU YD CAPACITY 20-25
- 33 BT 30-33, CU YARD CAPACITY 26 & OVER
- 41 BT 40, CAP OF DUMP LT 5 CU YDS
- 42 BT 40, CAP OF DUMP 5- LT 7 CU YDS
- 43 BT 40, CAP OF DUMP 7- LT 10 CU YDS
- 44 BT 40, CAP OF DUMP 10- LT 12 CU YDS
- 45 BT 40, CAP OF DUMP 12- LT 15 CU YDS
- 46 BT 40, CAP OF DUMP 15- LT 18 CU YDS
- 47 BT 40, CAP OF DUMP 18- LT 20 CU YDS
- 48 BT 40, CAP OF DUMP 20- LT 30 CU YDS
- 49 BT 40, CAP-DUMP 30 CU YDS OR MORE
- 51 LQ 50, BT CAP OF TANK LT 1,000 GAL
- 52 BT 50, LQ CAP OF TANK 1,000-1,999
- 53 BT 50, LQ CAP OF TANK 2,000-2,999
- 54 BT 50, LQ CAP OF TANK 3,000-3,999
- 55 BT 50, LQ CAP OF TANK 4,000-5,999
- 56 BT 50, LQ CAP OF TANK 6,000-7,999
- 57 BT 50, LQ CAP OF TANK 8,000-11,999
- 58 BT 50, LQ CAP OF TANK 12,000 OR MORE
- 61 BT 60, DB CAP OF TANK LT 300 CU FT
- 62 BT 60, DB CAP OF TANK 300-599 CU FT
- 63 BT 60, DB CAP OF TANK 600-899 CU FT
- 64 BT 69, DB CAP-TANK 900-1,199 CU FT
- 65 BT 60, DB CAP OF TANK 1,200-1,499
- 66 BT 60, DB CAP OF TANK 1,500 OR MORE
- 71 BT 70-72, CAP OF MIXER LT 6 CU YDS
- 72 BT 70-72, CAP OF MIXER 6-6.9 CU YDS
- 73 BT 70-72, CAP OF MIXER 7-7.9 CU YDS
- 74 BT 70-72, CAP OF MIXER 8-8.9 CU YDS
- 75 BT 70-72, CAP OF MIXER 9-9.9 CU YDS
- 76 BT 70-72, CAP-MIXER 10-10.9 CU YDS
- 77 BT 70-72, CAP-MIXER 11-11.9 CU YDS

DATA SECTION

NAME ----- DESCRIPTIVE LABELS ----- LENGTH BEGIN MAX. MIN. VALUE DATA IMP.DFC
 ----- CATEGORY PLACES -----

NAME	DESCRIPTIVE LABELS	LENGTH	BEGIN	MAX.	MIN.	VALUE	DATA	IMP.DFC
78	BT 70-72, CAP-MIX. 12 CU YDS OR OVER	1	128	4	1	CODE	0	0
POWPA	NUMBER OF POWERED AXLES (BLANK) NOT ANSWERED	1	128	4	1	CODE	0	0
1	ONE							
2	TWO							
3	THREE							
4	FOUR OR MORE							
VEHTYP	VEHICLE TYPE	1	129	6	1	CODE	0	0
1	SINGLE UNIT TRUCK, TWO AXLE							
2	SINGLE UNIT TRUCK, THREE AXLE							
3	SINGLE UNIT TRUCK, OTHER							
4	TRUCK TRACTOR, TWO AXLE							
5	TRUCK TRACTOR, THREE AXLE							
6	TRUCK TRACTOR, OTHER							
AXLETR	AXLE ARRANGEMENT OF TRAILER UNIT (SEE QUESTIONNAIRE FACSIMILE MAY BE BLANK NOT ANSWERED)	1	'30			NUMBER	0	0
CABTYP	CAB TYPE	1	131	6	1	CODE	0	0
1	BLANK (NOT ANSWERED)							
2	CAB FORWARD OF ENGINE							
3	CAB OVER ENGINE							
4	SHORT HOOD CONVENTIONAL							
5	MEDIUM HOOD CONVENTIONAL							
6	LONG HOOD CONVENTIONAL							
7	OTHER							
SLEPCB	SLEEPER CAB	1	132	2	1	CODE	0	0
1	(BLANK) NOT ANSWERED							
2	YES							
3	NO							
AXLRE	AXLE RECODE	2	133	31	1	CODE	0	0
	SEE APPENDIX G FOR LIST OF RECODES							
VEHSZC	VEHICLE SIZE CLASS	1	135	4	1	CODE	0	0
1	LIGHT (GVW LESS THAN 10,000 LBS)							
2	MEDIUM (GVW 10,001-19,500)							
3	LIGHT-HEAVY (GVW 19,501-26,000)							
4	HEAVY-HEAVY (GVW 26,001 OR MORE)							
EXPANF	EXPANSION FACTOR (TO UNIVERSE LEVEL) NUMBER OF TRUCKS THIS RECORD REPRESENTS WHEN AGGREGATING FOR ESTI- MATES OF TOTAL	6	136			NUMBER	0	0
IMPUTE	IMPUTE FLAGS (SEE APPENDIX D)	14	142	99999	0	CODE	0	0

DATA SECTION

DESCRIPTIVE LABELS	LENGTH	BEGIN	MAX.	VALUE	DATA	IMP.	DEC.
					CATEGORY		PLACES

NAME

THIS IS AN ALPHA FIELD

FIPSSC

FIPS STATE AND COUNTY CODES
SEE APPENDIX A FOR CODE LIST

5 150 999

1

CODE

0

FILL

FILLER

2 161

NUMBER

0

APPENDIX A

FIPS STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
ALABAMA	01000	MOHROE	01009	WRANGELL-PETERSBURG ELD	02320
AUTAUGA	01001	MONTGOMERY	01101	SITKA ELD	02330
BALDWIN	01003	MORGAN	01103	JUPEAU ELD	02340
BARBOUR	01005	PERRY	01105	LYNH CANAL - ICY STRAITS ELD	02350
BIBB	01007	PICKENS	01107	COHOVVA-MCCARTHY ELD	02360
BLOUNT	01009	PIKE	01109	VALDEZ-CHITINA-MITTIER ELD	02370
BULLOCK	01011	RAIDOLPH	01111	PALMER-WASILLA-TAKEETINA ELD	02380
BUTLER	01013	RUSSELL	01113	ANCHORAGE ELD	02390
CALHOUN	01015	ST CLAIR	01115	SEWARD ELD	02400
CHAMBERS	01017	SHELBY	01117	KENAI-COOK INLET ELD	02410
CHEROKEE	01019	SUMTER	01119	KODIAK ELD	02420
CHILTON	01021	TALLADEGA	01121	ALEUTIAN ISLANDS ELD	02440
CHOCTAW	01023	TALLAPOOSA	01123	BRISTOL DAY ELD	02440
CLAIKE	01025	TUSCALOOSA	01125	BEHN' L ELD	02450
CLAY	01027	WALKER	01127	KUSKOKWIM ELD	02460
CLEBURNE	01029	WASHINGTON	01129	YUKON-KOYUKUK ELD	02470
COFFEE	01031	WILCOX	01131	FAIRBANKS ELD	02480
COLBERT	01033	WINSTON	01133	UPPER YUKON ELD	02500
COHECUI	01035	ALASKA	02000	DARROW ELD	02510
COOSA	01037	ALEUTIAN ISLANDS	02010	KODIUK ELD	02520
COVINGTON	01039	ANCHORAGE	02020	NONE ELD	02530
CRENSHAW	01041	ANGOOK	02010	WADE HAMPTON ELD	02540
CULLMAN	01043	DARROW	02040	FIRST JD	04001
DALE	01045	BETHEL	02050	SECOND JD	04003
DALLAS	01047	BRISTOL DAY BOROUGH	02060	THIRD JD	04005
DE KALB	01049	BRISTOL DAY DIVISION	02070	FOURTH JD	04007
ELMORE	01051	CORDOVA-MC CARTHY	02080	ARIZONA	04009
ESCAMBIA	01053	FAIRBANKS	02090	APACHE	04011
ETOWAH	01055	HAINES	02100	COCUISE	04013
FAYETTE	01057	JUPEAU	02110	COCOHINO	04015
FRANKLIN	01059	KENAI-COOK INLET	02120	GILA	04017
GENEVA	01061	KETCHIKAN	02130	GRAHAM	04019
GREENE	01063	KODIUK	02140	GREENLEE	04021
HALE	01065	KODIAK	02150	MARICOPA	04023
HENRY	01067	KUSKOKWIM	02160	MOHAVE	04025
HOUSTON	01069	NATANUSKA-SUSTINA	02170	HAVAHO	04027
JACKSON	01071	NONE	02180	PIMA	04029
JEFFERSON	01073	OUTER KETCHIKAN	02190	PIHAL	05001
LAMAR	01075	PRINCE OF WALES	02200	SANTA CRUZ	05003
LAUDERDALE	01077	SEWARD	02210	YAVAPAI	05005
LAWRENCE	01079	SITKA	02220	YUMA	05007
LLE	01081	SKAGWAY-YAKUTAI	02230	ARKANSAS	05009
LIMESTONE	01083	SOUTHEAST FAIRBANKS	02240	ARKANSAS	05011
LOWNDES	01085	UPPER YUKON	02250	ASHLEY	05013
MACON	01087	VALDEZ-CHITINA-MITTIER	02260	BAXTER	05015
MADISON	01089	WADE HAMPTON	02270	DENTON	05017
MARENGO	01091	WRANGELL-PETERSBURG	02280	BOONL	05019
MARION	01093	YUKON-KOYUKUK	02290	BRADLEY	05021
MARSHALL	01095	PRINCE OF WIALES ELD	02300	CALHOUN	05023
MOBILE	01097	KEIT.....AH ELD	02310	CARROLL	05025

STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
CHICOT	05017	PRAIRIE	05117	RIVERSIDE	06065
CLARK	05019	PULASKI	05119	SACRAMENTO	06067
CLAY	05021	RANDOLPH	05121	SAN BENITO	06069
CLEBURNE	05023	ST FRANCIS	05123	SAN BERNARDINO	06071
CLEVELAND	05025	SALINE	05125	SAN DIEGO	06073
COLUMBIA	05027	SCOTT	05127	SAN FRANCISCO	06075
CONWAY	05029	SEARCY	05129	SAN JOAQUIN	06077
CRAIGHEAD	05031	SEBASTIAN	05131	SAN LUIS-OBISPO	06079
CRAWFORD	05033	SEVIER	05133	SAH MATEO	06081
CRITTENDEN	05035	SHARP	05135	SANTA BARBARA	06003
CROSS	05037	STONE	05137	SANTA CLARA	06005
DALLAS	05039	UNION	05139	SANTA CRUZ	06087
DESLIA	05041	VAN BUREN	05141	SHASTA	06089
DREW	05043	WASHINGTON	05143	SIERRA	06091
FAULKNER	05045	WHITE	05145	SISKIYOU	06093
FRANKLIN	05047	WOODRUFF	05147	SOLANO	06095
FULTON	05049	YELL	05149	SONOMA	06097
GARLAND	05051	<u>CALIFORNIA</u>	06000	STANISLAUS	06099
GRANT	05053	ALAMEDA	06001	SUTTER	06101
GREENE	05055	ALPINE	06003	TEHAMA	06103
HEMPSTEAD	05057	AMADOR	06005	TRINITY	06105
HOT SPRING	05059	BUTTE	06007	TULARE	06107
HOWARD	05061	CALAVERAS	06009	TUOLUMNE	06109
INDEPENDENCE	05063	COLUSA	06011	VENTURA	06111
IZARD	05065	CONTRA COSTA	06013	YOLO	06113
JACKSON	05067	DEL NORTE	06015	YUBA	06115
JEFFERSON	05069	EL DORADO	06017	<u>COLORADO</u>	08000
JOHNSON	05071	FRESNO	06019	ADAMS	08001
LAFAYETTE	05073	GLENN	06021	ALAMOSA	08003
LAWRENCE	05075	HUMBOLDT	06023	ARAPAHOE	08005
LEE	05077	IMPERIAL	06025	ARCHULETA	08007
LINCOLN	05079	INYO	06027	BACA	08009
LITTLE RIVER	05081	KERN	06029	BENT	08011
LOGAN	05083	KINGS	06031	BOULDER	08013
LONOKE	05085	LAKE	06033	CHAFFEE	08015
MADISON	05087	LASSEN	06035	CHEYENNE	08017
MARION	05089	LOS ANGELES	06037	CLEAR CREEK	08019
MILLER	05091	MADERA	06039	CONEJOS	08021
MISSISSIPPI	05093	MARIN	06041	COSTILLA	08023
MONROE	05095	MARIPOSA	06043	CROWLEY	08025
MONTGOMERY	05097	MENDOCINO	06045	CUSTER	08027
NEVADA	05099	MERCED	06047	DELTA	08029
NEWTON	05101	MODOC	06049	DENVER	08031
OUACHITA	05103	MONO	06051	DOLORES	08033
PERRY	05105	MONTEREY	06053	DOUGLAS	08035
PHILLIPS	05107	NAPA	06055	EAGLE	08037
PIKE	05109	NEVADA	06057	ELBERT	08039
POINSETT	05111	ORANGE	06059	EL PASO	08041
POLK	05113	PLACER	06061	FREMONT	08043
POPE	05115	PLUMAS	06063	GARFIELD	08045

STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
GILPIN	08047	KENT	10001	NASSAU	12087
GRAND	08049	NEW CASTLE	10003	OKALOOSA	1209
GUNNISON	08051	SUSSEX	10005	OKEECHOBEE	1209
HINSDALE	08053	DISTRICT OF COLUMBIA	11000	ORANGE	1209
HUERFANO	08055	DISTRICT OF COLUMBIA	11001	OSCEOLA	1209
JACKSON	08057	FLORIDA	12000	PALM BEACH	1209
JEFFERSON	08059	ALACHUA	12001	PASCO	1210
KIOWA	08061	BAKER	12003	PINELLAS	1210
KIT CARSON	08063	BAY	12005	POLK	1210
LAKE	08065	BRADFORD	12007	PUTNAM	1210
LA PLATA	08067	BREVARD	12009	ST JOHNS	1210
LARIMER	08069	BROWARD	12011	ST LUCIE	1211
LAS ANIMAS	08071	CALHOUN	12013	SANTA ROSA	1211
LINCOLN	08073	CHARLOTTE	12015	SARASOTA	1211
LOGAN	08075	CITRUS	12017	SEMINOLE	1211
MESA	08077	CLAY	12019	SUMTER	1211
MIJERAL	08079	COLLIER	12021	SUMNER	1211
MOFFAT	08081	COLUMBIA	12023	SUMANNEE	1212
MONTEZUMA	08083	DADE	12025	TAYLOR	1212
MONTEROSE	08085	DE SOTO	12027	UNION	1212
MORGAN	08087	DIXIE	12029	VOLUSIA	1212
OTERO	08089	DUVAL	12031	WAKULLA	1212
OURAY	08091	ESCAMBIA	12033	WALTON	1213
PARK	08093	FLAGLER	12035	WASHINGTON	1213
PHILLIPS	08095	FRANKLIN	12037	GEORGIA	1300
PITKIN	08097	GADSDEN	12039	APPLING	1300
PROWERS	08099	GILCHRIST	12041	ATKINSON	1300
PUEBLO	08101	GLADES	12043	BACON	1300
RIO BLANCO	08103	GULF	12045	BAKER	1300
RIO GRANDE	08105	HAMILTON	12047	BALDWIN	1300
ROUIT	08107	HARDEE	12049	BANKS	1301
SAGUACHE	08109	HENDRY	12051	BARROW	1301
SAN JUAN	08111	HERNANDO	12053	BARLOW	1301
SAN MIGUEL	08113	HIGHLANDS	12055	BEAUFORT	1301
SEDGWICK	08115	HILLSBOROUGH	12057	BERRIEN	1301
SUMMIT	08117	HOLMES	12059	BLISS	1301
TELLER	08119	INDIAN RIVER	12061	BLECKLEY	1301
WASHINGTON	08121	JACKSON	12063	BRANTLEY	1301
WELD	08123	JEFFERSON	12065	BROOKS	1301
YUMA	08125	LAFAYETTE	12067	BRYAN	1301
CONNECTICUT	09000	LAKE	12069	BULLOCK	1301
FAIRFIELD	09001	LEE	12071	BURKE	1301
HARTFORD	09003	LEON	12073	BUTTS	1301
LITCHFIELD	09005	LEVY	12075	CALHOUN	1301
MIDDLESEX	09007	LIBERTY	12077	CAMDEN	1301
NEW HAVEN	09009	MADISON	12079	CANDLER	1301
NEW LONDON	09011	MANATEE	12081	CARROLL	1301
TOLLAND	09013	MARION	12083	CATOOSA	1301
WINDHAM	09015	MARTIN	12085	CHARLTON	1301
DELAWARE	10000	MONR	12087	CHATTAHOOCHEE	1301

STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
CHATTOOGA	13055	IRWIN	13155	STEPHENS	13257
CHEROKEE	13057	JACKSON	13157	STEWART	13259
CLARKE	13059	JASPER	13159	SUMTER	13261
CLAY	13061	JEFF DAVIS	13161	TALBOT	13263
CLAYTON	13063	JEFFERSON	13163	TALIAFERRO	13265
CLINCH	13065	JENKINS	13165	TATNALL	13267
COBB	13067	JOHNSON	13167	TAYLOR	13269
COFFEE	13069	JONES	13169	TELFAIR	13271
COLOUITT	13071	LAMAR	13171	TERRELL	13273
COLUMBIA	13073	LANIER	13173	THOMAS	13275
COOK	13075	LAURENS	13175	TIFT	13277
COWETA	13077	LEE	13177	TOOMBS	13279
CRAWFORD	13079	LIBERTY	13179	TOWNS	13281
CRISP	13081	LINCOLN	13181	TRULLEN	13283
DADE	13083	LONG	13183	TROUP	13285
DAWSON	13085	LOWHDES	13185	TURNER	13287
DECATUR	13087	LUMPKIN	13187	TWIGGS	13289
DE KALB	13089	MC DUFFIE	13189	UNION	13291
DODGE	13091	MC INTOSH	13191	UPSON	13293
DOOLY	13093	MACON	13193	WALKER	13295
DOUGHERTY	13095	MADISON	13195	WALTON	13297
DOUGLAS	13097	MARION	13197	WARE	13299
EARLY	13099	MERIWETHER	13199	WARREN	13301
ECHOLS	13101	MILLER	13201	WASHINGTON	13303
EFFINGHAM	13103	MITCHELL	13205	WAYNE	13305
ELBERT	13105	MONROE	13207	WEBSTER	13307
EMANUEL	13107	MONTGOMERY	13209	WHEELER	13309
EVANS	13109	MORGAN	13211	WHITE	13311
FANNIN	13111	MURRAY	13213	WHITFIELD	13313
FAYETTE	13113	MUSCOGEE	13215	WILCOX	13315
FLOYD	13115	NEWTON	13217	WILKES	13317
FORSYTH	13117	OCONEE	13219	WILKINSON	13319
FRANKLIN	13119	OGLETHORPE	13221	WORTH	13321
FULTON	13121	PAULDING	13223	COLUMBUS CITY	13510
GILMER	13123	PEACH	13225	JAWALL	15000
GLASCOCK	13125	PICKENS	13227	HAWAII	15001
GLYNN	13127	PIERCE	13229	HONOLULU	15003
GORDON	13129	PIKE	13231	KALAWAD	15004
GRADY	13131	POLK	13233	KAUAI	15007
GREENE	13133	PULASKI	13235	MAUI	15009
GWINNETT	13135	PUTNAM	13237	IDAHO	16000
HADERSHAM	13137	QUITMAN	13239	ADA	16001
HALL	13139	RABUN	13241	ADAMS	16003
HANCOCK	13141	RANDOLPH	13243	BANNOCK	16005
HARALSON	13143	RICHMOND	13245	BEAR LAKE	16007
HARRIS	13145	ROCKDALE	13247	BENEWAH	16009
HART	13147	SCHLEY	13249	BINGHAM	16011
HEARD	13149	SCRIVEN	13251	BLAINE	16013
HENRY	13151	SEMINOLE	13253	BOISE	16015
HOUSTON	13153	SPALDING	13255	BONNER	16017

STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
BONNEVILLE	16019	CLINTON	17027	MASSAC	17127
BOUNDARY	16021	COLES	17029	METIARD	17129
BUTTE	16023	COOK	17031	MERCER	17131
CAMAS	16025	CRAWFORD	17033	MOHROE	17133
CANYON	16027	CUMBERLAND	17035	MONTEGOMERY	17135
CARIBOU	16029	DE KALB	17037	MORGAN	17137
CASSIA	16031	DE WITT	17039	MOULTRIE	17139
CLARK	16033	DODGLAS	17041	OGLE	17141
CLEARWATER	16035	DU PAGE	17043	PEORIA	17143
CUSTER	16037	EDGAR	17045	PERRY	17145
ELMORE	16039	EDWARDS	17047	PIATT	17147
FRANKLIN	16041	EFFINGHAM	17049	PIKE	17149
FREMONT	16043	FAYETTE	17051	POPE	17151
GEM	16045	FORD	17053	PULASKI	17153
GOODING	16047	FRANKLIN	17055	PUTNAM	17155
IDAHO	16049	FULTON	17057	RANDOLPH	17157
JEFFERSON	16051	GALLATIN	17059	RICHLAND	17159
JEROME	16053	GREENE	17061	ROCK ISLAND	17161
KOOTENAI	16055	GRUNDY	17063	ST CLAIR	17163
LATAH	16057	HAMILTON	17065	SALINE	17165
LEMHI	16059	HANCOCK	17067	SANGAMON	17167
LEWIS	16061	HARDIN	17069	SCHUYLER	17169
LINCOLN	16063	HENDERSON	17071	SCOTT	17171
MADISON	16065	HENRY	17073	SHELBY	17173
MINIDOKA	16067	IROQUOIS	17075	STARK	17175
NEZ PERCE	16069	JACKSON	17077	STEPHENSON	17177
ONEIDA	16071	JASPER	17079	TAZEWELL	17179
OWYHEE	16073	JEFFERSON	17081	UNION	17181
PAYETTE	16075	JERSEY	17083	VERMILION	17183
POWER	16077	JO DAVIESS	17085	WADASH	17185
SHOSHONE	16079	JOHNSON	17087	WARREN	17187
TETON	16081	KANE	17089	WASHINGTON	17189
TWIN FALLS	16083	KANKAKEE	17091	WAYNE	17191
VALLEY	16085	KENDALL	17093	WHITE	17193
WASHINGTON	16087	KNOX	17095	WHITESIDE	17195
YELLOWSTONE NAT. PARK - PART	16089	LAKE	17097	WILL	17197
ILLINOIS	17000	LA SALLE	17099	WILLIAMSON	17199
ADAMS	17001	LAWRENCE	17101	WISNEBAGO	17201
ALEXANDER	17003	LEE	17103	WOODFORD	17203
BOND	17005	LIVINGSTON	17105	WOLANA	18000
BOONE	17007	LOGAN	17107	ADAMS	18001
BROWN	17009	MC DONOUGH	17109	ALLN	18003
BUREAU	17011	MC HENRY	17111	BARTHOLOMEW	18005
CALHOUN	17013	MC LEAN	17113	BENTON	18007
CARROLL	17015	MACON	17115	BLACKFORD	18009
CASS	17017	MACOUPIN	17117	BOONE	18011
CHAMPAIGN	17019	MADISON	17119	BROWN	18013
CHRISTIAN	17021	MARION	17121	CARROLL	18015
CLARK	17023	MARSHALL	17123	CASS	18017
CLAY	17025	MASON	17125	CLARK	18019

STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
CLAY	18021	PARKE	18121	CHEROKEE	19035
CLINTON	18023	PERRY	18122	CHICKASAW	19037
CRAWFORD	18025	PIKE	18125	CLARKE	19039
DAVIESS	18027	PORTER	18127	CLAY	19041
DEARBORN	18029	POSEY	18129	CLAYTON	19043
DECATUR	18031	PULASKI	18131	CLINTON	19045
DE KALU	18033	PUTNAM	18133	CRAWFORD	19047
DELAWARE	18035	RANDOLPH	18135	DALLAS	19049
DUBOIS	18037	RIPLEY	18137	DAVIS	19051
ELKHART	18039	RUSH	18139	DECATUR	19053
FAYETTE	18041	ST JOSEPH	18141	DELAWARE	19055
FLOYD	18043	SCOTT	18143	DES MOINES	19057
FOUNTAIN	18045	SHELBY	18145	DICKINSON	19059
FRANKLIN	18047	SPENCER	18147	DUBUQUE	19061
FULTON	18049	STARKE	18149	EMMET	19063
GIBSON	18051	STEUBEN	18151	FAYETTE	19065
GFANT	18053	SULLIVAN	18153	FLOYD	19067
GREENE	18055	SWITZERLAND	18155	FRANKLIN	19069
HAMILTON	18057	TIPPECANOE	18157	FREMONT	19071
HANCOCK	18059	TIPTON	18159	GREENE	19073
HARRISON	18061	UNION	18161	GRUNDY	19075
HENDRICKS	18063	VANDEBURGH	18163	GUTHRIE	19077
HENRY	18065	VERMILLION	18165	HAMILTON	19079
HOWARD	18067	VIGO	18167	HANCOCK	19081
HUNTINGTON	18069	WABASH	18169	HARDIN	19083
JACKSON	18071	WARREN	18171	HARRISON	19085
JASPER	18073	WARRICK	18173	HENRY	19087
JAY	18075	WASHINGTON	18175	HOWARD	19089
JEFFERSON	18077	WAYNE	18177	HUMBOLDT	19091
JENNINGS	18079	WELLS	18179	IDA	19093
JOHNSON	18081	WHITTE	18181	IOWA	19095
KNOX	18083	WHITLEY	18183	JACKSON	19097
KOSCIUSKO	18085	IOWA	19000	JASPER	19099
LAGRANGE	18087	ADAMS	19001	JEFFERSON	19101
LAKE	18089	ADAIR	19003	JOHNSON	19103
LA PORTE	18091	ALLAMAKEE	19005	JONES	19105
LAWRENCE	18093	APPANOOSE	19007	KEOKUK	19107
MADISON	18095	AUDUBON	19009	KOSSUTH	19109
MARION	18097	BENTON	19011	LEE	19111
MARSHALL	18099	BLACK HAWK	19013	LIHN	19113
MARTIN	18101	BOOHE	19015	LOUISA	19115
MIAMI	18103	BREMER	19017	LUCAS	19117
MONROE	18105	BUCHANAN	19019	LYON	19119
MONTGOMERY	18107	BUENA VISTA	19021	MADISON	19121
MORGAN	18109	BUTLER	19023	MAHASKA	19123
NEWTON	18111	CALHOUN	19025	MARION	19125
NOBLE	18113	CARROLL	19027	MARSHALL	19127
OHIO	18115	CASS	19029	MILLS	19129
ORANGE	18117	CEDAR	19031	MITCHELL	19131
OWEN	18119	CERRO GORDO	19033	MONONA	19133

STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
MONROE	19135	COWLEY	20035	NESS	20135
MONTGOMERY	19137	CRAWFORD	20037	NORTON	20137
MUSCATINE	19139	DECATUR	20039	OSAGE	20139
O'BRIEN	19141	DICKINSON	20041	OSBORNE	20141
OSCEOLA	19143	DONIPHAN	20043	OTTAWA	20143
PAGE	19145	DOUGLAS	20045	PAWNEE	20145
PALO ALTO	19147	EDWARDS	20047	PHILLIPS	20147
PLYMOUTH	19149	ELK	20049	POTTAWATOMIE	20149
POCAHONTAS	19151	ELLS	20051	PRAIRIE	20151
POLK	19153	ELLSWORTH	20053	RAWLINS	20153
POTTAWATTAMIE	19155	FINNEY	20055	REHO	20155
POWESHIEK	19157	FORD	20057	REPUBLIC	20157
RINGGOLD	19159	FRANKLIN	20059	RICE	20159
SAC	19161	GEARY	20061	RILEY	20161
SCOTT	19163	GOVE	20063	ROOKS	20163
SHIELDS	19165	GRAHAM	20065	RUSH	20165
SIOUX	19167	GRANT	20067	RUSSELL	20167
STORY	19169	GRAY	20069	SALINE	20169
TAMA	19171	GREELEY	20071	SCOTT	20171
TAYLOR	19173	GREENWOOD	20073	SEDCWICK	20173
UNION	19175	HAMILTON	20075	SEWARD	20175
VAN BUREN	19177	HARPER	20077	SHAWNEE	20177
WAPELLO	19179	HARVEY	20079	SHERIDAN	20179
WARREN	19181	HASKELL	20081	SHERMAN	20181
WASHINGTON	19183	HODGEMAN	20083	SMITH	20183
WAYNE	19185	JACKSON	20085	STAFFORD	20185
WEBSTER	19187	JEFFERSON	20087	STANTON	20187
WINNEBAGO	19189	JEWELL	20089	STEVENS	20189
WINNESHIEK	19191	JOHNSON	20091	SURNER	20191
WOODBURY	19193	KEARNY	20093	THOMAS	20193
WORTH	19195	KINGMAN	20095	TREGG	20195
WRIGHT	19197	KIOWA	20097	WABAUNSEE	20197
KANSAS	20000	LABETTE	20099	WALLACE	20199
ALLEN	20001	LANE	20101	WASHINGTON	20201
ANDERSON	20003	LEAVENWORTH	20103	WICHITA	20203
ATCHISON	20005	LINCOLN	20105	WILSON	20205
BARBER	20007	LINN	20107	WOODSON	20207
BARTON	20009	LOGAN	20109	WYANDOTTE	20209
BOURBON	20011	LYON	20111	KENNICOTT	20209
BROWN	20013	MC PHERSON	20113	ADAIR	21001
BUTLER	20015	MARION	20115	ALLEN	21003
CHASE	20017	MARSHALL	20117	ANDERSON	21005
CHAUTAUQUA	20019	MEADE	20119	BALLARD	21007
CHEYENNE	20021	MIAMI	20121	BARREN	21009
CLARK	20023	MITCHELL	20123	BATH	21011
CLAY	20025	MONTGOMERY	20125	BELL	21013
CLOUD	20027	MORRIS	20127	BOONE	21015
COFFEY	20029	MORTON	20129	BOURDON	21017
COMANCHE	20031	NEMAHA	20131	BOYD	21019
	20033	NEOSHO	20133	BOYLE	21021

STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
BRACKEN	21023	LARUE	21123	TRIMBLE	21223
BREATHITT	21025	LAUREL	21125	UNION	21225
BRECKINRIDGE	21027	LAWRENCE	21127	WARREN	21227
BULLITT	21029	LEE	21129	WASHINGTON	21229
BUTLER	21031	LESLIE	21131	WAYNE	21231
CALDWELL	21033	LETCHER	21133	WEBSTER	21233
CALLOWAY	21035	LEWIS	21135	WHITELY	21235
CAMPBELL	21037	LINCOLN	21137	WOLFE	21237
CARLISLE	21039	LIVINGSTON	21139	WOODFORD	21239
CARROLL	21041	LOGAN	21141	LOUISIANA	22000
CARTER	21043	LYON	21143	ACADIA	22001
CASEY	21045	MC CRACKEN	21145	ALLEN	22003
CHRISTIAN	21047	MC CREARY	21147	ASCENSION	22005
CLARK	21049	MC LEAN	21149	ASSUMPTION	22007
CLAY	21051	MADISON	21151	AVOUELLES	22009
CLINTON	21053	MAGOFFIN	21153	BEAUREGARD	22011
CRITTENDEN	21055	MARION	21155	BIENVILLE	22013
CUMBERLAND	21057	MARSHALL	21157	BOSSIER	22015
DAVISS	21059	MARTIN	21159	CADDO	22017
EDMONSON	21061	MASON	21161	CALCASIEU	22019
ELLIOTT	21063	MEADE	21163	CALDWELL	22021
ESTILL	21065	MENEFEE	21165	CAMERON	22023
FAYETTE	21067	MERCER	21167	CATAHOULA	22025
FLEMING	21069	METCALFE	21169	CLAIBORNE	22027
FLOYD	21071	MONROE	21171	COHCORDIA	22029
FRANKLIN	21073	MONTGOMERY	21173	DE SOTO	22031
FULTON	21075	MORGAN	21175	EAST BATON ROUGE	22033
GALLATIN	21077	MUHLENBERG	21177	EAST CARROLL	22035
GARRARD	21079	NELSON	21179	EAST FELICIANA	22037
GRANT	21081	NICHOLAS	21181	EVANGELINE	22039
GRAVES	21083	OHIO	21183	FRANKLIN	22041
GRAYSON	21085	OLDHAM	21185	GRANI	22043
GREEN	21087	OWEN	21187	IBERIA	22045
GREENUP	21089	OWSLEY	21189	IBERVILLE	22047
HANCOCK	21091	PENDLETON	21191	JACKSON	22049
HARDIN	21093	PERRY	21193	JEFFERSON	22051
HARLAN	21095	PIKE	21195	JEFFERSON DAVIS	22053
HARRISON	21097	POWELL	21197	LAFAYETTE	22055
HART	21099	PULASKI	21199	LAFOURCHE	22057
HENDERSON	21101	ROBERTSON	21201	LA SALLE	22059
HENRY	21103	ROCKCASTLE	21203	LINCOLN	22061
HICKMAN	21105	ROWAN	21205	LIVINGSTON	22063
HOPKINS	21107	RUSSELL	21207	MADISON	22065
JACKSON	21109	SCOTT	21209	MOREHOUSE	22067
JEFFERSON	21111	SHELBY	21211	NATCHITOCHE	22069
JESSAMINE	21113	SIMPSON	21213	ORLEANS	22071
JOHNSON	21115	SPENCER	21215	OUACHITA	22073
KENTON	21117	TAYLOR	21217	PLAQUEMINES	22075
KNOTT	21119	TODD	21219	POINTE COUPEE	22077
KNOW	21121	TRIGG	21221	RAPIDES	22079

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NAME	CODE	NAME	CODE	NAME	CODE
RED RIVER	22081	DORCHESTER	24019	CLINTON	26037
RICHLAND	22083	FREDERICK	24021	CRAWFORD	26039
SABINE	22085	GARRETT	24023	DELTA	26041
ST BERNARD	22087	HARFORD	24025	DICKINSON	26043
ST CHARLES	22089	HOWARD	24027	EATON	26045
ST HELENA	22091	KENI	24029	EMMET	26047
ST JAMES	22093	MONTGOMERY	24031	GENESEE	26049
ST JOHN THE BAPTIST	22095	PRINCE GEORGES	24033	GLADWIN	26051
ST LANDRY	22097	QUEEN ANNES	24035	GOGEDIC	26053
ST MARTIN	22099	ST MARYS	24037	GRAND TRAVERSE	26055
ST MARY	22101	SOMERSET	24039	GRATIOT	26057
ST TAMMANY	22103	TALBOT	24041	HILLSDALE	26059
TANGIPAHOA	22105	WASHINGTON	24043	HOUGHTON	26061
TENSAS	22107	WICOMICO	24045	HUKON	26063
TERREBONNE	22109	WORCESTER	24047	INGHAM	26065
UNION	22111	BALTIMORE CITY	24510	IOHIA	26067
VERMILION	22113	MASSACHUSETTS	25000	IOSCO	26069
VERNON	22115	BARNSTABLE	25001	IRON	26071
WASHINGTON	22117	BERKSHIRE	25003	ISABELLA	26073
WEBSTER	22119	BRISTOL	25005	JACKSON	26075
WEST BATON ROUGE	22121	DUKES	25007	KALAMAZOO	26077
WEST CARROLL	22123	ESSEX	25009	KALASKA	26079
WEST FELICIANA	22125	FRANKLIN	25011	KENT	26081
WINN	22127	HAMPDEN	25013	KEWEENAW	26083
MAINE	23000	HAMPSHIRE	25015	LAKE	26085
ANDROSCOGGIN	23001	MIDDLESEX	25017	LAPEER	26087
AROSTOOK	23003	NANTUCKET	25019	LEELANAU	26089
CUMBERLAND	23005	NORFOLK	25021	LEHAWEE	26091
FRANKLIN	23007	PLYMOUTH	25023	LIVINGSTON	26093
HANCOCK	23009	SUFFOLK	25025	LUCE	26095
KENNEBEC	23011	WORCESTER	25027	MACKINAC	26097
KNOX	23013	MICHIGAN	26000	MACOMB	26099
LINCOLN	23015	ALCONA	26003	MARquette	26101
OXFORD	23017	ALGER	26005	MASON	26103
PENOBSCOT	23019	ALLEGAN	26007	MECOSTA	26105
PISCATAQUIS	23021	ALPENA	26009	MEKIGNINEE	26107
SAGadahOC	23023	ANTRIM	26011	MIDLAND	26109
SOMERSET	23025	AREHAC	26013	MISSAUKEE	26111
WALDO	23027	BARAGA	26015	MOIROU	26113
WASHINGTON	23029	BARRY	26017	MONTCALM	26115
YORK	23031	BAY	26019	MORIMORENCY	26117
MARYLAND	24000	BENZIE	26021	MUSKOGON	26119
ALLEGANY	24001	BERRIEN	26023	NEWAYGO	26121
ANNE ARUNDEL	24003	BRANCH	26025	OAKLAND	26123
BALTIMORE	24005	CALHOUN	26027	OCEANA	26125
CALVERT	24009	CASS	26029	OGEMAW	26127
CAROLINE	24011	CHARLEVOIX	26031	ONTONAGON	26129
CARROLL	24013	CHEBOYGAN	26033	OSCEOLA	26131
CECIL	24015	CHIPPEWA	26035	OSCODA	26133
CHARLES	24017	CLARE			26135

