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FEDERAL INFORMATION PROCESSING STANDARDS PUBLICATION
(Supersedes FIPS PUB 19-1 – 1985 January 7)

REFERENCE

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CATALOG OF WIDELY USED CODE SETS

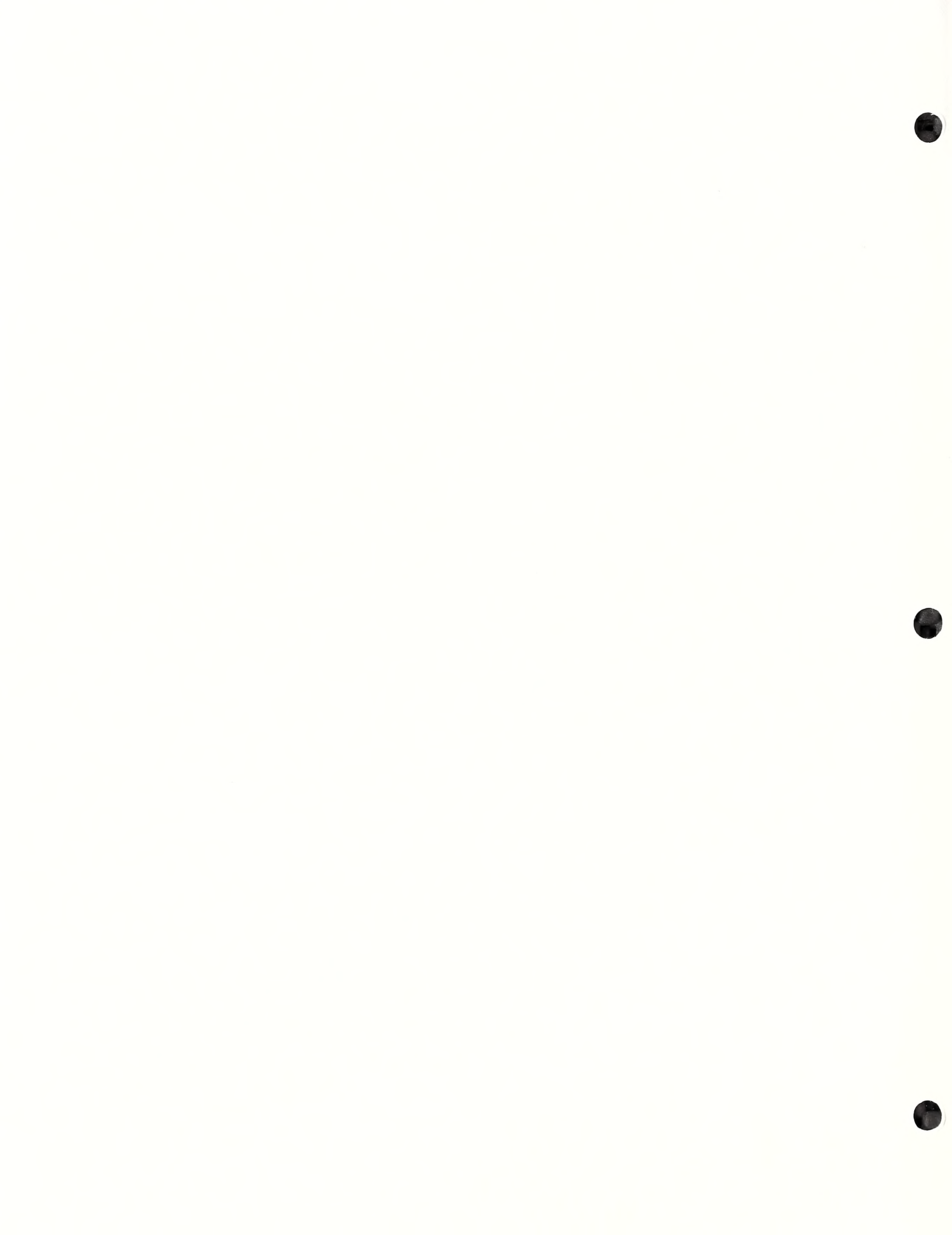
CATEGORY: DATA STANDARDS AND GUIDELINES

SUBCATEGORY: REPRESENTATIONS AND CODES

1992 July 1

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CATALOG OF WIDELY USED CODE SETS

CATEGORY: DATA STANDARDS AND GUIDELINES
SUBCATEGORY: REPRESENTATIONS AND CODES

Computer Systems Laboratory
National Institute of Standards and Technology
Gaithersburg, MD 20899

Issued July 1, 1992



U.S. Department of Commerce
Barbara Hackman Franklin, Secretary
Technology Administration
Robert M. White, Under Secretary for Technology
National Institute of Standards
and Technology
John W. Lyons, Director

Foreword

The Federal Information Processing Standards Publication Series of the National Institute of Standards and Technology (NIST) is the official publication relating to standards and guidelines adopted and promulgated under the provisions of Section 111(d) of the Federal Property and Administrative Services Act of 1949 as amended by the Computer Security Act of 1987, Public Law 100-235. These mandates have given the Secretary of Commerce and NIST important responsibilities for improving the utilization and management of computer and related telecommunications systems in the Federal Government. The NIST, through its Computer Systems Laboratory, provides leadership, technical guidance, and coordination of Government efforts in the development of standards and guidelines in these areas.

Comments concerning Federal Information Processing Standards Publications are welcome and should be addressed to the Director, Computer Systems Laboratory, National Institute of Standards and Technology, Gaithersburg, MD 20899.

James H. Burrows, Director
Computer Systems
Laboratory

Abstract

The catalog lists and briefly describes code sets that are in wide use in the United States and that might be useful to Federal data systems. The purpose of the catalog is to assist Federal agencies and other organizations in the selection of appropriate code sets and in the avoidance of duplication of effort. The standard format that describes each code set listed specifies code characteristics, maintenance agency, source document, and other pertinent data. This revision supersedes FIPS PUB 19-1 in its entirety.

Key words: catalog; code sets; data element; data management; data processing; directory; Federal Information Processing Standards Publication.

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1992 July 1

Announcing the

CATALOG OF WIDELY USED CODE SETS

Federal Information Processing Standards Publications (FIPS PUBS) are issued by the National Institute of Standards and Technology (NIST) after approval by the Secretary of Commerce pursuant to Section 111(d) of the Federal Property and Administrative Services Act of 1949 as amended by the Computer Security Act of 1987, Public Law 100-235.

- 1. Name of Publication.** Catalog of Widely Used Code Sets (FIPS PUB 19-2).
- 2. Category of Publication.** Data Standards and Guidelines, Representations and Codes.
- 3. Explanation.** This catalog lists and briefly describes code sets that are in wide use in the United States and that might be used in Federal data systems. The purpose of the catalog is to assist Federal agencies and other organizations to select appropriate code sets and to avoid duplication. The common format that is used to describe each listed code set specifies code characteristics, maintenance agency, source document, and other pertinent data.
- 4. Approving Authority:** U.S. Department of Commerce, National Institute of Standards and Technology (NIST), Computer Systems Laboratory.
- 5. Maintenance Agency.** U. S. Department of Commerce, National Institute of Standards and Technology (NIST), Computer Systems Laboratory. Questions concerning the data in this catalog should be addressed to this agency.

Users may propose the listing of additional code sets in this catalog. Proposed new entries should be submitted to the maintenance agency, Attn: Computer Systems Laboratory, and should include the data about the code set specified in "Format for Entry Data" which follows the Preface.

Change notices to the data will be issued as required. Users of this catalog who wish to be notified of changes should complete the Change Notice Request Form included in this publication and forward it to the Standards Processing Coordinator, Computer Systems Laboratory, National Institute of Standards and Technology, Gaithersburg, MD 20899.

Questions concerning the content of any code set listed in the catalog should be addressed to the maintenance agency named in the specific listing.

- 6. Applicability.** This catalog is made available for general use.
- 7. Implementation.** Use by Federal agencies of any of the listed code sets is encouraged when such use contributes to operational benefits, efficiency, or economy. The listing of a code set in this catalog does not, by itself, imply endorsement of the code set by the National Institute of Standards and Technology.
- 8. Specifications.** Federal Information Processing Standards Publication 19-2 (FIPS PUB 19-2), Catalog of Widely Used Code Sets (affixed).
- 9. Where to Obtain Copies.** Copies of this publication, printed or microfiche, are for sale by the National Technical Information Service (NTIS), U.S. Department of Commerce, Springfield, VA 22161. When ordering, refer to Federal Information Processing Standards Publication 19-2 (FIPS PUB 19-2) and title. Payment may be made by check, money order, or NTIS deposit account.



PREFACE

This updated catalog makes available to Federal agencies and other organizations a central source from which needed code sets may be selected. The availability of the catalog should reduce the time for selecting and adopting the most appropriate code sets, and should avoid duplication. The code sets included in the catalog have been selected because they are international, national, or Federal standards, are applied throughout an industry, or have a significant community of users.

A code set, according to the official definition approved by the International Organization for Standardization (ISO), is:

The complete set of representations defined by a code, or by a coded character set, e.g., all of the three-letter international identifications for airports.

