The logo features a large, stylized red and gold swoosh that curves from the top right towards the center, partially overlapping the text.

Workforce Information Database

Depend on it.

Database Structure Version 2.4

(Formerly **ALMIS Database**)

Release Date: July 24, 2007



Consortium members: Connecticut, Florida, Georgia, Illinois, Iowa, Maine, Massachusetts, Minnesota, Montana, Nebraska, Nevada, North Carolina, Oregon, South Carolina, Wisconsin, Wyoming, the National Crosswalk Service Center and the Employment and Training Administration (ETA)

INTRODUCTION

The *Workforce Information Database (WID)* is a standardized database structure developed for the storage and dissemination of local, state, regional, and national workforce information on the economy, industry, labor supply and demand, and other aspects of and areas affected by, or that have an effect on our workforce. Population of the database is a core deliverable of the ETA State Workforce Information Grant and is carried out by the agency that has responsibility for collecting, preparing and disseminating the information within each state. The *WID* structure is continually updated to incorporate new data and adapt to new technology in order to accommodate the wide range of uses and users of this information. The change process is coordinated by the Analyst Resource Center Consortium which is funded by the U.S. Department of Labor, Employment and Training Administration (ETA). The Consortium is led by the state of North Carolina. Membership includes Connecticut, Florida, Georgia, Illinois, Iowa, Maine, Massachusetts, Minnesota, Montana, Nebraska, Nevada, Oregon, South Carolina, Wisconsin, Wyoming, the National Crosswalk Service Center, and the ETA.

TABLE LAYOUTS

The table layouts for the *Workforce Information Database* are presented in this document. They are organized into five types: lookup tables, crosswalks, data tables, tables of standard field values, and administrative or application developers' tables. The code lookup tables contain relatively constant data that pertains mainly to descriptive data associated with classification codes. The crosswalk tables are a subset of the lookup tables representing the relationships between various classification codes. The data tables contain information about employment, wages, income, layoffs, industries, occupations, employers, education and training completers, educational programs, population demographics, selected economic indicators, and other data. These tables are intended to contain information that is maintained on a regular basis by each state. The field value tables present standard values assigned to fields in the respective tables that are to be used in populating the database. The administrative tables are tables used by the database administrator to record database management activities.

HOW TO READ A TABLE DEFINITION

Each table definition contains complete information about the structure of a table. Each definition includes: the name of the table, a complete list of each column name and data type, complete constraint information, and short descriptions of the columns. The following illustration identifies each component of a table definition.

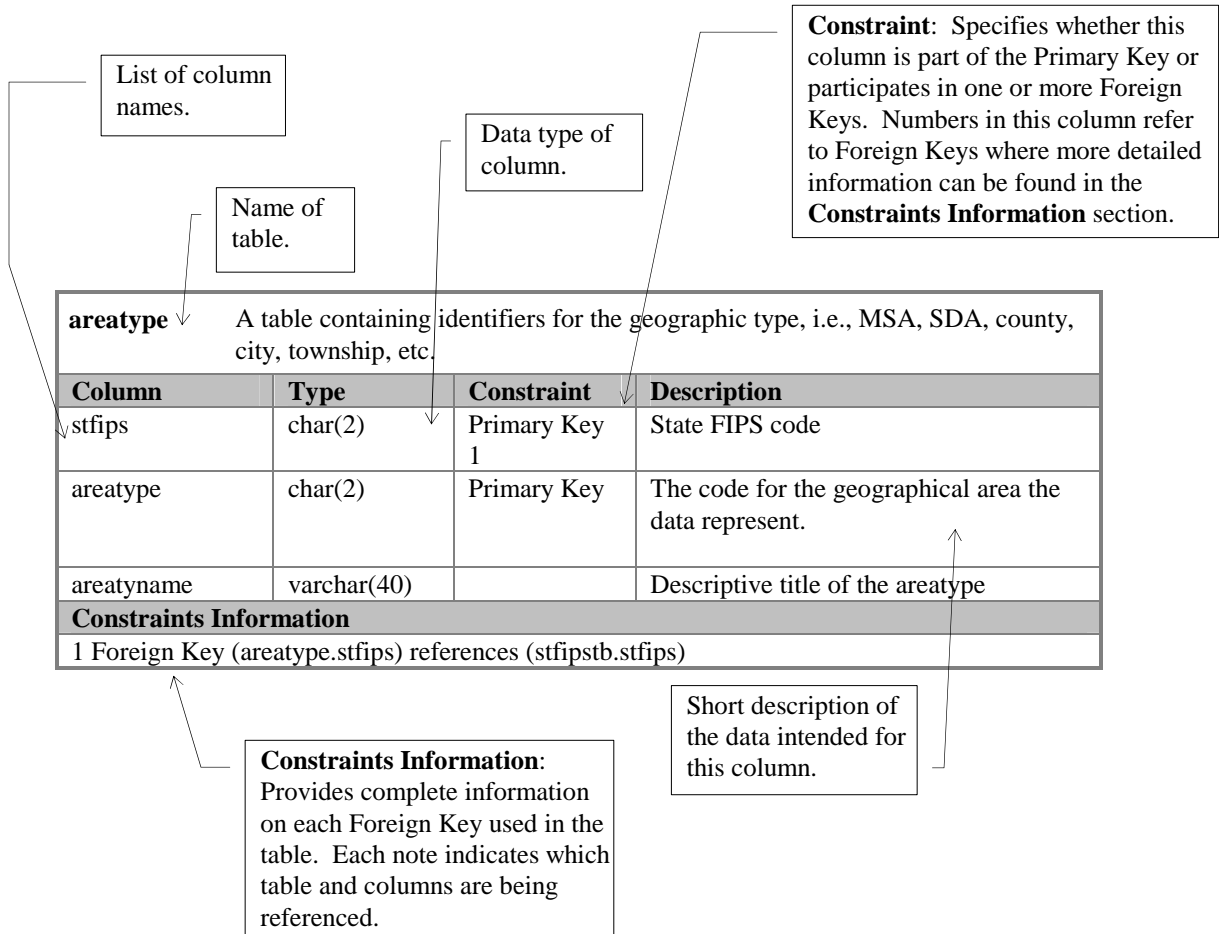


TABLE CONSTRAINTS AND TRIGGERS

The Constraint section of each table definition identifies all Primary Keys and Foreign Keys for the table. The constraints for a table specify rules for data that will be stored in that table. These rules exist in the form of either Primary Keys or Foreign Keys. The definitions of these terms appear below:

Primary Key: The *Primary Key* is a column or group of columns that shall always be (1) non-null and (2) unique. Only one primary key exists for each table. A Primary Key constraint is enforced on a table so that each row in the table can be uniquely identified.

Foreign Key: A *Foreign Key* is a column or group of columns where each value or group of values exists as a Primary Key in another table. Foreign Key constraints are used so that data for a column or group of columns can be validated against another table containing a list of valid values for that column or group of columns.

Throughout the table definitions, Primary Keys and Foreign Keys are used wherever possible to achieve the greatest level of data quality. For example, in the table *occprj*, there is a column called *matoccode*. By specifying a Foreign Key constraint on the *matoccode* column referencing the table *occdir*, no row in the *occprj* table will ever contain a value for *matoccode* that does not already exist in the table *occdir*. This protects the *occprj* table from ever containing invalid *matoccodes* values.

The information stored in the Workforce Information Database contains many different classification systems for occupations (DOT, SOC, OES, ONET, etc), industries (NAICS and SIC) and training programs (various releases of CIP). The states may choose which classification system they are going to use. Some states may choose to classify occupations with ONET codes while other states may use SOC codes. Some states store data making use of several different classifications and some states are in the process of converting from one classification system to another thus needing to store data for both classifications.


Since its inception, the Workforce Information Database has provided a means for specifying more than one type of classification system in some of the data tables. For example, the *wage* table has an *occcode* field in which several different types of occupational codes (DOT, OES, SOC, etc) can be used. The *wage* table's *occodetype* field defines the type of code being used in a particular record. These *multi-code fields* provide flexibility in classifying the data, but can cause problems with data integrity.

All relational database systems require Foreign Keys to be a set of fixed conditions, with the data field having the same length as the Primary Key of the lookup table it references. Each Foreign Key constraint must reference only **one** lookup table. This restriction presents a problem when trying to set Foreign Key constraints on the multi-code fields in some of the Workforce Information tables. Since the length of the classification codes can vary (4 – 10 characters) and the lookup table to be referenced must be determined by the code-type, Foreign Key constraints

cannot be set directly between the multi-code field and the lookup table that needs to be referenced.

In order to provide a means of enforcing Foreign Key constraints on the multi-code fields, two administrative tables were added to the Workforce Information Database. They are the *indcodes* and *occcodes* tables. The *indcodes* table is designed to contain the code-type and code of all the industry classifications a state may be using. The *occcodes* table is designed to contain all of the occupation and training classifications a state may be using. Each of these tables also contains the title associated with the classification code so these multi-code tables can also be used for application development.

Maintenance of the multi-code tables – *indcodes* and *occcodes* – can present additional effort and responsibility for the Workforce Information Database Administrators. In order to minimize the efforts of the DBA, triggers have been identified as a means to maintain the multi-code tables that can be used universally. A **trigger** is a special kind of stored procedure that goes into effect when you modify data in a specified table using one of the data modification operations – UPDATE, INSERT, or DELETE. Triggers can query other tables and can include complex SQL statements. Triggers in the Workforce Information Database are used specifically to maintain the referential integrity of the multi-code tables with any changes that are made to the lookup tables. The advantage of using triggers is they are automatic on all logged operations. They are activated immediately after any modification to the table's data. Triggers are supported by most enterprise level database systems.

Triggers should be added to each of the lookup tables that need to be represented in the multi-code tables. For example, the *oescode* table will have a trigger that executes whenever it is updated and it will automatically update the *occcodes* table with the code and title changes made to the *oescode* table. Likewise, the *naiccode* and *siccode* tables will have triggers that will update the *indcodes* table with the code and title changes made to the *naiccode* and *siccode* tables. Lookup tables that should have triggers are identified in the constraint section with the  icon.

A third administrative table – *statelst* – was added to support the trigger functionality. It will allow any state to use the sample triggers as-is without the need to customize for the stfips code. This functionality also applies to states that may store more than one states data in their database. The sample triggers will be available from the National Crosswalk Service Center website (<http://www.xwalkcenter.org>) and the Analyst Resource Center website (<http://www.workforceinfodb.org>).

A Word About Data Type Descriptions...

One goal for the Workforce Information Database is to be both database and operating system independent. However, some conventions must be used for describing the database, and the field types used in this document *generally* are those used by MS SQL Server. Depending on the database management system being used, there may be differences in the way data types are defined/interpreted. For example, Database administrators who use PC-based database management systems, particularly MS Access and FoxPro (including Visual FoxPro), must adapt the structures found here to their database software. For these systems, two field types are

involved: long text fields (varchar(4000)) and numeric fields with decimals (numeric(3,1)). Adjustments to the variable descriptions used in this document for FoxPro and Access follow:

FoxPro: FoxPro uses “memo” fields for long text. There is no limit to the length of the contents for any individual record other than the amount of disk space. The SQL Server description of numeric fields with decimals includes an implied decimal place, so that a field defined as numeric(4,1) can contain four numbers, with one of them to the right of the decimal place. In FoxPro, space must be reserved for the decimal place, so that same field must be defined as numeric, 5,1.

Access: Access also uses memo fields for long text. The length of an Access memo field is limited to 64,000 characters. Numeric fields with decimal places are defined as either single or double precision. In either case, the user can control the number of decimal places, but the length of the field is predetermined by the variable type. Single precision should be adequate for the variables in the Workforce Information Database.

Workforce Information Database Administrators need to be aware of the fact that data type variations may exist depending on the system being used and they will need to adapt this structure for their particular database management system.

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LOOKUP TABLES

addressy This table contains one record for each type of address code in the empdb table.			
Column	Type	Constraint	Description
addressy	char(1)	Primary Key	Code for the address type used for the following fields in the St firms or Empdb table: addressy addressy1 or addressy2 or addressy3
addressdesc	vvarchar(60)		Description of the address type
Constraint Information			
N/A			

agegroup A table containing codes for identifying age categories.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
agegroup	char(2)	Primary Key	Code identifying the age group.
agegrpdesc	vvarchar(20)		Age group description.
Constraint Information			
1 Foreign Key (agegroup.stfips) references (stfipstb.stfips)			

annslflg This table contains one record for each of the annual sales codes in the empdb table.			
Column	Type	Constraint	Description
annsalflg	char(1)	Primary Key	Annual sales code.
annsadesc	vvarchar(40)		Description of the annual sales code.
Constraint Information			
N/A			

annslrng This table contains one record for each range of annual sales values for the employers in the Employer Database empdb.			
Column	Type	Constraint	Description
annsalrang	char(2)	Primary Key	Code for the annual sales range.
salrngdesc	vvarchar(20)		Description of the sales range code.
Constraint Information			
N/A			


areatype A table containing identifiers for the geographic type, i.e., MSA, SDA, county, city, township, etc.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
areatype	char(2)	Primary Key	Code describing type of geographic area: e.g. county, service delivery area, MSA.
areatyname	vvarchar(40)		Descriptive title of the areatype.
Constraint Information			
1 Foreign Key (areatype.stfips) references (stfipstb.stfips)			

bedtypes A table of business employment dynamics data types.			
Column	Type	Constraint	Description
bedtypcode	char(1)	Primary Key	Indicator of the type of data:
bedtypdesc	varchar(60)		Description of the BED data type.
Constraint Information			
N/A			


benefit A table containing codes for identifying benefit categories.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
benefit	char(1)	Primary Key	Code indicating type of benefit.
benedesc	varchar(40)		Descriptive title of the benefit
Constraint Information			
1 Foreign Key (benefit.stfips) references (stfipstb.stfips)			


benchmark This table contains one record for every benchmark year.			
Column	Type	Constraint	Description
benchmark	char(4)	Primary Key	Benchmark year used in the labforce and ces tables.
benchdesc	varchar(60)		Benchmark year description
Constraint Information			
N/A			


cenind This table contains one record for every Census industry code.			
Column	Type	Constraint	Description
cenind	char(3)	Primary Key	A three digit code assigned to the Census industry title.
centitle	varchar(40)		The industry title used by the Census Bureau to classify industry data.
Constraint Information			
N/A			

censcode This table contains one record for every Census occupation code.			
Column	Type	Constraint	Description
censcode	char(3)	Primary Key	A three digit code assigned to the Census occupational title.
censtitle	varchar(60)		The occupational title used by the Census Bureau to classify occupational data.
Constraint Information			
 Triggers are suggested to maintain the occcodes table. See explanation in the introductory section under Table Constraints and Triggers. Use triggers on INSERT, UPDATE or DELETE of censcode to maintain occcodes. (statelst.stfips, '06', censcode.censcode, censcode.censtitle) maintains (occcodes.stfips, occcodes.codetype, occcodes.code, occcodes.codetitle)			

Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
seriescode	char(8)	Primary Key	Industry Series code.
seriesdesc	varchar(4000)		Description of the industries comprising the series.
seriesttls	varchar(60)		Short title used to identify industry division.
seriesttll	varchar(120)		Long title used to describe industry division.
Serieslvl	Char(1)		Optional report indentation level.
Constraint Information			
1 Foreign Key (cescode.stfips) references (stfipstb.stfips)			

Column	Type	Constraint	Description
cidscod	char(9)	Primary Key	A nine digit code assigned to the Career Information Delivery System occupational title.
cidstitle	varchar(40)		Title of CIDS system occupation or program.
cidsdesc	varchar(4000)		Description of CIDS system occupation or program.
Constraint Information			
 Triggers are suggested to maintain the occcodes table. See explanation in the introductory section under Table Constraints and Triggers. Use triggers on INSERT, UPDATE or DELETE of cidscod to maintain occcodes. (statelst.stfips, '07', cidscod.cidscod, cidscod.cidstitle) maintains (occcodes.stfips, occcodes.codetype, occcodes.code, occcodes.codetitle)			

Column	Type	Constraint	Description
cipcode	char(10)	Primary Key	A ten digit code assigned to a Classification of Instructional Programs (CIP) program title.
ciptitle	varchar(100)		The instructional program title used to organize training related data, i.e., enrollments, completers, placement.
cipdesc	varchar(4000)		A definition of the curriculum included in an instructional program.
ciptitls	varchar(35)		A short version of the CIP title used for screen display.
ciplevel	char(1)		Indicator of the hierarchical level of the CIP code.
Constraint Information			
 Triggers are suggested to maintain the occcodes table. See explanation in the introductory section under Table Constraints and Triggers. Use triggers on INSERT, UPDATE or DELETE of cipcode to maintain occcodes. (statelst.stfips, '03', cipcode.cipcode, cipcode.ciptitle) maintains (occcodes.stfips, occcodes.codetype, occcodes.code, occcodes.codetitle)			

cluscode This table contains one record for every cluster or unit of analysis in the state.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
cluscode	char(10)	Primary Key	Code assigned to the cluster from the State Units of Analysis.
clustitle	varchar(60)		Title assigned to the cluster from the State Units of Analysis.
clusdesc	varchar(4000)		A free form text column intended to contain descriptive data regarding this cluster in this state.
Constraint Information			
1 Foreign Key (cluscode.stfips) references (stfipstb.stfips)			
 Triggers are suggested to maintain the occcodes table. See explanation in the introductory section under Table Constraints and Triggers. Use triggers on INSERT, UPDATE or DELETE of cluscode to maintain occcodes. (cluscode.stfips, '01', cluscode.cluscode, cluscode.clustitle) maintains (occcodes.stfips, occcodes.codetype, occcodes.code, occcodes.codetitle)			

clusgrad This table contains one record for each Cluster evaluative rating code.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
clusgrade	char(1)	Primary Key	An evaluative rating code for the cluster.
clusgrdesc	varchar(40)		Description or title of the cluster rating.
Constraint Information			
1 Foreign Key (clusgrad.stfips) references (stfipstb.stfips)			

compltyp This table contains one record for each type of program completer by state.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
compltpe	char(2)	Primary Key	Two digit code representing type of program completer.
compltile	varchar(40)		Title of type of program completer.
compldesc	varchar(4000)		Description of type of program completer.
Constraint Information			
1 Foreign Key (compltyp.stfips) references (stfipstb.stfips)			

cpisource Code containing source of Consumer Price Index data.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
cpisource	char(1)	Primary Key	Source code for cpi data.
cpisrdesc	varchar(40)		Description of cpi source.
Constraint Information			
1 Foreign Key (cpisource.stfips) references (stfipstb.stfips)			


cpitype This table contains one record for every type of Consumer Price Index (CPI) measure.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
cpitype	char(2)	Primary Key	Two digit code assigned to the type of CPI measure.
cpititle	varchar(55)		Title of the CPI measure.
cpidesc	varchar(200)		Description of the CPI measure.
Constraint Information			
1 Foreign Key (cpitype.stfips) references (stfipstb.stfips)			

credited This table contains one record for each type of credit code in the empdb table.			
Column	Type	Constraint	Description
credited	char(1)	Primary Key	Credit code
creditedesc	varchar(4000)		Description of types of credit codes.
Constraint Information			
N/A			

disabil A table containing codes for identifying those who are disabled.			
Column	Type	Constraint	Description
disabled	char(1)	Primary Key	Code indicating disabled applicants.
disabldesc	varchar(20)		Description of disability code.
Constraint Information			
N/A			

disadvan A table containing codes for identifying those who are economically disadvantaged.			
Column	Type	Constraint	Description
econdisadv	char(1)	Primary Key	Code indicating those who are economically disadvantaged.
ecodisdesc	varchar(30)		Description of economically disadvantaged code.
Constraint Information			
N/A			

dislocat A table containing codes for identifying whether workers are dislocated workers.			
Column	Type	Constraint	Description
dislocated	char(1)	Primary Key	Code indicating dislocated workers.
dislocdesc	varchar(20)		Description of dislocated worker code.
Constraint Information			
N/A			

Column	Type	Constraint	Description
dotcode	char(9)	Primary Key	A nine digit code assigned to the Dictionary of Occupational Titles (DOT) occupational title.
dottitle	varchar(75)		Title used to classify occupation in the Dictionary of Occupational Titles.
gedr	char(1)		One digit code ranging from 1 to 6 assigned to the level of General Educational Development for Reasoning required for the occupation.
gedm	char(1)		One digit code ranging from 1 to 6 assigned to the level of General Educational Development for Math required for the occupation.
gedl	char(1)		One digit code ranging from 1 to 6 assigned to the level of General Educational Development for Language required for the occupation.
svp	char(1)		Level of Specific Vocational Preparation required for the occupation.
Constraint Information			
 Triggers are suggested to maintain the occcodes table. See explanation in the introductory section under Table Constraints and Triggers. Use triggers on INSERT, UPDATE or DELETE of dotcode to maintain occcodes. (statelst.stfips, '04', dotcode.dotcode, dotcode.dottitle) maintains (occcodes.stfips, occcodes.codetype, occcodes.code, occcodes.codetitle)			