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NAME	CODE	NAME	CODE	NAME	CODE
OTSEGO	26137	KITSON	27069	WINONA	27169
OTTAWA	26139	KOOCHICHIING	27071	WRIGHT	27171
PROSQUE ISLE	26141	LAC QUI PARLE	27073	YELLOW MEDICINE	27173
ROSCOMMON	26143	LAKE OF THE WOODS	27075	MISSISSIPPI	28000
SAGINAW	26145	LE SUEUR	27077	ADAMS	28001
ST CLAIR	26147	LINCOLN	27079	ALCORN	28003
ST JOSEPH	26149	LYON	27081	AMITE	28005
SANILAC	26151	MC LEOD	27083	ATTALA	28007
SCHOOLCRAFT	26153	MAHOMEN	27085	BENTON	28009
SHIAWASSEE	26155	MARSHALL	27087	BOULIVAR	20011
TUSCOLA	26157	MARTIN	27089	CALHOUN	28013
VAN BUREN	26159	MEEKER	27091	CARROLL	28015
WASHITENAW	26161	MILLE LACS	27093	CHICKASAW	28017
WAYNE	26163	MORRISON	27095	CHOCTAW	28019
WEXFORD	26165	MOWER	27097	CLATBORNE	28021
MINNESOTA	27000	MURRAY	27099	CLARKE	28023
AITKIN	27001	NICOLLET	27101	CLAY	28025
ANOKA	27003	NOBLES	27103	COAKONA	28027
BECKER	27005	NORMAN	27105	COPIAH	28029
BELTRAMI	27007	OLMSTED	27107	COVINGTON	28031
DENTON	27009	OTTER TAIL	27109	DE SOTO	28033
BIG STONE	27011	PENNINGTON	27111	FORREST	28035
BLUE EARTH	27013	PINE	27113	FRANKLIN	28037
BROWN	27015	PIPESTONE	27115	GEORGE	28039
CARLTON	27017	POLK	27117	GRENE	28041
CARVER	27019	POPE	27119	GRENADA	28043
CASS	27021	RAMSEY	27121	HARCOCK	28045
CHIPPEWA	27023	RED LAKE	27123	HARRISON	28047
CHISAGO	27025	REDWOOD	27125	HIDDS	28049
CLAY	27027	RENVILLE	27127	HOLMES	28051
CLEARWATER	27029	ROCK	27129	HUMPHREYS	28053
COOK	27031	ROSEAU	27131	ISSAQUEUA	28055
COTTONWOOD	27033	ST LOUIS	27133	ITAWAMBA	28057
CROW WING	27035	SCOTT	27135	JACKSON	28059
DAKOTA	27037	SHERBURNE	27137	JASPER	28061
DODGE	27039	SIBLEY	27139	JEFFERSON	28063
DOUGLAS	27041	STEARNS	27141	JOHNS	28065
FARIBAULT	27043	STEELE	27143	KEMPFR	28067
FILLMORE	27045	STEVENS	27145	LAFAYETTE	28069
FREEBORN	27047	SWIFT	27147	LANAR	28071
GOODHUE	27049	TODD	27149	LAUREDALE	28073
GRANT	27051	TRAVERSE	27151	LAWRENCE	28075
HENNEPIN	27053	WABASHA	27153	LEAKE	28077
HOUSTON	27055	WADENA	27155	LEE	28079
HUBBARD	27057	WASECA	27157	LEEFLORE	28081
ISANTI	27059	WASHINGTON	27159	LINCOLN	28083
ITASCA	27061	WATONWAN	27161	LOWNDES	28085
JACKSON	27063	WILKIN	27163	MADISON	28087
KANABEC	27065		27165	MARION	28089
KANDIYOHI	27067		27167		28091

STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
MARSHALL	28093	CALLAWAY	29027	MARION	29127
MONROE	28095	CAMDEN	29029	MERCER	29129
MONTGOMERY	28097	CAPE GIRARDEAU	29031	MILLER	29131
MESHOBA	28099	CARROLL	29033	MISSISSIPPI	29133
NEWTON	28101	CARTER	29035	MOJITEAU	29135
NOXUBEE	28103	CASS	29037	MOHRE	29137
OKTIBBEHA	28105	CEDAR	29039	MONTGOMERY	29139
PANOLA	28107	CHARITON	29041	MORGAN	29141
PEARL RIVER	28109	CHRISTIAN	29043	NEW MADRID	29143
PERRY	28111	CLARK	29045	NEWTON	29145
PIKE	28113	CLAY	29047	NODAWAY	29147
PONTOTOC	28115	CLINON	29049	OREGON	29149
PRENTISS	28117	COLE	29051	OSAGE	29151
QUITMAN	28119	COOPER	29053	OZARK	29153
RANKIN	28121	CRAWFORD	29055	PEMISCOT	29155
SCOTT	28123	DADE	29057	PERRY	29157
SHARKEY	28125	DALLAS	29059	PETTIS	29159
SIMPSON	28127	DAVISS	29061	PHELPS	29161
SMITH	28129	DE KALB	29063	PIKE	29163
STONE	28131	DENT	29065	PLATTE	29165
SUNFLOWER	28133	DOUGLAS	29067	POLK	29167
TALLAHATCHIE	28135	DUNKLIN	29069	PULASKI	29169
TATE	28137	FRANKLIN	29071	PUINAM	29171
TIPPDAH	28139	GASCONADE	29073	RALLS	29173
TISHOMINGO	28141	GENTRY	29075	RAUDOLPH	29175
TUNICA	28143	GREENE	29077	RAY	29177
UNION	28145	GRUNDY	29079	REYNOLDS	29179
WALTHALL	28147	HARRISON	29081	RIPLEY	29181
WARREN	28149	HENRY	29083	ST CHARLES	29183
WASHINGTON	28151	HICKORY	29085	ST CLAIR	29185
WAYNE	28153	HOLT	29087	ST FRANCOIS	29187
WEBSTER	28155	HOWARD	29089	ST LOUIS	29189
WILKINSON	28157	HOWELL	29091	STE GLREVIEVE	29193
WINSTON	28159	IRON	29093	SALINE	29195
YALOBUSHA	28161	JACKSON	29095	SCHUYLER	29197
YAZOO	28163	JASPER	29097	SCOTLAND	29199
MISSOURI	29000	JEFFERSON	29099	SCOTT	29201
ADAIR	29001	JOHNSON	29101	SHANKON	29203
ANDREW	29003	KNOX	29103	SHELBY	29205
ATCHISON	29005	LACIEDE	29105	STUDDARD	29207
AUDRAIN	29007	LAFAYETTE	29107	STONE	29209
BARRY	29009	LAWRENCE	29109	SULLIVAN	29211
BARTON	29011	LEWIS	29111	TAREY	29213
BATES	29013	LINCOLN	29113	TEXAS	29215
BENTON	29015	LINN	29115	VERNON	29217
BOLLINGER	29017	LIVINGSTON	29117	WARREN	29219
BOONE	29019	MC DONALD	29119	WASHINGTON	29221
BUCHANAN	29021	MACON	29121	WAYNE	29223
BUTLER	29023	MADISON	29123	WEBSTER	29225
CALDWELL	29025	MARIES	29125	WORTH	29227

STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
WRIGHT	29229	STILLWATER	30095	HALL	31079
ST LOUIS CITY	29510	SWEET GRASS	30097	HAMILTON	31081
MONSIEUR	30000	TETON	30099	HARLAN	31083
BEAVERHEAD	30001	TOOLE	30101	HAYES	31085
BIG HORN	30003	TREASURE	30103	HITCHCOCK	31007
BLAINE	30005	VALLEY	30105	HOLT	31089
BROADWATER	30007	WHEATLAND	30107	HOOKER	31091
CARBON	30009	WIBAUX	30109	HOWARD	31093
CARTER	30011	YELLOWSTONE	30111	JEFFERSON	31095
CASCADE	30013	YELLOWSTONE NATIONAL PARK	30113	JOHNSON	31097
CHOUTEAU	30015	NEBRASKA	31000	KEARNEY	31099
CUSTER	30017	ADAMS	31001	KEITH	31101
DANIELS	30019	ANTELOPE	31003	KEYA PAHA	31103
DAWSON	30021	ARTHUR	31005	KINBALL	31105
DEER LODGE	30023	BANNER	31007	KNOX	31107
FALLON	30025	BLAINE	31009	LAFFCASTER	31109
FERGUS	30027	BOONE	31011	LITCOLN	31111
FLATHEAD	30029	BOX BUTTE	31013	LOGAN	31113
GALLATIN	30031	BOYD	31015	LOUP	31115
GARFIELD	30033	DROWN	31017	MC PHERSON	31117
GLACIER	30035	BUFFALO	31019	MADISON	31119
GOLDEN VALLEY	30037	BURT	31021	MERRICK	31121
GRANITE	30039	BUTLER	31023	MORRILL	31123
HILL	30041	CASS	31025	MANCHE	31125
JEFFERSON	30043	CEDAR	31027	NEMAH	31127
JUDITH BASIN	30045	CHASE	31029	NUCKOLLS	31129
LAKE	30047	CHEERY	31031	OTOE	31131
LEWIS AND CLARK	30049	CHEYENNE	31033	PANTEE	31133
LIBERTY	30051	CLAY	31035	PERKINS	31135
LINCOLN	30053	COLFAX	31037	PHELPS	31137
MC CONE	30055	CUMING	31039	PIERCE	31139
MADISON	30057	CUSTER	31041	PLATTE	31141
MEAGHER	30059	DAKOTA	31043	POLK	31143
MINERAL	30061	DAWES	31045	RED WILLOW	31145
MISSOULA	30063	DAWSON	31047	RICHARDSON	31147
MUSSELSHELL	30065	DEUEL	31049	ROCK	31149
PARK	30067	DIXON	31051	SALINE	31151
PETROLEUM	30069	DOUGLAS	31053	SARPY	31153
PHILLIPS	30071	DUNDY	31055	SAUNDERS	31155
POHDERA	30073	FILLMORE	31057	SCOTT'S BLUFF	31157
POWDER RIVER	30075	FRAKLIN	31059	SEWARD	31159
POWELL	30077	FONTELLER	31061	SHERIDAN	31161
PRAIRIE	30079	FURNAS	31063	SHERMAN	31163
RAVALLI	30081	GAGE	31065	STOUX	31165
RICHLAND	30083	GARDEN	31067	STANTON	31167
ROOSEVELT	30085	GARFIELD	31069	THAYER	31169
ROSEBUD	30087	GOSPER	31071	THOMAS	31171
SANDERS	30089	GRANT	31073	THURSTON	31173
SHERIDAN	30091	GREELEY	31075	VALLEY	31175
SILVER BOW	30093		31077	WASHINGTON	31177

STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
WAYNE	31179	PASSAIC	34031	COLUMBIA	36021
WEBSTER	31181	SALEM	34033	CORTLAND	36023
WHEELER	31183	SOMERSET	34035	DELAWARE	36025
YORK	31185	SUSSEX	34037	DUTCHESS	36027
NEVADA	32000	UNION	34039	ERIE	36029
CHURCHILL	32001	WARREN	34041	ESSEX	36031
CLARK	32003	NEW MEXICO	35000	FRANKLIN	36033
DOUGLAS	32005	DETRALILLO	35001	FULTON	36035
ELKO	32007	CATRON	35003	GENESEE	36037
ESMERALDA	32009	CHAVES	35005	GREEHE	36039
EUREKA	32011	COLFAX	35007	HAMILTON	36041
HUMBOLDT	32013	CURRY	35009	HERKIMER	36043
LANDER	32015	DE BACA	35011	JEFFERSON	36045
LINCOLN	32017	DONA ANA	35013	KINGS	36047
LYON	32019	EDDY	35015	LEWIS	36049
MINERAL	32021	GRAFT	35017	LIVINGSTON	36051
NYE	32023	GUADALUPE	35019	MADISON	36053
ORMSBY	32025	HARDING	35021	MOHROE	36055
PERSHING	32027	HIDALGO	35023	MONTEGOMERY	36057
STOREY	32029	LEA	35025	NASSAU	36059
WASHOE	32031	LINCOLN	35027	NEW YORK	36061
WHITE PINE	32033	LOS ALAMOS	35028	NIAGARA	36063
CARSON CITY CITY	32510	LUNA	35029	ONEIDA	36065
NEW HAMPSHIRE	33000	MC KINLEY	35031	ONONDAGO	36067
BELKNAP	33001	MORA	35033	ONTARIO	36069
CARROLL	33003	OTERO	35035	ORANGE	36071
CHESHIRE	33005	QUAY	35037	ORLEANS	36073
COOS	33007	RIO ARRIBA	35039	OSWEGO	36075
GRAFTON	33009	ROOSEVELT	35041	OTSEGO	36077
HILLSBOROUGH	33011	SANDOVAL	35043	PUTNAM	36079
MERRIMACK	33013	SAN JUAN	35045	QUEENS	36081
ROCKINGHAM	33015	SAN MIGUEL	35047	REISSELAER	36083
STRAFFORD	33017	SANTA FE	35049	RTCLIMOND	36085
SULLIVAN	33019	SIERRA	35051	ROCKLAND	36087
NEW JERSEY	34000	SOCORRO	35053	ST LAVRENCE	36089
ATLANTIC	34001	TAOS	35055	SARATOGA	36091
BERGEN	34003	TORRANCE	35057	SCHEHLCTADY	36093
BURLINGTON	34005	UNION	35059	SCHOHARIE	36095
CAMDEN	34007	VALENCIA	35061	SCHUYLER	36097
CAPE MAY	34009	NEW YORK	36000	SERECA	36099
CUMBERLAND	34011	ALBANY	36001	STEURIN	36101
ESSEX	34013	ALLEGANY	36003	SUFFOLK	36103
GLOUCESTER	34015	BROOK	36005	SULLIVAN	36105
HUDSON	34017	BROOME	36007	TIOGA	36107
HUNTERDON	34019	CATTARAUGUS	36009	TOMPKINS	36109
MERCER	34021	CAYUGA	36011	ULSTER	36111
MIDDLESEX	34023	CHAUTAUQUA	36013	WARREN	36113
MONMOUTH	34025	CHENUNG	36015	WASHINGTON	36115
MORRIS	34027	CHENANGO	36017	WAYNE	36117
DCEAN	34029	CLINTON	36019	WESTCHESTER	36119

STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
WYOMING	36121	HYDE	37095	WILSON	37195
YATES	36123	TREDELL	37097	YADKIN	37197
<u>NORTH CAROLINA</u>	37000	JACKSON	37099	YANCEY	37199
ALAMANCE	37001	JOHNSTON	37101	<u>NORTH DAKOTA</u>	38000
ALEXANDER	37003	JONES	37103	ADAMS	38001
ALLEGHANY	37005	LEE	37105	BARNE'S	38003
ANSON	37007	LENOIR	37107	BENSON	38005
ASHE	37009	LINCOLN	37109	BILLINGS	38007
AVERY	37011	MC DOWELL	37111	BOTTINEAU	38009
BEAUFORT	37013	MACON	37113	BOWMAN	38011
BERTIE	37015	MADISON	37115	BURKE	38013
BLADEN	37017	MARTIN	37117	BURLEIGH	38015
BRUNSWICK	37019	MECKLENBURG	37119	BURLEIGH	38017
BUNCOMBE	37021	MITCHELL	37121	CASS	38019
BURKE	37023	MONTGOMERY	37123	CAVALIER	38021
CABARRUS	37025	MOORE	37125	DICKEY	38023
CALDWELL	37027	NASH	37127	DIVIDE	38025
CAMDEN	37029	NEW HANOVER	37129	DURN	38027
CARTERET	37031	NORTHAMPTON	37131	EDDY	38029
CASWELL	37033	ONSLow	37133	EMMONS	38031
CATAWBA	37035	ORANGE	37135	FOSTER	38033
CHATHAM	37037	PAMLICO	37137	GOLDEN VALLEY	38035
CHEROKEE	37039	PASQUOTANK	37139	GRAND FORKS	38037
CHOWAN	37041	PENDER	37141	GRANT	38039
CLAY	37043	PERQUIMANS	37143	GRIGGS	38041
CLEVELAND	37045	PERSON	37145	HETTINGER	38043
COLUMBUS	37047	PITT	37147	KIDDER	38045
CRAVEN	37049	POLK	37149	LA MOURE	38047
CUMBERLAND	37051	RANDOLPH	37151	LOGAN	38049
CURRITUCK	37053	RICHMOND	37153	MC HENRY	38051
DARE	37055	ROBESON	37155	MC INTOSH	38053
DAVIDSON	37057	ROCKINGHAM	37157	MC KENZIE	38055
DAVIE	37059	ROWAN	37159	MC LEAN	38057
DUPLIN	37061	RUTHERFORD	37161	MERCER	38059
DURHAM	37063	SAMPSON	37163	MOHON	38061
EDGECOMBE	37065	SCOTLAND	37165	MOUNTRAIL	38063
FORSYTH	37067	STANLY	37167	NELSON	38065
FRANKLIN	37069	STOKES	37169	OLIVER	38067
GASTON	37071	SURRY	37171	PENNINGTON	38069
GATES	37073	SWAIN	37173	PIERCE	38071
GRAHAM	37075	TRANSYLVANIA	37175	RANSEY	38073
GRANVILLE	37077	TYRRELL	37177	RAHSON	38075
GREENE	37079	UNION	37179	RENNELLS	38077
GUILFORD	37081	VANCE	37181	REICHLAND	38079
HALIFAX	37083	WAKE	37183	ROLETTE	38081
HARNETT	37085	WARREN	37185	SARGENT	38083
HAYWOOD	37087	WASHINGTON	37187	SHERIDAN	38085
HENDERSON	37089	WATAUGA	37189	STIOUX	38087
HERTFORD	37091	WAYNE	37191	SLOPE	38089
HOKE	37093	WILKES	37193	STARK	38091
				STEELE	38093

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NAME	CODE	NAME	CODE	NAME	CODE
STUTSMAN	38093	LAKE	39085	BEAVER	40007
TOWNER	38095	LAWRENCE	39087	BECKHAM	40009
TRAILL	38097	LICKING	39089	BLAINE	40011
WALSH	38099	LOGAN	39091	BRYAN	40013
WARD	38101	LORAIN	39093	CADDO	40015
WELLS	38103	LUCAS	39095	CAHADIAN	40017
WILLIAMS	38105	MADISON	39097	CARTER	40019
OHIO	39000	MAHONING	39099	CHEROKEE	40021
ADAMS	39001	MARION	39101	CHOCTAW	40023
ALLEN	39003	MEDINA	39103	CIMARRON	40025
ASHLAND	39005	MELGS	39105	CLEVELAND	40027
ASHTABULA	39007	MERCER	39107	COAL	40029
ATHENS	39009	MIAMI	39109	CONANCHE	40031
AUGLAIZE	39011	MONROE	39111	COTTON	40033
DELMONT	39013	MONTGOMERY	39113	CRAIG	40035
BROWN	39015	MORGAN	39115	CREEK	40037
BL. LER	39017	MORROW	39117	CUSTER	40039
CARROLL	39019	MUSKINGUM	39119	DELAWARE	40041
CHAMPAIGN	39021	NOBLE	39121	DEWEY	40043
CLARK	39023	OTTAWA	39123	ELLIS	40045
CLERMONT	39025	PAULDING	39125	GARFIELD	40047
CLINTON	39027	PERRY	39127	GARVIN	40049
COLUMBIANA	39029	PICKAWAY	39129	GRADY	40051
COSHOCION	39031	PIKE	39131	GRANT	40053
CRAWFORD	39033	PORTAGE	39133	GREER	40055
CUYAHOGA	39035	PREBLE	39135	HARMON	40057
DARKE	39037	PUTNAM	39137	HARPER	40059
DEFIANCE	39039	RICHLAND	39139	HASKELL	40061
DELAWARE	39041	ROSS	39141	HUGHES	40063
ERIE	39043	SANDUSKY	39143	JACKSON	40065
FAIRFIELD	39045	SCIOTO	39145	JEFFERSON	40067
FAYETTE	39047	SENECA	39147	JOHNSTON	40069
FRANKLIN	39049	SHELBY	39149	KAY	40071
FULTON	39051	STARK	39151	KING FISHER	40073
GALLIA	39053	SUMMIT	39153	KIOWA	40075
GEAUGA	39055	TRUMBULL	39155	LATIMER	40077
GREENE	39057	TUSCARAWAS	39157	LE FLORE	40079
GUERNSEY	39059	UNION	39159	LINCOLN	40081
HAMILTON	39061	VAN WERT	39161	LOGAN	40083
HANCOCK	39063	VINTON	39163	LOVE	40085
HARDIN	39065	WARREN	39165	MC CLAIN	40087
HARRISON	39067	WASHINGTON	39167	MC CURTAIN	40089
HENRY	39069	WAYNE	39169	MC INTOSH	40091
HIGHLAND	39071	WILLIAMS	39171	MAJOR	40093
HOCKING	39073	WOOD	39173	MARSHALL	40095
HOLMES	39075	WYANDOT	39175	MAYES	40097
HURON	39077	OKLAHOMA	40000	MURRAY	40099
JACKSON	39079	ADAIR	40001	MUSKOGEE	40101
JEFFERSON	39081	ALFALFA	40003	NOBLE	40103
KNOX	39083	ATOKA	40005	NOWATA	40105

STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
OKFUSKEE	40107	MULTNOMAH	41051	LEHIGH	42077
OKLAHOMA	40109	POLK	41053	LUZERNE	42079
OKMULGEE	40111	SHERMAN	41055	LYCOMING	42081
OSAGE	40113	TILLAMOOK	41057	MC KEAN	42083
OTTAWA	40115	UMATILLA	41059	MERCER	42085
PAWNEE	40117	UNION	41061	MIFFLIN	42087
PAYNE	40119	WALLOWA	41063	MONROE	42089
PITTSBURG	40121	WASCO	41065	MOITGOMERY	42091
PONTOTOC	40123	WASHINGTON	41067	MONTGOMERY	42093
POTTAWATOMIE	40125	WHEELER	41069	NORTHAMPTON	42095
PUSIMATAHA	40127	YAMHILL	41071	NORTHUMBERLAND	42097
ROGER MILLS	40129	PENNSYLVANIA	42000	PERRY	42099
ROGERS	40131	ADAMS	42001	PHILADELPHIA	42101
SEMINOLE	40133	ALLEGHENY	42003	PIKE	42103
SEQUOYAH	40135	ARMSTRONG	42005	POTTER	42105
STEPHENS	40137	BLAVER	42007	SCHUYLKILL	42107
TEXAS	40139	BEDFORD	42009	SNYDER	42109
TILLMAN	40141	BERKS	42011	SOMERSET	42111
TULSA	40143	BLAIR	42013	SULLIVAN	42113
WAGONER	40145	BRADFORD	42015	SUSQUEHANNA	42115
WASHINGTON	40147	BUCKS	42017	TIOGA	42117
WASHITA	40149	BUTLER	42019	UNION	42119
WOODS	40151	CAMBRIA	42021	VENANGO	42121
WOODWARD	40153	CAMERON	42023	WARREN	42123
OREGON	41000	CARBON	42025	WASHINGTON	42125
BAKER	41001	CENTRE	42027	WAYNE	42127
BENTON	41003	CHESTER	42029	WESTMORELAND	42129
CLACKAMAS	41005	CLARION	42031	WYOMING	42131
CLATSOP	41007	CLEARFIELD	42033	YORK	42133
COLUMBIA	41009	CLINTON	42035	RHODE ISLAND	44000
COOS	41011	COLUMBIA	42037	BRISTOL	44001
CROOK	41013	CRAWFORD	42039	KENT	44003
CURRY	41015	CUMBERLAND	42041	NEWPORT	44005
DESCHUTES	41017	DAUPHIN	42043	PROVIDENCE	44007
DOUGLAS	41019	DELAWARE	42045	WASHINGTON	44009
GILLIAM	41021	ELK	42047	SOUTH CAROLINA	45000
GRANT	41023	ERIE	42049	ABBEVILLE	45001
HARNEY	41025	FAYETTE	42051	AIKEN	45003
HODD RIVER	41027	FOREST	42053	ALLENDALE	45005
JACKSON	41029	FRANKLIN	42055	ANDERSON	45007
JEFFERSON	41031	FULTON	42057	DAMBERG	45009
JOSEPHINE	41033	GREENE	42059	BARNWELL	45011
KLAMATH	41035	HUNTINGDON	42061	BEAUFORT	45013
LAKE	41037	INDIANA	42063	BERKELEY	45015
LANE	41039	JEFFERSON	42065	CALHOUN	45017
LINCOLN	41041	JUNIATA	42067	CHARLESTON	45019
LINN	41043	LACKAWANNA	42069	CHEROKEE	45021
MALHEUR	41045	LANCASTER	42071	CHESTER	45023
MARION	41047	LAWRENCE	42073	CHESTERFIELD	45025
MORROW	41049	LEBANON	42075	CLARENDON	45027

STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
COLLETON	45029	DAVISON	46035	YANKTON	46135
DARLINGTON	45031	DAY	46037	ZIEBACH	46137
DILLON	45033	DEUEL	46039	TENNESSEE	47000
DORCHESTER	45035	DEWEY	46041	ANDERSON	47001
EDGEFIELD	45037	DOUGLAS	46043	BEDFORD	47003
FAIRFIELD	45039	EDMONDS	46045	BEHTON	47005
FLORENCE	45041	FALL RIVER	46047	BLEDSE	47007
GEORGETOWN	45043	FAULK	46049	BLOUNT	47009
GREENVILLE	45045	GRANT	46051	BRADLEY	47011
GREENWOOD	45047	GREGORY	46053	CAMPDELL	47013
HAMPTON	45049	HAAGON	46055	CANNON	47015
HORRY	45051	HAMLIN	46057	CARROLL	47017
JASPER	45053	HAND	46059	CARTER	47019
KERSHAW	45055	HANSON	46061	CHEATHAM	47021
LANCASTER	45057	HARDING	46063	CHESTER	47023
LAURENS	45059	HUGHES	46065	CLAIBORNE	47025
LEE	45061	HUTCHINSON	46067	CLAY	47027
LEXINGTON	45063	HYDE	46069	COCKE	47029
MC CORMICK	45065	JACKSON	46071	COFFEE	47031
MARION	45067	JERARD	46073	CROCKETT	47033
MARLBORO	45069	JONES	46075	CUMBERLAND	47035
NEWBERRY	45071	KINGSBURY	46077	DAVIDSON	47037
OCONEE	45073	LAKE	46079	DECATUR	47039
ORANGEBURG	45075	LAWRENCE	46081	DE KALB	47041
PICKENS	45077	LINCOLN	46083	DICKSON	47043
RICHLAND	45079	LYMAN	46085	DYER	47045
SALUDA	45081	MC COOK	46087	FAYETTE	47047
SPARTANBURG	45083	MC PHERSON	46089	FEHTRESS	47049
SUMTER	45085	MARSHALL	46091	FRANKLIN	47051
UNION	45087	MEADE	46093	GIBSON	47053
WILLIAMSBURG	45089	MELLETTTE	46095	GILES	47055
YORK	45091	MINER	46097	GRAINGER	47057
SOUTH DAKOTA	46000	MINNEHAHA	46099	GREENE	47059
ARMSTRONG	46001	MOODY	46101	GRUNDY	47061
AURORA	46003	PENNINGTON	46103	HAMBLEN	47063
BEADLE	46005	PERKINS	46105	HAMILTON	47065
BENHETT	46007	POTTER	46107	HANCOCK	47067
BON HOMME	46009	ROBERTS	46109	HARDEMAN	47069
BROOKINGS	46011	SANDORN	46111	HARDIN	47071
BROWN	46013	SHANNON	46113	HAWKINS	47073
BRULE	46015	SPINK	46115	HAYWOOD	47075
BUFFALO	46017	STANLEY	46117	HENDERSON	47077
BUTTE	46019	SULLY	46119	HENRY	47079
CAMPBELL	46021	TODD	46121	HICKMAN	47081
CHARLES MIX	46023	TRIPP	46123	HOUSTON	47083
CLARK	46025	TURNER	46125	HUMPHREYS	47085
CLAY	46027	UNION	46127	JACKSON	47087
CODINGTON	46029	WALWORTH	46129	JEFFERSON	47089
CORSON	46031	WASHAUBAUGH	46131	JOHNSON	47091
CUSTER	46033	WASHINGTON	46133	KNOX	47093

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NAME	CODE	NAME	CODE	NAME	CODE
LAKE	47095	ANDREWS	48003	CRANE	48103
LAUDERDALE	47097	ANGELINA	48005	CROCKETT	48105
LAWRENCE	47099	ARANSAS	48007	CROSBY	48107
LEWIS	47101	ARCHER	48009	CULBERSON	48109
LINCOLN	47103	ARMSTRONG	48011	DALLAM	48111
LOUDON	47105	ATASCOSA	48013	DALLAS	48113
MC MINN	47107	AUSTIN	48015	DAWSON	48115
MC NAIRY	47109	BAILEY	48017	DEAF SMITH	48117
MACON	47111	BANDERA	48019	DELTA	48119
MADISON	47113	BASTROP	48021	DENTON	48121
MARION	47115	BAYLOR	48023	DE WITT	48123
MARSHALL	47117	BEE	48025	DICKENS	48125
MAURY	47119	BELL	48027	DIMMIT	48127
MEIGS	47121	BEXAR	48029	DONLEY	48129
MONROE	47123	BLANCO	48031	DUVAL	48131
MONTGOMERY	47125	BORDEN	48033	EASTLAND	48133
MORE	47127	BOSQUE	48035	ECTOR	48135
MORGAN	47129	BOWIE	48037	EDWARDS	48137
OBION	47131	BRAZORIA	48039	ELLIS	48139
OVERTON	47133	BRAZOS	48041	EL PASO	48141
PERRY	47135	BREWSTER	48043	ERATH	48143
PICKETT	47137	BRISCOE	48045	FALLS	48145
POLK	47139	BROOKS	48047	FANNIN	48147
PUTNAM	47141	BROWN	48049	FAYETTE	48149
RHEA	47143	BURLESON	48051	FISHER	48151
ROANE	47145	BURNET	48053	FLOYD	48153
ROBERTSON	47147	CALDWELL	48055	FOARD	48155
RUTHERFORD	47149	CALHOUN	48057	FORT BEND	48157
SCOTT	47151	CALLAHAN	48059	FRANKLIN	48159
SEQUATCHIE	47153	CAMERON	48061	FREESTONE	48161
SEVIER	47155	CAMP	48063	FRIO	48163
SHELBY	47157	CARSON	48065	GAINES	48165
SMITH	47159	CASS	48067	GALVESTON	48167
STEWART	47161	CASTRO	48069	GARZA	48169
SULLIVAN	47163	CHAMBERS	48071	GILLESPIE	48171
SUMNER	47165	CHEROKEE	48073	GLASSCOCK	48173
TIPTON	47167	CHILDRESS	48075	GOLIAD	48175
TROUSDALE	47169	CLAY	48077	GONZALES	48177
UNICOI	47171	COCHRAN	48079	GRAY	48179
UNION	47173	COKE	48081	GRAYSON	48181
VAN BUREN	47175	COLEMAN	48083	GREGG	48183
WARREN	47177	COLLIN	48085	GRINES	48185
WASHINGTON	47179	COLLINGSWORTH	48087	GUADALUPE	48187
WAYNE	47181	COLORADO	48089	HALE	48189
WEAKLEY	47183	COMAL	48091	HALL	48191
WHITE	47185	COMANCHE	48093	HAMILTON	48193
WILLIAMSON	47187	CONCHO	48095	HANSFORD	48195
WILSON	47189	COOKE	48097	HARDEMAN	48197
TEXAS	48000	CORYELL	48099	HARDIN	48199
ANDERSON	48001	COTTLE	48101	HARRIS	48201

STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
HARRISON	48203	LUBBOCK	48303	SABINE	48403
HARTLEY	48205	LYNN	48305	SAN AUGUSTINE	48405
HASKELL	48207	MC CULLOCH	48307	SAN JACINTO	48407
HAYS	48209	MC LENNAN	48309	SAN PATRICIO	48409
HEMPHILL	48211	MC MULLEN	48311	SAN SABA	48411
HENDERSON	48213	MADISON	48313	SCHLEICHER	48413
HIDALGO	48215	MARION	48315	SCURRY	48415
HILL	48217	MARTIN	48317	SHACKELFORD	48417
HOCKLEY	48219	MASON	48319	SHELBY	48419
HOOD	48221	MATAGORDA	48321	SHERMAN	48421
HOPKINS	48223	MAVERICK	48323	SMITH	48423
HOUSTON	48225	MEDINA	48325	SOMERVELL	48425
HOWARD	48227	MENARD	48327	STARR	48427
HUDSPETH	48229	MIDLAND	48329	STAPPEANS	48429
HUNT	48231	MILAM	48331	STERLING	48431
HUTCHINSON	48233	MILLS	48333	STONEWALL	48433
IRION	48235	MITCHELL	48335	SUTTON	48435
JACK	48237	MONTAGUE	48337	SWISHER	48437
JACKSON	48239	MONTGOMERY	48339	TARRANT	48439
JASPER	48241	MOORE	48341	TAYLOR	48441
JEFF DAVIS	48243	MORRIS	48343	TERRELL	48443
JEFFERSON	48245	MOTLEY	48345	TERRY	48445
JIM HOGG	48247	NACOGDOCHES	48347	THROCKMORTON	48447
JIM WELLS	48249	NAVARRO	48349	TITUS	48449
JOHNSON	48251	NEWTON	48351	TOM GREEN	48451
JONES	48253	NOLAN	48353	TRAVIS	48453
KARNES	48255	NUECES	48355	TRINITY	48455
KAUFMAN	48257	OCHILTREE	48357	TYLER	48457
KENDALL	48259	OLDHAM	48359	UPSAUR	48459
KENEDY	48261	ORANGE	48361	UPTON	48461
KENT	48263	PAILO PINTO	48363	UVALDE	48463
KERR	48265	PANOLA	48365	VAL VERDE	48465
KIMBLE	48267	PARKER	48367	VAN ZANDT	48467
KING	48269	PARMER	48369	VICTORIA	48469
KINNEY	48271	PECOS	48371	WALKER	48471
KLEBERG	48273	POLK	48373	WALLER	48473
KNOX	48275	POTTER	48375	WARD	48475
LAMAR	48277	PRESIDIO	48377	WASHINGTON	48477
LAMB	48279	RAINS	48379	WEBB	48479
LAMPASAS	48281	RANDALL	48381	WHARTON	48481
I.A. SALLE	48283	REAGAN	48383	WHEELER	48483
LAVACA	48285	REAL	48385	WICHITA	48485
LEE	48287	RED RIVER	48387	WILBAIRER	48487
LEON	48289	REEVES	48389	WILLACY	48489
LIBERTY	48291	REFUGIO	48391	WILLIAMSON	48491
LIMESTONE	48293	ROBERTS	48393	WILSON	48493
LIPSCOMB	48295	ROBERTSON	48395	WINKLER	48495
LIVE OAK	48297	ROCKWALL	48397	WISE	48497
LLANO	48299	RUNNELS	48399	WOOD	48499
LOVING	48301	RUSK	48401	YOAKUM	48501

STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
YOUNG	48503	AIDEMARLE	51003	LANCASTER	51103
ZAPATA	48505	ALIEGHANY	51005	LEE	51105
ZAVALA	48507	AMELTA	51007	LOUDOUN	51107
UTAH	49000	AMIERST	51009	LOUISA	51109
BEAVER	49001	APPOMATTOX	51011	LUNENBERG	51111
BOX ELDER	49003	ARLINGTON	51013	MADISON	51113
CACHE	49005	AUGUSTA	51015	MATHEWS	51115
CARBON	49007	BATH	51017	MECKLENBURG	51117
DAGGETT	49009	BEDFORD	51019	MIDDLESEX	51119
DAVIS	49011	BLAND	51021	MONTGOMERY	51121
DUCHESNE	49013	BOTETOURT	51023	NANSEMOND	51123
EMERY	49015	BIRKSWICK	51025	NELSON	51125
GARFIELD	49017	BUCHANAN	51027	NEW KENT	51127
GRAND	49019	BUCKINGHAM	51029	NORFOLK	51129
IRON	49021	CAMPBELL	51031	NORTHAMPTON	51131
JUAB	49023	CAROLINE	51033	NORTHUMBERLAND	51133
KANE	49025	CARROLL	51035	NOTTOWAY	51135
MILLARD	49027	CHARLES CITY	51036	ORANGE	51137
MORGAN	49029	CHARLOTTE	51037	PAGE	51139
PIUTE	49031	CHESTERFIELD	51041	PATRICK	51141
RICH	49033	CLARKE	51043	PITTSYLVANIA	51143
SALT LAKE	49035	CRAIG	51045	POMIATAN	51145
SAN JUAN	49037	CULPEPER	51047	PRINCE EDWARD	51147
SANPETE	49039	CUMBERLAND	51049	PRINCE GEORGE	51149
SEVIER	49041	DICKENSON	51051	PRINCE WILLIAM	51153
SUMMIT	49043	DINWIDDIE	51053	PRINCESS ANNE	51154
TOOELE	49045	ELIZABETH CITY	51055	PULASKI	51155
UINTAH	49047	ESSEX	51057	RAPPAHANNOCK	51157
UTAH	49049	FAIRFAX	51059	RICHMOND	51159
WASATCH	49051	FAUQUIER	51061	ROANOKE	51161
WASHINGTON	49053	FLOYD	51063	ROCKBRIDGE	51163
WAYNE	49055	FLUVANNA	51065	ROCKINGHAM	51165
WEBER	49057	FRANKLIN	51067	RUSSELL	51167
VERMONT	50000	FREDERICK	51069	SCOTT	51169
ADDISON	50001	GILLES	51071	SHENANDOAH	51171
BENNINGTON	50003	GLOUCESTER	51073	SMYTH	51173
CALEDONIA	50005	GOOCHLAND	51075	SOUTHAMPTON	51175
CHITTENDEN	50007	GRAYSON	51077	SPOITSYLVANIA	51177
ESSEX	50009	GREENE	51079	STAFFORD	51179
FRANKLIN	50011	GREENSVILLE	51081	SURRY	51181
GRAND ISLE	50013	HALIFAX	51083	SUSSEX	51183
LAMOILLE	50015	HANOVER	51085	TAZEWELL	51185
ORANGE	50017	HENRICO	51087	WARREN	51187
ORLEANS	50019	HENRY	51089	WARWICK	51189
RUTLAND	50021	HIGHLAND	51091	WASHINGTON	51191
WASHINGTON	50023	ISLE OF WIGHT	51093	WESTMORELAND	51193
WINDHAM	50025	JAMES CITY	51095	WISE	51195
WINDSOR	50027	KING AND QUEEN	51097	WYTHE	51197
VIRGINIA	51000	KING GEORGE	51099	YORK	51199
ACCOMACK	51001	KING WILLIAM	51101	ALEXANDRIA CITY	51510

STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
BEDFORD CITY	51515	COWLITZ	53015	JACKSON	54035
BRISTOL CITY	51520	DOUGLAS	53017	JEFFERSON	54037
BUENA VISTA CITY	51530	FERRY	53019	KANAWHA	54039
CHARLOTTESVILLE CITY	51540	FRANKLIN	53021	LEWIS	54041
CHESAPEAKE CITY	51550	GARFIELD	53023	LINCOLN	54043
CLIFTON FORGE CITY	51560	GRANT	53025	LOGAN	54045
COLONIAL HEIGHTS CITY	51570	GRAYS HARBOR	53027	MC DOWELL	54047
COVINGTON CITY	51580	ISLAND	53029	MARION	54049
DANVILLE CITY	51590	JEFFERSON	53031	MARSHALL	54051
EMPORIA CITY	51595	KING	53033	MASON	54053
FAIRFAX CITY	51600	KITSAP	53035	MERCER	54055
FALLS CHURCH CITY	51610	KITTITAS	53037	MINERAL	54057
FRANKLIN CITY	51620	KLICKITAT	53039	MINGO	54059
FREDERICKSBURG CITY	51630	LEWIS	53041	MONONGALIA	54061
GALAX CITY	51640	LINCOLN	53043	MONROE	54063
HAMPTON CITY	51650	MASON	53045	MORGAN	54065
HARRISONBURG CITY	51660	OKANOGAN	53047	NICHOLAS	54067
HOPWELL CITY	51670	PACIFIC	53049	OHIO	54069
LEXINGTON CITY	51678	PEND OREILLE	53051	PENDLETON	54071
LYNCHBURG CITY	51680	PIERCE	53053	PLEASANTS	54073
MANASSES CITY	51683	SAN JUAN	53055	POCAHONTAS	54075
MANASSES PARK CITY	51685	SKAGIT	53057	PRESTON	54077
MARTINSVILLE CITY	51690	SKAMANIA	53059	PUTNAM	54079
NEWPORT NEWS CITY	51700	SNOHOMISH	53061	RALEIGH	54081
NORFOLK CITY	51710	SPOKANE	53063	RANDOLPH	54083
NORTON CITY	51720	STEVENS	53065	RITCHIE	54085
PETERSBURG CITY	51730	THURSTON	53067	ROANE	54087
POQUOSON CITY	51735	WAHIAKUM	53069	SUMMERS	54089
PORTSMOUTH CITY	51740	WALLA WALLA	53071	TAYLOR	54091
RADFORD CITY	51750	WHATCOM	53073	TUCKER	54093
RICHMOND CITY	51760	WHITMAN	53075	TYLER	54095
ROANOKE CITY	51770	YAKIMA	53077	UPSHUR	54097
SALEM CITY	51775	WEST VIRGINIA	54000	WAYNE	54099
SOUTH BOSTON CITY	51780	BARBOUR	54001	WEBSTER	54101
SOUTH NORFOLK CITY	51785	BERKELEY	54003	WETZEL	54103
STAUNTON CITY	51790	BOONE	54005	WIRT	54105
SUFFOLK CITY	51800	BRAXTON	54007	WOOD	54107
VIRGINIA BEACH CITY	51810	BROOKE	54009	WYOMING	54109
WARWICK CITY	51815	CABELL	54011	WISCONSIN	55000
WAYNESBORO CITY	51820	CALHOUN	54013	ADAMS	55001
WILLIAMSBURG CITY	51830	CLAY	54015	ASHLAND	55003
WINCHESTER CITY	51840	DODDRIDGE	54017	BARRON	55005
WASHINGTON	53000	FAYETTE	54019	BAYFIELD	55007
ADAMS	53001	GILMER	54021	BROWN	55009
ASOTIN	53003	GRANT	54023	BUFFALO	55011
BENTON	53005	GREENBRIER	54025	BURNETT	55013
CHELAN	53007	HAMPSHIRE	54027	CALUMET	55015
CLALLAM	53009	HANCOCK	54029	CHIPPEWA	55017
CLARK	53011	HARDY	54031	CLARK	55019
COLUMBIA	53013	HARRIS	54033	COLUMBIA	55021

STATE AND COUNTY CODES

NAME	CODE	NAME	CODE	NAME	CODE
CRAWFORD	55023	TREMPEALEAU	55121		
DANE	55025	VERNON	55123		
DODGE	55027	VILAS	55125		
DOOR	55029	WALWORTH	55127		
DOUGLAS	55031	WASHBURN	55129		
DUNN	55033	WASHINGTON	55131		
EAU CLAIRE	55035	WAUKESHA	55133		
FLORENCE	55037	WAUPACA	55135		
FOND DU LAC	55039	WAUWATAMA	55137		
FOREST	55041	WINNEBAGO	55139		
GRANT	55043	WOOD	55141		
GREEN	55045	WYOMING	56000		
GREEN LAKE	55047	ALBANY	56001		
IOWA	55049	BIG HORN	56003		
IRON	55051	CAMPBELL	56005		
JACKSON	55053	CARON	56007		
JEFFERSON	55055	CONVERSE	56009		
JUNEAU	55057	CROOK	56011		
KENOSHA	55059	FREMONT	56013		
KEWAUNEE	55061	GOSHEN	56015		
LA CROSSE	55063	HOT SPRINGS	56017		
LAFAYETTE	55065	JOHNSON	56019		
LANGLADE	55067	LARAMIE	56021		
LINCOLN	55069	LINCOLN	56023		
MANITOWOC	55071	NATRONA	56025		
MARATHON	55073	NIOBRARA	56027		
MARINETTE	55075	PARK	56029		
MARQUETTE	55077	PLATTE	56031		
MEROMINEE	55078	SHERIDAN	56033		
MILWAUKEE	55079	SUDLETTE	56035		
MONROE	55081	SWEETWATER	56037		
OCONTO	55083	TETON	56039		
ONEIDA	55085	UINTA	56041		
OUTAGAMIE	55087	WASHAKIE	56043		
OZAUKEE	55089	WESTON	56045		
PEPIN	55091				
PIERCE	55093				
POLK	55095				
PORTAGE	55097				
PRICE	55099				
RACINE	55101				
RICHLAND	55103				
ROCK	55105				
RUSK	55107				
ST CROIX	55109				
SAUK	55111				
SAWYER	55113				
SHAWANO	55115				
SHEBOYGAN	55117				
TAYLOR	55119				

APPENDIX B

TRUCK INVENTORY AND USE SURVEY, 1977

STANDARDIZED MAKES

Make Model Codes

FROM TRUCK CODER

<u>MAKE</u>	<u>M/M CODE</u>		<u>M/M CODE</u>	
	<u>STD. ABBREV.</u>	<u>MAKE</u>	<u>STD. ABBREV.</u>	
Chevrolet	CHE	Freight-Liner (White)	WFT	
Diamond T (White)	DIA	Diamond-Reo	DRE	
Divco	DIV	Four-Wheel Drive	FWD	
Dodge	DOD	Misc. Trucks *	-	
Ford	FOR	Plymouth Trucks	PLY	
GMC	GMC	Winnebago	WNB	
International	INT	Pace Arrow	PCA	
Mack	MCK	Avco	AVC	
Studebaker	STU	Champion	CHP	
White	WHI	Chinook	CHI	
Willys (Jeep)	WIL	Kayot	KYT	
Reo (White)	REO	Open Road	OPD	
Brockway	BKW	Shasta	SHA	
Peterbilt	PTB	Fabco	FAB	
Oshkosh	OSH	Crane Carrier	CNC	
Kenworth	KEN	Marmon	MAR	
Auto Car (White)	AUT	Walter	WAL	

FOREIGN TRUCKS

<u>MAKE</u>	<u>STD. ABBREV.</u>		<u>STD. ABBREV.</u>
Mazda	MAZ	Morris	MOR
Datsun	DAT	Thames	THA
Auto-Union-DKW	DKW	English Ford	EFD
Goliath Hansa	GOL	Toyota/Toyopet	TOY
Hillman-Commer	HIL	Volkswagon	VOL
Landrover	LND		

MISC. FOREIGN

<u>MAKE</u>	<u>STD. ABBREV.</u>		<u>STD. ABBREV.</u>
Alfa Romeo	ALF	Taunus	TAU
Austin	AUS	Prinz	NSU
Goggomobile	GOG	Citroen	CIT
Mercedes	MEB	Lloyd	LOY
Borgward	BOR	Tempo	TEM
Opel	OPE	Volvo	VLV

* Original Make Retained.

APPENDIX C

Registered Weight Requirements for Each State

The following states register by Gross Vehicle Weight in pounds:

Alabama	Kentucky	New Jersey	Texas
Arizona	Louisiana	New Mexico	Utah
Arkansas	Maine	New York	Vermont
Connecticut	Maryland	North Carolina	Virginia
Delaware	Massachusetts	North Dakota	Washington
Georgia	Minnesota	Oklahoma	West Virginia
Illinois	Mississippi	Oregon	Wisconsin
Idaho	Missouri	Pennsylvania	
Indiana	Montana	Rhode Island	
Iowa	Nebraska	South Dakota	
Kansas	New Hampshire	Tennessee	

The following states register by Unladen weight in pounds.