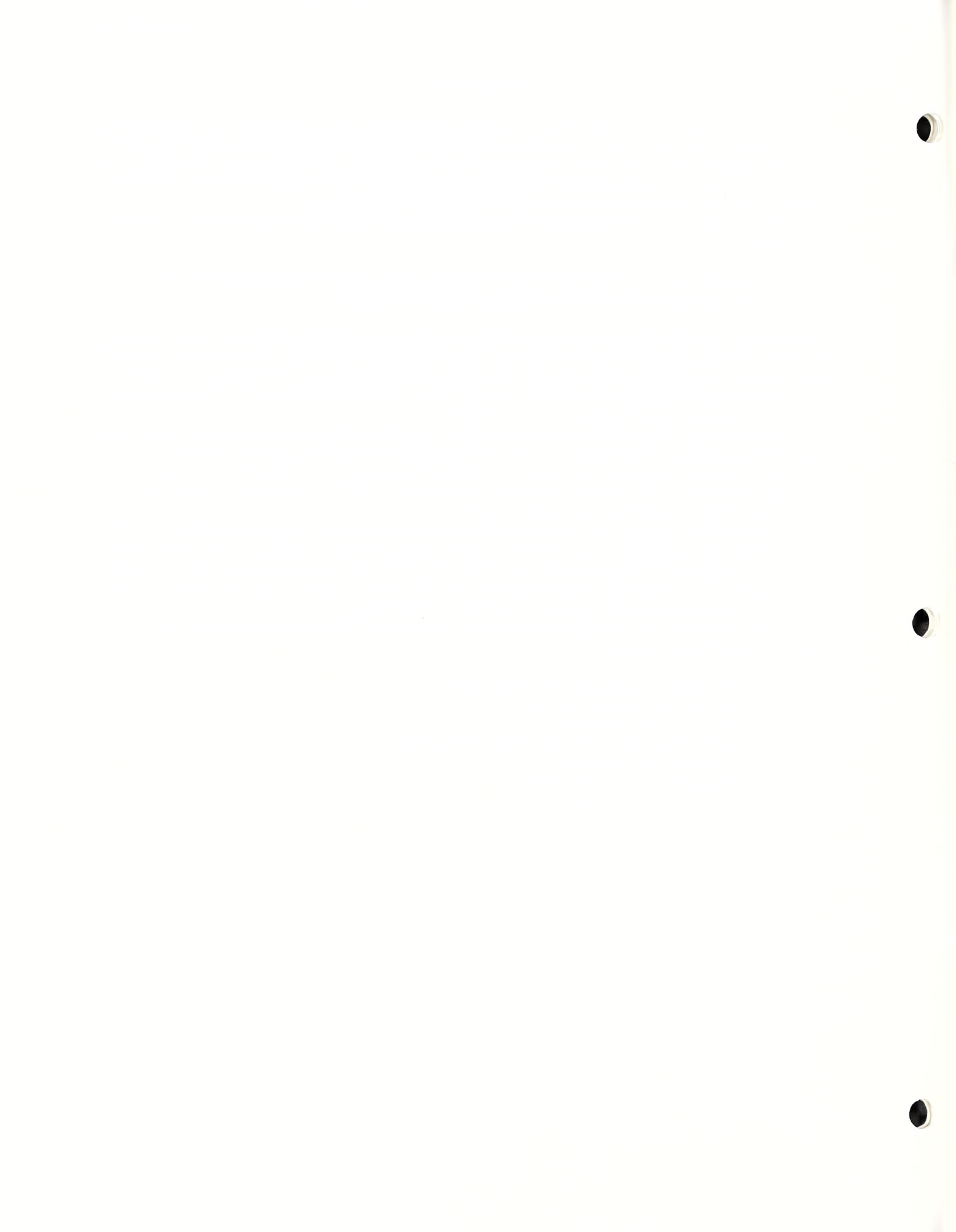
Code sets are used to replace and represent sets of names or to identify entities that have no names. A code set is often used for the following reasons: to provide a shorthand that saves time and space, to provide a method of avoiding ambiguities due to errors or inconsistencies in the spelling of names, to provide a simple key for sorting and matching names, and to provide a mechanism for asserting control over additions, deletions, and changes to a list of names.

Code values that are members of code sets appear in the official records of business and government activities. With increasing computerization, code sets have become more important because they are used to index data. Standard code sets are used to improve the accuracy and consistency of data, and to promote the effectiveness of common processes carried out on data by computer. These processes include the interchange of data among computer systems.

In the update of this catalog, we contacted the maintenance agencies of code sets contained in FIPS PUB 19-1 issued in January 1985. Many of these agencies responded with revisions to their entries. When agencies did not respond, the entry published in FIPS PUB 19-1 has been republished with no changes and is marked with (*). Additionally, we publicized the revision of the catalog so that new code sets could be identified for inclusion in this and future versions of the FIPS PUB.

To submit a new code set, provide the information requested in the format for entry data (see following page) and submit the material to:

Standards Processing Coordinator (ADP)
Computer Systems Laboratory
Building 225, Room B-64
National Institute of Standards and Technology
Gaithersburg, MD 20899
Telephone: (301) 975-2816
FAX: (301) 948-1784



FORMAT FOR ENTRY DATA

The data types used to describe each code set are identified and defined below.

Entry Code:	A numeric code identifying the code set, solely for the purposes of this catalog. Values of the entry code are assigned by NIST in ascending numeric sequence to the code set names arranged in alphabetic order, thereby providing a simple look-up system.
Name of Code Set:	The common name usually ascribed to the code set. In some cases, the name has been shortened or inverted to highlight the subject matter, e.g., "Countries . . ." rather than "Implementation of ANSI Codes for the Representation of Names of Countries. . ."
Code Set Identifier:	The identifier of the source document in which the code set is found. If the source document is a standard, the identifier will be the number of the standard, e.g., FIPS PUB 104-1.
Related Standards:	Identification numbers, if any, of closely related standards adopted by the same or any other organization, e.g., ISO 3166, the international standard corresponding to FIPS PUB 104-1.
Subject Matter Categories:	One or more class names assigned by NIST that define the subject matter of the code set, e.g., "governmental units." Code sets are grouped by category in the Subject Matter Index.
Description:	A brief statement of the usage of the code set.
Code Characteristics:	The form of the code representation and a brief description, if necessary. To present the form of the code, a symbol is used to identify each alphabetic or numeric character. The symbols used are as follows: <p>d = a numeric character;</p> <p>A = an upper-case alphabetic character;</p> <p>a = a lower-case alphabetic character;</p> <p>X = a numeric or upper-case alphabetic character;</p> <p>x = any alphanumeric character.</p> <p>For improved visual presentation (but not typically in computer representations), code sets will often employ spaces, decimal points, hyphens, or other special characters. These characters will be shown literally.</p>
Maintenance Agency:	The organization that is responsible for maintaining the accuracy and currency of the codes and the names that they represent. Include phone number of contact for cost information of publications or machine files.
Source Document and Availability:	Bibliographic citation of the source document in which the code set is published, and the organization and address from which the source document may be obtained.

- Copyright:** The owner of the copyright, if any, in the source document.
- Machine File Availability:** The characteristics of the machine-readable file of the code set, if one is available. This data type is not shown if no such file exists.
- Special Information:** Any additional information about the code set that may assist users (data type not shown unless information is presented).

SUBJECT MATTER INDEX

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Economic activity (domestic)	4600; 6600; 7000
Education	800; 1000
Energy	5600
Facilities	300; 4800; 5600
Governmental units	1400; 1600; 1800; 2000; 2600; 4600; 4800; 8200
Health	3800; 5000
Individuals	3200; 6000
International trade	2200; 3600; 5800; 6800; 8400
Locations	300; 4800; 6200; 7200; 7400; 9800
Organizations	200; 400; 800; 1000; 2400; 2600; 2800; 4200; 4400; 5000; 5400; 6200; 6400; 7600; 8800; 9200
Products	2700; 5000; 9200
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LISTINGS OF WIDELY USED CODE SETS

Entry Code: 200

Name of Code Set: Airlines Code

Code Set Identifier: None

Categories: Organizations; Transportation

Description: An identification code for airlines engaged in air transport operations nationally and worldwide.

Code Characteristics: The code is a two-character alpha-alpha, or numeric-alpha of the form:
 AX or 2T

Maintenance Agency: Code Assignments Assistant
 International Air Transport Association
 2000 Peel Street
 Montreal, Quebec
 Canada H3A 2R4

(National) Air Transport Association of America
 1709 New York Avenue, NW
 Washington, DC 20006

Source Document and Availability: Section 02, "Coding—Alphabetic Listing of Airlines," pages 4–110; and Section 03, "List of Two-Character Airline Designators—Decoding," pages 111–117, of *Airline Coding Directory*, International Air Transport Association, 26th Edition, effective August 1, 1991. (Three editions annually, supplemented with monthly amendments.)

Copyright: International Air Transport Association

Machine File Availability: *Airline Codes Computer Tape*, is available from the Code Assignments Assistant, International Air Transport Association, address as above. The tape is 9-track; recorded at 1600 or 6250 bpi; labelled or unlabelled; record length is 337; block size is 9773; available in EBCDIC or ASCII.

Entry Code: 300

Name of Code Set: Airport Code

Code Set Identifier: None

Categories: Facilities; Locations; Transportation

Description: Provides identification codes for locations/airports for use in airline tariffs, timetables, tickets, baggage tags, and teletype addresses and messages.

Code Characteristics: The location identifier is a three-character alpha code of the form:

AAX

The code is mnemonic to the extent possible; it identifies a location and its airport. The code may also identify a location that has no airport, but that must have an identification code for purposes of routing of communications.

In the case of metropolitan areas that are served by more than one airport, the code for only one airport is associated with the location. Individual codes are assigned to the additional airports that serve such areas.

Maintenance Agency: Code Assignments Assistant
International Air Transport Association
2000 Peel Street
Montreal, Quebec
Canada H3A 2R4

Source Document and Availability: Section 10, "Coding—Location Identifiers," pages 221–324 of *Airline Coding Directory*, International Air Transport Association, 26th Edition; effective August 1, 1991. (Three editions annually, supplemented with monthly amendments.)

Copyright: International Air Transport Association

Machine File Availability: *Location Identifiers Computer Tape* is available from the Code Assignments Assistant, International Air Transport Association, address as above. The tape is 9-track; recorded at 1600 or 6250 bpi; labelled or unlabelled; record length 132, block size 9,900; available in EBCDIC or ASCII.

Entry Code: 400

Name of Code Set: American Bankers Association (ABA) Routing Number

Code Set Identifier: None

Categories: Banking and finance; Organizations

Description: The ABA Routing Number identifies a depository financial institution that is chartered to accept deposits which are subject to withdrawal by check and/or drafts collectible as cash items through the Federal Reserve System.

Code Characteristics: The linear form of the code is a nine-digit numeric of the form:

ddd dddd d

Proceeding from left to right: the four leftmost digits identify the Federal Reserve District that serves the originating institution; the next four digits identify the institution; and the rightmost digit is the check digit.

The code is printed at the bottom of the check, as nine digits, without intervening spaces, separators, or other symbols. The fractional form of the routing number is also printed in the upper right corner of the check.

Maintenance Agency: Thomson Financial Publishing
Routing Number Registrar
P.O. Box 916
Skokie, IL 60076
(708) 676-9600
(Thomson Financial is the American Bankers Association's official agent in assigning and administering routing numbers.)