Column	Type	Constraint	Description
dwvertyp	char(1)	Primary Key	Code for the type of dislocated worker event.
dwevetdesc	varchar(40)		Description or title of dislocate worker event.
Constraint Information			
N/A			

Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
edulevel	char(1)	Primary Key	Code indicating education level required.
edulvdesc	varchar(40)		Descriptive title of the education level
Constraint Information			
1 Foreign Key (edulevel.stfips) references (stfipstb.stfips)			

Column	Type	Constraint	Description
eeo1cat	char(2)	Primary Key	A two digit code assigned to EEO-1 Job Categories.
eeo1title	varchar2(50)		Title of the EEO-1 Category.
Constraint Information			
N/A			

eeostloc	This table contains one record for every Equal Employment Opportunity (EEO) State and Local category. Because this classification system breaks out Protective Services, it is used by State and Local Government entities.		
Column	Type	Constraint	Description
eeostoc	char(2)	Primary Key	A two digit code assigned to EEO State and Local Job Categories.
eeostloct1	varchar2(50)		Title of the EEO State and Local Category.
Constraint Information			
N/A			

empszflg	This table contains one record for each type of size flag code in the empdb table.		
Column	Type	Constraint	Description
empsizflg	char(1)	Primary Key	Code for the size flag
empflgdesc	varchar(40)		Description of the size flag
Constraint Information			
N/A			

empszrng	This table contains one record for each type of size range code in the empdb table.		
Column	Type	Constraint	Description
empsizrng	char(2)	Primary Key	Code for the size range.
emprngdesc	varchar(40)		Description of the size range.
Constraint Information			
N/A			

eventtyp	This table contains one record for each type of event as referred to in mass layoff statistics. Describes federal or state events.		
Column	Type	Constraint	Description
eventtype	char(1)	Primary Key	Code for the type of event.
eventdesc	varchar(40)		Description or title of event.
Constraint Information			
N/A			

explevel	A table containing identifiers for the experience level.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
explevel	char(1)	Primary Key	Code identifying the experience level required.
explvdesc	varchar(40)		Descriptive title of the experience level.
Constraint Information			
1 Foreign Key (areatype.stfips) references (stfipstb.stfips)			

gender	A table containing codes for identifying gender of UI Claimants.		
Column	Type	Constraint	Description
gender	char(1)	Primary Key	Gender code.
genderdesc	varchar(12)		Gender description.
Constraint Information			
N/A			

geocode This table contains one record for each level of precision of the geocode.			
Column	Type	Constraint	Description
geocode	char(1)	Primary Key	Code for the precision level of the geocode.
geopdesc	varchar(40)		Description of the precision geocode.
Constraint Information			
N/A			

geog A table containing geographic area descriptor records.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key	Six digit code assigned to represent a geographic area. Front fill with zeroes.
areaname	varchar(60)		Geographic area name.
areadesc	varchar(4000)		Narrative description of a geographic area.
Constraint Information			
1 Foreign Key (geog.stfips, geog.areatype) references (areatype.stfips, areatype.areatype)			

growcode This table contains one record for each state specific growth interpretation of an industry or occupation.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
growcode	char(2)	Primary Key	Code for the state specific growth descriptor.
growdesc	varchar(20)		Brief description interpreting the growth of the industry or occupation.
Constraint Information			
1 Foreign Key (growcode.stfips) references (stfipstb.stfips)			

incomtyp A table containing types of income measures.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,2	State FIPS code.
inctype	char(2)	Primary Key	Code for the type of income measure.
incsource	char(1)	Primary Key 2	Source of the income measure.
incdesc	varchar(75)		Income measure description.
Constraint Information			
1 Foreign Key (incomtyp.stfips) references (stfipstb.stfips)			
2 Foreign Key (incomtyp.stfips, incomtyp.incsource) references (incsourc.stfips, incsourc.incsource)			

incsourc Code containing source of income and population estimates for the income table.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
incsource	char(1)	Primary Key	Source Code for income data.
incsrdesc	varchar(40)		Description of income source.
Constraint Information			
1 Foreign Key (incsourc.stfips) references (stfipstb.stfips)			

inddir A table containing a directory of MicroMatrix level industry codes for which projections are performed.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1, 2	State FIPS code.
matincode	char(10)	Primary Key	Industry code from Micro Matrix.
periodid	char(2)	Primary Key 1	A two digit code identifying the type of period used.
matincodty	char(1)		A code to identify matincode as SIC code based or NAICS code based. 1 = SIC based, 2 = NAICS based
matintitle	varchar(60)		Industry title.
subtot	char(1)	2	Sum level of the information
Constraint Information			
1 Foreign Key (indir.stfips, indir.periodid) references (periodid.stfips, periodid.periodid)			
2 Foreign Key (inddir.stfips, inddir.subtot) references (indsub.stfips, indsub.subtot)			

inddiv This table contains one record for each industry division.			
Column	Type	Constraint	Description
inddiv	char(3)	Primary Key	A code used to identify industry division. Differs from sicdiv code in that Manufacturing is divided into Durable and Nondurable goods, and trade is divided into Wholesale and Retail Trade.
indtitle	varchar(60)		Title used to identify the industry division.
Constraint Information			
N/A			

indsub A table containing a lookup of industry sum level information.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
subtot	char(1)	Primary Key	Sum level of the information.
subtotdesc	varchar(60)		Sum level description.
Constraint Information			
1 Foreign Key (indsub.stfips) references (stfipstb.stfips)			

indtypes	This table contains one record for each industry code type used throughout the Workforce Information database.		
Column	Type	Constraint	Description
codetype	char(2)	Primary Key	Code describing the type of industry classification code.
codetydesc	varchar(40)		Title of classification Code.
Constraint Information			
N/A			

instown	This table contains a record for each training institution owner.		
Column	Type	Constraint	Description
instown	char(1)	Primary Key	Institution ownership code.
instowndes	varchar(40)		Description or title of training institution owner.
Constraint Information			
N/A			

insttype	This table contains one record for each type of institution in a state.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
insttype	char(2)	Primary Key	Identifies the type of training institution (WIA Provider, vocational center, community college, university).
insttydesc	varchar(50)		A description of the type of institution.
Constraint Information			
1 Foreign Key (insttype.stfips) references (stfipstb.stfips)			

jobfamily	This table contains one record for each job family used in the America's Job Bank Menu Search.		
Column	Type	Constraint	Description
jobfamily	char(2)	Primary Key	Job family code assigned to the America's Job Bank.
famtitle	varchar(60)		Job family title.
familydesc	varchar(4000)		Description of job family.
Constraint Information			
N/A			

laytitle	This table contains one record for each lay title.		
Column	Type	Constraint	Description
laytlcode	char(5)	Primary Key	Lay title code.
laytitle	varchar(75)		Lay title associated with an occupation.
Constraint Information			
N/A			
NOTE: The value for the LAYTLCODE variable is recalculated with each release of the lay title database. The code associated with any title may change from one release to the next.			

lengthopen A table containing codes for identifying length-open categories.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
lengthopen	char(1)	Primary Key	Code indicating range of how long vacancy has been open.
lodesc	varchar(40)		Length-open categories description
Constraint Information			
1 Foreign Key (lengthopen.stfips) references (stfipstb.stfips)			

lentype This table contains a record for each code representing length of a training program.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
lengthtype	char(2)	Primary Key	The identifying code assigned to the program length.
lentypdesc	varchar(40)		A description of the length of the assigned program length code.
Constraint Information			
1 Foreign Key (lentype.stfips) references (stfipstb.stfips)			

leveltyp This table contains one record for each wage level identified by an occupation (e.g. entry, apprentice, journeyman, experienced, etc.)			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
leveltype	char(1)	Primary Key	The code identifying the type of wage level.
lvl Desc	varchar(40)		A description of the type of wage level.
Constraint Information			
1 Foreign Key (leveltyp.stfips) references (stfipstb.stfips)			

licnumty This table contains one record for each type code in lichist table.			
Column	Type	Constraint	Description
licnumtype	char(2)	Primary Key	Code for the type of statistic.
licnumdesc	varchar(50)		Description of the type of statistic.
Constraint Information			
N/A			


locstat This table contains one record for each type of location status code in the empdb table.			
Column	Type	Constraint	Description
locstat	char(1)	Primary Key	Code for the location status.
locstdesc	varchar(40)		Description of the location status.
Constraint Information			
N/A			

meeicode This table contains multi-establishment indicator codes from ES-202.			
Column	Type	Constraint	Description
meeicode	char(1)	Primary Key	The MEEI code.
meeidesc	varchar(40)		Description or title of the MEEI code.
Constraint Information			
N/A			

Column	Type	Constraint	Description
mlssepdesc	varchar(40)		Description or title of the separation code.
Constraint Information			
N/A			

Column	Type	Constraint	Description
svc	char(1)	Primary Key 1	Service Branch code.
mpc	char(1)	Primary Key 2	Military Personnel Category code.
status	char(1)	Primary Key	Military Occupation Status A=Active occupation O=Obsolete occupation
mocode	char(10)	Primary Key	A ten digit Military Occupational Code.
mocdesc	varchar(4000)		Description of MOC Code.
Constraint Information			
1 Foreign Key (mocode.svc) references (svc.svc)			
2 Foreign Key (mocode.mpc) references (mpc.mpc)			

Column	Type	Constraint	Description
mpc	char(1)	Primary Key	Military Personnel Category code
mpcdesc	varchar(70)		Description of the Military Personnel Category.
Constraint Information			
N/A			


Column	Type	Constraint	Description
naicscode	char(6)	Primary Key	A code used in the North American Industry Classification System (NAICS).
naicstitle	varchar(45)		Title assigned to the NAICS code.
naicstitll	varchar(120)		The long title assigned to the NAICS code.
naicsdesc	varchar(4000)		A narrative description of the activities performed by the establishment in this NAICS code.
naicslvl	char(1)	1	A code that indicates the hierarchical level of the NAICS industry code.
naicsect	char(2)	2	A code used to represent the NAICS industry sectors.
Constraint Information			
1 Foreign Key (naiccode.naicslvl) references (naicslvl.naicslvl)			
2 Foreign Key (naiccode.naicsect) references (naicsect.naicsect)			
 Triggers are suggested to maintain the indcodes table. See explanation in the introductory section under Table Constraints and Triggers. Use triggers on INSERT, UPDATE or DELETE of naiccode to maintain indcodes. (statelst.stfips, '10', naiccode.naicscode, naiccode.naicstitle) maintains (indcodes.stfips, indcodes.codetype, indcodes.code, indcodes.codetitle)			

naicdom	This table contains one record for each Domain as defined in the Bureau of Labor Statistics official extensions to the North American Industry Classification System (NAICS). Domains are aggregations of Supersectors as defined in the BLS extensions.		
Column	Type	Constraint	Description
naicdomain	char(3)	Primary Key	A code that represents a Domain in the BLS extensions to the North American Industry Classification System (NAICS).
domaintitl	varchar(25)		Title assigned to the Domain.
Constraint Information			
N/A			

naicsect	This table contains one record for each major industry sector in the North American Industry Classification System.		
Column	Type	Constraint	Description
naicsect	char(2)	Primary Key	A code used to represent the NAICS industry sectors.
sectdesc	varchar(45)		A short description of the NAICS industry sector.
sectdescl	varchar(120)		A long description of the NAICS industry sector.
naicsuper	char(4)	1	Code for a BLS defined NAICS Supersector.
Constraint Information			
1 Foreign Key (naicsect.naicsuper) references (naicsupr.naicsuper)			


naicslvl	This table contains one record for each hierarchical level of the code contained in the North American Industry Classification System.		
Column	Type	Constraint	Description
naicslvl	char(1)	Primary Key	A code that indicates the hierarchical level of the NAICS industry code.
leveldesc	varchar(40)		A description of the hierarchical level of the NAICS industry code.
Constraint Information			
N/A			

naicsupr	This table contains one record for each Supersector in the North American Industry Classification System (NAICS) as defined by the Bureau of Labor Statistics official extensions to NAICS. Supersectors are aggregations of NAICS industry sectors.		
Column	Type	Constraint	Description
naicsuper	char(4)	Primary Key	A code used to represent a Supersector as defined in the official BLS extensions to the North American Industry Classification System (NAICS).
supertitle	varchar(35)		Title assigned to the Supersector.
naicdomain	char(3)	1	Code for a BLS defined NAICS Domain.
Constraint Information			
1 Foreign Key (naicsupr.naicdomain) references (naicdom.naicdomain)			

occdir A table containing a directory of Micro Matrix occupation codes for which projections are performed.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1, 2	State FIPS code.
matocode	char(10)	Primary Key	Occupation code from Micro Matrix. For codes not 10 characters long, left justify and blank (ASCII 32) fill.
periodid	char(2)	Primary Key 1	A two digit code identifying the type of period used.
matoccodty	char(1)		A code to identify matocode as 9 char and OES code based or 10 char and SOC code based. 1 = OES based, 2 = SOC based
matocctitl	varchar(60)		Occupation title.
subtot	char(1)	2	Sum level of the information
Constraint Information			
1 Foreign Key (occdir.stfips, occdir.periodid) references (periodid.stfips, periodid.periodid)			
2 Foreign Key (occdir.stfips, occdir.subtot) references (occsb.stfips, occsb.subtot)			
 Triggers are suggested to maintain the occcodes table. See explanation in the introductory section under Table Constraints and Triggers. Use triggers on INSERT, UPDATE or DELETE of occdir to maintain occcodes. (occdir.stfips, '13', occdir.matocode, occdir.matocctitl) maintains (occcodes.stfips, occcodes.codetype, occcodes.code, occcodes.codetitle)			

occsb A table containing a lookup of occupation sum level information.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
subtot	char(1)	Primary Key	Sum level of the information.
subtotdesc	varchar(60)		Sum level description.
Constraint Information			
1 Foreign Key (occsb.stfips) references (stfipstb.stfips)			


occtypes This table contains one record for each occupation and training code type used throughout the Workforce Information database.			
Column	Type	Constraint	Description
codetype	char(2)	Primary Key	Code describing the type of occupation or training classification code.
codetydesc	varchar(40)		Title of classification Code.
Constraint Information			
N/A			

oescode This table contains one record for every OES code contained in the OES Survey Dictionary.			
Column	Type	Constraint	Description
oescode	char(5)	Primary Key	A five digit code assigned to the Occupation Employment Statistics (OES) occupational title.
oestitle	varchar(60)		The occupational title used in the OES program to collect employment data.
oesdesc	varchar(4000)		A narrative summary of the tasks and duties performed by workers classified in the occupation.
oestrntm	char(1)	1	A one digit code assigned to the OES preparation level.
oestitles	varchar(35)		Short OES title for screen display.
oohtrntm	char(1)	2	A code assigned to the category of education and/or training generally required to enter an occupation and for workers to develop the skills needed for average job performance in the occupation.
oesgroup1	varchar(3)	3	Specifies first level OES group.
oesgroup2	varchar(2)	3	Specifies second level OES group.
oesgroup3	varchar(2)	3	Specifies third level OES group.
Constraint Information			
<p>1 Foreign Key (oescode.oestrntm) references (oestrntm.oestrntm)</p> <p>2 Foreign Key (oescode.oohtrntm) references (oohtrntm.oohtrntm)</p> <p>3 Foreign Key (oescode.oesgroup1, oescode.oesgroup2, oescode.oesgroup3) references (oesgroup.oesgroup1, oesgroup.oesgroup2, oesgroup.oesgroup3)</p> <p> Triggers are suggested to maintain the occcodes table. See explanation in the introductory section under Table Constraints and Triggers. Use triggers on INSERT, UPDATE or DELETE of oescode to maintain occcodes. (statelst.stfips, '02', oescode.oescode, oescode.oestitle) maintains (occcodes.stfips, occcodes.codetype, occcodes.code, occcodes.codetitle)</p>			

oesgroup	This table contains one record for each OES group. An OES group is identified by a combination of three levels.		
Column	Type	Constraint	Description
oesgroup1	varchar(3)	Primary Key	First level OES group.
oesgroup2	varchar(2)	Primary Key	Second level OES group.
oesgroup3	varchar(2)	Primary Key	Third level OES group.
grpdesc	varchar(90)		Description of group.
<p>This table is used to designate the OES occupation's position in the OES occupational structure hierarchy. For Example a set of records describing the precision metal worker occupations group found in the OES dictionary would look like this:</p> <p>oesgroup1: VII, oesgroup2: E, oesgroup3: 00, grpdesc: PRECISION PRODUCTION OCCUPATIONS oesgroup1: VII, oesgroup2: E, oesgroup3: 1, grpdesc: PRECISION METAL WORKERS oesgroup1: VII, oesgroup2: E, oesgroup3: 2, grpdesc: PRECISION WOODWORKERS oesgroup1: VII, oesgroup2: E, oesgroup3: 3, grpdesc: PRECISION TEXTILE, APPAREL, AND FURNISHINGS WORKERS oesgroup1: VII, oesgroup2: E, oesgroup3: 4, grpdesc: PRECISION PRINTING WORKERS oesgroup1: VII, oesgroup2: E, oesgroup3: 5, grpdesc: PRECISION FOOD WORKERS oesgroup1: VII, oesgroup2: E, oesgroup3: 6, grpdesc: OTHER PRECISION WORKERS</p> <p>Please Note: since the oesgroup1, oesgroup2, oesgroup3 are part of the primary key null values are not allowed. It is recommended that 00 replace the null values when necessary.</p> <p>Constraint Information</p> <p>N/A</p>			

oeslaytl	This table contains one record for each lay title and the associated OES code.		
Column	Type	Constraint	Description
oescode	char(5)	Primary Key 1	A five digit code assigned to the Occupational Employment Statistics (OES) occupational title.
laytitle	varchar(80)	Primary Key	Lay title associated with an OES code.
Constraint Information			
1 Foreign Key (oeslaytl.oescode) references (oescode.oescode)			

oestrntm	OES Training Time - An estimate of the typical preparation level required to enter the occupation.		
Column	Type	Constraint	Description
oestrntm	char(1)	Primary Key	A one digit code assigned to the OES preparation level.
oestmdesc	varchar(40)		Description of the specified preparation level.
Constraint Information			
N/A			

Column	Type	Constraint	Description
onetcode	char(8)	Primary Key	A six or eight digit code* assigned to the Occupational Information Network (O*NET) occupational title. For codes not 8 characters long, left justify and blank (ASCII 32) fill.
onetyear	char(4)		O*NET code version year.
onetver	char(6)		O*NET code version id.
onettitle	varchar(115)		Title of O*NET Code.
onetdesc	varchar(4000)		Description of the specified O*NET code.
Constraint Information			
* Length of code depends on which version of O*NET codes you are using.			
 Triggers are suggested to maintain the occcodes table. See explanation in the introductory section under Table Constraints and Triggers. Use triggers on INSERT, UPDATE or DELETE of onetcode to maintain occcodes. (statelst.stfips, '12', onetcode.onetcode, onetcode.onettitle) maintains (occcodes.stfips, occcodes.codetype, occcodes.code, occcodes.codetitle)			

Column	Type	Constraint	Description
oohtntm	char(1)	Primary Key	A code assigned to the category of education and/or training generally required to enter an occupation and for workers to develop the skills needed for average job performance in the occupation.
oohtmdesc	varchar(60)		A description of the training category.
Constraint Information			
N/A			

Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
ownership	char(2)	Primary Key	A two digit indicator that identifies the employer by public or private ownership.
ownertitle	varchar(40)		Title of ownership.
ownerdesc	varchar(4000)		Description of ownership.
Constraint Information			
1 Foreign Key (ownership.stfips) references (stfipstb.stfips)			

Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
paytype	char(2)	Primary Key	A two digit code identifying the government payment type.
paytydesc	varchar(40)		A description of the type of government payment.
Constraint Information			
1 Foreign Key (paytype.stfips) references (stfipstb.stfips)			

period This table contains one record for each period identified in the database.			
Column	Type	Constraint	Description
periodyear	char(4)	Primary Key	Character representation of calendar year (e.g. 2000).
periodtype	char(2)	Primary Key 1	Code describing type of period (e.g. Annual, quarterly, monthly, etc.)
period	char(2)	Primary Key	Period Code.
Constraint Information			
1 Foreign Key (period.periodtype) references (periodty.periodtype)			

periodid This table contains periods of time for projections identified by two digit indicator for target year and base year for projection.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
periodid	char(2)	Primary Key	A two digit code identifying the type of period being used.
periodtype	char(2)	2,3	Code describing type of period (e.g. Annual, quarterly, monthly, etc.)
estyear	char(4)	2	Base year of estimate.
estperiod	char(2)	2	Period of estimate.
projyear	char(4)	3	Year of projection.
projperiod	char(2)	3	Period of projection.
perioddesc	varchar(60)		Description of period range.
For Example a record in this table for a round of North Carolina Long-Term projections 1998-2008 would be:			
Stfips: 37, periodid: 05, periodtype: 05, estyear: 1998, estperiod: 00, projyear: 2008, projperiod: 00, perioddesc: 1998-2008 Long-Term Projections.			
An Example of a record in this table for a round of North Carolina Short-Term Forecast would be:			
Stfips: 37, periodid: 06, periodtype: 08, estyear: 1998, estperiod: 02, projyear: 2000, projperiod: 02, perioddesc: 1998 Q2 – 2000 Q2 Short –Term Forecasts.			
Please note that the periodid and the period description are state defined field values.			
Constraint Information			
1 Foreign Key (periodid.stfips) references (stfipstb.stfips)			
2 Foreign Key (periodid. Estyear, periodid. Periodtype, periodid. Estperiod) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (periodid.projyear, periodid.periodtype, periodid.projperiod) references (period.periodyear, period.periodtype, period.period)			

periodty This table contains one record for each type of period (e.g. Annual, quarterly, hourly, etc.)			
Column	Type	Constraint	Description
periodtype	char(2)	Primary Key	Code describing type of period (e.g. Annual, quarterly, monthly, etc.)
pertypdesc	varchar(40)		A description of the period type.
Constraint Information			
N/A			

popsourc Code containing source of population estimates.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
popsourc	char(1)	Primary Key	Source code for population data.
popsrdesc	varchar(40)		Description of population source.
Constraint Information			
1 Foreign Key (popsourc.stfips) references (stfipstb.stfips)			

prvgovst This table contains one record for each type of private/government status code in the Employer Database empdb.			
Column	Type	Constraint	Description
privgovsta	char(1)	Primary Key	Code for the private/government status code.
prvgovdesc	varchar(15)		Description of the code.
Constraint Information			
N/A			

qwisup A table containing quarterly workforce indicator (QWI) suppression code descriptions.			
Column	Type	Constraint	Description
qwisup	char(1)	Primary Key	Code for QWI suppression type
qwisupdesc	varchar(75)		Description of QWI suppression code
Constraint Information			
N/A			

qwitype This table contains quarterly workforce indicator (QWI) code type descriptions.			
Column	Type	Constraint	Description
qwitype	char(2)	Primary Key	Code for the QWI type
qwitypdesc	varchar(75)		Description of the QWI type
Constraint Information			
N/A			

raceethn	This table contains codes to identify ethnicity and race of UI claimants and other population groups.			
Column	Type	Constraint	Description	
raceethn	char(5)	Primary Key	Race – ethnicity code.	
racetitle	varchar(75)		Race – ethnicity description.	
Constraint Information				
<p>raceethn is a five-character code that identifies the ethnicity and race of an individual or group.</p> <p>Characters 1-2 = Ethnicity.</p> <p>Characters 3-4 = Race.</p> <p>Character 5 = Type.</p> <p>Type 0 = A total.</p> <p>Type 1 = A type 1 record represents an unduplicated count of persons, in which individuals are counted as one race alone. Where persons are identified as more than one race, they are included in one multiple race group (e.g. 34, 48, 55, 70); thus, are counted in a single race group. Type 1 race subcategories sum to their type 1 totals (e.g. 411 through 481 = 401, 101 + 201 + 301 + 401 + 501 + 601 + 701 + 991 = 001).</p> <p>Type 2 = A type 2 record exists for each race a person may have identified as part of their racial makeup. A single race person will be represented in one type 2 record. A person whose racial makeup is a combination of two races will be represented in two type 2 records. Because a multi-racial person is counted in more than one type 2 record, the sum of type 2 counts in virtually all instances will exceed the total population.</p> <p>Examples: 10001 = Not Hispanic, all races 20201 = Hispanic and black (one race reported) 22102 = Mexican and white (race reported alone or in combination with other races) 99701 = Ethnicity unknown, persons of two or more races 00511 = All Native Hawaiians (no reported race combinations), regardless of ethnicity</p>				
----- Ethnicity -----		----- Race -----		Type
00	Total Population	00	Total Population	0,1,2
10	Not Hispanic or Latino	10	White	1,2
20	Hispanic or Latino (All 20-29)	20	Black or African American	1,2
21	Spaniard			
22	Mexican	30	American Indian or Alaska Native	1,2
23	Central American	31	American Indian	1,2
24	South American	32	Native Alaskan	1,2
25	Latin American	33	Am. Indian / Ak Native – Not Specified	1,2
26	Puerto Rican	34	Both American Indian & Alaska Native	1
27	Cuban or Dominican			
28	Other Hispanic or Latino	40	Asian (All 41-48)	1,2
29	Multiple Hispanic Ethnicities	41	Asian Indian	1,2
		42	Chinese	1,2
71-89	State use	43	Filipino	1,2
		44	Japanese	1,2
99	Ethnicity Unknown	45	Korean	1,2
		46	Vietnamese	1,2
		47	Other Asian	1,2
		48	Multiple Asian Races	1


		50	Native Hawaiian / Pacific Islander (All 51-55)	1,2
		51	Native Hawaiian	1,2
		52	Samoaan	1,2
		53	Guamanian or Chamorro	1,2
		54	Other Pacific Islander	1,2
		55	Multiple Pacific Island Races	1
		60	Other Race	1,2
		70	Multiple Race Categories reported	1
		71-89	State use	
		99	Race Unknown	1

ratetype	This table contains one record for each wage rate type (e.g. hourly, weekly, monthly, annually).		
Column	Type	Constraint	Description
ratetype	char(1)	Primary Key	Code which identifies the type of wage rate.
ratetydesc	varchar(40)		A description of the type of wage rate.
Constraint Information			
N/A			

salestyp	This table contains one record for each type of sales statistic.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
salestype	char(2)	Primary Key	A code that represents the sales type.
saletydesc	varchar(40)		A description of the sales type.
Constraint Information			
1 Foreign Key (salestyp.stfips) references (stfipstb.stfips)			

schgrade	A table containing codes for identifying the highest school grade completed.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
highestgrd	char(2)	Primary Key	Code identifying the highest school grade completed.
highgrdesc	varchar(35)		Description of highest school grade completed code.
Constraint Information			
1 Foreign Key (schgrade.stfips) references (stfipstb.stfips)			


seasonal	A table containing codes for identifying those who are seasonal or migrant workers.		
Column	Type	Constraint	Description
seasonal	char(1)	Primary Key	Code indicating seasonal or migrant workers.
seasondesc	varchar(20)		Description of seasonal code.
Constraint Information			
N/A			

siccode	This table contains one record for every code contained in the 1987 revision to the Standard Industrial Classification (SIC) manual. The table should contain the hierarchy of codes to include two, three, and four digit SIC codes to insure that industry code titles are available to match the Data File coded at various SIC levels.		
Column	Type	Constraint	Description
siccode	char(4)	Primary Key	A code used in the classification of establishments by type of activity in which they are engaged. This field is left justified and padded with zeroes. A siccode of 9999 means non-classifiable; industry not specified.
sictitle	varchar(38)		The title assigned to a SIC code.
sictitle1	varchar(110)		The long title assigned to the SIC code.
sicdesc	varchar(4000)		A narrative description of the activities performed by establishments classified in the SIC.
sicdiv	char(1)	1	The major industry division to which this code belongs.
siclevel	char(1)	2	A code that indicates the hierarchical level of the SIC code.
inddiv	char(3)	3	A code used to identify industry division. Differs from sicdiv code in that Manufacturing is divided into Durable and Nondurable goods, and trade is divided into Wholesale and Retail Trade.
Constraint Information			
1 Foreign Key (siccode.sicdiv) references (sicdiv.sicdiv) 2 Foreign Key (siccode.siclevel) references (siclevel.siclevel) 3 Foreign Key (siccode.inddiv) references (inddiv.inddiv)			
 Triggers are suggested to maintain the indcodes table. See explanation in the introductory section under Table Constraints and Triggers. Use triggers on INSERT, UPDATE or DELETE of siccode to maintain indcodes. (statelst.stfips, '05', siccode.siccode, siccode.sictitle) maintains (indcodes.stfips, indcodes.codetype, indcodes.code, indcodes.codetitle)			

sicdiv	This table contains one record for every major industry division found in the 1987 Standard Industrial Classification manual.		
Column	Type	Constraint	Description
sicdiv	char(1)	Primary Key	A code used to represent the major SIC division.
divdesc	varchar(40)		A narrative description of the Major SIC Division title.
Constraint Information			
N/A			


siclevel	This table contains one record for every hierarchical level of the SIC code contained in the Standard Industrial Classification manual.		
Column	Type	Constraint	Description
siclevel	char(1)	Primary Key	A code that indicates the hierarchical level of the SIC code.
leveldesc	varchar(40)		A description of the hierarchical level of the industry.
Constraint Information			
N/A			

sizeclas	This table contains one record for each one digit code identifying the size of an establishment's workforce. First 10 codes are 202 codes. Additional codes are available for states.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
sizeclass	char(2)	Primary Key	Two digit code identifying the size of the establishment's workforce.
sizedesc	varchar(40)		Description or title of sizeclass.
Constraint Information			
1 Foreign Key (sizeclas.stfips) references (stfipstb.stfips)			

socode	This table contains one record for each SOC code represented in the Standard Occupational Classification (SOC) System.		
Column	Type	Constraint	Description
socode	char(6)	Primary Key	A six digit code assigned to the SOC occupational title.
soctitle	varchar(50)		The title assigned to that SOC occupation. *Note: No standard short titles are currently available.
soctitlel	varchar(150)		The long title assigned to the SOC occupation.
socdesc	varchar(4000)		A narrative description of the SOC occupational title.
oohtrntm	char(1)	1	A code assigned to the category of education and/or training generally required to enter an occupation and for workers to develop the skills needed for average job performance in the occupation.
oesflag	char(1)		Flag indicating whether the occupation is an OES-only occupation: 0 = SOC occupation 1 = OES only occupation
socparent	char(6)	2	Parent SOC code to use for rollup.
Constraint Information			
1 Foreign Key (socode.oohtrntm) references (oohtrntm.oohtrntm)			
2 Foreign Key (socode.socparent) references (socode.socode)			
 Triggers are suggested to maintain the occcodes table. See explanation in the introductory section under Table Constraints and Triggers. Use triggers on INSERT, UPDATE or DELETE of socode to maintain occcodes. (statlst.stfips, '08', socode.socode, socode.soctitle) maintains (occcodes.stfips, occcodes.codetype, occcodes.code, occcodes.codetitle)			

statype	This table contains one record for each type of statistical measurement.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
statype	char(2)	Primary Key	A code that represents the statistical type.
stattydesc	varchar(50)		A description of the statistical type of measurement.
Constraint Information			
1 Foreign Key (stattyp.stfips) references (stfipstb.stfips)			

stfipstb	A table containing one record for each State FIPS code.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key	State FIPS code.
stname	varchar(20)		State name.
abbrev	char(2)		The two letter State abbreviation.
Constraint Information			
N/A			

stprogcd	This table contains one record for every State-specific training code. In other tables where columns 'code' and 'codetype' exist, when 'codetype' equals '09' the title for the corresponding 'code' may be found in this table.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
code	char(10)	Primary Key	The classification code used by the state for this data element. This code could be DOT, OES, CIP, Cluster, SOC, Census, etc. For codes not 10 characters long, left justify and blank (ASCII 32) fill.
codetype	char(2)	2	A code describing the classification code.
title	varchar(60)		The program title represented by the code.
cipcode	char(10)	3	A ten digit code assigned to a Classification of Instructional Programs (CIP) program title.
titledesc	varchar(4000)		The program description.
Constraint Information			
1 Foreign Key (stprogcd.stfips) references (stfipstb.stfips) 2 Foreign Key (stprogcd.codetype) references (occtypes.codetype) 3 Foreign Key (stprogcd.cipcode) references (cipcode.cipcode)			
 Triggers are suggested to maintain the occcodes table. See explanation in the introductory section under Table Constraints and Triggers. Use triggers on INSERT, UPDATE or DELETE of stprogcd to maintain occcodes. (stprogcd.stfips, '09', stprogcd.code, stprogcd.title) maintains (occcodes.stfips, occcodes.codetype, occcodes.code, occcodes.codetitle)			

subgeog	A table containing identifiers for substate geographic areas. For each larger 'stfips', 'areatype', 'area' combination, this table will contain a list of unique 'substfips', 'subareatyp', 'subarea' smaller combinations that comprise the larger geographic area.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
substfips	char(2)	Primary Key 2	A two digit code assigned to represent a substate FIPS code.
subareatyp	char(2)	Primary Key 2	A two digit code assigned to represent the type of substate area.
subarea	char(6)	Primary Key 2	A six digit code assigned to represent the name of the substate area.
Constraint Information			
1 Foreign Key (subgeog.stfips, subgeog.areatype, subgeog.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (subgeog.substfips, subgeog.subareatyp, subgeog.subarea) references (geog.stfips, geog.areatype, geog.area)			

svc	This table contains one record for each military service branch code.		
Column	Type	Constraint	Description
svc	char(1)	Primary Key	Military service branch code.
svctitle	varchar(130)		Military service branch title.
Constraint Information			
N/A			

taxtype	This table contains one record for each type of tax collected by a state.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
taxtype	char(2)	Primary Key	A two digit code identifying the type of tax.
taxtypedesc	varchar(40)		A description of the tax.
Constraint Information			
1 Foreign Key (taxtype.stfips) references (stfipstb.stfips)			

unittype	This table contains a unique listing, by state, of building permit types.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
unittype	char(2)	Primary Key	Code for the type of building permit.
typedesc	varchar(40)		Description of building permit.
Constraint Information			
1 Foreign Key (unittype.stfips) references (stfipstb.stfips)			

urltopic This table contains a listing, by state, of uniform resource locator topic categories.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
urltopic	char(3)	Primary Key	Code for the type of uniform resource locator topic.
topicdesc	varchar(40)		Description of uniform resource locator topic.
Constraint Information			
1 Foreign Key (urltopic.stfips) references (stfipstb.stfips)			

vetcode This table contains one record for each type of veteran.			
Column	Type	Constraint	Description
veteran	char(1)	Primary Key	Code for veteran status of claimant.
vetdesc	varchar(60)		Description or title of veteran type.
Constraint Information			
N/A			

wgsource This table contains one record for each source of wage data.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
wagesource	char(1)	Primary Key	A code representing the source of wage data.
wagesrdesc	varchar(60)		A description of the source of the wage data.
Constraint Information			
1 Foreign Key (wgsource.stfips) references (stfipstb.stfips)			

worksite This table contains one record for each worksite code.			
Column	Type	Constraint	Description
worksite	char(1)	Primary Key	Code for status of worksite: open or closed.
wksitedesc	varchar(90)		Description or title of worksite.
Constraint Information			
N/A			

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DATA TABLES

analysis	This table contains one record for each cluster or unit of analysis. The purpose of the table is to allow the Workforce Information Database Administrator to enter text that analyzes the Supply/Demand situation for a state or area, and to display relevant information about replacement rates for programs.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,2,3	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 4	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 4	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 4	Period Code. Will be set to '00' where periodtype is annual.
cluscode	char(10)	Primary Key 2	Code assigned to the cluster from the State Units of Analysis.
analysis	varchar(4000)		A narrative analysis of the factors about the Supply/Demand situation for a state or substate area.
clusgrade	char(1)	3	An evaluative rating for the cluster.
placeclus	varchar(4000)		Narrative statements about the placement rates for programs contained in the Unit of Analysis or Cluster.
Constraint Information			
1 Foreign Key (analysis.stfips, analysis.areatype, analysis.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (analysis.stfips, analysis.cluscode) references (cluscode.stfips, cluscode.cluscode)			
3 Foreign Key (analysis.stfips, analysis.clusgrade) references (clusgrad.stfips, clusgrad.clusgrade)			
4 Foreign Key (analysis.periodyear, analysis.periodtype, analysis.period) references (period.periodyear, period.periodtype, period.period)			

bed Table of private sector business employment dynamics data, showing job losses and gains due to expansion, contraction, new business, and closed business.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1, 3	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six-digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
indcodetype	char(2)	Primary Key 3	Code for the type of industry: 05 = SIC 10 = NAICS
indcode	char(6)	Primary Key 3	The industry code.
adjusted	char(1)	Primary Key	Indicates whether data is seasonally adjusted. 0 = Not Adjusted 1 = Adjusted
bedtypcode	char(1)	Primary Key 4	Indicator of the type of data:
bedemploy	numeric(12)		Amount of employment gain/loss
bedempperc	numeric(4,1)		Percent employment gain/loss
bedestabs	numeric(12)		Number of establishments involved in gain/loss
bedestperc	numeric(4,1)		Percent establishments involved in gain/loss
suppress	char(1)		An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppressed
Constraint Information			
1 Foreign Key (bed.stfips, bed.areatype, bed.area) references (geog.stfips, geog.areatype, geog.area) 2 Foreign Key (bed.periodyear, bed.periodtype, bed.period) references (period.periodyear, period.periodtype, period.period) 3 Foreign Key (bed.stfips, bed.indcodetype, bed.indcode) references (indcodes.stfips, indcodes.codetype, indcodes.code) 4 Foreign Key (bed.bedtypcode) references (bedtypes.bedtypcode)			

blding Table of building permits awarded per area and time period.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,3	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
unittype	char(2)	Primary Key 3	Code for the type of building permit.
units	numeric(7)		Number of building permits.
unitcost	numeric(12)		Building construction cost.
Constraint Information			
1 Foreign Key (blding.stfips, blding.areatype, blding.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (blding.periodyear, blding.periodtype, blding.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (blding.stfips, blding.unittype) references (unittype.stfips, unittype.unittype)			

cenlabor One record for each Census occupation with the count of females or males in the labor force in the occupation.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g., county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
censcode	char(3)	Primary Key 3	A three digit code assigned to the Census occupational title.
femalelf	numeric(8)		Number of females in the occupation in the labor force.
malelf	numeric(8)		Number of males in the occupation in the labor force.
Constraint Information			
1 Foreign Key (cenlabor.stfips, cenlabor.areatype, cenlabor.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (cenlabor.periodyear, cenlabor.periodtype, cenlabor.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (cenlabor.censcode) references (censcode.censcode)			

ces Employment estimates as reported by the Current Employment Survey.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,3	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
seriescode	char(8)	Primary Key 3,	Industrial Series code.
adjusted	char(1)	Primary Key	Indicates if record contains seasonally adjusted data. 1 = adjusted 0 = not adjusted
benchmark	char(4)	Primary Key 4	Benchmark year of the data.
prelim	char(1)		Preliminary/revised flag 0 = Preliminary 1 = Not Preliminary
empces	numeric(9)		Number employed by place of work; actual number, not in thousands.
empprodwrk	numeric(9)		Number of Production workers; actual number, not in thousands.
empfemale	numeric(9)		Number of females employed; actual number, not in thousands.
hours	numeric(3,1)		Average hours worked per week.
earnings	numeric(8,2)		Average weekly earnings.
hourearn	numeric(6,2)		Average hourly earnings.
supprecord	char(1)		Suppress total record. 1 = Suppressed 0 = Not Suppressed
supphe	char(1)		Suppress hours and earnings. 1 = Suppressed 0 = Not Suppressed
supppw	char(1)		Suppress Production Workers. 1 = Suppressed 0 = Not Suppressed
suppfem	char(1)		Suppress Female Employment. 1 = Suppressed 0 = Not Suppressed
Constraint Information			
1 Foreign Key (ces.stfips, ces.areatype, ces.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (ces.periodyear, ces.periodtype, ces.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (ces.stfips, ces.seriescode) references (cescode.stfips, cescode.seriescode)			
4 Foreign Key (ces.benchmark) references (benmark.benchmark)			

commute	Commuting patterns. Each record of this table contains a geographic area of a worker's residence ('stfips', 'areatype', 'area') and the geographic area of a worker's place of work ('wkstfips', 'wkareaty', 'wkarea') and the number of workers that fall into this commuting pattern.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
wkstfips	char(2)	Primary Key 3	State FIPS Code of workplace.
wkareaty	char(2)	Primary Key 3	Area type code for workplace.
wkarea	char(6)	Primary Key 3	Area code for workplace.
workers	numeric(8)		Number of workers.
Constraint Information			
1 Foreign Key (commute.stfips, commute.areatype, commute.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (commute.periodyear, commute.periodtype, commute.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (commute.wkstfips, commute.wkareaty, commute.wkarea) references (geog.stfips, geog.areatype, geog.area)			

cpi Consumer Price Index data.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1, 3, 4	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
cpitype	char(2)	Primary Key 3	Type of CPI measure.
cpisource	char(1)	Primary Key 4	Source of the CPI measure.
cpi	numeric(8,3)		CPI measure.
pctchgy	numeric(6,1)		The percent change in the CPI from the period exactly one year ago to the current period.
pctchgm	numeric(6,1)		The percent change in the CPI from the period exactly one month ago to the current month.
Constraint Information			
1 Foreign Key (cpi.stfips, cpi.areatype, cpi.area) references (geog.stfips, geog.areatype, geog.area) 2 Foreign Key(cpi.periodyear,cpi.periodtype, cpi.period) references (period.periodyear, period.periodtype, period.period) 3 Foreign Key (cpi.stfips, cpi.cpitype) references (cpitype.stfips, cpitype.cpitype) 4 Foreign Key (cpi.stfips, cpi.cpisource) references (cpisource.stfips, cpisource.cpisource)			

develop Table of industrial development.									
Column	Type	Constraint	Description						
stfips	char(2)	Primary Key 1,3	State FIPS code.						
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.						
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.						
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).						
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)						
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.						
indcodty	char(2)	Primary Key 3	Code describing the industry code type.						
indcode	char(6)	Primary Key 3	A code used in the classification of establishments by type of activity in which they are engaged. For codes not 6 characters long, left justify and blank (ASCII 32) fill. Either SIC or NAICS code can be used. A siccode of 9999 means non-classifiable; industry not specified.						
newinvest	numeric(10)		New industry investment data.						
newemploy	numeric(7)		New industry employment data.						
newfirms	numeric(6)		Number of new firms.						
expinvest	numeric(10)		Expanded industry investment data.						
expemploy	numeric(7)		Expanded industry employment data.						
expfirms	numeric(6)		Number of expanding firms.						
invincent	numeric(10)		Infrastructure investment.						
Constraint Information									
<p>1 Foreign Key (develop.stfips, develop.areatype, develop.area) references (geog.stfips, geog.areatype, geog.area)</p> <p>2 Foreign Key (develop.periodyear, develop.periodtype, develop.period) references (period.periodyear, period.periodtype, period.period)</p> <p>3 Foreign Key (develop.stfips, develop.indcodty, develop.indcode) references (indcodes.stfips, indcodes.codetype, indcodes.code)</p>									
<p style="text-align: center;"><u>Note:</u></p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>If indcodty is:</u></td> <td style="text-align: center;"><u>Then indcode refers to a:</u></td> </tr> <tr> <td style="text-align: center;">05.....</td> <td style="text-align: center;">SIC code</td> </tr> <tr> <td style="text-align: center;">10.....</td> <td style="text-align: center;">NAICS code</td> </tr> </table>				<u>If indcodty is:</u>	<u>Then indcode refers to a:</u>	05.....	SIC code	10.....	NAICS code
<u>If indcodty is:</u>	<u>Then indcode refers to a:</u>								
05.....	SIC code								
10.....	NAICS code								

