

Oracle Designer

Report : TABLE DEFINITION
Filename : s:\documents\pdfs\govu.pdf
Run by : DSHUGHES
Report Date : 12 May 2003
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Parameter Values

Workarea : GLOBAL SHARED WORKAREA
Container : GNIS
Container Version :
Recurse Sub-Containers : N
Tab/View/Snap Name : GOVERNMENT_UNITS
Diagram :
Includes
Yes column Details :
Tables Created
On/After :
and On/Before : 12 May 2003
Tables Changed
On/After :
On/Before : 12 May 2003

Container : GNISVersion :

Table Name : GOVERNMENT_UNITSAlias : GOVU
Display Title :

Description : The names and codes of governmental units in or associated with the United States as defined in Federal Information Processing Standards (FIPS) publications, including the following:

Countries

The unique two letter code of a country assigned by Federal Information Processing Standards Publication (FIPS PUB) 10-4, "Countries, Dependencies, Areas of Special Sovereignty, And Their Principal Administrative Divisions." For more information, see the FIPS Web page: <http://www.itl.nist.gov/div897/pubs/index.htm>. Contains data only for the following countries: United States, Mexico, Canada, Federated States of Micronesia, Marshall Islands, Palau, and Antarctica.

States and equivalentents

A state, the District of Columbia, an outlying area of the United States and associated areas as defined in 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."

An equivalentent principle administrative division of a country other than the United States as defined in FIPS PUB 10-4, "Countries, Dependencies, Areas Of Special Sovereignty, And Their Principal Administrative Divisions."

The attributes of this entity are defined in accordance with FIPS PUBs 5-2 and 10-4, and the attribute values are from these publications. The table only the countries listed above and the state equivalentents associated with them in publication 10-4.

Counties and equivalentents

A county or county equivalentent as listed in FIPS PUB 6-4, "Counties And Equivalentent Entities Of the United States, Its Possessions, And Associated Areas." A county equivalentent may be a parish, borough, municipality, Alaska Census Area or other civil division of a State or State equivalentent within the United States.

Note: This table is denormalized from separate State, and County tables to improve application query performance. The data is essentially static.

Volumes

Start Rows : 0End Rows : 0

Storage

Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
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Table Definition

Container : GNIS Version :

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	FEATURE_ID	NOT NULL	NUMBER (10, 0)
20	UNIT_TYPE	NOT NULL	VARCHAR2 (50)
30	COUNTY_NUMERIC	NULL	NUMBER (3)
40	COUNTY_NAME	NULL	VARCHAR2 (100)
50	STATE_NUMERIC	NULL	NUMBER (2)
60	STATE_ALPHA	NULL	VARCHAR2 (2)
70	STATE_NAME	NULL	VARCHAR2 (100)
80	COUNTRY_ALPHA	NOT NULL	VARCHAR2 (2)
90	COUNTRY_NAME	NOT NULL	VARCHAR2 (100)
100	GEOMETRY	NULL	VARCHAR2 (240)

Primary Key

<u>Name</u>	<u>Column</u>
GOVU_PK	FEATURE_ID

Other Unique Keys

<u>Name</u>	<u>Column</u>
COUNTY_UK	COUNTY_NUMERIC STATE_NUMERIC COUNTRY_ALPHA

Foreign Keys

GOVU_FEAT_FK	
FEATURE_ID	references FEATURES.FEATURE_ID
Transferable ?	No Update Rule : Restricted
Mandatory ?	Yes Delete Rule : Restricted

Column Detail

10	FEATURE_ID	
	Optional ?	:No ; Number (10, 0) ;() ; ; Uppercase ? :No ;
	This is a foreign key column for FEATURES.FEATURE_ID. The Feature ID number for the governmental unit.	
	<u>Notes</u>	GNIS Table/Column: FEATURE.FEATURE_ID_NMBR
	Data Loading Instructions: Load from FEATURE.FEATURE_ID_NMBR.	
20	UNIT_TYPE	
	Optional ?	:No ; Varchar2 (50) ;() ; ; Uppercase ? :Yes ;
	The type of government unit. Values are COUNTY, STATE.	

Table Definition

Container : GNIS Version :

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
COUNTRY_ALPHA_I	1	COUNTRY_ALPHA	BITMAP
COUNTRY_NAME_I	1	COUNTRY_NAME	BITMAP
COUNTY_I	5	COUNTRY_ALPHA	NOT UNIQUE
COUNTY_I	10	STATE_NUMERIC	NOT UNIQUE
COUNTY_I	15	COUNTY_NUMERIC	NOT UNIQUE
COUNTY_NAME_I	5	COUNTY_NAME	NOT UNIQUE
COUNTY_NUMERIC_I	1	COUNTY_NUMERIC	NOT UNIQUE
STATE_I	1	COUNTRY_ALPHA	NOT UNIQUE
STATE_I	2	STATE_NUMERIC	NOT UNIQUE
STATE_NAME_I	1	STATE_NAME	NOT UNIQUE
STATE_NUMERIC_I	1	STATE_NUMERIC	NOT UNIQUE
UNIT_TYPE_I	1	UNIT_TYPE	BITMAP

Column DetailNotes

Current GNIS Table/Column:
None

Data Loading Instructions:

If FEATURE_ID is: load value =
Country Country
County COUNTY
State STATE

30 COUNTY_NUMERIC

Optional ? :Yes ; Number (3) ; () ; ; Uppercase ? :No ; Sort Order :A ;

The unique three number code for a county or county equivalent assigned by Federal Information Processing Standards Publication (FIPS PUB) 6-4, "Counties And Equivalent Entities Of the United States, Its Possessions, And Associated Areas." For more information, see the FIPS Web page:
<http://www.itl.nist.gov/div897/pubs/index.htm>

Notes

Current GNIS Table/Column:
COUNTY.CNTY_NMBR_CODE

The three digit county code is unique within each state. For many purposes, the two digit state code is added as a prefix. This full five digit county code is unique in the United States.