Source Document and Availability: American Bankers Association, *Key to Routing Numbers*, 74th Edition, 1991, Thomson Financial Publishing, Skokie, IL 60076 (Available semi-annually)

Copyright: American Bankers Association

Machine File Availability: Available in 9-track and 3480 cartridge EBCDIC or ASCII, recorded at 6250 bpi or 1600 bpi; with or without standard OS labels. The tape contains approximately 61,000 records; record length is 500 bytes; block size is 32,000.

P.C. Availability: *R. T. Access* – available for IBM or IBM compatible machines in 3-1/2" and 5-1/4" diskettes.

Copyright: Thomson Financial Publishing

Entry Code:	600
Name of Code Set:	Chemical Abstracts Service (CAS) Registry Number
Code Set Identifier:	None
Categories:	Substances
Description:	<p>The CAS Registry Number is a nonsignificant numeric identifier that is assigned in sequential order to each chemical substance as it is entered into the Chemical Abstracts Service (CAS) Registry System. The chemical substances are identified on the basis of unambiguous, computer-generated descriptions of their two-dimensional molecular structures.</p> <p>The Registry Number enables retrieval of chemical substances from literature sources, despite the many variant nomenclature systems in existence today.</p>
Code Characteristics:	<p>The identifier consists of (up to) nine digits that are separated by hyphens into three groups. It is of the form:</p> <p style="text-align: center;">dddddd-dd-d</p> <p>The leftmost group may have six or fewer digits; the rightmost digit serves as a check character for purposes of validation.</p>
Maintenance Agency:	Chemical Abstracts Service P.O. Box 3012 Columbus, OH 43210-0012
Source Document and Availability:	<i>Registry Handbook – Number Section</i> (Base book 1965–71 plus annual supplements) ISSN:0093-058X, Chemical Abstracts Service, P.O. Box 3012, Columbus, OH 43210-0012
Copyright:	American Chemical Society
Machine File Availability:	<p>Files of data derived from the CAS Registry are available from the Registry Nomenclature Service and the Registry Structure Service provided by the Chemical Abstracts Service. Questions concerning these files may be directed to:</p> <p>Customer Services Department Chemical Abstracts Service P.O. Box 3012 Columbus, OH 43210-0012</p>

Entry Code: 800

Name of Code Set: College Board College and Scholarship Program Codes

Code Set Identifier: None

Categories: Education; Organizations

Description: The College Code is an identifier of the colleges and scholarships in the United States and in foreign countries that participate in the Testing Program.

Code Characteristics: The code is a four-digit numeric of the form:

dddd

The leftmost digit identifies a program or a region in the United States. This code helps in scheduling mailings so that they arrive at approximately the same time throughout the United States.

Maintenance Agency: Code Control
Educational Testing Service
Princeton, NJ 08541

Source Document and Availability: *College Board, ATP 1991-92 College Code List*, 1991, The College Board, Educational Testing Service, Princeton, NJ 08541. (Updated annually)

Copyright: Educational Testing Service

Entry Code: 1000

Name of Code Set: College Board School Code

Code Set Identifier: None

Categories: Education; Organizations

Description: The School Code is an identifier of the junior colleges and high schools located in the United States; also of APO-FPO schools located in U.S. Territories and in foreign countries.

Code Characteristics: The code is a six-digit numeric of the form:

d d d d d d

The two leftmost digits identify the location of the school represented by the code. The location may be a State of the United States, a territory of the U.S., or a foreign country. Some foreign countries share a common location code. In these cases, the third and fourth digits are used to differentiate among the entities included in a group. Canadian schools are identified by 82 in the leftmost positions of their codes. Canadian provinces are identified by the digit that follows the identifier for Canada.

Maintenance Agency: Code Control
Educational Testing Service
Princeton, NJ 08541

Source Document and Availability: *Secondary School/Junior College Code List 1991-92*, 1991, The College Board, Educational Testing Service, Princeton, NJ 08541. (Updated annually)

Copyright: Educational Testing Service

Entry Code: 1200*

Name of Code Set: Coordinated Freight Classification

Code Set Identifier: NEB 100-K

Categories: Commodities; Transportation

Description: A numeric identifier for commodities transported by New England carriers. Participating interstate and intrastate carriers are listed with their ICC certificate or docket numbers.

Code Characteristics: The commodity code is a five-digit numeric of the form:
 dddd

Maintenance Agency: The New England Motor Rate Bureau, Inc., Agent

Source Document and Availability: *Coordinated Freight Classification*, NEB 100-K; issued December 1, 1986; effective January 5, 1987; 430 pages. Issued by Jack W. Fraser, Chief of Tariff Bureau New England Motor Freight Bureau, Inc., 14 New England Executive Park, Burlington, MA 01803. (Reissued annually; a change in the alphabetic character of the code set identifier designates each successive edition.)

Copyright: The New England Motor Rate Bureau, Inc.

* This entry is a reprint from FIPS PUB 19-1.

Entry Code:	1400
Name of Code Set:	Counties and Equivalent Entities of the United States, Its Possessions, and Associated Areas.
Code Set Identifier:	FIPS-PUB-6-4, 1990 August 31
Related Standard:	ANSI X3.31-1988
Categories:	Governmental units
Description:	Provides names and identification codes for the counties and statistically equivalent entities of the States of the United States, the District of Columbia, and the territories of the U.S. Counties are first-order subdivisions of each State or statistically equivalent entity.
Code Characteristics:	The identification code of a county or equivalent entity has the form: ddd The code uniquely identifies a county only within its State. The numeric form enables sorting the names of counties in alphabetic sequence within each State. Independent cities, however, are sorted alphabetically following the county names. For unique identification of a county within the United States, the code of the State must precede the county code. FIPS-6-4 includes both the alphabetic and numeric codes from FIPS PUB 5-2, Codes for the Identification of the States, the District of Columbia, and the Outlying Areas of the United States and Associated Areas. (See entry number 8200.)
Maintenance Agency:	Office of the Chief Geography Division Bureau of the Census Washington, DC 20233
Source Document and Availability:	<i>Counties and County Equivalents of the States of the United States and the District of Columbia</i> , FIPS-PUB-6-4; National Technical Information Service, Springfield, VA 22161.
Copyright:	None
Machine File Availability:	Available from: National Technical Information Service, Springfield, VA 22161; Tape is available in either ASCII or EBCDIC versions, 1600 bpi, 9-track.

Entry Code: 1600

Name of Code Set: Countries, Dependencies, Areas of Special Sovereignty, and their Principal Administrative Divisions.

Code Set Identifier: FIPS-PUB-10-3, 1984 February 9

Categories: Governmental units

Description: Provides names and codes for the basic geopolitical entities in the world, together with the principal administrative divisions that comprise each entity.

Code Characteristics: The code for a basic geopolitical entity and an administrative division has the form:

AAXX

The alphabetic portion identifies a country; the alphanumeric portion identifies one first-order administrative division within that country.

Codes for most administrative divisions are entirely numeric.

Maintenance Agency: Office of the Geographer
U.S. Department of State
Washington, DC 20520

Source Document *Countries, Dependencies, Areas of Special Sovereignty, and Their Principal Administrative Divisions*, FIPS-PUB-10-3, National Technical Information Service, Springfield, VA 22161.

Copyright: None

Special Information: This coding system is maintained by the U.S. Department of State for use throughout the Federal Government.

Entry Code: 1800

Name of Code Set: ANS Codes for the Representation of Names of Countries, Dependencies, and Areas of Special Sovereignty for Information Interchange

Code Set Identifier: FIPS-PUB-104-1, 1986 May 12

Related Standards: ANSI Z39.27-1984
ISO 3166-1981

Categories: Governmental Units

Description: Provides alpha-2 and alpha-3 (two-character and three-character) codes from ISO 3166 for identification of the names of the countries of the world.

Code Characteristics: The code for a country is alphabetic of the form:

AA or AAA

The code has no significance, although it tends to be mnemonic.

Maintenance Agency: The National Institute of Standards and Technology (Computer Systems Laboratory) in coordination with the U.S. Department of State, the U.S. Board on Geographic Names, and MA 3166, the Maintenance Agency for ISO 3166.

Source Document and Availability: *ANS Codes for the Representation of Names of Countries, Dependencies, and Areas of Special Sovereignty for Information Interchange*, FIPS-PUB-104-1, 1986 May 12, National Technical Information Service, Springfield, VA 22161.

Copyright: None

Entry Code:	2000
Name of Code Set:	Currencies and Funds
Code Set Identifier:	ISO 4217 ISO 3166
Categories:	Banking; Governmental units
Description:	Most currencies are those of the geographic entities that are listed in ISO 3166, Codes for the Representation of Countries.
Code Characteristics:	The code may be a three-character alphabetic or three-digit numeric of the form: AAA or ddd The two leftmost characters of the alphabetic code identify the currency authority to which the code is assigned (using the two-character alphabetic code from ISO 3166, if applicable). The rightmost character is a mnemonic derived from the name of the major currency unit or fund. For currencies not associated with a single geographic entity, a specially-allocated two-character alphabetic code, in the range XA to XZ, identifies the currency authority. The rightmost character is derived from the name of the geographic area concerned, and is mnemonic to the extent possible. The numeric codes are identical to those assigned to the geographic entities listed in ISO 3166. The range 950 through 998 of the numeric code is reserved for the identification of funds and of currencies not associated with a single entity listed in ISO 3166.
Maintenance Agency:	The standard was developed by ISO/TC 68 (Banking).
Source Document and Availability:	<i>Codes for the Representation of Currencies and Funds</i> , ISO 4217, Third Edition—1990. (Available from American National Standards Institute, Inc., 1430 Broadway, New York, NY 10018.)
Copyright:	International Organization for Standardization Updated codes information available from: ISO Secretariat BSI, Linford Wood Milton Leyne M614 GLE

Entry Code:	2200*
Name of Code Set:	Customs Cooperation Council Number (CCCN)
Code Set Identifier:	None
Categories:	Commodities; International trade
Description:	A numeric identifier of headings of nomenclature for use in the classification of goods in customs tariffs.
Code Characteristics:	The identifier is a four-digit numeric of the form: dd.dd The two leftmost digits identify a chapter number; the remaining digits indicate the numerical order in which a heading appears within that chapter.
Maintenance Agency:	Customs Cooperation Council Brussels, Belgium
Source Document and Availability:	Customs Cooperation Council, <i>Nomenclature for the Classification of Goods in Customs Tariffs</i> , Fifth Edition, 1976, Brussels, Belgium, plus Amending Supplements. Four additional volumes provide explanatory notes: Volume 1 for Chapters 1–32; Volume 2 for Chapters 33–72; Volume 3 for Chapters 73–85; Volume 4 for Chapters 86–99.
Copyright:	None

* This entry is a reprint from FIPS PUB 19-1.