Column			
Column	Type	Constraint	Description
eeolabfac Labor Force, Employment, and Unemployment factors by race and gender, derived from Summary File 3A, tables 043 and 150 (a through i).			
stfips	char(2)	Primary Key 1	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 2005).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
gender	char(1)	Primary Key 3	Gender Code.
raceethn	char(5)	Primary Key 4	The Workforce Information Race/Ethnicity code.
lffact	numeric(9,8)		The EEO Race/Gender combination divided by the total 2000 Census labor force.
empfact	numeric(9,8)		The EEO Race/Gender combination divided by the total 2000 Census employment
unempfact	numeric(9,8)		The EEO Race/Gender combination divided by the total 2000 Census unemployment.
Constraint Information			
1 Foreign Key (eeolabfac.stfips, eeolabfor.areatype, eeolabfor.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (eeolabfac.periodyear, eeolabfac.periodtype, eeolabfac.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (eeolabfac.gender) references (gender.gender)			
4 Foreign Key (eeolabfac.raceethn) references (raceethn.raceethn)			

Constraint Information			
1 Foreign Key (eeolabfor.stfips, eeolabfor.areatype, eeolabfor.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (eeolabfor.periodyear, eeolabfor.periodtype, eeolabfor.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (eeolabfor.gender) references (gender.gender)			
4 Foreign Key (eeolabfor.raceethn) references (raceethn.raceethn)			

eeolabfor Employment and unemployment estimates reported from the Local Area Unemployment Statistics broken down by Census EEO Categories.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 2005).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
gender	char(1)	Primary Key 3	Gender Code.
raceethn	char(5)	Primary Key 4	The Workforce Information Race/Ethnicity code.
laborforce	numeric(9)		Civilian labor force.
emplab	numeric(9)		Number employed by place of residence.
unemp	numeric(9)		Number unemployed.
unemprate	numeric(5,1)		Unemployment rate.

eeoocc This table contains one record for each 2000 EEO Census occupation.																									
Column	Type	Constraint	Description																						
stfips	char(2)	Primary Key 1, 3, 4, 5	State FIPS code.																						
areatype	char(2)	Primary Key 1	Code describing type of geographic area : e.g. county, service delivery area, MSA.																						
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.																						
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).																						
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.).																						
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.																						
gender	char(1)	Primary Key 3	Gender Code.																						
raceethn	char(5)	Primary Key 4	The Workforce Information Race/Ethnicity code.																						
occodetype	char(2)	Primary Key 5	Code describing the type of occupational coding system. This will be '06' for census code.																						
occcode	char(10)	Primary Key 5	The occupational classification code used by the state for this data element. In most cases, this will be the CENSUS code. For codes not 10 characters long, left justify and blank (ASCII 32) fill.																						
explabfor	numeric(10)		The experienced labor force for the occupation (those with work experience in the occupation, 1995-2000).																						
Constraint Information																									
<p>1 Foreign Key (eeoocc.stfips, eeoocc.areatype, eeoocc.area) references (geog.stfips, geog.areatype, geog.area)</p> <p>2 Foreign Key (eeoocc.periodyear, eeoocc.periodtype, eeoocc.period) references (period.periodyear, period.periodtype, period.period)</p> <p>3 Foreign Key (eeoocc.gender) references (gender.gender)</p> <p>4 Foreign Key (eeoocc.raceethn) references (raceethn.raceethn)</p> <p>5 Foreign Key (eeoocc.stfips, eeoocc.occodetype, eeoocc.occcode) references (occcodes.stfips, occcodes.codetype, occcodes.code)</p>																									
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eeopop This table contains one record for every equal employment opportunity (eeo) state and local category to 2000 census code relationship.			
column	type	constraint	description
stfips	char(2)	Primary Key 1	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 2005).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
gender	char(1)	Primary Key 3	Gender Code.
raceethn	char(5)	Primary Key 4	The Workforce Information Race/Ethnicity code.
population	numeric(10)		Number representing the population total for the specified geographic area and time period.
constraint information			
1 Foreign Key (eeopop.stfips, eeopop.areatype, eeopop.area) references (geog.stfips, geog.areatype, geog.area) 2 Foreign Key (eeopop.periodyear, eeopop.periodtype, eeopop.period) references (period.periodyear, period.periodtype, period.period) 3 Foreign Key (eeopop.gender) references (gender.gender) 4 Foreign Key (eeopop.raceethn) references (raceethn.raceethn)			

empddb	This table contains the employer data from the Employer Database. The use of the data in the Employer Database is subject to the terms and agreements in the contract signed by the State with the Employer Database supplier.		
Column	Type	Constraint	Description
stfips	char(2)	1	State fips code of employer's physical location.
areatype	char(2)	1	Always township code '14' for New England states; always county code '04' for all other states.
area	char(6)	1	Three-digit code assigned to county (fips) or township where business is located, front filled with zeroes.
uniqueid	char(9)	Primary Key	Employer's unique id assigned by <i>infoUSA</i> .
lastupdate	char(6)		Date of record's most recent update or verification from Yellow Page compilation or other sources.
name	varchar(35)		Name by which the business is known or under which it conducts business.
addressP	varchar(40)		Employer's physical location – street address
cityP	varchar(30)		Employer's physical location – city
stateP	char(2)		Employer's physical location – state
zipcodeP	char(5)		Employer's physical location – zipcode
zipplusP	char(4)		Employer's physical location – zip + 4
latitude	numeric(11,6)		Employer's physical location – latitude
longitude	numeric(11,6)		Employer's physical location – longitude
geocode	char(1)	2	Employer's physical location – geocode precision level code. The precision of the longitude and latitude coordinates.
addressM	varchar(40)		Employer's mailing address – street address
cityM	varchar(30)		Employer's mailing address – city
stateM	char(2)		Employer's mailing address – state
zipcodeM	char(5)		Employer's mailing address – zip-code
zipplusM	char(4)		Employer's mailing address – zip + 4
addressL	varchar(40)		Employer's landmark address – landmark
cityL	varchar(30)		Employer's landmark address – city
stateL	char(2)		Employer's landmark address – state
zipcodeL	char(5)		Employer's landmark address – zip-code
zipplusL	char(4)		Employer's landmark address – zip + 4
telenium	char(10)		Employer's telephone number with area code.
cntctlname	varchar(30)		Contact's last name.
cntctfname	varchar(30)		Contact's first name.
cntcttitle	varchar(35)		Contact's title (e.g., HR director, owner, president)
faxnumber	char(10)		Employer's fax number.
weburl	varchar(40)		Employer's Web site address (URL).
busdesc	varchar(45)		Business description (a one-line 'line of business' identifier).
primarysic	char(6)		Employer's primary SIC code.
sic2	char(6)		Employer's SIC code #2
sic3	char(6)		Employer's SIC code #3
sic4	char(6)		Employer's SIC code #4
sic5	char(6)		Employer's SIC code #5
primnaics	char(8)		Employer's primary NAICS code.
naics2	char(8)		Employer's NAICS code #2

empdb This table contains the employer data from the Employer Database. The use of the data in the Employer Database is subject to the terms and agreements in the contract signed by the State with the Employer Database supplier.

Column	Type	Constraint	Description
naics3	char(8)		Employer's NAICS code #3
naics4	char(8)		Employer's NAICS code #4
naics5	char(8)		Employer's NAICS code #5
privgovsta	char(1)	3	Identifies whether the business is a government or private sector entity.
locstat	char(1)	4	Identifies the business location status.
empsizrng	char(2)	5	Code for the number of employees that work at this business location, by range.
empsizval	numeric(9)		Number of employees who work at this location of the business.
empsizflg	char(1)	6	Code identifying how the employment (empsizval) was derived.
annsalrng	char(2)	7	Code for the estimated sales of the business at this location, in thousands, by range.
annsalval	varchar(15)		Estimated annual sales volume of the business at this location.
annsalflg	char(1)	8	Code identifying how the annual sales volume was derived.
yearest	char(4)		Year the business at this location was identified and added to the database.
credited	char(1)	9	Credit rating code: an indicator of a business' financial status, or probable ability to pay. These are modeled; they do not reflect actual payment history. Users must be cautioned that these credit rating indicators should not be the sole factor in making a credit decision.
hdqtrsid	char(9)		The uniqueid of the regional or subsidiary headquarters of the business to which this record pertains.
parentid	char(9)	10	The uniqueid of the corporate parent of the business to which this record pertains. This may be the immediate or a higher level U.S. corporate parent of the business.
releaseno	char(3)	11	empdb release number

Constraint Information

1. Foreign Key (empdb.stfips, empdb.areatype, empdb.area) references (geog.stfips, geog.areatype, geog.area)
2. Foreign Key (empdb.geopcode) references (geocode.geopcode)
3. Foreign Key (empdb.privgovsta) references (prvgovst.privgovsta)
4. Foreign Key (empdb.locstat) references (locstat.locstat)
5. Foreign Key (empdb.empsizrng) references (empszrng.empsizrng)
6. Foreign Key (empdb.empsizflg) references (empszflg.empsizflg)
7. Foreign Key (empdb.annsalrng) references (annslrng.annsalrang)
8. Foreign Key (empdb.annsalflg) references (annslflg.annsalflg)
9. Foreign Key (empdb.credited) references (credited.credited)
10. Foreign Key (empdb.parentid) references (empdb.uniqueid)
11. Foreign Key (empdb.releaseno) references (empdbinf.releaseno)

esapplic1 Employment Service applicant characteristics.																																				
Column	Type	Constraint	Description																																	
stfips	char(2)	Primary Key 1, 3, 6, 7, *	State FIPS code.																																	
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.																																	
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.																																	
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).																																	
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)																																	
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.																																	
occodetype	char(2)	Primary Key 7	Code describing the occupational code.																																	
occcode	char(10)	Primary Key 7	The occupational classification code used by the state for this data element. This code could be DOT, OES, SOC, Census, etc. For codes not 10 characters long, left justify and blank (ASCII 32) fill.																																	
agegroup	char(2)	Primary Key 3	Code representing age group.																																	
gender	char(1)	Primary Key 4	Gender code.																																	
raceethn	char(5)	Primary Key 5	Code indicating ethnicity and race of claimants.																																	
highestgrd	char(2)	Primary Key 6	Code indicating the highest school grade completed.																																	
esapplicid	int	*	Unique ID for relating esapplic2 to esapplic1.																																	
applicants	numeric(8)		Number of current applicants.																																	
Constraint Information																																				
<p>1 Foreign Key (esapplic1.stfips, esapplic1.areatype, esapplic1.area) references (geog.stfips, geog.areatype, geog.area)</p> <p>2 Foreign Key (esapplic1.periodyear, esapplic1.periodtype, esapplic1.period) references (period.periodyear, period.periodtype, period.period)</p> <p>3 Foreign Key (esapplic1.stfips, esapplic1.agegroup) references (agegroup.stfips, agegroup.agegroup)</p> <p>4 Foreign Key (esapplic1.gender) references (gender.gender)</p> <p>5 Foreign Key (esapplic1.raceethn) references (raceethn.raceethn)</p> <p>6 Foreign Key (esapplic1.stfips, esapplic1.highestgrd) references (schgrade.stfips, schgrade.highestgrd)</p> <p>7 Foreign Key (esapplic1.stfips, esapplic1.occodetype, esapplic1.occcode) references (occcodes.stfips, occcodes.codetype, occcodes.code)</p>																																				
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*Unique Constraint: combination of stfips and esapplicid cannot be duplicated.																																				

esapplic2 Employment Service applicant characteristics.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
esapplicid	int	Primary Key 1	Unique ID for relating esapplic2 to esapplic1.
veteran	char(1)	Primary Key 2	Code representing veteran status.
disabled	char(1)	Primary Key 3	Code indicating handicapped applicants.
seasonal	char(1)	Primary Key 4	Code indicating seasonal or migrant workers.
econdisadv	char(1)	Primary Key 5	Code indicating those who are economically disadvantaged.
dislocated	char(1)	Primary Key 6	Code indicating dislocated workers.
applicants	numeric(8)		Number of current applicants.
Constraint Information			
1 Foreign Key (esapplic2.stfips, esapplic2.esapplicid) references (esapplic1.stfips, esapplic1.esapplicid) 2 Foreign Key (esapplic2.veteran) references (vetcode.veteran) 3 Foreign Key (esapplic2.disabled) references (disabil.disabled) 4 Foreign Key (esapplic2.seasonal) references (seasonal.seasonal) 5 Foreign Key (esapplic2.econdisadv) references (disadvan.econdisadv) 6 Foreign Key (esapplic2.dislocated) references (dislocat.dislocated)			

esdata Employment Service data			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1, 4, 5	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
occodetype	char(2)	Primary Key 5	Code describing the occupational code.
occcode	char(10)	Primary Key 5	The classification occupational code code used by the state for this data element. This code could be DOT, OES, SOC, CENSUS, etc. For codes not 10 characters long, left justify and blank (ASCII 32) fill.
stattype	char(2)	Primary Key 4	Code that represents the statistical type for eswage.
eswage	numeric(9,2)		A statistical measure of wage offered for the openings in a job classification (e.g., median wage, average wage for the job classification).
esorders	numeric(8)		Employment Service job orders.
esopen	numeric(8)		Employment Service job openings.
esapps	numeric(8)		Employment Service job applicants.
newapps	numeric(8)		Number of new Employment Service job applicants.
referrals	numeric(8)		Number of job seekers referred to jobs.
ratetype	char(1)	Primary Key 3	Code describing units for eswage.
Constraint Information			
1 Foreign Key (esdata.stfips, esdata.areatype, esdata.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (esdata.periodyear, esdata.periodtype, esdata.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (esdata.ratetype) references (ratetype.ratetype)			
4 Foreign Key (esdata.stfips, esdata.stattype) references (stattype.stfips, stattype.stattype)			
5 Foreign Key (esdata.stfips, esdata.occodetype, esdata.occcode) references (occcodes.stfips, occcodes.codetype, occcodes.code)			
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income This table contains income data.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1, 3, 4	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
inctype	char(2)	Primary Key 3	Code describing type of income measure.
incsource	char(1)	Primary Key 3	Source of the income measure.
income	numeric(14)		Value of income measure.
incrank	numeric(3)		Rank of income measure.
population	numeric(10)		Population of the geography referenced.(related to inctype e.g., number of households, number of families, number persons)
Constraint Information			
1 Foreign Key (income.stfips, income.areatype, income.area) references (geog.stfips, geog.areatype, geog.area) 2 Foreign Key(income.periodyear, income.periodtype, income.period) references (period.periodyear, period.periodtype, period.period) 3 Foreign Key (income.stfips, income.inctype, income.incsource) references (incomtyp.stfips, incomtyp.inctype,incomtyp.incsource)			

indprj This table contains employment projections for each of the identified industries and areas.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,2,3	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodid	char(2)	Primary Key 2	A two digit code identifying the base and projected periods.
matincode	char(10)	Primary Key 2	Matrix industry code from Micro Matrix.
estindprj	numeric(9)		A numerical value representing a base year employment estimate for an industry.
projindprj	numeric(9)		A value representing the projected year employment estimate for an industry.
grrate	numeric(7,4)		A value representing the annualized percentage growth. This value is calculated by dividing the Projected year by the Base year. Taking the results to the 1/n power, where n is the number of years in the projection period, subtracting 1 from the result and multiplying that result by 100. $grrate = (((projindprj/estindprj)^{1/n}) - 1) * 100$
nchg	numeric(9)		Numeric Change between the projected estimate and the base estimate.
pchg	numeric(7,4)		Percent change over period $((projindprj - estindprj) / estindprj) * 100$
growcode	char(2)	3	A descriptor to allow for state specific interpretation of the industry or occupation.
suppress	char(1)		An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppressed
Constraint Information			
1 Foreign Key (indprj.stfips, indprj.areatype, indprj.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (indprj.stfips, indprj.matincode, indprj.periodid) references (inddir.stfips, inddir.matincode, inddir.periodid)			
3 Foreign Key (indprj.stfips, indprj.growcode) references (growcode.stfips, growcode.growcode)			

indsum	This table contains a count of employers for each areatype or industry with a specified detailed source. Source can include either the EMPDB table or the STFIRMS table.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1, 2	State FIPS code.
areatype	char(2)	Primary Key 1	Areatype code.
area	char(6)	Primary Key 1	Area code.
incodetyp	char(2)	Primary Key 2	Code describing the type of industry classification code.
indcode	char(6)	Primary Key 2	The classification code used by the state for this data element. This could be a SIC or NAICS code. For codes not 6 characters long, left justify and blank (ASCII 32) fill.
indsource	char(1)	Primary Key	Detail source of industry aggregates: E = empdb, S = stfirms
employers	numeric(6)		Count of employers
Constraint Information			
1 Foreign Key (indsum.stfips, indsum.areatype, indsum.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (indsum.stfips, indsum.incodetyp, indsum.indcode) references (indcodes.stfips, indcodes.codetype, indcodes.code)			

industry	This table contains covered employment by industry collected for the ES-202 report. (We suggest that this table be maintained to include historical data so that reports reflecting change can be produced.)		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,3,4	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
indcodty	char(2)	Primary Key 4	Code describing the industry code type.
indcode	char(6)	Primary Key 4	A code used in the classification of establishments by type of activity in which they are engaged. For codes not 6 characters long, left justify and blank (ASCII 32) fill. Either SIC or NAICS code can be used. A siccode of 9999 means non-classifiable; industry not specified.
ownership	char(2)	Primary Key 3	Ownership is a two digit indicator that identifies the employer by public or private ownership.
prelim	char(1)		Preliminary/revise flag 0 = Preliminary 1 = Not Preliminary
firms	numeric(8)		The number of firms in the industry.
estab	numeric(8)		The number of employer establishments in the industry. (reporting units)
avgemp	numeric(9)		The number of workers employed in the industry.
mnth1emp	numeric(9)		Employment on the first month of the quarter.
mnth2emp	numeric(9)		Employment on the second month of the quarter.
mnth3emp	numeric(9)		Employment on the third month of the quarter.
topempav	numeric(9)		Average employment for the quarter or year of the top employer for the specified geography and industry code.
totwage	numeric(14)		The total wages paid to all workers in the industry for the period.
avgwk wage	numeric(8)		Average weekly wage per worker.
taxwage	numeric(14)		Total taxable wages.
contrib	numeric(12)		Employer contributions to the UI fund.
suppress	char(1)		An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppress employment & wage data
Constraint Information			
1 Foreign Key (industry.stfips, industry.areatype, industry.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (industry.periodyear, industry.periodtype, industry.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (industry.stfips, industry.ownership) references (ownership.stfips, ownership.ownership)			

industry This table contains covered employment by industry collected for the ES-202 report. (We suggest that this table be maintained to include historical data so that reports reflecting change can be produced.)