Data Loading Instructions: Load from the above column and verify with the FIPS PUB. The table should contain all entries and only the entries from the FIPS PUB.

Table Definition

Container : GNIS Version :

Column Detail

40 COUNTY_NAME

Optional ? :Yes ; Varchar2 (100) ;() ; ; Uppercase ? :No ;

The name of a county or county equivalent assigned by Federal Information Processing Standards Publication (FIPS PUB) 6-4, "Counties And Equivalent Entities Of the United States, Its Possessions, And Associated Areas."

Notes Current GNIS Table/Column:
COUNTY.COUNTY_NAME

Data Loading Instructions: Load from the above column keyed to COUNTY.CNTY_ID_NMBR and verify with the FIPS PUB. The table should contain all entries and only the entries from the FIPS PUB.

50 STATE_NUMERIC

Optional ? :Yes ; Number (2) ;() ; ; Uppercase ? :No ; Sort Order :A ;

1. The unique two number code for a US State assigned by Federal Information Processing Standards Publication (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."

2. The unique two number code for a principle administrative division of countries other than the United States assigned by FIPS PUB 10-4, "Countries, Dependencies, Areas Of Special Sovereignty, And Their Principal Administrative Divisions."

For more information, see the FIPS Web page:
<http://www.itl.nist.gov/div897/pubs/index.htm>

Notes Current GNIS Table/Column:
STATE.STATE_NMBR_CODE

Data Loading Instructions: Load from above column. Verify and add as necessary from FIPS Pubs. The table will include only values from the FIPS Pubs. It will include all values from FIPS PUB 5-2, and selected values from 10-4.

60 STATE_ALPHA

Optional ? :Yes ; Varchar2 (2) ;() ; ; Uppercase ? :Yes ; Sort Order :A ;

The unique two letter code for a State or State equivalent assigned by Federal Information Processing Standards Publication (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."

For more information, see the FIPS Web page:
<http://www.itl.nist.gov/div897/pubs/index.htm>

Notes Current GNIS Table/Column:
STATE.STATE_ALPHA_CODE

Data Loading Instructions: Load from above column. Verify from FIPS Pub. This column will include all values and only values from FIPS Pub 5-2.

70 STATE_NAME

Optional ? :Yes ; Varchar2 (100) ;() ; ; Uppercase ? :No ;

Container : GNIS Version :

Column Detail

The name of a US State assigned by Federal Information Processing Standards Publication (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."

or

The name of a principle administrative division of countries other than the United States assigned by FIPS PUB 10-4, "Countries, Dependencies, Areas Of Special Sovereignty, And Their Principal Administrative Divisions."

Notes

Current GNIS Table/Column:
STATE.STATE_EQUIVALENT_NAME

Data Loading Instructions: Load the from above column, keyed on STATE.STATE_NMBR_CODE. Verify from FIPS Pubs. The table will include only values from the FIPS Pubs. It will include all values from FIPS PUB 5-2, and selected values from 10-4.

80 COUNTRY_ALPHA

Optional ? :No ; Varchar2 (2) ;() ; ; Uppercase ? :Yes ;

The unique two letter code of a country assigned by Federal Information Processing Standards Publication (FIPS PUB) 10-4, "Countries, Dependencies, Areas of Special Sovereignty, And Their Principal Administrative Divisions." For more information, see the FIPS Web page:
<http://www.itl.nist.gov/div897/pubs/index.htm>

Notes

Current GNIS Table/Column:
COUNTRY.COUNTRY_ALPHA_CODE

Data Loading Instructions: Load the from above column only for the following countries: United States, Mexico, Canada, Federated States of Micronesia, Marshall Islands, Palau, and Antarctica.

90 COUNTRY_NAME

Optional ? :No ; Varchar2 (100) ;() ; ; Uppercase ? :No ;

The name of a Country assigned by Federal Information Processing Standards Publication (FIPS PUB) 10-4, "Countries, Dependencies, Areas of Special Sovereignty, And Their Principal Administrative Divisions."

Notes

Current GNIS Table/Column:
COUNTRY.COUNTRY_NAME

Data Loading Instructions: Load the from above column only for the following countries: United States, Mexico, Canada, Federated States of Micronesia, Marshall Islands, Palau, and Antarctica.

100 GEOMETRY

Optional ? :Yes ; Varchar2 (240) ;() ; ; Domain :GEOMETRY ; Uppercase ? :No ;

Place holder for spatial column when spatially enabled. This column will contain the county boundaries.

Table Definition

Container : GNIS Version :

Column DetailNotes

A county boundary data layer will be loaded to this column using Oracle Spatial.

Oracle Designer
TABLE DEFINITION
End of Report