Entry Code: 2400

Name of Code Set: D-U-N-S Number

Code Set Identifier: None

Categories: Organizations

Description: A random, nine-digit number that identifies a single business location.

Code Characteristics: The identifier is numeric of the form:
dd-ddd-dddd
The code has no significance.

Maintenance Agency: Dun's Number Administration
Dun and Bradstreet, Inc.
899 Eaton Avenue
Bethlehem, PA 18025

Source Document and Availability: *Reference Book of Corporate Managements, 1984*, Volumes I and II, New York, Dun and Bradstreet, Inc., 3 Sylvan Way, Parsippany, NJ 07054-3896, 1983.

Copyright: Dun and Bradstreet, Inc.

Machine File Availability: Standard and custom selections of information published in the numerous Dun and Bradstreet Directories are available in various visual and data processing formats.

Entry Code: 2600

Name of Code Set: Codes for the Identification of Federal and Federally-Assisted Organizations

Code Set Identifier: FIPS-PUB-95, 1982 December 23

Categories: Governmental units; Organizations

Description: The code consists of a four-character identifier for each organization listed. The two leftmost characters are the Treasury Account Symbol (TAS), a code used in the Federal budgetary process to identify major Federal organizations. The two rightmost characters identify second-level components of the first-level organizations identified by the TAS.

Code Characteristics: The Federal agency identifier has the form:

ddXX

Codes for most Federal agencies are entirely numeric. However, codes for international organizations and for some Federal agencies have alphabets in the two rightmost positions. The alphabetic portion has no significance for Federal agencies. For international organizations, the leftmost alphabetic character identifies a grouping of organizations. The group identifier is followed by an alphabetic character that identifies an individual organization within that group.

Maintenance Agency: Governments Division
U.S. Bureau of the Census
Washington, DC 20233

Source Document and Availability: *Codes for the Identification of Federal and Federally-Assisted Organizations*, FIPS-PUB-95, 1982 December 23, National Technical Information Service, Springfield, VA 22161.

Copyright: None

Entry Code: 2700*

Name of Code Set: Federal Supply Classification and National Stock Number

Code Set Identifier: None

Categories: Products

Description: A classification system for items known to be in the supply system of the Federal Government.

Code Characteristics: The code is a thirteen-digit numeric. The first two digits are known as the "Group" and the first four digits are known as the "Federal Supply Class" (FSC). The remaining nine digits, called the National Item Identification Number (NIIN), specify an item within a particular class. The full thirteen digit number is called the National Stock Number (NSN).

The form of the code is:

dddd-dd-ddd-dddd

Maintenance Agency: General Services Administration
Office of Federal Supply and Services (FB)
Washington, DC 20406

Source Document and Availability: *GSA Supply Catalog*
General Services Administration (8BRD-9)
Bldg. 41
Denver Federal Center
Denver, CO 80225

Federal Supply Catalog for Civil Agencies
Defense Logistics Services Center
Attn: DLSC-APPP
Battle Creek, MI 49016

Copyright: None

* This entry is a reprint from FIPS PUB 19-1.

Entry Code:	2800*
Name of Code Set:	Financial Institution Numbering System (FINS Number)
Code Set Identifier:	ANSI X9.5-1981
Categories:	Banking and finance; Organizations
Description:	Provides an industry-wide identification code for banks, brokers/dealers, insurance companies, mutual funds, and other institutions.
Code Characteristics:	The code is a six-to-eight character alphanumeric of the form: Xdddd-XX Proceeding from left to right: the leftmost character is the industry code; the next four digits comprise the institution code; and the rightmost digit before the hyphen is the check digit. The two-character suffix may be added to identify a branch, an affiliate, or a function within the institution identified by a particular code. The hyphen is not part of the code; it is inserted as a visual aid. The industry code may be one of the following: 0 = broker 1 = bank 2 = bank 3 = insurance company/mutual fund 4 = transfer agent (non-bank; if the transfer agent is also a bank, the FINS bank number is used) 5 = Canadian entity 6 = foreign entity (other than Canadian) 7 = miscellaneous (depository, exchange, clearing corporations, etc.) 8 = open 9 = reserved for user A-W = future expansion X-Z = reserved for user
Maintenance Agency:	Security Subcommittee X9D American National Standards Institute
Source Document and Availability:	ANSI X9.5-1981, <i>American National Standard for a Financial Institution Numbering System (FINS)</i> , American National Standards Institute, Inc., 1430 Broadway, New York, NY 10018.
Copyright:	American National Standards Institute

* This entry is a reprint from FIPS PUB 19-1.

Entry Code: 3000

Name of Code Set: Hazardous Materials Identification Number: U.S. Department of Transportation

Code Set Identifier: None

Related Standard: UN Recommendation cited below

Categories: Substances; Transportation; Hazardous materials

Description: Provides codes, names, and hazard classes for materials designated by the U.S. Department of Transportation as hazardous for purposes of transportation in commerce.

Code Characteristics: The identifier of the materials listed is alphanumeric of the form:

AAdddd

The numeric portion of the identifier has no significance. The alphabetic prefix may be:

UN for materials appropriate for both international and domestic shipments;
or NA for materials appropriate only for domestic shipments and shipments to and from Canada.

Maintenance Agency: U.S. Department of Transportation

Source Document and Availability: *Code of Federal Regulations, Transportation*, 49CFR, Parts 100 to 160, revised as of December 31, 1991. (Published by the Office of the Federal Register, National Archives Administration, as a Special Edition of the *Federal Register*.)

Copyright: None

Special Information: This code is an implementation of United Nations Recommendations prepared by the United Nations Committee of Experts on the Transport of Dangerous Goods, Sixth Edition, ST/SG/AC.10/1/Rev. 7, 1990; Sales No. E.91.VIII.2, United Nations Sales Section, New York or Geneva. (See entry 9000.)

Entry Code: 3200*

Name of Code Set: Human Sexes

Code Set Identifier: ISO 5218

Categories: Individuals

Description: Specifies a code for the representation of human sexes.

Code Characteristics: The sex code is a one-digit numeric of the form:

d

This digit may be:

- 0 = not known
- 1 = male
- 2 = female
- 9 = not specified

Maintenance Agency: None

Source Document and Availability: *Information Interchange—Representation of Human Sexes*, ISO 5218, First Edition, 1977-09-15, American National Standards Institute, 1430 Broadway, New York, NY 10018.

Copyright: American National Standards Institute.

* This entry is a reprint from FIPS PUB 19-1.

Entry Code: 3400*

Name of Code Set: Hydrologic Units in the United States and the Caribbean Outlying Areas

Code Set Identifier: FIPS-PUB-103, 1983 November 15

Categories: Earth Sciences

Description: A code for the identification of drainage areas in the United States and the Caribbean outlying areas.

Code Characteristics: The hydrologic unit code is an eight-digit numeric of the form:

dd = a region (of water resources)
 dddd = a (planning) subregion
 dddddd = an accounting unit
 dddddddd = a cataloging unit

Maintenance Agency: U.S. Geological Survey
 Water Resources Division
 Office of Water Data Coordination
 417 National Center
 Reston, VA 22092

Source Document and Availability: *Codes for the Identification of Hydrologic Units in the United States and the Caribbean Outlying Areas*, Geological Survey Circular 878-A, 1982, 115 p. FIPS-PUB-103; National Technical Information Service, Springfield, VA 22161.

Copyright: None

* This entry is a reprint from FIPS PUB 19-1.

Entry Code: 3600

Name of Code Set: Incoterms 1990

Code Set Identifier: None

Categories: International trade

Description: A set of 13 trade terms that standardize rules and practices in international commerce in determining the points at which sellers have fulfilled their obligations so that goods in a legal sense may be said to have been delivered to the buyers.

Code Characteristics: Three-character abbreviations and definitions are provided for the 13 terms included in the set. The abbreviations have the form:

AAA

Maintenance Agency: ICC Publishing Corp.
156 Fifth Ave., Ste. 820
New York, NY 10010

Source Document and Availability: No. 460, *Incoterms 1990*. \$23.95 plus \$3.00 postage and handling, plus New York state applicable sales tax.

No. 461/90, *Guide to Incoterms 1990*. \$69.95 plus \$6.35 postage and handling, plus New York state applicable sales tax.

Both publications available from ICC Publishing Corporation, 156 Fifth Avenue, New York, NY 10010. Telephone: (212) 206-1150.

Copyright: ICC Publishing, S.A.

Special Information: In the U.S.A., Incoterms are recommended to replace *The American Foreign Trade Definitions*, 1941 Revision.

Entry Code: 3800

Name of Code Set: International Classification of Diseases

Code Set Identifier: ICD-9-CM

Categories: Health

Description: The ICD-9-CM is a statistical classification which groups diseases and injuries in a predetermined manner under a basic three-digit code. There are 17 chapters of basic three-digit codes which identify diseases and injuries. Most of the basic three-digit codes are subdivided by a fourth digit which, in turn, is subdivided further, in some instances, by a fifth digit. The ICD-9-CM is a hierarchical system in which the degree of clinical detail is expressed by these subdivisions. This hierarchy prevails throughout the ICD-9-CM, including the supplemental classifications.

Code Characteristics: The basic code for a disease or injury is as described above, and is of the form:

ddd
ddd.d
ddd.dd

Supplemental Codes: The V code is alphanumeric of the form:

Vdd
Vdd.d
Vdd.dd

This classification is provided for occasions when circumstances other than a disease or injury classifiable to categories 001-999 or to the E-code are reported.

The E code is alphanumeric of the form:

Eddd
Eddd.d

This classification identifies environmental events, circumstances, and conditions as the cause of injury, poisoning, and other adverse effects. The E-code classification should be used as an additional code to those found in the basic 17 chapters of the ICD-9-CM.

Additional Codes: The Morphology M-codes provide a nomenclature for use in conjunction with Chapter 2, Neoplasms, of the disease classification schedule. The morphology code is alphanumeric of the form:

Mddd/d

The four digits before the slash identify one of 51 types of histological neoplasms; the digit that follows the slash identifies a behavioral mode of the associated neoplasm.

The procedure code is of the form:

dd.dd

Entry Code: 3800 (continued)

The structure of this code is based on anatomy rather than on surgical specialty. Nonsurgical procedures are separate, and are confined to class numbers 87–99 whenever possible.