Column	Type	Constraint	Description
4 Foreign Key (industry.stfips, industry.indcodty, industry.indcode) references (inccodes.stfips, inccodes.codetype, inccodes.code)			
<u>Note:</u>			
		<u>If indcodty is:</u>	<u>Then indcode refers to a:</u>
		05.....	SIC code
		10.....	NAICS code

iomatrix This table contains industry-occupation employment matrix.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,2,3	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodid	char(2)	Primary Key 2,3	A two digit code identifying the type of period used.
matincode	char(10)	Primary Key 2	Matrix industry code from Micro Matrix.
matocode	char(10)	Primary Key 3	Matrix occupation code from Micro Matrix. For codes not 10 characters long, left justify and blank (ASCII 32) fill.
estemp	numeric(9)		The base-year employment estimate.
projemp	numeric(9)		The projected-year employment estimate.
pctestind	numeric(6,2)		The percentage of the base-year employment estimate for the indicated industry represented by the base-year employment estimate for the indicated occupation within that industry.
pctestocc	numeric(6,2)		The percentage of the base-year employment estimate for the indicated occupation represented by the base-year employment estimate for the indicated industry within that occupation.
pctprojind	numeric(6,2)		The percentage of projected employment for the indicated industry represented by projected employment for the indicated occupation within that industry.
pctprojocc	numeric(6,2)		The percentage of the projected employment estimate for the indicated occupation represented by the projected employment estimate for the indicated industry within that occupation.
nchg	numeric(9)		Numeric Change between the projected estimate and the base estimate.
pchg	numeric(7,4)		Percent change over period. $((projemp-estemp)/estemp)*100$
suppress	char(1)		An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Confidential 1 = Confidential
Constraint Information			
1 Foreign Key (iomatrix.stfips, iomatrix.areatype, iomatrix.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (iomatrix.stfips, iomatrix.matincode, iomatrix.periodid) references (inndir.stfips, inndir.matincode, inndir.periodid)			
3 Foreign Key (iomatrix.stfips, iomatrix.matocode, iomatrix.periodid) references (occdir.stfips, occdir.matocode, occdir.periodid)			

jvs This table contains vacancy estimates from the Job Vacancy Survey with main levels of data cube identifying each cell.

Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,3,4,5,6, *	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
ownership	char(2)	Primary Key 3	Ownership is a two digit indicator that identifies the employer by public or private ownership.
indcodty	char(2)	Primary Key 4	Code describing the industry code type.
indcode	char(6)	Primary Key 4	A code used in the classification of establishments by type of activity in which they are engaged. For codes not 6 characters long, left justify and blank (ASCII 32) fill. Either SIC or NAICS code can be used.
occodetype	char(2)	Primary Key 5	Code describing the type of occupational coding system
occcode	char(10)	Primary Key 5	The occupational classification code used by the state for this data element. This code could be a DOT, OES, SOC, CENSUS, etc. For codes not 10 characters long, left justify and blank (ASCII 32) fill.
sizeclass	char(2)	Primary Key 6	Two digit code identifying the size of the establishment's workforce.
jvscellid	Int	*	Unique ID for relating jvsaddit to jvs
vacancies	numeric(7)		Estimated number of openings.
vacanrate	numeric(3,1)		Estimated rate of openings
medianwage	numeric(3,2)		Median wage offered.
meanwage	numeric(3,2)		Mean wage offered.
minwage	numeric(3,2)		Min wage offered.
maxwage	numeric(3,2)		Max wage offered.
suppress	char(1)		An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppress data

Constraint Information

1 Foreign Key (jvs.stfips, jvs.areatype, jvs.area) references (geog.stfips, geog.areatype, geog.area)
 2 Foreign Key (jvs.periodyear, jvs.periodtype, jvs.period) references (period.periodyear, period.periodtype, period.period)
 3 Foreign Key (jvs.stfips, jvs.ownership) references (ownershp.stfips, ownershp.ownership)
 4 Foreign Key (jvs.stfips, jvs.indcodty, jvs.indcode) references (indcodes.stfips, indcodes.codetype, indcodes.code)

<u>Note:</u>	<u>If indcodty is:</u>	<u>Then indcode refers to a:</u>
	05.....	SIC code

10..... | NAICS code
 5 Foreign Key (jvs.stfips, jvs.occodetype, jvs.occocode) references (occcodes.stfips, occcodes.codetype, occcodes.code)

<u>Note:</u>	<u>If occodetype is:</u>	<u>Then occcode refers to a:</u>
	01.....	Cluster code
	02.....	OES code
	03.....	CIP code
	04.....	DOT code
	06.....	Census code
	07.....	CIDS code
	08.....	SOC code
	09.....	State specific code
	12.....	O*NET code
	13.....	Micro Matrix code

6 Foreign Key (jvs.stfips, jvs.sizeclass) references (sizeclas.stfips, sizeclas.sizeclass)

* Unique Constraint: combination of stfips and jvscellid cannot be duplicated.

jvsaddit This table contains vacancy estimates from the Job Vacancy Survey with additional data cell level detail.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,2,3,4,5	State FIPS code.
jvscellid	int	Primary Key 1	Unique ID for relating jvsaddit to jvs
partfull	char(1)	Primary Key	Code indicating whether or not openings are part or full time. 0 = both 1 = part-time 2 = full-time
permseas	char(1)	Primary Key	Code indicating whether or not openings are permanent or seasonal. 0 = both 1 = seasonal 2 = permanent
lengthopen	char(1)	Primary Key 2	Code indicating range of how long vacancy has been open.
edulevel	char(1)	Primary Key 3	Code indicating education level required.
explevel	char(1)	Primary Key 4	Code indicating experience level required.
certreq	char(1)	Primary Key	Code indicating if certificate is required. 0 = both 1 = certificate required 2 = no certificate required
benefit	char(1)	Primary Key 5	Code indicating benefit offered.
percentopn	numeric(3)		Percent of vacancies with criteria (e.g.)
suppress	char(1)		An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppress data
Constraint Information			
1 Foreign Key (jvsaddit.stfips, jvsaddit.jvscellid) references (jvs.stfips, jvs.jvscellid)			
2 Foreign Key (jvsaddit.stfips, jvsaddit.lengthopen) references (lengthopen .stfips, lnghtopn.lengthopen)			
3 Foreign Key (jvsaddit.stfips, jvsaddit.edulevel) references (edulevel.stfips, edulevel.edulevel)			
4 Foreign Key (jvsaddit.stfips, jvsaddit.explevel) references (explevel.stfips, explevel.explevel)			
5 Foreign Key (jvsaddit.stfips, jvsaddit.benefit) references (benefit.stfips, benefit.benefit)			

labforce Employment and unemployment estimates reported from the Local Area Unemployment Statistics.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
adjusted	char(1)	Primary Key	Indicates adjusted data. 0 = Not Adjusted 1 = Adjusted
prelim	char(1)	Primary Key	Indicates preliminary data. 0 = Not preliminary 1 = preliminary
benchmark	char(4)	Primary Key 3	Benchmark year of the data.
laborforce	numeric(9)		Civilian labor force.
emplab	numeric(9)		Number employed by place of residence.
unemp	numeric(9)		Number unemployed.
unemprate	numeric(5,1)		Unemployment rate.
PLEASE NOTE: IF AGGREGATING SMALLER AREA RECORDS INTO LARGER AREAS DO NOT USE ROUNDED DATA RECORDS. THIS IS PARTICULARLY IMPORTANT FOR APPLICATIONS THAT SUM RECORDS ACROSS AREAS.			
Constraint Information			
1 Foreign Key (labforce.stfips, labforce.areatype, labforce.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (labforce.periodyear, labforce.periodtype, labforce.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (labforce.benchmark) references (benmark.benchmark)			

licauth Table of licensing authorities for the state.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
licauthid	char(3)	Primary Key	A unique identifier for the licensing authority.
name1	varchar(75)		Name of Licensing Authority.
name2	varchar(75)		Second line for name of licensing authority.
name3	varchar(75)		Third line for name of licensing authority.
address1	varchar(75)		Address of licensing authority.
address2	varchar(75)		Second line for address.
city	varchar(30)		City.
st	char(2)		State.
zip	char(5)		Postal zip code for the business address.
zipext	char(4)		Four digit zip code extension.
latitude	numeric(11,6)		Physical location – latitude
longitude	numeric(11,6)		Physical location – longitude
geocode	char(1)	2	Physical location – geocode precision level code. The precision of the longitude and latitude coordinates.
telephone	varchar(10)		Phone number.
teleext	varchar(10)		Phone number extension.
fax	varchar(10)		Licensing agency fax number.
contact	varchar(50)		Name of person to contact at the licensing agency.
email	varchar(70)		Licensing agency e-mail address.
url	varchar(200)		Uniform Resource Locator for the licensing agency.
Constraint Information			
1 Foreign Key (licauth.stfips, licauth.areatype, licauth.area) references (geog.stfips, geog.areatype, geog.area)			
2. Foreign Key (licauth.geocode) references (geocode.geocode)			

license This table contains one record for each individual license authorized by a state.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
areatype	char(2)	1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
licenseid	char(10)	Primary Key	A code that identifies the license for the specific occupational title.
licauthid	char(3)	1	A unique code that identifies the licensing authority.
lictitle	varchar(75)		License title.
licdesc	varchar(4000)		Narrative description of the license.
Constraint Information			
1 Foreign Key (license.stfips, license.areatype, license.area, license.licauthid) references (licauth.stfips, licauth.areatype, licauth.area, licauth.licauthid)			

lichist Table containing the number of licenses awarded for a selected occupation.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,3	State FIPS code.
areatype	char(2)	1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
licenseid	char(10)	Primary Key 3	A code that identifies the license for the specific occupational title.
licnumtype	char(2)	Primary Key 4	A code that identifies the type of license information.
licnum	numeric(6)		A numerical value that represents the number of licenses awarded.
Constraint Information			
1 Foreign Key (lichist.stfips, lichist.areatype, lichist.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (lichist.periodyear, lichist.periodtype, lichist.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (lichist.stfips, lichist.licenseid) references (license.stfips, license.licenseid)			
4 Foreign Key (lichist.licnumtype) references (licnumty.licnumtype)			

mls Mass Layoff Statistics summary table.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,3	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 2004)
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
indcodty	char(2)	Primary Key 3	Code describing the industry code type.
indcode	char(6)	Primary Key 3	A code used in the classification of establishments by type of activity in which they are engaged. For codes not 6 characters long, left justify and blank (ASCII 32) fill. Either SIC or NAICS code can be used.
ownership	char(2)	Primary Key 4	Ownership is a two digit indicator that identifies the employer by public or private ownership.
gender	char(1)	Primary Key 5	Claimant gender.
raceethn	char(5)	Primary Key 6	Code indicating ethnicity and race of claimaints.
agegroup	char(2)	Primary Key 7	Age Group of claimaints.
veteran	char(1)	Primary Key 8	Code for veteran status of claimants.
worksite	char(1)	Primary Key 9	Code for status of worksite: open or closed.
prisepcd	char(2)	Primary Key 10	Primary reason code for layoff.
separat	numeric(6)		Number of people separated.
claimants	numeric(6)		Number of UI claimants.
events	numeric(4)		Number of MLS events.
suppress	char(1)		An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppress MLS record
Constraint Information			
1 Foreign Key (mls.stfips, mls.areatype, mls.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (mls.periodyear, mls.periodtype, mls.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (mls.stfips, mls.indcodty, mls.indcode) references (indcodes.stfips, indcodes.codetype, indcodes.code)			
4 Foreign Key (mls.stfips, mls.ownership) references (ownership.stfips,ownership.ownership)			
5 Foreign Key (mls.gender) references (gender.gender)			
6 Foreign Key (mls.raceethn) references (raceethn.raceethn)			
7 Foreign Key (mls.stfips, mls.agegroup) references (agegroup.stfips, agegroup.agegroup)			
8 Foreign Key (mls.veteran) references (vetcode.veteran)			
9 Foreign Key (mls.worksite) references (worksite.worksite)			
10 Foreign Key (mls.prisepcd) references (mlssepcd.mlssepdc)			

mlsclaim Mass Layoff Statistics claims.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,6	State FIPS code.
areatype	char(2)	1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	2	Period Code. Will be set to '00' where periodtype is annual.
uiaccount	char(10)	Primary Key 6	A unique ten digit number assigned to individual employers.
eventid	char(3)	Primary Key 6	Code identifying a specific MLS event.
ssn	char(9)	Primary Key	Claimant social security number.
gender	char(1)	3	Claimant gender.
raceethn	char(5)	4	Code indicating ethnicity and race of claimants.
birthday	date		Birthday of claimant in the form yyyyymmdd.
veteran	char(1)	5	Code for veteran status of claimant.
finalpay	char(1)		Final pay total. Yes/no y/n this may be a bit field in some rdbms. 0 = No 1 = Yes
claimtype	char(1)		Indicates type of initial unemployment claim. 1 = New Claim 2 = Additional Claim 9 = Unknown
finalweek	date (yyyymmdd)		Date of the week of final payment in the form yyyyymmdd.
Constraint Information			
1 Foreign Key (mlsclaim.stfips, mlsclaim.areatype, mlsclaim.area) references (geog.stfips, geog.areatype, geog.area) 2 Foreign Key (mlsclaim.periodyear, mlsclaim.periodtype, mlsclaim.period) references (period.periodyear, period.periodtype, period.period) 3 Foreign Key (mlsclaim.gender) references (gender.gender) 4 Foreign Key (mlsclaim.raceethn) references (raceethn.raceethn) 5 Foreign Key (mlsclaim.veteran) references (vetcode.veteran) 6 Foreign Key (mlsclaim.stfips, mlsclaim.uiaccount, mlsclaim.eventid) references (mlsevent.stfips, mlsevent.uiaccount, mlsevent.eventid)			

mlsevent Mass Layoff Statistics events.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,4	State FIPS code.
areatype	char(2)	1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	2	Period Code. Will be set to '00' where periodtype is annual.
uiaccount	char(10)	Primary Key	A unique ten digit number assigned to individual employers.
eventid	char(3)	Primary Key	Event ID.
siccode	char(4)	3	A code used in the classification of establishments by type of activity in which they are engaged. This field is left justified and padded with zeroes. A siccode of 9999 means non-classifiable; industry not specified.
naicscode	char(6)	10	A code used in the North American Industry Classification System (NAICS).
ownership	char(2)	4	Ownership is a two digit indicator that identifies the employer by public or private ownership.
name1	varchar(35)		Name of firm.
name2	varchar(35)		Additional space for firm name.
address1	varchar(35)		Address of firm.
city	varchar(30)		City.
st	char(2)		State.
zip	char(9)		Postal zip code for the business address.
meeicode	char(1)	5	The meeicode.
telephone	char(10)		Telephone number.
teleext	varchar(6)		Telephone number extension.
worksite	char(1)	6	Code for status of worksite: open or closed.
preemp	numeric(6)		Pre-layoff employment.
separat	numeric(6)		Number of people separated.
prisepcd	char(2)	7	Primary reason code for layoff.
secsepcd	char(2)	8	Secondary reason code for layoff.
layweek	date (yyyymmdd)		Week in which layoff occurred in form of yyyymmdd.
eventtype	char(1)	9	Code for the type of event.
dwvertype	char(1)	11	Code to indicate type of Dislocated worker event.
Constraint Information			
1 Foreign Key (mlsevent.stfips, mlsevent.areatype, mlsevent.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (mlsevent.periodyear, mlsevent.periodtype, mlsevent.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (mlsevent.siccode) references (siccode.siccode)			
4 Foreign Key (mlsevent.stfips, mlsevent.ownership) references (ownership.stfips, ownership.ownership)			
5 Foreign Key (mlsevent.meeicode) references (meeicode.meeicode)			
6 Foreign Key (mlsevent.worksite) references (worksite.worksite)			
7 Foreign Key (mlsevent.prisepcd) references (mlssepdc.mlssepdc)			
8 Foreign Key (mlsevent.secsepcd) references (mlssepdc.mlssepdc)			

mlsevent Mass Layoff Statistics events.			
Column	Type	Constraint	Description
9	Foreign Key (mlsevent.eventtype)	references (eventtyp.eventtype)	
10	Foreign Key(mlsevent.naiccode)	references (naiccode.naiccode)	
11	Foreign Key (mlsevent.dwvertype)	references (dwvertype.dwvertype)	

occprj This table contains occupational employment projections for each of the defined areas.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,2,3	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodid	char(2)	Primary Key 2	A two digit code identifying the base and projected periods.
matocode	char(10)	Primary Key 2	Matrix occupation code from Micro Matrix. For codes not 10 characters long, left justify and blank (ASCII 32) fill.
estocprj	numeric(9)		A value representing a base year employment estimate for an occupation.
projocprj	numeric(9)		A numerical value representing the projected year employment estimate for an occupation.
grrate	numeric(7,4)		A value representing the annualized percentage growth. This value is calculated by dividing the Projected year by the Base year. Taking the results to the 1/n power, where n is the number of years in the projection period, subtracting 1 from the result and multiplying that result by 100. $grrate = (((projocprj/estocprj)^{1/n}) - 1) * 100$
nchg	numeric(9)		Numeric Change between the projected estimate and the base estimate.
pchg	numeric(7,4)		Percent change over period. $((projocprj - estocprj) / estocprj) * 100$
aopeng	numeric(9)		A value representing the annual average openings due to growth. The value is calculated by subtracting the Base Year Employment estimate from the Projected Year Employment estimate, then dividing by the number of years in the projection period. $(projocprj - estocprj) / \text{No. years}$.
aopenr	numeric(9)		A value representing the annual average openings due to net replacement. The value is calculated by dividing the total openings due to net replacements (in the projection period) by the number of years in the projection period.
aopent	numeric(9)		A value representing the total annual average openings due to growth and net replacements.
growcode	char(2)	3	A descriptor to allow for state specific interpretation of the industry or occupation.
suppress	char(1)		An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppressed
Constraint Information			
1 Foreign Key (occprj.stfips, occprj.areatype, occprj.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (occprj.stfips, occprj.matocode, occprj.periodid) references (occdir.stfips, occdir.matocode, occdir.periodid)			
3 Foreign Key (occprj.stfips, occprj.growcode) references (growcode.stfips, growcode.growcode)			

oeswage This table contains one record for each OES occupation.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1, 3, 4, 5	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area : e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.).
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
indcodty	char(2)	Primary Key 4	Code describing the industry code type.
indcode	char(6)	Primary Key 4	A code used in the classification of establishments by type of activity in which they are engaged. For codes not 6 characters long, left justify and blank (ASCII 32) fill. Either SIC or NAICS code can be used. A siccode of 9999 means non-classifiable; industry not specified.
occodetype	char(2)	Primary Key 3	Code describing the type of occupational coding system.
occcode	char(10)	Primary Key 3	The occupational classification code used by the state for this data element. This code could be a DOT, OES, SOC, CENSUS, etc. For codes not 10 characters long, left justify and blank (ASCII 32) fill.
wagesource	char(1)	Primary Key 5	A code representing the source of the wage data.
ratetype	char(1)	Primary Key 6	Code which identifies the type of wage rate.
empcount	numeric(10)		Total employment.
response	numeric(6)		Response rate for the occupation's actual or real survey data. Does NOT include imputed data in the rate calculation.
mean	numeric(9,2)		Mean wage for the occupation.
entrywg	numeric(9,2)		Entry level wage for the occupation, mean of the first third (ALC definition).
experience	numeric(9,2)		Experienced level wage for the occupation, mean of upper two thirds (ALC definition).
pct10	numeric(9,2)		Wage at tenth percentile.
pct25	numeric(9,2)		Wage at twenty-fifth percentile.
median	numeric(9,2)		Median wage of the occupation; also the wage at fiftieth percentile.
pct75	numeric(9,2)		Wage at seventy-fifth percentile.
pct90	numeric(9,2)		Wage at ninetieth percentile.
udpct	numeric(3,0)		User defined percentile.
udpctwage	numeric(9,2)		Wage at user defined percentile.
udrnglopt	numeric(3,0)		Low percentile for user defined range.
udrnghipct	numeric(3,0)		High percentile for user defined range.
udrngmean	numeric(9,2)		Mean wage for user defined range.

oeswage This table contains one record for each OES occupation.			
Column	Type	Constraint	Description
wpctrelerr	numeric(6,2)		Relative percent error on wage.
epctrelerr	numeric(6,2)		Relative percent error on employment.
panelcode	char(6)		Reference panel code (yyyymm)
suppress	char(1)		An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppress employment data 2 = Suppress wage data 3 = Suppress employment & wage data
meansup	char(1)		Suppress mean wage for the occupation. 0 = Not Suppressed 2 = Suppress wage data
entrywgsup	char(1)		Suppress entry level wage for the occupation. 0 = Not Suppressed 2 = Suppress wage data
experiencesup	char(1)		Suppress experienced level wage for the occupation. 0 = Not Suppressed 2 = Suppress wage data
pct10sup	char(1)		Suppress wage at tenth percentile. 0 = Not Suppressed 2 = Suppress wage data
pct25sup	char(1)		Suppress wage at twenty-fifth percentile. 0 = Not Suppressed 2 = Suppress wage data
mediansup	char(1)		Suppress median wage of the occupation. 0 = Not Suppressed 2 = Suppress wage data
pct75sup	char(1)		Suppress wage at seventy-fifth percentile. 0 = Not Suppressed 2 = Suppress wage data
pct90sup	char(1)		Suppress wage at ninetieth percentile. 0 = Not Suppressed 2 = Suppress wage data
udpctwagesup	char(1)		Suppress wage at user defined percentile. 0 = Not Suppressed 2 = Suppress wage data
udrngmeansup	char(1)		Suppress mean wage for user defined range. 0 = Not Suppressed 2 = Suppress wage data
Constraint Information			
1 Foreign Key (oeswage.stfips, oeswage.areatype, oeswage.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (oeswage.periodyear, oeswage.periodtype, oeswage.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (oeswage.stfips, oeswage.occodetype, oeswage.occocode) references (occcodes.stfips, occcodes.codetype, occcodes.code)			

oeswage This table contains one record for each OES occupation.