Alaska	Hawaii
California	Michigan
Colorado	Nevada
District of Columbia	Ohio
Florida	Wyoming

The following state registers by Load Capacity in tons:

South Carolina

APPENDIX D

Impute Flags

<u>Impute Flag</u>	<u>Description</u>
A	If Major Use is daily rental, 7 is imputed in Classification of Operator (N.B.: This classification is not on survey form - see Glossary) or; if Classification of Operator is blank, and Major Use is personal transportation, and no products are carried, 1 is imputed in Item 15.
B	If fuel type is not reported and the original information supplied by Polk included a fuel type, it is transferred to Item 29a.
C	If fuel type is gas and cubic inches are given, number of cylinders is imputed, where possible, in Item 29b (based on analysis of average cubic inch ranges for gasoline engines); or, if fuel type is diesel and cubic inches are given, number of cylinders is imputed, where possible, in Item 29b (based on analysis of average cubic inch ranges for diesel engines).
D	If cubic inch entry is greater than 1200 and the make of vehicle is Toyota, Datsun, Volkswagen etc., the entry is assumed to be in cubic centimeters and cubic inches are computed in Item 29c.
E	Census Use Only.
F	If no gross vehicle weight given, Polk GVW code (where available) is transferred to Item 28.
G	If no lifetime miles given, they are imputed in Item 24. (See Glossary).
H	If no annual miles given, they are imputed in Item 23. (See Glossary).

Impute Flag

Description

- I If fleet is unanswered, and if sampled vehicle is a pickup, panel or multi-stop, 0001 is imputed in Item 21a.
- J If fleet size is unanswered, and if sampled vehicle is a single unit truck, 0001 is imputed in Item 21b.
- K If fleet size is unanswered, and if sampled vehicle is a truck-tractor, 0001 is imputed in Item 21c.
- L If percentage of miles traveled in base State is not given, and if sampled vehicle is pickup, panel or multi-stop, 4 is imputed in Item 20b.
- M If sampled vehicle is a pickup, panel or multi-stop, and if number of axles is not given, (Item 21ab on report form) 1 is imputed in Item 38; or, if sampled vehicle is a pickup, panel or multi-stop, and if number of powered axles is listed as 1 (Item 21aa on report form), 1 is imputed in Item 37; or, if sampled vehicle is a pickup, panel or multi-stop, and if number of powered axle is listed as 2 (Item 21aa on report form), 2 is imputed in Item 37.
- N If sampled vehicle is a pickup, panel or multi-stop, and if number of axles is not given (Item 21ab on report form), 1 is imputed in Item 38; or, if sampled vehicle is a pickup, panel or multi-stop, and if number of axles is given (Item 21ab on report form), that information is transferred to Item 38.

APPENDIX E

CONTROL TABLE

Divisions, Regions, and States	FIPS State Code	Number of Records On Tape		Expansion Factor		Expanded Number of Trucks (Thousands)	1977 FHWA ¹ (Thousands)
		Small	Large	Small	Large		
NORTHEAST							
<u>New England</u>							
Maine	23	515	1087	242.3	22.3	149.1	149.2
New Hampshire	33	492	1323	161.2	11.6	94.7	81.5
Vermont	50	525	1088	92.0	9.5	58.6	61.1
Massachusetts	25	477	1212	532.1	48.8	313.0	359.8
Rhode Island	44	502	1358	93.6	8.9	59.1	76.2
Connecticut	09	531	1386	316.8	25.7	203.8	142.2
<u>Middle Atlantic</u>							
New York	36	511	1853	1362.0	86.6	856.5	837.7
New Jersey	34	518	1652	590.7	54.7	396.3	358.0
Pennsylvania	42	510	1869	1565.5	102.2	989.3	1137.8
NORTH CENTRAL							
<u>East North Central</u>							
Ohio	39	437	1661	1513.0	129.4	876.1	1084.5
Indiana	18	519	1922	1129.3	83.7	746.9	812.4
Illinois	17	519	1953	1555.3	103.6	1009.8	1081.3
Michigan	26	540	1917	1577.0	78.2	1001.7	973.8
Wisconsin	55	553	1065	757.1	94.7	519.6	423.1

Divisions, Regions, and States	FIPS State Code	Number of Records on Tape		Expansion Factor		Expanded Number of Trucks (Thousands)	1977 FHWA ¹ (Thousands)
		Small	Large	Small	Large		
<u>West North Central</u>							
Minnesota	27	543	1430	786.7	137.1	623.2	667.3
Iowa	19	498	1377	770.1	106.0	519.5	550.5
Missouri	29	504	1907	1108.5	77.0	705.6	726.5
North Dakota	38	523	1727	232.7	46.7	202.3	228.0
South Dakota	46	504	1329	288.1	28.1	182.6	196.6
Nebraska	31	521	1386	498.5	57.7	339.7	352.4
Kansas	20	512	1393	753.7	89.2	510.1	560.1
SOUTH							
<u>South Atlantic</u>							
Delaware	10	491	1341	100.4	10.0	62.7	62.6
Maryland	24	527	1393	471.7	49.6	317.7	370.8
D.C.	11	238	763	33.0	3.1	10.2	11.9
Virginia	51	507	1309	834.1	82.0	530.2	457.7
West Virginia	54	501	936	510.6	53.2	305.6	348.9
North Carolina	37	523	1912	1152.2	73.2	742.6	873.1
South Carolina	45	521	1356	573.5	39.4	352.3	370.7
Georgia	13	485	1655	1140.6	58.9	650.7	718.5
Florida	12	434	1552	1439.9	86.1	758.6	982.9
<u>East South Central</u>							
Kentucky	21	479	1276	875.8	62.1	498.8	651.0
Tennessee	47	457	895	1031.6	66.5	529.7	653.2
Alabama	01	515	1260	915.3	88.0	582.3	639.4
Mississippi	28	457	852	719.7	37.8	360.5	407.4

Divisions, Regions, and States	FIPS State Code	Number of Records on Tape		Expansion Factor		Expanded Number of Trucks (Thousands)	1977 FHWA (Thousands)
		Small	Large	Small	Large		
<u>West South Central</u>							
Arkansas	05	507	1025	729.0	43.8	414.5	459.8
Louisiana	22	458	1165	855.4	79.6	484.5	655.5
Oklahoma	40	437	1536	1199.1	80.4	647.5	715.9
Texas	48	804	2453	2359.3	94.1	2127.8	2375.7
WEST							
<u>Mountain</u>							
Montana	30	493	1339	356.6	27.6	212.8	265.9
Idaho	16	510	1004	439.8	20.0	244.4	257.0
Wyoming	56	436	1216	201.8	15.2	106.5	147.5
Colorado	08	522	1045	929.5	64.6	552.7	525.2
New Mexico	35	501	987	501.1	19.1	270.0	297.8
Arizona	04	495	866	738.2	46.9	406.0	415.7
Utah	49	512	966	438.4	30.1	254.1	274.6
Nevada	32	500	1006	251.6	12.2	138.1	131.4
<u>Pacific</u>							
Washington	53	527	1055	1063.9	64.4	628.7	735.8
Oregon	41	473	1691	1101.7	41.1	590.6	371.2
California	06	850	2602	3001.3	134.3	2900.5	3113.5
Alaska	02	446	858	192.6	11.4	95.7	88.9
Hawaii	15	501	1425	119.2	7.2	70.0	71.5
TOTALS		25450	69647			26204.0	28311.0

Footnote 1. Federal Highway Administration totals, released October, 1978.
(See Overview section on Comparability with Previous Surveys.)

APPENDIX F

Alphabetic State Codes

UNITED STATES		
Alabama	01	AL
Alaska	02	
Arizona	03	
Arkansas	04	
California	05	
Colorado	06	
Connecticut	07	
Delaware	08	
Dist. of Columbia	09	
Florida	10	
Georgia	11	
Hawaii	12	
Idaho	13	
Illinois	14	
Indiana	15	
Iowa	16	
Kansas	17	
Kentucky	18	
Louisiana	19	
Maine	20	
Maryland	21	
Massachusetts	22	
Michigan	23	
Minnesota	24	
Mississippi	25	
Missouri	26	
Montana	27	
Nebraska	28	
Nevada	29	
New Hampshire	30	
New Jersey	31	
New Mexico	32	
New York	33	
North Carolina	34	
North Dakota	35	
Ohio	36	
Oklahoma	37	
Oregon	38	
Pennsylvania	39	
Rhode Island	40	
South Carolina	41	
South Dakota	42	
Tennessee	43	
Texas	44	
Utah	45	
Vermont	46	
Virginia	47	

Washington	48
West Virginia	49
Wisconsin	50
Wyoming	51

APPENDIX G

TRUCK INVENTORY AND USE
AXLE RECODE

<u>Description</u>		<u>Position 133-135</u>
single unit truck	2 axle	01
single unit truck	3 axle	02
single unit truck	other axle	03
2 axle tractor single trailer	1 axle	04
2 axle tractor single trailer	2 axle	05
2 axle tractor single trailer	2 axle	06
2 axle tractor single trailer	3 axle	07
2 axle tractor single trailer	4 axle	08
2 axle tractor double trailer	3 axle	19
2 axle tractor double trailer	4 axle	20
2 axle tractor triple trailer	5 axle	25
2 axle tractor other trailer	other axle	28
3 axle tractor single trailer	1 axle	09
3 axle tractor single trailer	2 axle	10
3 axle tractor single trailer	2 axle	11
3 axle tractor single trailer	3 axle	12
3 axle tractor single trailer	4 axle	13
3 axle tractor double trailer	3 axle	21
3 axle tractor double trailer	4 axle	22
3 axle tractor triple trailer	5 axle	26
3 axle tractor other trailer	other axle	29
other axle tractor single trailer	1 axle	14
other axle tractor single trailer	2 axle	15

<u>Description</u>		<u>Position 133-135</u>
other axle tractor single trailer	2 axle	16
other axle tractor single trailer	3 axle	17
other axle tractor single trailer	4 axle	18
other axle tractor double trailer	3 axle	23
other axle tractor double trailer	4 axle	24
other axle tractor triple trailer	5 axle	27
other axle tractor other trailer other axle		30
undefined		31

APPENDIX H

TRUCK INVENTORY AND USE SURVEY, 1977
PUBLIC USE TAPE RECORD LAYOUT

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1. State of Registrations	1-2
2. Sample Type	3
3. Census Number	4-7
4. Make of Vehicle Code	8-10
5. Year Model	11-12
6. Registered Weight	13-18
7. Vehicle Identification Number (VIN)	19-25
8. Ownership	26
9. Sold	
Month	27-28
Year	29-30
10. Acquisition	31
Month	32-33
Year	34-35
11. Leased to Others	36
How Leased	37
12. Type of Lessee	38
13. Length of Lease	39
14. Lease Agreement Options	
Finance	40
Maintenance	41
Procurement and Sale	42
15. Operator Classification	43
16. Major Use	44-45
17. Principal Product Carried	46-47
18. Secondary Product Carried	48-49
19. Hazardous Materials	50
% of Time Carried	51
20. Base of Operation (State)	52-53
% of Miles Traveled Within Base State	54
21. Fleet Size (at same base)	
Pickups, Multi-stops, Vans	55-58
Other Straight Trucks	59-62
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22. Area of Operation	71
23. Annual Miles	72-77
24. Lifetime Miles	78-84
25. Miles Per Gallon (Implied Decimal After 2nd Digit)	85-87
MPG Measured or Estimated	88
26. Maintenance Type	
Engine	89
Transmission	90
Brakes	91

Rear Axle and Differential	92
None of Above	93
27. Maintenance Performed By	
Yourself or Own Repair Shop	94
Truck Dealer	95
Factory Branch	96
Lease Company	97
Independent Garage	98
Other	99
28. Gross Vehicle Weight Code	100-101
29. Engine	
Type (fuel)	102
Size (cylinders)	103
Displacement (cubic inches)	104-107
Horsepower	108-110
30. Transmission Type	111
31. Brake Type	112
Anti-wheel Lock Device	113
32. Power Steering	114
33. Fuel Conservation Equipment	
Radial Tires	115
Drag Reduction Device	116
Variable Speed Fan	117
Fuel Efficient Engine	118
Axle or Drive Ratio Change	119
34. Vehicle Air Conditioned	120
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37. Number of Powered Axles	128
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