Maintenance Agency: Questions regarding use and interpretation of the ICD-9-CM may be directed to any of the following organizations:

Central Clearinghouse for ICD-9-CM
American Hospital Association
Chicago, IL 60611

WHO Collaborating Center for Classification of Diseases for North America
(National Center for Health Statistics)
Department of Health and Human Services
3700 East-West Highway
Hyattsville, MD 20782

Health Care Financing Administration
Bureau of Data Management and Strategy
Office of Statistics and Data Management
3-A-10, Security Office Park
6325 Security Boulevard
Baltimore, MD 21207
(301) 597-5151

Source Document and Availability: International Classification of Diseases, 9th Revision, Clinical Modification, ICD-9-CM, DHHS Publication No. (PHS) 80-1260.
Volume 1 – Diseases: Tabular List
Volume 2 – Diseases: Alphabetic Index
Volume 3 – Procedures: Tabular List and Alphabetic Index
(Superintendent of Documents, Washington, DC 20402)

Volumes 1 and 2 contain the Disease and Injury Classifications; Volume 3 contains the tabular and alphabetic index to the ICD-9-CM Procedure Classification. Specific instructions on correct usage of the ICD-9-CM are found throughout all three volumes.

Copyright: None

Machine File Availability: International Classification of Diseases, 9th Revision, is available on computer tape from the National Technical Information Service, Springfield, VA 22161 in a number of forms.

Special Information: The *International Classification of Diseases (ICD-9)*, 9th Revision published by the World Health Organization (WHO), is the foundation of the ICD-9-CM. The WHO Collaborating Center for Classification of Diseases for North America serves as liaison between national health data needs of the United States and its international obligations in maintaining comparability of classifications. The ICD-9-CM is designed for classification of morbidity information for statistical purposes, and for the indexing of hospital records by disease and operations, for data storage and retrieval. It is recommended for use in all clinical settings.

The ICD-9-CM is required for reporting diagnoses and diseases to all U.S. Public Health Service and Health Care Financing Administration programs. ICD-9-CM is published by the U.S. Government in recognition of its responsibility to promulgate this classification throughout the United States for morbidity coding.

Entry Code:	4000*
Name of Code Set:	International Securities Identification Numbering System (ISIN)
Code Set Identifier:	ISO 6166
Related Standard:	ISO 3166
Categories:	Banking and finance
Description:	The ISIN number is an identifier of securities for use in trading and administration of securities in international business transactions.
Code Characteristics:	The ISIN is a twelve-character alphanumeric of the form: AA ddd ddd ddd d The alphabetic portion of the ISIN identifies the country of issue of the security; the rightmost digit is a check digit; the nine digits in between comprise the identifier of the security. The identifier code has no significance; spaces are inserted above as a visual aid. Wherever available, national numbers are used as security identifiers. Zeroes are inserted after the country code for national numbers of less than nine digits. Check digits that occur in national numbers must be included in the count of maximum allowable digits in national numbers. The country of issue of the security is defined as the country where the issuer is legally registered or domiciled. For bonds, the country of issue is that of the central paying agent. Country of issue identifiers are the alpha-2 codes from ISO 3166. (See entry number 1800.)
Maintenance Agency:	CUSIP—Service Bureau (Committee on Uniform Security Identification Procedures) c/o Standard and Poor's Corp. 25 Broadway New York, NY 10004
Source Document and Availability:	<i>Securities—International Securities Identification Numbering System (ISIN)</i> , ISO 6166, Second Edition—1983-08-15 (Available from American National Standards Institute, Inc., 1430 Broadway, New York, NY 10018.)
Copyright:	International Organization for Standardization
Special Information:	ISO 6166 lists National Securities Identification Agencies for the following countries: Austria, Belgium, Canada, Denmark, France, Germany, F. R., Ireland, Italy, Japan, Liechtenstein, Luxembourg, Monaco, Netherlands, Norway, South Africa, Spain, Sweden, Switzerland, United Kingdom, and the United States. For countries where no national agencies exist, or where an existing agency refuses to allocate a number, substitute agencies are designated and specific geographic responsibilities are assigned to these substitute agencies. In such cases, a designator from the range XA to XZ replaces the country code in the ISIN.

* This entry is a reprint from FIPS PUB 19-1.

Entry Code:	4200
Name of Code Set:	International Standard Book Number (ISBN)
Code Set Identifier:	ANSI Z39.21-1980
Related Standard:	ISO 2108-1978
Categories:	Organizations; Publications
Description:	The ISBN identifies one title, from one specific publisher, and is unique to that title or edition.
Code Characteristics:	<p>The ISBN is a ten-digit numeric identifier separated by hyphens into four parts.</p> <p>Part 1. Group Identifier This part identifies the national, geographic or other similar grouping of publishers.</p> <p>Part 2. Publisher Identifier This part identifies a particular publisher within a group.</p> <p>Part 3. Title Identifier This part identifies a particular title or edition published by a particular publisher.</p> <p>Part 4. Check Digit This is a single digit at the end of the ISBN which provides an automatic check on the correctness of the ISBN.</p> <p>The number of digits in each of the identifying parts 1, 2 and 3 is variable, though the total sum of digits contained in these parts is always 9. These nine digits together with the check digit bring the total number of digits in an ISBN to ten.</p>
Maintenance Agency: (National)	<p>The R. R. Bowker Company International Standard Book Numbering System United States Agency 121 Chanlon Road New Providence, NJ 07974 (908) 665-6770</p> <p>Appendix C of the Standard details the functions of the Standard Book Numbering Agency.</p>
Maintenance Agency: (International)	<p>International ISBN Agency Staatsbibliothek Preussischer Kulturbesitz Potsdamer Strasse 33 P.O. Box 1407 D-1000, Berlin 30</p>
Source Document and Availability:	ANS Z39.21-1980, <i>American National Standard for Book Numbering</i> , American National Standards Institute Inc., 1430 Broadway, New York, NY 10018.
Copyright:	American National Standards Institute, Inc.

Entry Code:	4400
Name of Code Set:	International Standard Serial Number (ISSN)
Code Set Identifier:	ANSI Z39.9-1979 (revision expected to be published early 1992)
Related Standard:	ISO 3297-1975
Categories:	Organizations; Publications
Description:	The ISSN code is a unique identifier of serial publications.
Code Characteristics:	An identifier of a serial publication consists of ISSN followed by a seven-digit numeric, plus an eighth check digit. The code is of the form: ISSN dddd-dddd When a check digit of 10 occurs, the rightmost position of the code contains an X. When this happens, the identifier is of the form: ISSN dddd-dddX The code has no significance; the hyphen is inserted only as a visual aid.
Maintenance Agency:	International Serials Data System (ISDS)
(International)	International Centre 20, rue Bachaumont 75002 Paris FRANCE
(National)	National registration centers are located in many countries. For the United States the Maintenance Agency is: The National Serials Data Program (NSDP) The Library of Congress Washington, DC 20540
Source Document and Availability:	ANSI Z39.9-1979, <i>International Standard Serial Numbering</i> (ISSN), American National Standards Institute Inc., 1430 Broadway, New York, NY 10018.
Copyright:	American National Standards Institute, Inc.
Special Information:	The ISDS was designated as the maintenance agency for the ISSN by ISO 3297.

Entry Code: 4600

Name of Code Set: Metropolitan Statistical Areas (MSAs) (Including CMSAs, PMSAs, and NECMAs)

Code Set Identifier: FIPS-PUB-8-5, 1984 October 31

Categories: Economic activity (domestic); Governmental units

Description: The standard provides, for the United States and Puerto Rico the names, components, and identification codes for Metropolitan Statistical Areas (MSAs), Consolidated Metropolitan Statistical Areas (CMSAs), Primary Metropolitan Statistical Areas (PMSAs), and New England County Metropolitan Areas (NECMAs).

Code Characteristics: The identification code for a MSA or for a PMSA has the form:

dddd

The code for a CMSA has the form:

dd or dddd

All codes are consistent with alphabetization of the names of entities they identify.

Maintenance Agency: Office of Management and Budget
Office of Information and Regulatory Affairs
Washington, DC 20503

Source Document and Availability: *Metropolitan Statistical Areas*, (including CMSAs, PMSAs, and NECMAs) FIPS-PUB 8-5, 1984 October 31, National Technical Information Service, Springfield, VA 22161.

Copyright: None

Machine File Availability: The Standard is available on magnetic tape. Tape specifications are: 9-track; 1600 bpi; unlabelled; upper/lower case ASCII or EBCDIC; 132-character records blocked one per block.

Entry Code: 4800

Name of Code Set: Guideline: Codes for Named Populated Places, Primary County Divisions, and Other Locational Entities of the United States and Outlying Areas

Code Set Identifier: FIPS-PUB-55-2, 1987 February 3 (documentation)
FIPS-PUB-55DC-4, 1987 January 16 (data files only)

Related Standard: ANSI X3.47-1988

Categories: Facilities; Governmental units; Locations

Description: Provides a five-digit numeric place code that uniquely identifies a locational entity within each State and State-equivalent of the United States.

Code Characteristics: The FIPS-55 code is of the form:

ddddd

from the sequence 00100 to 89999. This sequence is repeated for each State or State-equivalent and it is consistent with alphabetization of the names associated with the place codes. For unique identification of a place within the United States, the code for the State must precede the place code. State codes are provided in "States and Outlying Areas of the United States." (See entry number 8200.)

Maintenance Agency: Geographical Name Information Systems
National Mapping Division
U.S. Geological Survey
Reston, VA 22092

Source Document and Availability: *Guideline: Codes for Named Populated Places, Primary County Divisions, and Other Locational Entities of the United States and Outlying Areas*, FIPS-PUB-55DC, Fourth (1987) Printed Version, 2 Volumes, National Technical Information Service, Springfield, VA 22161.

Copyright: None

Machine File Availability: The Standard is available on magnetic tape. Tape specifications are: 9-track; 1600 bpi; odd parity; unlabelled; upper and lower case ASCII or EBCDIC; 132-character records blocked at 64 characters per block. Available from the National Technical Information Service, Springfield, VA 22161, as PB87-142436/BAT.

Entry Code: 5000

Name of Code Set: National Drug Code

Code Set Identifier: None

Categories: Health; Organizations; Products

Description: The code provides identifiers for prescription drugs and for selected over-the-counter drug products, in accordance with the provisions of the Drug Listing Act of 1972.