Column	Type	Constraint	Description
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<u>Note:</u>	<u>If occodetype is:</u>	<u>Then occcode refers to a:</u>
	01.....	Cluster code
	02.....	OES code
	03.....	CIP code
	04.....	DOT code
	06.....	Census code
	07.....	CIDS code
	08.....	SOC code
	09.....	State specific code
	12.....	O*NET code
	13.....	Micro Matrix code

4 Foreign Key (oeswage.stfips, oeswage.indcodty, oeswage.indcode) references (indcodes.stfips, indcodes.codetype, indcodes.code)

<u>Note:</u>	<u>If indcodty is:</u>	<u>Then indcode refers to a:</u>
	05.....	SIC code
	10.....	NAICS code

5 Foreign Key (oeswage.stfips, oeswage.wagesource) references (wgsourc.stfips, wgsourc.wagesource)

6 Foreign Key (oeswage.ratetype) references (ratetype.ratetype)

payment Table of Government Transfer Payments.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,3	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
paytype	char(2)	Primary Key 3	A two digit code indicating type of payment.
amountpaid	numeric(10)		Amount paid in thousands.
Constraint Information			
1 Foreign Key (payment.stfips, payment.areatype, payment.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (payment.periodyear, payment.periodtype, payment.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (payment.stfips, payment.paytype) references (paytype.stfips, paytype.paytype)			

populatn This table contains population estimates for a geographic area and time period.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,3	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
popsourc	char(1)	Primary Key 3	Source Code for population data.
population	numeric(10)		Number representing the population total for the specified geographic area and time period.
Constraint Information			
1 Foreign Key (populatn.stfips, populatn.areatype, populatn.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (populatn.periodyear, populatn.periodtype, populatn.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (populatn.stfips, populatn.popsourc) references (popsourc.stfips, popsourc.popsourc)			

progcomp This table contains information about program completers.																									
Column	Type	Constraint	Description																						
stfips	char(2)	Primary Key 2, 3, 4, 5	State FIPS code.																						
areatype	char(2)	4	Code describing type of geographic area: e.g. county, service delivery area, MSA.																						
area	char(6)	4	Six digit code assigned to represent a geographic area. Front fill with zeroes.																						
instcode	char(10)	Primary Key 2	Unique code representing the institution.																						
periodyear	char(4)	Primary Key 1	Character representation of calendar year (e.g. 1996).																						
periodtype	char(2)	Primary Key 1	Code describing type of period (e.g. annual, quarterly, monthly, etc.).																						
period	char(2)	Primary Key 1	Period Code. Will be set to '00' where periodtype is annual.																						
codetype	char(2)	Primary Key 5	Code describing the type of occupation or training code.																						
code	char(10)	Primary Key 5	The classification code used by the state for this data element. This code could be DOT, OES, CIP, Cluster, SOC, Census, etc. For codes not 10 character long, left justify and blank (ASCII 32) fill.																						
compltpe	char(2)	Primary Key 3	Two digit code representing type of program completer.																						
completers	numeric(8)		Number of program completers.																						
placecomp	varchar(4000)		Information about post completion labor force status of completers.																						
Constraint Information																									
<p>1 Foreign Key (progcomp.periodyear, progcomp.periodtype, progcomp.period) references (period.periodyear, period.periodtype, period.period)</p> <p>2 Foreign Key (progcomp.stfips, progcomp.instcode) references (schools.stfips, schools.instcode)</p> <p>3 Foreign Key (progcomp.stfips,progcomp.compltpe) references (compltyp.stfips, compltyp.compltpe)</p> <p>4 Foreign Key (progcomp.stfips, progcomp.areatype, progcomp.area) references (geog.stfips, geog.areatype, geog.area)</p> <p>5 Foreign Key (progcomp.stfips, progcomp.codetype, progcomp.code) references (occcodes.stfips, occcodes.codetype, occcodes.code)</p>																									
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programs This table contains information about programs that are offered by education and training providers.																									
Column	Type	Constraint	Description																						
stfips	char(2)	Primary Key 1, 3, 4, 5, 6	State FIPS code.																						
areatype	char(2)	5	Code describing type of geographic area: e.g. county, service delivery area, MSA.																						
area	char(6)	5	Six digit code assigned to represent a geographic area. Front fill with zeroes.																						
instcode	char(10)	Primary Key 1	Unique code representing the institution / training provider.																						
codetype	char(2)	Primary Key 6	Code describing the type of occupation or training code.																						
code	char(10)	Primary Key 6	The classification code used by the state for this data element. This code could be DOT, OES, CIP, Cluster, SOC, Census, etc. For codes not 10 characters long, left justify and blank (ASCII 32) fill.																						
compltpe	char(2)	Primary Key 4	Two digit code representing type of program completed.																						
length	numeric(4)		The length of the training program at the institution (years, months, weeks, etc.)																						
lengthtype	char(2)	3	The identifying code assigned to the program length.																						
progcost	numeric(6)		The cost of the program.																						
progtile	varchar(100)		Title used by the training provider for the program.																						
progdesc	varchar(4000)		A narrative summary of the program objective.																						
cipcode	char(10)	2	A ten digit code assigned to a Classification of Institutional Programs (CIP) program title.																						
url	varchar(200)		Uniform Resource Locator for the program.																						
Constraint Information																									
<p>1 Foreign Key (programs.stfips, programs.instcode) references (schools.stfips, schools.instcode)</p> <p>2 Foreign Key (programs.cipcode) references (cipcode.cipcode)</p> <p>3 Foreign Key (programs.stfips, programs.lengthtype) references (lentype.stfips, lentype.lengthtype)</p> <p>4 Foreign Key (programs.stfips, programs.compltpe) references (compltyp.stfips, compltyp.compltpe)</p> <p>5 Foreign Key (programs.stfips, programs.areatype, programs.area) references (geog.stfips, geog.areatype, geog.area)</p> <p>6 Foreign Key (programs.stfips, programs.codetype, programs.code) references (occcodes.stfips, occcodes.codetype, occcodes.code)</p>																									
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propval Property Values. This table contains property value data for an entire geographic area for a specified time period and taxtype.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,3	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.).
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
taxtype	char(2)	Primary Key 3	A two digit code identifying the type of tax.
propvalue	numeric(15)		Total property value.
taxvalue	numeric(15)		Taxable property value.
millrate	numeric(6,4)		Tax rate charged per thousand dollars of taxable value.
Constraint Information			
1 Foreign Key (propval.stfips, propval.areatype, propval.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (propval.periodyear, propval.periodtype, propval.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (propval.stfips, propval.taxtype) references (taxtype.stfips, taxtype.taxtype)			

qwichar This table contains the characteristics associated with the quarterly workforce indicators.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,3,4,6,*	State FIPS code
areatype	char(2)	Primary Key 1	Code describing type of geographic area
area	char(6)	Primary Key 1	6-digit code assigned to represent a geographic area
periodyear	char(4)	Primary Key 2	Character representation of calendar year
periodtype	char(2)	Primary Key 2	Code describing type of period
period	char(2)	Primary Key 2	Period code; will be set to 00 when periodtype is annual
indcodty	char(2)	Primary Key 3	Code describing the industry code type
indcode	char(6)	Primary Key 3	A code representing the industry
ownership	char(2)	Primary Key 4	2-digit indicator that describes the company by type of ownership – public/private/total
gender	char(1)	Primary Key 5	Code describing the gender
agegroup	char(2)	Primary Key 6	Code describing either a single or range of ages
qwiid	integer	*	Unique identifier for each record within each state
Constraint Information			
1 Foreign Key (qwi.stfips,qwi.areatype,qwi.area) references (geog.stfips, geog.areatype, geog.area) 2 Foreign Key (qwi.periodyear, qwi.periodtype, qwi.period) references (period.periodyear, period.periodtype, period.period) 3 Foreign Key (qwi.stfips, qwi.indcodty, qwi.indcode) references (indcodes.stfips, indcodes.codetype, indcodes.code) 4 Foreign Key (qwi.stfips, qwi.ownership) references (ownership.stfips, ownership.ownership) 5 Foreign Key (qwi.gender) references (gender.gender) 6 Foreign Key (qwi.stfips, qwi.agegroup) references (agegroup.stfips, agegroup.agegroup) * Unique Constraint: combination of stfips and qwiid cannot be duplicated.			

qwidata This table contains summary quarterly workforce indicator (QWI) data.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code
qwiid	integer	Primary Key 1	Unique identifier for each record within each state
qwitype	char(2)	Primary Key 2	Code describing the type of QWI variable
qwivalue	numeric(16,2)		The value for the QWI variable
qwisup	char(1)	3	Code describing the suppression for the QWI value
Constraint Information			
1 Foreign Key (qwidata.stfips, qwidata.qwiid) references (qwichar.stfips, qwidata.qwiid)			
2 Foreign Key (qwidata.qwitype) references (qwitype.qwitype)			
3 Foreign Key (qwidata.qwisup) references (qwisup.qwisup)			

sales Revenue from retail sales.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1, 3	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.).
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
salestype	char(2)	Primary Key 3	Code describing the type of sales statistic. (e.g. Retail sales are coded 01)
sales	numeric(15)		Sales Dollar amount.
Constraint Information			
1 Foreign Key (sales.stfips, sales.areatype, sales.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (sales.periodyear, sales.periodtype, sales.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (sales.stfips, sales.salestype) references (salestyp.stfips, salestyp.salestype)			

schools			
This table contains one record for every training provider in the state. Each training provider will be identified by a code. The training provider will be coded by type - field 'insttype'.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,2	State FIPS code.
areatype	char(2)	1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
instcode	char(10)	Primary Key	Unique code representing the institution.
insttype	char(2)	2	Identifies the type of training institution (WIA Provider, vocational center, community college, university).
instown	char(1)	3	Institution ownership code.
instname1	varchar(80)		Primary name of the training institution.
instname2	varchar(80)		Secondary name of the training institution.
address1	varchar(35)		Address of the training institution.
address2	varchar(35)		Address of the training institution.
city	varchar(30)		City.
st	char(2)		State.
zip	char(5)		Postal zip code for the business address.
zipext	char(4)		Zipcode extension.
latitude	numeric(11,6)		Physical location – latitude
longitude	numeric(11,6)		Physical location – longitude
geocode	char(1)	4	Physical location – geocode precision level code. The precision of the longitude and latitude coordinates.
telephone	char(10)		Training institution telephone number.
teleext	varchar(10)		Training institution telephone extension.
fax	char(10)		Training institution fax number.
url	varchar(200)		Uniform Resource Locator.
contact	varchar(50)		Name of person to contact at the training institution.
Constraint Information			
1 Foreign Key (schools.stfips, schools.areatype, schools.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (schools.stfips, schools.insttype) references (insttype.stfips, insttype.insttype)			
3 Foreign Key (schools.instown) references (instown.instown)			
4. Foreign Key (schools.geocode) references (geocode.geocode)			

stfirms	Employer listing obtained from a state source, such as the ES-202. Each record contains the business information about one employer along with the area location, SIC and/or NAICS, size classification, and employment of the establishment. This table holds only one address.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,3,4	State FIPS code.
areatype	char(2)	1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
uiaccount	char(10)	Primary Key	A unique ten digit number assigned to individual employers.
reptunit	char(5)	Primary Key	Assigned to site locations for multi-unit employer.
yrqtr	char(6)		Year and quarter time stamp for the file
name1	varchar(35)		Legal name of the establishment.
name2	varchar(35)		Trade name of the establishment.
address1	varchar(35)		Business address of the establishment, line 1.
address2	varchar(35)		Business address of the establishment, line 2.
city	varchar(30)		City where the establishment is doing business.
st	char(2)		State where the establishment is doing business.
zip	char(5)		Postal zip code for the business address.
zipext	char(4)		Zipcode extention.
addressty	char(1)	6	Address type indicator (i.e. physical, mailing,...)
latitude	numeric(11,6)		Latitude of location.
longitude	numeric(11,6)		Longitude of location.
geocode	char(1)	7	Physical location – geocode precision level code. The precision of the longitude and latitude coordinates.
telephone	varchar(10)		Telephone number of the business.
teleext	varchar(10)		Telephone extention.
employment	numeric(8)		The number of people by establishment.
siccode	char(4)	2	A code used in the classification of establishments by type of activity in which they are engaged. This field is left justified and padded with zeroes. A siccode of 9999 means non-classifiable; industry not specified.
naicscode	char(6)	5	A code used in the North American Industry Classification System (NAICS).
axnaicscd	char(1)		Indicates if the NAICS code is an auxiliary NAICS code.
ownership	char(2)	3	Ownership is a two digit indicator that identifies the employer by public or private ownership. The second digit is for state use.
sizeclass	char(2)	4	Two digit code identifying the size of the establishment's workforce.
busdesc	varchar(4000)		A narrative description of the business activities of the establishment.
Constraint Information			
1 Foreign Key (stfirms.stfips, stfirms.areatype, stfirms.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (stfirms.siccode) references (siccode.siccode)			
3 Foreign Key (stfirms.stfips, stfirms.ownership) references (ownership.stfips, ownership.ownership)			
4 Foreign Key (stfirms.stfips, stfirms.sizeclass) references (sizeclas.stfips, sizeclas.sizeclass)			
5 Foreign Key (stfirms.naicscode) references (naiccode.naicscode)			
6 Foreign Key (stfirms.addressty) references (addresty.addressty)			

stfirms	Employer listing obtained from a state source, such as the ES-202. Each record contains the business information about one employer along with the area location, SIC and/or NAICS, size classification, and employment of the establishment. This table holds only one address.		
Column	Type	Constraint	Description
7. Foreign Key (stfirms.geocode) references (geocode.geocode)			

stindprj	This table contains short term employment projections for each of the identified industries and areas.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,2,3	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodid	char(2)	Primary Key 2	A two digit code identifying the type of period used.
matincode	char(10)	Primary Key 2	Industry matrix code from Micro Matrix.
estindst	numeric(9)		A numerical value representing a base year employment estimate for an industry.
projindst	numeric(9)		A value representing the projected year employment estimate for an industry.
nchg	numeric(9)		Numeric Change between the projected estimate and the base estimate.
grrate	numeric(7,4)		A value representing the annual average percentage growth rate. This value is calculated by dividing the Projected year by the Base year. Taking the results to the 1/n power, where n is the number of years in the projection period, subtracting 1 from the result and multiplying that result by 100. $(((\text{PROJINDST}/\text{ESTINDST})^{(1/n)} - 1) * 100)$
growcode	char(2)	3	A descriptor to allow for state specific interpretation of the industry or occupation.
suppress	char(1)		An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppressed
Constraint Information			
1 Foreign Key (stindprj.stfips, stindprj.areatype, stindprj.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (stindprj.stfips, stindprj.matincode, stindprj.periodid) references (inddir.stfips, inddir.matincode, inddir.periodid)			
3 Foreign Key (stindprj.stfips, stindprj.growcode) references (growcode.stfips, growcode.growcode)			

stoccpj This table contains short term occupational employment projections for each of the defined areas.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,2,3	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodid	char(2)	Primary Key 2	A two digit code identifying the type of period used.
matoccode	char(10)	Primary Key 2	Occupation matrix code from Micro Matrix. For codes not 10 characters long, left justify and blank (ASCII 32) fill.
estocst	numeric(9)		A numerical value representing a base year employment estimate for an occupation.
projocst	numeric(9)		A value representing the projected year employment estimate for an occupation.
nchg	numeric(9)		Numeric Change between the projected estimate and the base estimate.
grrate	numeric(7,4)		A value representing the annual average percentage growth rate. <i>This value is calculated by dividing the Projected year by the Base year. Taking the results to the 1/n power, where n is the number of years in the projection period, subtracting 1 from the result and multiplying that result by 100.</i> $(((PROJOCST/ESTOCST)^{(1/n)} - 1) * 100)$
aopeng	numeric(9)		A value representing the annual average openings due to growth. The value is calculated by subtracting the Base Year Employment estimate from the Projected Year Employment estimate, then dividing by the number of years in the projection period. (PROJOCST-ESTOCST/No. years.) Warning: this formula may need to be modified depending on the projection time span.
aopenr	numeric(9)		A value representing the annual average openings due to replacement. The value is calculated by dividing the total openings due to replacements (in the projection period) by the number of years in the Projection Period.
aopent	numeric(9)		A value representing the total annual average openings.
growcode	char(2)	3	A descriptor to allow for state specific interpretation of the industry or occupation.
suppress	char(1)		An indicator that the record contains confidential data that must be suppressed for public use. 0 = Not Suppressed 1 = Suppressed
Constraint Information			
1 Foreign Key (stoccpj.stfips, stoccpj.areatype, stoccpj.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (stoccpj.stfips, stoccpj.matoccode, stoccpj.periodid) references (occdir.stfips, occdir.matoccode, occdir.periodid)			
3 Foreign Key (stoccpj.stfips, stoccpj.growcode) references (growcode.stfips, growcode.growcode)			

supply Completer data for all occupational training providers in the state.																									
Column	Type	Constraint	Description																						
stfips	char(2)	Primary Key 1, 3, 5, 6	State FIPS code.																						
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.																						
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.																						
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).																						
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)																						
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.																						
insttype	char(2)	Primary Key 3	Identifies the type of training institution (WIA Provider, vocational center, community college, university).																						
instown	char(1)	Primary Key 4	Institution ownership code.																						
codetype	char(2)	Primary Key 6	Code describing the type of occupation or training code.																						
code	char(10)	Primary Key 6	The classification code used by the state for this data element. This code could be DOT, OES, CIP, Cluster, SOC, Census, etc. For codes not 10 characters long, left justify and blank (ASCII 32) fill.																						
comptype	char(2)	Primary Key 5	A two digit code representing type of program completer. (e.g. Completers with Associates Degree are coded as 03)																						
completers	numeric(8)		Number of program completers.																						
Constraint Information																									
<p>1 Foreign Key (supply.stfips, supply.areatype, supply.area) references (geog.stfips, geog.areatype, geog.area)</p> <p>2 Foreign Key (supply.periodyear, supply.periodtype, supply.period) references (period.periodyear, period.periodtype, period.period)</p> <p>3 Foreign Key (supply.stfips, supply.insttype) references (insttype.stfips, insttype.insttype)</p> <p>4 Foreign Key (supply.instown) references (instown.instown)</p> <p>5 Foreign Key (supply.stfips, supply.comptype) references (comptyp.stfips, comptyp.comptype)</p> <p>6 Foreign Key (supply.stfips, supply.codetype, supply.code) references (occcodes.stfips, occcodes.codetype, occcodes.code)</p>																									
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tax Revenues from taxes			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,3	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.).
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
taxtype	char(2)	Primary Key 3	A two digit code identifying type of tax.
taxrevenue	numeric(15)		Tax revenues.
Constraint Information			
1 Foreign Key (tax.stfips, tax.areatype, tax.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (tax.periodyear, tax.periodtype, tax.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (tax.stfips, tax.taxtype) references (taxtype.stfips, taxtype.taxtype)			

uiclaims This table contains the numbers of Unemployment Insurance Claims for the selected area.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1, 3, 4, 5	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.).
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.
claimtype	char(1)	Primary Key	Code describing the type of claim. 1 = Initial 2 = Continued 9 = Unknown
occodetype	char(2)	Primary Key 3	Code describing the type of occupational code.
occcode	char(10)	Primary Key 3	The occupational classification code used by the state for this data element. This code could be DOT, OES, SOC, Census, etc. For codes not 10 characters long, left justify and blank (ASCII 32) fill.
indcodty	char(2)	Primary Key 4	Code describing the type of industry classification code.
indcode	char(6)	Primary Key 4	The industry classification code used by the state for this data element. This code could be SIC or NAICS. For codes not 6 characters long, left justify and blank (ASCII 32) fill.
agegroup	char(2)	Primary Key 5	Code identifying the age group.
raceethn	char(5)	Primary Key 6	Code indicating ethnicity and race of claimants.
gender	char(1)	Primary Key 7	Gender code.
claimants	numeric(8)		Number of UI claimants.
duration	numeric(4,1)		Average number of weeks of current unemployment.
Constraint Information			
1 Foreign Key (uiclaims.stfips, uiclaims.areatype, uiclaims.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (uiclaims.periodyear, uiclaims.periodtype, uiclaims.period) references (period.periodyear, period.periodtype, period.period)			
3 Foreign Key (uiclaims.stfips, uiclaims.occodetype, uiclaims.occcode) references (occcodes.stfips, occcodes.codetype, occcodes.code)			

uiclaims This table contains the numbers of Unemployment Insurance Claims for the selected area.