Code Characteristics: The code is a ten-digit, three-part identifier of a trade-packaged drug product. It may have one of the following forms:

dddd-dddd-dd
 ddddd-dddd-d
 ddddd-ddd-dd

Proceeding from left to right, the three parts identify the labeler, the product, and the package, respectively.

The leftmost part, the labeler code, is assigned by the Food and Drug Administration (FDA). The middle part, the product code, identifies a specific strength, dosage form, and formulation of a particular labeler. The rightmost part, the package code, identifies the trade package size. The labeler assigns both the product and package codes. The FDA defines a labeler as any firm that manufactures or distributes a drug product under its own trade name (label).

Maintenance Agency: Food and Drug Administration
 Drug Listing Branch (HFD-334)
 5600 Fishers Lane
 Rockville, MD 20857

Source Document and Availability: *National Drug Code Directory, 1985*, Public Health Service, (FDA) Stock No. 017-012-81002-1, 1982, 1v., U.S. Government Printing Office, Washington, DC 20402.

Copyright: None

Machine File Availability: Available from the National Technical Information Service, Springfield, VA 22161. The data file contains over 200,000 variable-length records. Tapes are recorded in EBCDIC in most standard 9-track recording modes. Only one type of tape is sent out at the option of NTIS.

Entry Code: 5200

Name of Code Set: National Motor Freight Classification
(Commodity Codes)

Code Set Identifier: NMF 100

Categories: Commodities; Transportation

Description: An identification code for commodities transported by motor carriers.

Code Characteristics: The commodity code is a six-digit numeric of the form:

d d d d d d

A seventh digit is added where necessary to indicate supplementary information, for example, special packaging requirements, different density ranges, etc.

Maintenance Agency: National Classification Committee
2200 Mill Road
Alexandria, VA 22314-4654
(703) 838-1810

Source Document and Availability: *National Motor Freight Classification*, NMF 100; issued annually and updated monthly by the American Trucking Associations, Attn: Customer Service, 2200 Mill Road, Alexandria, VA 22314-4677, (800) ATA-LINE.

Copyright: American Trucking Associations, Inc.

Machine File Availability: A magnetic tape is available from the American Trucking Associations. The tape is unlabelled; 9-track; 800, 1600 or 6250 bpi; ASCII or EBCDIC; record length 200; blocking factor 24. Inquiries should be directed to the American Trucking Associations, Attn: Traffic Department, 2200 Mill Road, Alexandria, VA 22314-4677, (800) ATA-LINE.

Entry Code: 5400

Name of Code Set: National Motor Freight Classification
(Participating Carriers)

Code Set Identifier: NMF 100

Categories: Organizations; Transportation

Description: An identification code for carriers that participate in the National Motor Freight Classification. This code is a subset of entry code 6400-Standard Carrier Alpha Code (SCAC).

Code Characteristics: The identifier of carriers is a two- to four character alphabetic of the form:

AA AAA AAAA

Maintenance Agency: National Motor Freight Traffic Association, Inc.
2200 Mill Road
Alexandria, VA 22314-4654
(703) 838-1868

Source Document and Availability: *National Motor Freight Classification*, NMF 100; reissued annually and updated monthly by the American Trucking Associations, Attn: Customer Service, 2200 Mill Road, Alexandria, VA 22314-4677, (800) ATA-LINE.

Copyright: National Motor Freight Traffic Association, Inc.

Entry Code: 5600*

Name of Code Set: Power Plant Identification: IEEE Recommended Practice

Code Set Identifier: IEEE Std 803-1983; and IEEE Std 803A-1983

Categories: Energy; Facilities

Description: These Standards specify recommended procedures and principles for unique identification of the systems, structures, functions, and components of electric power-generating stations.

The Standard is the first in the series entitled Energy Industry Identification System (EIS): recommended practices that together present a common language for the unique identification of systems, structures, and components of nuclear and fossil-fueled power plant projects (electric power generation stations) and related facilities. Hydroelectric and other types of power plants are not included in the system.

Code Characteristics: The unique identification code is alphanumeric and has a maximum length of 25 characters. The code consists of five fields and has the form:

XXXX-XXXXXX-XXXX-XXXXXX-X

The fields are numbered 1 through 5, beginning with the leftmost:

field 1 = project identifier, within the user organization;

field 2 = generating unit/system identifier; consists of two code elements: the two leftmost characters identify a generating unit within the project identified in field 1; the rightmost four characters are system identifiers, as designated by the user organization;

field 3 = component function identifier; may consist of one to four characters; left-justified; unused character spaces contain blanks; names and codes of the component functions are specified in IEEE Std 803A-1983;

field 4 = sequence code; may be numeric, alphabetic, or alphanumeric; rightmost character may be used to differentiate identical component functions of a primary unit;

field 5 = electrical separation identifier; designates electrical divisional power supply or reactor protection channel; blank when a component function is not assigned to an electrical separation.

Maintenance Agency: None identified.

Source Document and Availability: IEEE Std 803-1983
IEEE Std 803A-1983
The Institute of Electrical and Electronics Engineers, Inc.
345 East 47th Street
New York, NY 10017

Copyright: The Institute of Electrical and Electronics Engineers

* This entry is a reprint from FIPS PUB 19-1.

Entry Code: 5800

Name of Code Set: Schedule B Number

Categories: Commodities; International trade

Description: A classification and identification code for commodities for use by exporters in Shipper's Export Declarations.

Code Characteristics: The code is a 10-digit numeric of the form:
 dddd.dd.dddd

The first two digits represent the chapter in which a commodity is classified.

Maintenance Agency: U.S. Bureau of the Census
Foreign Trade Division
Washington, DC 20233

Source Document and Availability: U.S. Bureau of the Census, Schedule B—*Statistical Classification of Domestic and Foreign Commodities Exported from the United States*, 1990 Edition; U.S. Government Printing Office, Washington, DC. (Public Bulletins issued annually.)

Copyright: None

Entry Code:	6000*
Name of Code Set:	Social Security Number (SSN)
Code Set Identifier:	None
Categories:	Individuals
Description:	The original purpose of the Social Security Number was to identify the record of the earnings of an individual engaged in covered employment or in self-employment.
Code Characteristics:	The SSN is a nine-digit numeric separated by hyphens into three groups. It is of the form: ddd-dd-dddd The three leftmost digits identify an area; the next two identify a group; and the four rightmost digits are assigned sequentially within each group. Strictly speaking, the SSN has no significance. In the early days of SSA, the leftmost portion identified the field office of SSA that issued the SSN number. Once the number was assigned to an individual, the area lost its significance, for individuals retain their SSN's for life, regardless of domicile. The middle portion serves to divide the SSN into blocks of a size convenient to internal SSA operations. The rightmost portion is assigned serially within each group, as already noted.
Maintenance Agency:	Social Security Administration Baltimore, MD 21235
Source Document and Availability:	<i>Program Operations Manual System</i> , Part 01 – Records Maintenance; Chapter 002 – The Social Security Number, Policy and General Procedures; Subchapter 01, The Social Security Number. The <i>Manual</i> is available for consultation at all Social Security Administration Freedom of Information Centers.
Copyright:	None
Machine File Availability:	Not publicly available

* This entry is a reprint from FIPS PUB 19-1.

Entry Code:	6200*
Name of Code Set:	Standard Address Number (SAN)
Code Set Identifier:	ANSI Z39.43-1980
Categories:	Locations; Organizations; Publications
Description:	The SAN is a six-digit numeric code that uniquely identifies each address of an organization that is served by the book industry and that is engaged in repetitive transactions with other members of the book industry.
Code Characteristics:	<p>The SAN code is a six-digit numeric identifier preceded by SAN; a seventh digit is added for checking purposes. The code has the form:</p> <p style="text-align: center;">SAN ddd-dddd</p> <p>When a check digit of 10 occurs, the rightmost character contains an X. When this happens, the SAN is of the form:</p> <p style="text-align: center;">SAN ddd-dddX</p> <p>The code has no significance; the hyphen is inserted after the first three digits to provide a visual aid to users. The hyphen must appear in the printed form, but need not be entered into computer systems that process data related to the book industry.</p>
Maintenance Agency:	The R. R. Bowker Company International Standard Book Numbering United States Agency 121 Chanlon Road New Providence, NJ 07974
Source Document and Availability:	ANSI Z39.43-1980, <i>Identification Code for the Book Industry</i> , American National Standards Institute, 1430 Broadway, New York, NY 10018.
Copyright:	American National Standards Institute

* This entry is a reprint from FIPS PUB 19-1.

Entry Code: 6400

Name of Code Set: Standard Carrier Alpha Codes (SCAC)

Code Set Identifier: NMF 101

Categories: Organizations; Transportation

Description: An alphabetic identification code for transportation companies.

Code Characteristics: The identifier is a two-, three-, or four-character alphabetic code of the form:
AA AAA or AAAA

Maintenance Agency: National Motor Freight Traffic Association, Inc.
2200 Mill Road
Alexandria, VA 22314-4654
(703) 838-1832

Source Document and Availability: *Directory of Standard Multi-Modal Carrier and Tariff Agents Codes (SCAC and STAC)*, issued bi-annually, updated quarterly, by the National Motor Freight Traffic Association, Inc., 2200 Mill Road, Alexandria, VA 22314-4654, (703) 838-1822.

Copyright: National Motor Freight Traffic Association, Inc.

Machine File Availability: A magnetic tape is available from the National Motor Freight Traffic Association, Inc. Included on the tape are all Standard Carrier Alpha Code (SCAC) and Standard Tariff Agent Code (STAC) assignments. The tape is unlabelled; 9-track; ASCII or EBCDIC; recorded at 1600 or 6250 bpi; record length is 123 characters; the blocking factor is 24. Inquiries should be directed to the Association at the address and telephone number indicated above.

Entry Code: 6600

Name of Code Set: Standard Industrial Classification (SIC) Codes

Code Set Identifier: Standard Industrial Classification Manual, 1987

Categories: Economic activity (domestic)

Description: Provides a classification, codes, and short titles for the identification and representation of the industries of the United States.

Code Characteristics: The SIC code is structured so that it identifies successively lower (more detailed) levels of industrial activity. The code is a four-digit numeric of the form:

dd = division
ddd = industry group
dddd = industry

The total SIC code structure is classified under 10 major divisions designated A through J; an eleventh division, K, comprises nonclassifiable establishments.

Maintenance Agency: Statistical Policy
Office of Information and Regulatory Affairs
Office of Management and Budget
Washington, DC 20503

Source Document and Availability: *Standard Industrial Classification Manual, 1987*, National Technical Information Service, Springfield, VA 22161.

Copyright: None

Machine File Availability: A magnetic tape containing the codes, industry titles, and text of the *Standard Industrial Classification Manual, 1987*, is available from the National Technical Information Service. This information is also available on diskette. The text in electronic form together with a hypertext search engine is also available from NTIS.

Entry Code: 6800

Name of Code Set: Standard International Trade Classification (SITC) Codes

Code Set Identifier: None

Categories: Commodities; International trade

Description: A classification and identification code for commodities that enter external trade, i.e., all goods whose movement into or out of the customs area of a country adds to or subtracts from the material resources of the country.

Code Characteristics: The SITC code is a 2- to 5-digit numeric of the form:

d = section
dd = division
ddd = group
ddd.d = subgroup
ddd.dd = item

The code enables analysis of data at successively lower (more detailed) aggregates.

Maintenance Agency: United Nations Statistical Office
New York, NY 10017

Source Document and Availability: *Standard International Trade Classification*, Revision 3, United Nations, Department of Economic and Social Affairs, Statistical Office, Statistical Papers, Series M, N.34/Rev. 3, UN Publication E.86.XVII.12, Publishing Service, New York, NY 10017.

Entry Code: 7000

Name of Code Set: Standard Occupational Classification (SOC) Codes

Code Set Identifier: FIPS-PUB-92, 1983 February 24

Categories: Economic activity (domestic)

Description: Provides a classification, short titles, and identification codes for the occupational structure of the workforce of the United States.

Code Characteristics: The SOC code is structured so that it identifies groupings of successively lower (more detailed) levels of aggregation. The code is a four-digit numeric of the form:

dd = major group
 ddd = minor group
 dddd = unit group

This structure is classified under 22 divisions of occupational activity; the divisions are not coded.

Maintenance Agency: Statistical Policy
 Office of Information and Regulatory Affairs
 Office of Management and Budget
 Washington, DC 20503

Source Document and Availability: *Standard Occupational Classification Manual 1980*, Superintendent of Documents, U.S. Government Printing Office, Stock No. 003-005-00187-5.

Titles classified in the *Manual* are cross-referenced to the *Dictionary of Occupational Titles*, Fourth Edition, 1977, Superintendent of Documents, U.S. Government Printing Office, Stock No. 029-013-00079-9.

Guideline for Standard Occupational Classification (SOC) Codes, FIPS-PUB-92, 1983 February 24; National Technical Information Service, Springfield, VA 22161.

Copyright: None

Machine File Availability: A magnetic tape containing the codes, occupational titles, and text of *Standard Occupational Classification Manual 1980*, is available from the National Technical Information Service. The tape also provides a cross-reference to the codes and titles of the *Dictionary of Occupational Titles*.

Entry Code: 7200

Name of Code Set: Standard Point Location Code (SPLC-Canada)

Code Set Identifier: None

Categories: Locations; Transportation

Description: The Standard Point Location Code (SPLC) for Canada provides a coding structure for identification of origin/destination location points for the transportation industry.

Code Characteristics: The SPLC is a six-digit numeric of the form:

d d d d d d

The digits are structured so that they identify successively smaller geographic entities in a consistent manner.

The leftmost digit identifies Canada, and is always zero. Proceeding toward the right, digits are added to represent 2- to 3-digit regions, and 4-digit subregions. Digits 5 and 6 are then added to identify the location point. Boundaries for each region are defined in accordance with criteria that are peculiar to each region.

Maintenance Agency: National Transportation Agency
275 Slater Street
Ottawa, Ontario
Canada K1A 0N9

Source Document and Availability: *Standard Point Location Code, English Edition I*, Canadian Transport Commission and Canadian Freight Association, Supply and Services Canada, 1978, 3 Volumes, Traffic and Tariffs Branch, Canadian Transport Commission, Ottawa, Ontario, Canada K1A 0N9.

Copyright: Minister of Supply and Services Canada 1978

Entry Code: 7400

Name of Code Set: Standard Point Location Code (SPLC-USA)

Code Set Identifier: NMF 102

Categories: Locations; Transportation

Description: The SPLC provides a unique identification code for each point that originates freight and each point that receives freight within the United States, Puerto Rico, Canada and Mexico.

Code Characteristics: The code is a six-digit numeric of the form:

d d d d d d

It has a nested structure of digits that identify successively smaller geographic entities in a consistent manner. For the United States, Puerto Rico and Canada, proceeding from left to right:

digit 1 identifies a region;

digits 1 and 2 identify a Commonwealth, Province, State or Territory;

digits 3 and 4 identify a county or county-equivalent that is part of the area identified by digits 1 and 2;

digits 5 and 6 identify a point location that is part of the area identified by digits 1, 2, 3, and 4.

For Mexico, proceeding from left to right:

digits 1 and 2 identifies a region;

digits 1, 2, and 3 identify a state;

digits 4, 5, and 6 identify a point within a municipio (county equivalent) as part of the area covered by the first three digits of the code.

Sub-codes: A three-digit sub-code is used to identify locations within an already named point. These digits are appended to the six-digit location codes.

Certain groups of sub-codes are reserved for specific use as follows:

sub-codes 001–199: parts of (example Georgetown, part of Washington, DC);

sub-codes 200–239: colleges, universities, hospitals, prisons, museums, post offices, stadiums, buildings—including government (nonmilitary);

Entry Code: 7400 (continued)

sub-codes 240–299: Military Facilities:

240–249 Air Force
 250–259 Army
 260–269 Coast Guard
 270–279 Defense Logistics Agency
 280–289 Marine Corps
 290–299 Navy

sub-codes 300–499: plant sites, warehouses, power stations, docks, piers;

sub-codes 500–599: delivery zones;

sub-codes 600–699: resorts, parks, race tracks, amusement centers, zoos, shopping centers, historical monuments, miscellaneous;

sub-codes 700–999: reserved for use by code subscribers for their internal usage to define locations peculiar to their own needs.

Maintenance Agency: National Motor Freight Traffic Association, Inc.
 2200 Mill Road
 Alexandria, VA 22314-4654
 (703) 838-1822

Source Document and Availability: *Continental Directory of Standard Point Location Codes* (and SPLC), NMF 102; reissued bi-annually, updated quarterly by the National Motor Freight Traffic Association, Inc., 2200 Mill Road, Alexandria, VA 22314-4654, (703) 838-1822.

Copyright: National Motor Freight Traffic Association, Inc.

Machine File Availability: A magnetic tape is available from the National Motor Freight Traffic Association, Inc. Included on the tape are all motor carrier and rail points listed in the Directory, and a cross reference to FIPS 6-4. The tape is unlabelled; 9-track, recorded at either 1600 or 6250 bpi; ASCII or EBCDIC; record length is 80; the blocking factor is 50. Inquiries should be directed to the Association at the address and telephone number above.

Entry Code: 7600

Name of Code Set: Standard Tariff Agents Code (STAC)

Code Set Identifier: NMF 101, Item 5

Categories: Organizations; Transportation

Description: A three or four letter identification code assigned to transportation tariff publishing agents.

Code Characteristics: The code is of the form:
AAA or AAAA

Maintenance Agency: National Motor Freight Traffic Association, Inc.
2200 Mill Road
Alexandria, VA 22314-4654
(703) 838-1832

Source Document and Availability: Item 5, entitled *Alphabetical List of Agents Whose Standard Tariff Agents Codes (STAC)* is published in the *Directory of Standard Multi-Modal Carrier and Agents Codes (SCAC-STAC)*; reissued bi-annually, updated quarterly by the National Motor Freight Traffic Association, Inc., 2200 Mill Road, Alexandria, VA 22314-4654, (703) 838-1822.

Copyright: National Motor Freight Traffic Association, Inc.

Machine File Availability: Available as part of the magnetic tape file for the *Directory of Standard Multi-Modal Carrier and Tariff Agents Codes (SCAC-STAC)*. Inquiries should be directed to the Association at the address and telephone number indicated above.

Entry Code:	7800*
Name of Code Set:	Standard Technical Report Number (STRN)
Code Set Identifier:	ANSI Z39.23-1983
Categories:	Publications
Description:	Provides a uniform format for the creation of unique but compatible technical report numbers.
Code Characteristics:	<p>The STRN consists of two essential parts: a report code and a sequential group separated by a hyphen (the group separator). The report code is the first group of characters and designates the issuing organization (or in some cases a special series issued cooperatively by two or more organizations). The report code consists of no more than fourteen characters including a maximum of two diagonal separators (/). The first character of the report code shall be an uppercase letter, the remaining characters (other than the diagonals) may be uppercase alphabetic or numeric characters.</p> <p>The sequential group is the second group of characters and constitutes that portion of the STRN that is assigned in sequence by each report issuing agency. The characters are digits only, except for the optional inclusion of a single diagonal. The first two digits should be, preferably, the last two digits of the year of publication. If this option is selected, a diagonal (/) shall separate the year from the following set of one to four digits. If the year of publication is not designated, the sequential group shall consist of one to seven digits without a separator. A typical form of the STRN showing the inclusion of separators, is as follows:</p> <p style="text-align: center;">Axxxx/xxxx/xx-dd/dddd</p>
Maintenance Agency:	National Technical Information Service Springfield, VA 22161
Source Document and Availability:	ANSI Z39.23-1983 <i>Standard Technical Report Number (STRN) – Format and Creation</i> , American National Standards Institute, Inc., 1430 Broadway, New York, NY 10017.
Copyright:	American National Standards Institute, Inc.

* This entry is a reprint from FIPS PUB 19-1.