Column	Type	Constraint	Description
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<u>Note:</u>	<u>If occodetype is:</u>	<u>Then occode refers to a:</u>
	01.....	Cluster code
	02.....	OES code
	03.....	CIP code
	04.....	DOT code
	06.....	Census code
	07.....	CIDS code
	08.....	SOC code
	09.....	State specific code
	12.....	O*NET code
	13.....	Micro Matrix code

4 Foreign Key (uiclaims.stfips, uiclaims.indcodty, uiclaims.indcode) references (indcodes.stfips, indcodes.codetype, indcodes.code)

<u>Note:</u>	<u>If indcodty is:</u>	<u>Then indcode refers to a:</u>
	05.....	SIC code
	10.....	NAICS code

5 Foreign Key (uiclaims.stfips, uiclaims.agegroup) references (agegroup.stfips, agegroup.agegroup)

6 Foreign Key (uiclaims.raceethn) references (raceethn.raceethn)

7 Foreign Key (uiclaims.gender) references (gender.gender)

url This table contains a unique listing of uniform resource locators.			
Column	Type	Constraint	Description
urlid	char(5)	Primary Key	Unique identifier of the uniform resource locator.
url	varchar(200)		Uniform resource locator for the site.
urlname	varchar(100)		Name of uniform resource locator site.
urldesc	varchar(4000)		Description of uniform resource locator site.
Constraint Information			
N/A			

urllinks This table contains a listing of areas the uniform resource locators are associated with.			
Column	Type	Constraint	Description
urlid	char(5)	Primary Key 2	Unique identifier of the uniform resource locator.
stfips	char(2)	Primary Key 1,3	State FIPS code.
areatype	char(2)	1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
urltopic	char(3)	3	Uniform resource locator topic for the site.
Constraint Information			
1 Foreign Key (urllinks.stfips, urllinks.areatype, urllinks.area) references (geog.stfips, geog.areatype, geog.area)			
2 Foreign Key (urllinks.urlid) references (url.urlid)			
3 Foreign Key (urllinks.stfips, urllinks.urltopic) references (urltopic.stfips, urltopic.urltopic)			

wage This table contains one record for each source of wage data by occupation.									
Column	Type	Constraint	Description						
stfips	char(2)	Primary Key 1,3,4,5,7,8	State FIPS code.						
areatype	char(2)	Primary Key 1	Code describing type of geographic area : e.g. county, service delivery area, MSA.						
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.						
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).						
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.).						
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.						
indcodty	char(2)	Primary Key 3	Code describing the industry code type.						
indcode	char(6)	Primary Key 3	A code used in the classification of establishments by type of activity in which they are engaged. For codes not 6 characters long, left justify and blank (ASCII 32) fill. Either SIC or NAICS code can be used. A siccode of 9999 means non-classifiable; industry not specified.						
occodetype	char(2)	Primary Key 4	Code describing the type of occupational code.						
occcode	char(10)	Primary Key 4	The occupational classification code code used by the state for this data element. This code could be DOT, OES, SOC, CENSUS, etc. For codes not 10 characters long, left justify and blank (ASCII 32) fill.						
wagesource	char(1)	Primary Key 5	A code representing the source of wage data.						
ratetype	char(1)	Primary Key 6	Code which identifies the type of wage rate.						
leveltype	char(1)	Primary Key 7	The code identifying the type of wage level.						
statype	char(2)	Primary Key 8	Statistical Type identifies the statistical measurement of the occupational wage.						
wage	numeric(9,2)		A numerical value representing the wage paid for an occupation.						
respondent	numeric(6)		Number of respondents that data were collected from.						
empcount	numeric(7)		Total employment.						
Constraint Information									
<p>1 Foreign Key (wage.stfips, wage.areatype, wage.area) references (geog.stfips, geog.areatype, geog.area)</p> <p>2 Foreign Key (wage.periodyear, wage.periodtype, wage.period) references (period.periodyear, period.periodtype, period.period)</p> <p>3 Foreign Key (wage.stfips, wage.indcodty, wage.indcode) references (indcodes.stfips, indcodes.codetype, indcodes.code)</p> <p style="text-align: center;"><u>Note:</u></p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>If indcodty is:</u></td> <td style="text-align: center;"><u>Then indcode refers to a:</u></td> </tr> <tr> <td style="text-align: center;">05.....</td> <td style="text-align: center;">SIC code</td> </tr> <tr> <td style="text-align: center;">10.....</td> <td style="text-align: center;">NAICS code</td> </tr> </table> <p>4 Foreign Key (wage.stfips, wage.occodetype, wage.occcode) references (occcodes.stfips, occcodes.codetype, occcodes.code)</p>				<u>If indcodty is:</u>	<u>Then indcode refers to a:</u>	05.....	SIC code	10.....	NAICS code
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wage This table contains one record for each source of wage data by occupation.			
Column	Type	Constraint	Description
		<u>Note:</u>	<u>If occodetype is:</u>
			<u>Then occcode refers to a:</u>
		01.....	Cluster code
		02.....	OES code
		03.....	CIP code
		04.....	DOT code
		06.....	Census code
		07.....	CIDS code
		08.....	SOC code
		09.....	State specific code
		12.....	O*NET code
		13.....	Micro Matrix code
5 Foreign Key (wage.stfips, wage.wagesource) references (wgsourcesource.stfips, wgsourcesource.wagesource)			
6 Foreign Key (wage.ratetype) references (ratetype.ratetype)			
7 Foreign Key (wage.stfips, wage.leveltype) references (leveltype.stfips, leveltype.leveltype)			
8 Foreign Key (wage.stfips, wage.stattype) references (stattypesource.stfips, stattypesource.stattype)			

workstop This table contains data on work stoppages (strikes or lock-outs).									
Column	Type	Constraint	Description						
stfips	char(2)	Primary Key 1, 3, 4	State FIPS code.						
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.						
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.						
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).						
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)						
period	char(2)	Primary Key 2	Period Code. Will be set to '00' where periodtype is annual.						
indcodty	char(2)	Primary Key 3	Code describing the type of industry code.						
indcode	char(6)	Primary Key 3	The industry classification code used by the state for this data element. This code could be SIC or NAICS. For codes not 6 characters long, left justify and blank (ASCII 32) fill.						
ownership	char(2)	Primary Key 4	Ownership is a two digit indicator that identifies the employer by public or private ownership. The second digit is for state use.						
stopstatus	char(1)	Primary Key	'1' = new '2' = ongoing						
firms	numeric(4)		The number of companies in which work stoppage occurs.						
workers	numeric(10)		The number of workers involved in the stoppage.						
daysidle	numeric(6)		Estimated days that workers involved in stoppage have been idle (working time lost).						
Constraint Information									
1 Foreign Key (workstop.stfips, workstop.areatype, workstop.area) references (geog.stfips, geog.areatype, geog.area)									
2 Foreign Key (workstop.periodyear, workstop.periodtype, workstop.period) references (period.periodyear, period.periodtype, period.period)									
3 Foreign Key (workstop.stfips, workstop.indcodty, workstop.indcode) references (indcodes.stfips, indcodes.codetype, indcodes.code)									
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4 Foreign Key (workstop.stfips, workstop.ownership) references (ownership.stfips, ownership.ownership)									

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CROSSWALK TABLES

cidsxcip			
This table contains a mapping between Career Information Delivery System codes and Classification of Instructional Program codes.			
Column	Type	Constraint	Description
cidscode	char(9)	Primary Key 1	A nine digit code assigned to the Career Information Delivery System occupational title.
cipcode	char(10)	Primary Key 2	A ten digit code assigned to the Classification of Instructional Programs (CIP) program title.
Constraint Information			
1 Foreign Key (cidsxcip.cidscode) references (cidscode.cidscode)			
2 Foreign Key (cidsxcip.cipcode) references (cipcode.cipcode)			

clsxproj	This table contains a listing of occupation codes that have been assigned to a Cluster and the percentage of that occupation code's employment that can be attributed to the associated Cluster.																								
Column	Type	Constraint	Description																						
stfips	char(2)	Primary Key 1,2,3	State FIPS code.																						
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.																						
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.																						
cluscode	char(10)	Primary Key 2	Code assigned to the cluster from the State Units of Analysis.																						
occodetype	char(2)	Primary Key 3	Code describing the occupational code.																						
occcode	char(10)	Primary Key 3	The occupational classification code used by the state for this data element. This code could be DOT, OES, SOC, Census, etc. For codes not 10 characters long, left justify and blank (ASCII 32) fill.																						
alloc	numeric(5,2)		Percentage of the occupation code's employment that can be attributed to this Cluster.																						
Constraint Information																									
<p>1 Foreign Key (clsxproj.stfips, clsxproj.areatype, clsxproj.area) references (geog.stfips, geog.areatype, geog.area)</p> <p>2 Foreign Key (clsxproj.stfips, clsxproj.cluscode) references (cluscode.stfips, cluscode.cluscode)</p> <p>3 Foreign Key (clsxproj.stfips, clsxproj.occodetype, clsxproj.occcode) references (occcodes.stfips, occcodes.codetype, occcodes.code)</p>																									
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clsxsupl This table contains a listing of training program codes and completer types from that training program that have been assigned to a Cluster.																									
Column	Type	Constraint	Description																						
stfips	char(2)	Primary Key 1, 2, 3, 5	State FIPS code.																						
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.																						
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.																						
periodyear	char(4)	Primary Key 4	Character representation of calendar year (e.g. 1996).																						
periodtype	char(2)	Primary Key 4	Code describing type of period (e.g. annual, quarterly, monthly, etc.)																						
period	char(2)	Primary Key 4	Period Code. Will be set to '00' where periodtype is annual.																						
cluscode	char(10)	Primary Key 2	Code assigned to the cluster from the State Units of Analysis.																						
codetype	char(2)	Primary Key 5	Code describing the type of occupation or training code.																						
code	char(10)	Primary Key 5	The classification code used by the state for this data element. This code could be DOT, OES, CIP, Cluster, SOC, Census, etc. For codes not 10 characters long, left justify and blank (ASCII 32) fill.																						
comptype	char(2)	Primary Key 3	Two digit code representing the type of program completer.																						
Constraint Information																									
<p>1 Foreign Key (clsxsupl.stfips, clsxsupl.areatype, clsxsupl.area) references (geog.stfips, geog.areatype, geog.area)</p> <p>2 Foreign Key (clsxsupl.stfips, clsxsupl.cluscode) references (cluscode.stfips, cluscode.cluscode)</p> <p>3 Foreign Key (clsxsupl.stfips, clsxsupl.comptype) references (comptyp.stfips, comptyp.comptype)</p> <p>4 Foreign Key (clsxsupl.periodyear, clsxsupl.periodtype, clsxsupl.period) references (period.periodyear, period.periodtype, period.period)</p> <p>5 Foreign Key (clsxsupl.stfips, clsxsupl.codetype, clsxsupl.code) references (occcodes.stfips, occcodes.codetype, occcodes.code)</p>																									
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dotxcip	This table contains one record for each DOT-to-CIP relationship.		
Column	Type	Constraint	Description
dotcode	char(9)	Primary Key 1	A nine digit code assigned to the Dictionary of Occupational Titles (DOT) occupational title.
cipcode	char(10)	Primary Key 2	A ten digit code assigned to the Classification of Instructional Programs (CIP) program title.
Constraint Information			
1 Foreign Key (dotxcip.dotcode) references (dotcode.dotcode)			
2 Foreign Key (dotxcip.cipcode) references (cipcode.cipcode)			

dotxonet	This table contains one record for each DOT-to-O*NET relationship.		
Column	Type	Constraint	Description
dotcode	char(9)	Primary Key 1	A nine digit code assigned to the Dictionary of Occupational Titles (DOT) occupational title.
onetcode	char(8)	Primary Key 2	A six or eight digit code* assigned to the Occupational Information Network (O*NET) occupational title. For codes not 8 characters long, left justify and blank (ASCII 32) fill.
Constraint Information			
1 Foreign Key (dotxonet.dotcode) references (dotcode.dotcode)			
2 Foreign Key (dotxonet.onetcode) references (onetcode.onetcode*)			
* Length of code depends on which version of O*NET codes you are using.			

eeo1xcens	This table contains one record for every equal employment opportunity (eeo) 1 category to 2000 census code relationship. EEO 1 categories are primarily used by private industry.		
column	type	constraint	description
eeo1cat	char(2)	Primary Key 1	A two digit code assigned to EEO-1 Job Categories
censcode	char(3)	Primary Key 2	A three digit code assigned to the Census occupational title
constraint information			
1 Foreign Key (eeo1xcens.eeo1cat) references (eeo1cat.eeo1cat)			
2 Foreign Key (eeo1xcens.censcode) references (censcode.censcode)			

eeosxcens	This table contains one record for every equal employment opportunity (eeo) state and local category to 2000 census code relationship. Because the EEO State and Local classification system breaks out Protective Services, it is used by State and Local Government entities.		
column	type	constraint	description
eeostloc	char(2)	Primary Key 1	A two digit code assigned to EEO State and Local Job Categories
censcode	char(3)	Primary Key 2	A three digit code assigned to the Census occupational title
constraint information			
1 Foreign Key (eeosxcens.eeostloc) references (eeostloc.eeostloc)			
2 Foreign Key eeosxcens.censcode references (censcode.censcode)			

layxocc This table contains one record for each lay title and the associated occupation codes.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,2	State FIPS code.
occodetype	char(2)	Primary Key 2	Code describing the occupational code.
occcode	char(10)	Primary Key 2	The occupational classification code used by the state for this data element. This code could be DOT, OES, SOC, Census, etc. For codes not 10 characters long, left justify and blank (ASCII 32) fill.
laytlcode	char(5)	Primary Key 3	Code associated with a particular lay title.
Constraint Information			
1 Foreign Key (layxocc.stfips) references (stfipstb.stfips)			
2 Foreign Key (layxocc.stfips, layxocc.occodetype, layxocc.occcode) references (occcodes.stfips, occcodes.codetype, occcodes.code)			
3 Foreign Key (layxocc.laytlcode) references (laytitle.laytlcode)			
<p style="text-align: center;"><u>Note:</u> <u>If occodetype is:</u> <u>Then occcode refers to a:</u></p> <p style="text-align: center;">01..... Cluster code</p> <p style="text-align: center;">02..... OES code</p> <p style="text-align: center;">03..... CIP code</p> <p style="text-align: center;">04..... DOT code</p> <p style="text-align: center;">06..... Census code</p> <p style="text-align: center;">07..... CIDS code</p> <p style="text-align: center;">08..... SOC code</p> <p style="text-align: center;">09..... State specific code</p> <p style="text-align: center;">12..... O*NET code</p>			

licxocc This table contains links between state licenses and occupations.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,2,3	State FIPS code.
licenseid	char(10)	Primary Key 2	A code that identifies the license for the specific occupational title.
occodetype	char(2)	Primary Key 3	Code for Occupation code type.
occcode	char(10)	Primary Key 3	Occupation code.
Constraint Information			
<p>1 Foreign Key (licxocc.stfips) references (stfipstb.stfips) 2 Foreign Key (licxocc.stfips, licxocc.licenseid) references (license.stfips, license.licenseid) 3 Foreign Key (licxocc.stfips, licxocc.occodetype, licxocc.occcode) references (occcodes.stfips, occcodes.codetype, occcodes.code)</p> <p style="text-align: center;"><u>Note:</u> <u>If occodetype is:</u> <u>Then occcode refers to a:</u></p> <p style="text-align: center;">01..... Cluster code 02..... OES code 03..... CIP code 04..... DOT code 06..... Census code 07..... CIDS code 08..... SOC code 09..... State specific code 12..... O*NET</p>			

matxnaic This table crosswalks Micro Matrix industry codes to NAICS codes.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,3	State FIPS code.
matincode	char(10)	Primary Key 1	Industry matrix code from Micro Matrix.
periodid	char(2)	Primary Key 1	A two digit code identifying the type of period used.
naicscode	char(6)	Primary Key 2	A six-digit code used in the North American Industry Classification System (NAICS).
subtot	char(1)	3	Sum level of the information.
Constraint Information			
1 Foreign Key (matxnaic.stfips, matxnaic.matincode, matxnaic.periodid) references (inddir.stfips, inddir.matincode, inddir.periodid)			
2 Foreign Key (matxnaic.naicscode) references (naiccode.naicscode)			
3 Foreign Key (matxnaic.stfips, matxnaic.subtot) references (indsub.stfips, indsub.subtot)			

matxoes This table crosswalks Micro Matrix occupation codes to OES codes.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,3	State FIPS code.
matocode	char(10)	Primary Key 1	Occupation matrix code from Micro Matrix. For codes not 10 characters long, left justify and blank (ASCII 32) fill.
periodid	char(2)	Primary Key 1	A two digit code identifying the type of period used.
oescode	char(5)	Primary Key 2	A five digit code assigned to the Occupation Employment Statistics (OES) occupational title.
subtot	char(1)	3	Sum level of the information.
Constraint Information			
1 Foreign Key (matxoes.stfips, matxoes.matocode, matxoes.periodid) references (occdir.stfips, occdir.matocode, occdir.periodid)			
2 Foreign Key (matxoes.oescode) references (oescode.oescode)			
3 Foreign Key (matxoes.stfips, matxoes.subtot) references (occsb.stfips, occsub.subtot)			

matxsic This table crosswalks Micro Matrix industry codes to SIC codes.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,3	State FIPS code.
matincode	char(10)	Primary Key 1	Industry matrix code from Micro Matrix.
periodid	char(2)	Primary Key 1	A two digit code identifying the type of period used.
siccode	char(4)	Primary Key 2	A code used in the classification of establishments by type of activity in which they are engaged. This field is left justified and padded with zeroes. A siccode of 9999 means non-classifiable; industry not specified.
subtot	char(1)	3	Sum level of the information.
Constraint Information			
1 Foreign Key (matxsic.stfips, matxsic.matincode, matxsic.periodid) references (inddir.stfips, inddir.matincode, inddir.periodid)			
2 Foreign Key (matxsic.siccode) references (siccode.siccode)			
3 Foreign Key (matxsic.stfips, matxsic.subtot) references (indsub.stfips, indsub.subtot)			

matxsoc This table crosswalks Micro Matrix occupation codes to SOC codes.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1,3	State FIPS code.
matocode	char(10)	Primary Key 1	Occupation matrix code from Micro Matrix. For codes not 10 characters long, left justify and blank (ASCII 32) fill.
periodid	char(2)	Primary Key 1	A two digit code identifying the type of period used.
socode	char(6)	Primary Key 2	A six-digit code assigned to a Standard Occupational Classification (SOC) occupational title.
subtot	char(1)	3	Sum level of the information.
Constraint Information			
1 Foreign Key (matxsoc.stfips, matxsoc.matocode, matxsoc.periodid) references (occdir.stfips, occdir.matocode, occdir.periodid)			
2 Foreign Key (matxsoc.socode) references (socode.socode)			
3 Foreign Key (matxsoc.stfips, matxsoc.subtot) references (occsb.stfips, occsb.subtot)			