Entry Code:	8000*
Name of Code Set:	Standard Transportation Commodity Code (STCC)
Code Set Identifier:	STCC Tariff 6001-O
Categories:	Commodities; Transportation
Description:	A numeric code that identifies commodities that are transported by multi-modal carriers in the United States.
Code Characteristics:	<p>The STCC code is a 2- to 7-digit numeric that may identify a commodity, a product class, an individual industry, a minor industry group, or a major industry group. The code is of the form:</p> <p>dd = 2-digit level = major industry group dd d = 3-digit level = minor industry group dd dd = 4-digit level = an industry dd ddd = 5-digit level = product class dd ddd dd = 7-digit level = description of an article</p> <p>The number of digits indicates the level of a given code in the hierarchical structure of the STCC. The higher the level number, the more detailed is the data represented by the code.</p>
Hazardous Materials:	<p>A code of 49 at the 2-digit level identifies a hazardous material or substance. This code is of the form:</p> <p>dd = 2-digit level = hazardous material or substance dd dd = 4-digit level = hazard class as designated by the U.S. Department of Transportation dd ddd = 5-digit level = hazard class group dd ddd dd = 7-digit level = U.S. Department of Transportation proper shipping name or description (bridged to descriptions coded at 2-digit levels 01 thru 47)</p>
Maintenance Agency:	<p>STCC Technical Committee c/o Association of American Railroads Economics and Finance Department Code Section Capitol Place, 50 F Street, NW Washington, DC 20001</p>
Source Document and Availability:	<p><i>Standard Transportation Commodity Code</i>, Tariff STCC 6001-O, issued December 18, 1986; effective January 1, 1987; 842 pages. J. R. Rodgers, Tariff Publishing Officer, 222 South Riverside Plaza, Chicago, IL 60606. (Reissued annually; a change in the alphabetic character of the code set identifier designates each successive edition.)</p>
Copyright:	Association of American Railroads
Machine File Availability:	<p>A magnetic tape is available from the Association of American Railroads. The tape includes the codes listed in the STCC Tariff. It is recorded in EBCDIC on 9-track tape at 6250 bpi. (Recording at other densities may be requested.) Tape labels are standard. The file contains records of 81 characters blocked at 10.</p>

* This entry is a reprint from FIPS PUB 19-1.

Entry Code: 8200

Name of Code Set: Codes for the Identification of the States, the District of Columbia, and the Outlying Areas of the United States, and Associated Areas

Code Set Identifier: FIPS-PUB-5-2, 1987 May 28

Related Standard: ANSI X3.38-1988

Category: Governmental Units

Description: Provides names and codes (both alphabetic and numeric) for the 50 States, the District of Columbia, the outlying areas, and freely associated states. Also provides numeric codes for the individual minor outlying island territories.

Code Characteristics: A code for a State or an outlying area of the United States has the form:

AA or dd

The standard covers all land areas under the sovereignty of the United States, Palau (the lone component remaining from the Trust Territory of the Pacific Islands), and the freely associated states of the Federated States of Micronesia and Marshall Islands.

Maintenance Agency: Office of the Chief
Geography Division
Bureau of the Census
Washington, DC 20233

Source Document and Availability: *Codes for the Identification of the States, the District of Columbia, and the Outlying Areas of the United States, and Associated Areas*, FIPS-PUB-5-2, National Technical Information Service, Springfield, VA 22161.

Copyright: None

Entry Code: 8400

Name of Code Set: HTSUSA Number

Code Set Identifier: None

Categories: Commodities; International trade

Description: A classification and identification code for imported merchandise, for use in statistical analysis and in determination of duty rates.

Code Characteristics: The commodity code is a 10-digit numeric of the form:

 dddd.dd.dddd

The two leftmost digits represent the chapter in which a commodity is classified. The two rightmost digits are statistical suffixes that provide for recording of additional detail in many merchandise categories.

Maintenance Agency: U.S. Bureau of the Census
Foreign Trade Division
Washington, DC 20233

Source Document and Availability: U.S. International Trade Commission, *Harmonized Tariff Schedule of the United States Annotated for Statistical Reporting Purposes (1991)*, USITC Publication 2333, Superintendent of Documents, Washington, DC 20402.

Copyright: None

Entry Code: 8600*

Name of Code Set: Uniform Freight Classification
(Commodity Codes)

Code Set Identifier: UFC 6000-D

Categories: Commodities; Transportation

Description: A numeric identifier for commodities transported by rail, water, and motor carriers.

Code Characteristics: The commodity code is a five-digit numeric of the form:

 d d d d d

Maintenance Agency: Uniform Classification Committee
Agent
Suite 1160
222 South Riverside Plaza
Chicago, IL 60606

Source Document and Availability: *Uniform Freight Classification 6000-D*, issued December 10, 1986; effective January 15, 1987; 1116 pages. G. F. Earl, Tariff Publishing Officer, Suite 1160, 222 South Riverside Plaza, Chicago, IL 60606. (Reissued annually; a change in the alphabetic character of the code set identifier designates each successive edition.)

Copyright: G. F. Earl (1987)

* This entry is a reprint from FIPS PUB 19-1.

Entry Code: 8800*

Name of Code Set: Uniform Freight Classification
(Participating Carriers)

Code Set Identifier: UFC 6000-D

Categories: Organizations; Transportation

Description: An identification code for participating freight forwarders and rail, water, and motor carriers.

Code Characteristics: The identification code for participating carriers is a variable-length alphabetic of the form:

AA, AAA, or AAAA

Maintenance Agency: Uniform Classification Committee
Agent
Suite 1160
222 South Riverside Plaza
Chicago, IL 60606

Source Document and Availability: *Uniform Freight Classification 6000-D*, issued December 10, 1986; effective January 15, 1987; 1116 pages. G. F. Earl, Tariff Publishing Officer, Suite 1160, 222 South Riverside Plaza, Chicago, IL 60606. (Reissued annually; a change in the alphabetic character of the code set identifier designates each successive edition.)

Copyright: G. F. Earl (1987)

* This entry is a reprint from FIPS PUB 19-1.

Entry Code: 9000*

Name of Code Set: United Nations Number

Code Set Identifier: None

Categories: Substances; Transportation

Description: Provides codes, names, and hazard classes for materials designated as dangerous for purposes of transport in commerce.

Code Characteristics: The identifier of the dangerous goods listed is numeric of the form:
dddd

Maintenance Agency: United Nations Committee of Experts on the Transport of Dangerous Goods

Source Document and Availability: *Transport of Dangerous Goods*, Recommendations of the Committee of Experts on the Transport of Dangerous Goods, Third Revised Edition, United Nations ST/SG/AC10/1/Rev. 3, 1983, Sales No. E.83.VIII.2, United Nations Sales Section, New York or Geneva.

Copyright: United Nations

* This entry is a reprint from FIPS PUB 19-1.

Entry Code:	9200
Name of Code Set:	Universal Product Code (UPC) – Version A
Code Set Identifier:	None
Categories:	Organizations; Products
Description:	A numerical code that is represented by the machine-readable UPC symbol. The symbol consists of a series of 30 parallel, variable-width dark bars and 29 light spaces, with a light margin on each side of the overall rectangular shape. The bar codes and their visual interpretation comprise the symbol. The code identifies a consumer package.
Code Characteristics:	Version A of the UPC is an eleven-digit numerical code of the form plus check digit. <div style="text-align: center;">d ddddd-ddddd d</div> <p>The hyphen is not part of the code; it is used for convenience, to allow reference to the right and left portions of the symbol. The number system character appears to the left of the symbol. The first set of five digits contains the identification number. The number system and manufacturer ID number are assigned by the Uniform Code Council to the owner/controller of a product label. The second set of five digits contains the item code as assigned and controlled by the owner/controller of a product label.</p> <p>The UPC symbol includes a check character which is embedded in the rightmost position of the symbol.</p>
Maintenance Agency:	Uniform Code Council, Inc. 8163 Old Yankee Road, Suite J Dayton, OH 45458
Source Document and Availability:	<i>UPC Symbol Specification Manual</i> , August 1990, 31 pages, plus appendices. <i>UPC Guidelines Manual</i> , October 1990, 20 pages. <i>UPC Symbol Location Guidelines Manual</i> , September 1986, 31 pages, plus appendices. <i>UPC Film Master Verification Manual</i> , July 1991, 57 pages, plus appendices. <i>UPC Industrial Code Guidelines Manual</i> , May 1984, 24 pages. <i>UPC Coupon Code Guidelines Manual</i> , October 1987, 23 pages, plus appendices. All source documents available from: Uniform Code Council, Inc. 8163 Old Yankee Road, Suite J Dayton, OH 45458
Copyright:	Uniform Code Council, Inc.
Machine File Availability:	A magnetic tape of UPC manufacturer identification codes is available upon request. Inquiries, re-availability and cost should be directed to the Uniform Code Council.

Entry Code: 9800

Name of Code Set: ZIP Code

Code Set Identifier: Publication 65

Categories: Locations

Description: The ZIP code is a geographic identifier of areas within the United States and its territories for purposes of expediting mail distribution by the U.S. Postal Service.

Code Characteristics: The ZIP code is a five-digit numeric of the form:

dddd

or a nine-digit numeric of the form:

dddd-dddd

The ZIP code structure divides the United States into ten large groups of States. The leftmost digit identifies one of these groups. Proceeding from left to right, the next two digits identify one of (an average of ten) smaller geographic areas that comprise the large group identified by the leftmost digit. The two rightmost digits of the five-digit group identify a local delivery area.

In the nine-digit ZIP code, the four digits that follow the hyphen further subdivide the location identified by the five-digit portion. The two leftmost digits identify a specific sector of the location. A sector may consist of large buildings, a small geographic area, or of several blocks or groups of streets. The two rightmost digits divide a sector into segments. A segment may consist of one side of a city block, of both sides of a particular street, of one floor of a large building, of a cluster of mail boxes, of one post office box or group of boxes, or of other similar locations.

Maintenance Agency: U.S. Postal Service
Office of Address and Customer Information Systems
Customer and Automation Service Department
Washington, DC 20260-5902

Source Document and Availability: *National ZIP Code and Post Office Directory*, Publication 65, revised annually, U.S. Postal Service, Washington, DC 20260.

Copyright: United States Postal Service

Machine File Availability: The Postal Service makes available several databases on tape. These include its five-digit zip code and city state file (which provides the same information as the ZIP Code Directory), a ZIP plus 4 sets of tapes for all addresses, and a carrier route information system tape. These tapes are available in ASCII or EBCDIC, 9-track format, at densities of 6250 or 1600 bpi. For ordering, call 800-238-3150. This number accesses the Address Information Center in Memphis, TN, part of the Address and Customer Information Systems Division of the Customer and Automation Service Department.



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Catalog of Widely Used Code Sets

Standards Processing Coordinator (ADP)
Computer Systems Laboratory
Building 225, Room B-64
National Institute of Standards and Technology
Gaithersburg, MD 20899
Telephone: (301) 975-2816
FAX: (301) 948-1784

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