mocxsoc	This table contains one record for each Military Occupational Classification (MOC) to Standard Occupational Classification (SOC) relationship.		
Column	Type	Constraint	Description
svc	char(1)	Primary Key 1	Service Branch.
mpc	char(1)	Primary Key 1	Military Personnel Category.
status	char(1)	Primary Key 1	Military Occupation Status A = Active occupation O = Obsolete occupation
mocode	char(10)	Primary Key 1	A ten digit Military Occupational Classification.
socode	char(6)	Primary Key 2	A six-digit code assigned to the Standard Occupational Classification (SOC) occupational title.
Constraint Information			
1 Foreign Key (mocxsoc.svc, mocxsoc.mpc, mocxsoc.status, mocxsoc.mocode) references (mocode.svc, mocode.mpc, mocode.status, mocode.mocode)			
2 Foreign Key (mocxsoc.socode) references (socode.socode)			

oesxcens	An OES-to-Census code crosswalk.		
Column	Type	Constraint	Description
oescode	char(5)	Primary Key 1	A five digit code assigned to the Occupational Employment Statistics (OES) occupational title.
censcode	char(3)	Primary Key 2	A three digit code assigned to the Census occupational title.
Constraint Information			
1 Foreign Key (oesxcens.oescode) references (oescode.oescode)			
2 Foreign Key (oesxcens.censcode) references (censcode.censcode)			

oesxcids	This table contains one record for each OES-to-CIDS relationship.		
Column	Type	Constraint	Description
oescode	char(5)	Primary Key 1	A five digit code assigned to the Occupational Employment Statistics (OES) occupational title.
cidscode	char(9)	Primary Key 2	A nine digit code assigned to the Career Information Delivery System occupational title.
Constraint Information			
1 Foreign Key (oesxcids.oescode) references (oescode.oescode)			
2 Foreign Key (oesxcids.cidscode) references (cidscode.cidscode)			

oesxcip This table contains one record for each OES-to-CIP or CIP-to-OES relationship.			
Column	Type	Constraint	Description
oescode	char(5)	Primary Key 1	A five digit code assigned to the Occupational Employment Statistics (OES) occupational title.
cipcode	char(10)	Primary Key 2	A ten digit code assigned to a Classification of Instructional Programs (CIP) program title.
Constraint Information			
1 Foreign Key (oesxcip.oescode) references (oescode.oescode)			
2 Foreign Key (oesxcip.cipcode) references (cipcode.cipcode)			

oesxdot This table contains one record for each OES-to-DOT relationship.			
Column	Type	Constraint	Description
oescode	char(5)	Primary Key 1	A five digit code assigned to the Occupational Employment Statistics (OES) occupational title.
dotcode	char(9)	Primary Key 2	A nine digit code assigned to a Dictionary of Occupational Titles (DOT) occupational title.
Constraint Information			
1 Foreign Key (oesxdot.oescode) references (oescode.oescode)			
2 Foreign Key (oesxdot.dotcode) references (dotcode.dotcode)			

oesxjob This table contains one record for each OES-to-Job Family relationship.			
Column	Type	Constraint	Description
oescode	char(5)	Primary Key 1	A five digit code assigned to the Occupational Employment Statistics (OES) occupational title.
jobfamily	char(2)	Primary Key 2	Job Family code.
Constraint Information			
1 Foreign Key (oesxjob.oescode) references (oescode.oescode)			
2 Foreign Key (oesxjob.jobfamily) references (jobfamily.jobfamily)			

oesxonet This table contains one record for each OES-to-O*NET relationship.			
Column	Type	Constraint	Description
oescode	char(5)	Primary Key 1	A five digit code assigned to the Occupational Employment Statistics (OES) occupational title.
onetcode	char(8)	Primary Key 2	A six or eight digit code* assigned to the Occupational Information Network (O*NET) occupational title. For codes not 8 characters long, left justify and blank (ASCII 32) fill.
Constraint Information			
1 Foreign Key (oesxonet.oescode) references (oescode.oescode)			
2 Foreign Key (oesxonet.onetcode) references (onetcode.onetcode*)			
* Length of code depends on which version of O*NET codes you are using.			

oesxsoc This table contains one record for each OES-to-SOC relationship.			
Column	Type	Constraint	Description
oescode	char(5)	Primary Key 1	A five-digit code assigned to the Occupational Employment Statistics (OES) occupational title.
soccode	char(6)	Primary Key 2	A six-digit code assigned to a Standard Occupational Classification (SOC) occupational title.
Constraint Information			
1 Foreign Key (oesxsoc.oescode) references (oescode.oescode)			
2 Foreign Key (oesxsoc.soccode) references (soccode.soccode)			

sicxnaic This table contains one record for each SIC-to-NAICS code relationship.			
Column	Type	Constraint	Description
siccode	char(4)	Primary Key 1	A code used in the classification of establishments by type of activity in which they are engaged. This field is left justified and padded with zeroes. A siccode of 9999 means non-classifiable; industry not specified.
naicscode	char(6)	Primary Key 2	A code used in the North American Industry Classification System (NAICS).
Constraint Information			
1 Foreign Key (sicxnaic.siccode) references (siccode.siccode)			
2 Foreign Key (sicxnaic.naicscode) references (naicscode.naicscode)			

socxcens A SOC-to-Census code crosswalk.			
Column	Type	Constraint	Description
socode	char(6)	Primary Key 1	A six-digit code assigned to the Standard Occupational Classification (SOC) occupational title.
censcode	char(3)	Primary Key 2	A three digit code assigned to the Census occupational title.
Constraint Information			
1 Foreign Key (socxcens.socode) references (socode.socode)			
2 Foreign Key (socxcens.censcode) references (censcode.censcode)			

socxcids This table contains one record for each SOC-to-CIDS relationship.			
Column	Type	Constraint	Description
socode	char(6)	Primary Key 1	A six-digit code assigned to the Standard Occupational Classification (SOC) occupational title.
cidscode	char(9)	Primary Key 2	A nine digit code assigned to the Career Information Delivery System occupational title.
Constraint Information			
1 Foreign Key (socxcids.socode) references (socode.socode)			
2 Foreign Key (socxcids.cidscode) references (cidscode.cidscode)			

socxcip This table contains one record for each SOC-to-CIP or CIP-to-SOC relationship.			
Column	Type	Constraint	Description
socode	char(6)	Primary Key 1	A six-digit code assigned to the Standard Occupational Classification (SOC) occupational title.
cipcode	char(10)	Primary Key 2	A ten digit code assigned to a Classification of Instructional Programs (CIP) program title.
Constraint Information			
1 Foreign Key (socxcip.socode) references (socode.socode)			
2 Foreign Key (socxcip.cipcode) references (cipcode.cipcode)			

socxdot This table contains one record for each SOC-to-DOT relationship.			
Column	Type	Constraint	Description
soccode	char(6)	Primary Key 1	A six-digit code assigned to the Standard Occupational Classification (SOC) occupational title.
dotcode	char(9)	Primary Key 2	A nine-digit code assigned to a Dictionary of Occupational Titles (DOT) occupational title.
Constraint Information			
1 Foreign Key (socxdot.soccode) references (soccode.soccode)			
2 Foreign Key (socxdot.dotcode) references (dotcode.dotcode)			

socxjob This table contains one record for each SOC-to-Job Family relationship.			
Column	Type	Constraint	Description
soccode	char(6)	Primary Key 1	A six-digit code assigned to the Standard Occupational Classification (SOC) occupational title.
jobfamily	char(2)	Primary Key 2	Job Family code.
Constraint Information			
1 Foreign Key (socxjob.soccode) references (soccode.soccode)			
2 Foreign Key (socxjob.jobfamily) references (jobfamily.jobfamily)			

socxonet This table contains one record for each SOC-to-O*NET relationship.			
Column	Type	Constraint	Description
soccode	char(6)	Primary Key 1	A six-digit code assigned to the Standard Occupational Classification (SOC) occupational title.
onetcode	char(8)	Primary Key 2	A six or eight digit code* assigned to the Occupational Information Network (O*NET) occupational title. For codes not 8 characters long, left justify and blank (ASCII 32) fill.
Constraint Information			
1 Foreign Key (socxonet.soccode) references (soccode.soccode)			
2 Foreign Key (socxonet.onetcode) references (onetcode.onetcode*)			
* Length of code depends on which version of O*NET codes you are using.			

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FIELD VALUES

Field Name	Value	Tables Referenced
adressty	1 = Physical address from 202 2 = Mailing address/other from 202 3 = UI Address from 202 4 = OES address (WARNING: BECAUSE ADDRESS TYPE IS NOT PART OF THE KEY IT IS POSSIBLE TO LOSE UPDATED OES DATA WITH THE IMPORT OF NEW DATA)	adressty stfirms
agegroup	00 = Total, all ages 01 = Under 1 year 02 = 1 to 2 years 03 = 3 to 4 years 04 = 5 years 05 = 6 years 06 = 7 to 9 years 07 = 10 to 11 years 08 = 12 to 13 years 09 = 14 years 10 = 15 years 11 = 16 years 12 = 17 years 13 = 18 years 14 = 19 years 15 = 20 years 16 = 21 years 17 = 22 to 24 years 18 = 25 to 29 years 19 = 30 to 34 years 20 = 35 to 39 years 21 = 40 to 44 years 22 = 45 to 49 years 23 = 50 to 54 years 24 = 55 to 59 years 25 = 60 to 61 years 26 = 62 to 64 years 27 = 65 to 69 years 28 = 70 to 74 years 29 = 75 to 79 years 30 = 80 to 84 years 31 = 85 years and over 32 = 16 years and over 33 = 16 to 24 years 34 = 16 to 17 years 35 = 18 to 19 years 36 = 20 to 24 years 37 = 25 years and over 38 = 25 to 54 years 39 = 55 years and over 40 = Under 22 41 = 25 to 34	agegroup esapplic1 mls qwichar uiclaims

Field Name	Value	Tables Referenced
	42 = 35 to 44 43 = 45 to 54 44 = 60 to 64 45 = 65 years and over 46 = 14 to 18 47 = 19 to 21 48 = 55 to 64 49 = 14 years and over 99 = Unknown 50-70 = State-specified	
annsalflg	1 = Collected 2 = Estimated	annsalflg empdb
annsalrng	A = 1 – 499 (all ranges in thousands) B = 500 – 999 C = 1000 – 2499 D = 2500 – 4999 E = 5000 – 9999 F = 10,000 - 19,999 G = 20,000 - 49,999 H = 50,000 - 99,999 I = 100,000 - 499,999 J = 500,000 - 999,999 K = 1,000,000+	annslrng empdb
areatype	00 = US 01 = State 02 = MSA 03 = SDA 04 = County 05 = Minor Civil Division 06 = BLS Region 07 = Broad Geographic Area (BGA) 08 = Economic Development Region 09 = Planning Region 10 = Labor Market Area 11 = City 12 = Town 13 = Township 14 = Municipality/Suburb 15 = Workforce Investment Region 16 = One Stop Area 17 = Workforce Development Area 18 = Job Center Area 19 = Congressional District 20 = Census Places 21 = Metropolitan Statistical Area * 22 = Micropolitan Statistical Area * 23 = Metropolitan Division * 24 = Combined Statistical Area* 30 = Balance of State	analysis areatype bed blding cenlabor ces clsxproj clsxsupl commute cpi develop eeolabfac eeolabfor eeoocc eeopop empdb esapplic1 esdata geog income indprj indsum industry iomatrix jvs labforce licauth

Field Name	Value	Tables Referenced
	50 – 70 = State-Defined Area * Core based statistical areas subject to annual revision	license lichist maplist mls mlsclaim mlsevent occprj oeswage payment populatn progcomp programs propval qwichar sales schools stfirms stindprj stocprj subgeog supply tax uiclaims urllinks wage workstop
bedtypecode	0 = Total net change 1 = Job gains due to expanding establishments 2 = Job gains due to opening establishments 3 = Total job gains 4 = Job losses due to contracting establishments 5 = Job losses due to closing establishments 6 = Total job losses	bed bedtypes
benefit	0 = All Benefit Categories 1 = Benefit Category 1 2 = Benefit Category 2 3 = Benefit Category 3 4 = Benefit Category 4 5 = No Benefits 9 = Unknown	benefit jvsaddit
certreq	0 = Both 1 = Certificate Required 2 = No Certificate Required	jvsaddit
ciplevel	2 = 2-digit CIP 4 = 4-digit CIP 6 = 6-digit CIP	cipcode
clusgrade	1 = Excellent 2 = Very Good 3 = Good/Favorable	analysis clusgrad

Field Name	Value	Tables Referenced
	4 = Competitive 5 = Very Competitive 6 = Ungraded/unassigned	
codetype	01 = Cluster 02 = OES 03 = CIP 04 = DOT 05 = SIC 06 = Census 07 = CIDS 08 = SOC 09 = State specific 10 = NAICS 11 = MOS 12 = O*NET 13 = MicroMatrix 99 = Not Available	bed* clsxproj** clsxsupl** develop* esapplic** esdata** indcodes indtypes industry* laytxocc** licxocc** mls* occcodes occtypes oeswage*/ ** progcomp** programs** stprogcd supply** uiclaims*/ ** wage*/ ** workstop* * field=indcodty ** field=occtype
comptype	00 = Sum of all types (Aggregate of all Completer Types) 01 = Postsec. Awards/Cert./Diplomas; < 1 yr. 02 = Postsec. Awards/Cert./Diplomas; 1-2 yrs. 03 = Associate's Degree 04 = Postsec. Awards/Cert./Diplomas; 2-4 yrs. 05 = Bachelor's Degree 06 = Postbaccalaureate Certificates 07 = Master's Degree 08 = Post-Master's Certificates 09 = Doctor's Degrees 10 = First-professional Degrees 11 = First-professional Cert. (Post-Degree) 17 = All Postsecondary Certificates 21 = Secondary 22 = Postsec. Awards/Cert./Diplomas; <4 yrs. 23 = Graduate degrees combined 30 = OJT = on-the-job training 31 = Employment & training program completers 32 = Military separatees 33 = Apprenticeship completers 34 = Job Corps completers 40 = Certificates < 2 yrs. 99 = Unidentified NOTE: Because of dual counting, completer type may not	clsxsupl comptyp progcomp programs supply

Field Name	Value	Tables Referenced
	aggregate to total. 50-70 = State-Defined Completion Types	
cpisource	1 = Bureau of Labor Statistic 6-8 = State Defined	cpi cpisource
cpitype	01 = CPI-U all items 1982-84=100, not seasonally adjusted 02 = CPI-U all items 1982-84=100, seasonally adjusted 03 = CPI-W, all items 1982-84=100, not seasonally adjusted 04 = CPI-W, all items 1982-84=100, seasonally adjusted 05 = CPI-U all items 1967=100, not seasonally adjusted 06 = CPI-U all items 1967=100, seasonally adjusted 07 = CPI-W, all items 1967=100, not seasonally adjusted 08 = CPI-W, all items 1967=100, seasonally adjusted 50-70 = State-Defined CPI Types	cpi cpitype
credited	A = Excellent B = Very Good C = Good U = Unknown I = Institution or government	credited empdb
disabled	0 = Total applicants 1 = Disabled 2 = Not Disabled 9 = Unknown	disabil esapplic2
dislocated	0 = Total applicants 1 = Dislocated 2 = Not dislocated 9 = Unknown	dislocat esapplic2
dwvertyp	0 = Not potential DW event 1 = Potential Substantial Layoff 2 = Potential Closure 3 = Potential DW event (employment=0) 4 = Potential DW event (merged DW events)	dwvertyp mlsevent
econdisadv	0 = Total applicants 1 = Economically disadvantaged 2 = Not economically disadvantaged 9 = Unknown	disadvan esapplic2
edulevel	0 = All Education Levels 2 = Associate's Degree A = Advanced Degree B = Bachelor's Degree H = High School / GED N = No Education Requirement V = Vocational Training	edulevel jvsaddit

Field Name	Value	Tables Referenced
	9 = Unknown	
eeo1cat	01=Officials and Managers 02=Professionals 03=Technicians 04=Sales Workers 05=Administrative Support Workers 06=Craft workers 07=Operatives 08=Laborers and Helpers 09=Service workers 10=Unemployed, no Civilian Work Experience Since 1995	eeo1cat eeo1xcens
eeostloc	01 = Officials and Managers 02 = Professionals 03 = Technicians 04 = Protective Service: Sworn 05 = Protective Service: Non-Sworn 06 = Administrative Support 07 = Skilled Craft 08 = Service Maintenance 09 = Unemployed, no Civilian Work Experience Since 1995	eeostloc eeosxcens
empsizflg	1 = Collected from source 2 = Estimated by the Employer Database supplier	empdb empszflg
empsizrng	A = 1-4 B = 5-9 C = 10-19 D = 20-49 E = 50-99 F = 100-249 G = 250-499 H = 500-999 I = 1,000-4,999 J = 5,000-9,999 K = 10,000+	empdb empszrng
eventtyp	1 = State event 2 = BLS event 9 = Undefined	eventtyp mlsevent
explevel	0 = All Experience Levels N = No Work Experience Required R = Related Experience W = Some Work Experience Required 9 = Unknown	explevel jvsaddit
gender	0 = Total (This value is included for data reported by male and total categories, for example Census data) 1 = Male 2 = Female 3 = Unspecified	eeolabfac eeolabfor eeoocc eeopop esapplic1

Field Name	Value	Tables Referenced
		gender mls mlsclaim qwichar uiclaims
geocode	0 = Address 2 = Zip+4 centroid 4 = Zip+2 centroid X = ZIP code centroid	empdb geocode licauth schools stfirms
growcode	GG = Growing SS = Stable DD = Declining 50-70 = State-Defined Growth Types	growcode indprj oceprj stindprj stocprj
highestgrd	00 = Total, all grads 01 = Elementary 02 = Some High School 03 = High School Grad/GED 04 = Some College 05 = College Grad 2 yr 06 = College Grad 4 yr 07 = Post Graduate Studies 99 = Unknown 50-70 = State-Defined Graduate Types	esapplic1 schgrade
incsource	1 = Census 2 = HUD 3 = BEA 6 – 8 = State Defined Income Sources	income incomtyp incsourc
inctype	01 = Total income 02 = Per capita income 03 = Median household income 04 = Median family income 50-70 = State-Defined Income Types	income incomtyp
inddiv	A = Agriculture, forestry and fishing (2 digit SICs 01-09) B = Mining (10-14) C = Construction (15-17) D1 = Durable goods manufacturing, Total (24, 25, 32-39) D2 = Nondurable goods manufacturing, Total (20-23, 26-31) E1 = Transportation, total (40-47) E2 = Communications and utilities, total (48, 49) F = Wholesale trade (50, 51) G = Retail trade (52-59) H = Finance, insurance, and real estate (60-67)	inddiv siccode

Field Name	Value	Tables Referenced
	I = Services (70-89) J = Public administration (91-97) K = Nonclassifiable establishments XXX = Unknown ZZZ = Total (00) (One and Two Character Values are LEFT Justified and Followed by Blanks)	
instown	1 = Public institution 2 = Private for profit institution 3 = Private non-profit institution 9 = Not Available	instown schools supply
insttype	00 = All Institutions 01 = Secondary Schools 02 = Public Adult Schools with occupational programs 03 = Two-year, Technical, and Community Colleges 04 = Four-year Colleges and Universities 05 = Private Business and Technical Schools 06 = JTPA Programs 07 = Apprenticeship Programs 08 = Hospital or Health Programs 09 = Other education and training institutions 20 = Law Enforcement Academies 21 = Aviation and Flight Schools 22 = WIA Providers 99 = Not Available 50-70 = State-Defined Institution Types	insttype schools supply
lengthopen	0 = All Length Categories 1 = Less than 30 days 2 = 30 – 59 days 3 = 60 or more days 4 = Always Hiring 9 = Unknown	jvsaddit lengthopen
lengthtype	01 = Years 02 = Semesters 03 = Trimesters 04 = Quarters 05 = Months 06 = Weeks 07 = Days 08 = Hours 09 = Semester hours 10 = Credit hours 99 = Unknown	lentype programs
leveltyp	0 = All level 1 = Entry level 2 = Apprenticeship 3 = Experienced	leveltyp wage

Field Name	Value	Tables Referenced
	4 = Journeyman 9 = Not Available 6 – 8 = State Defined Level Types	
licnumtype	01 = Total number of licenses, as of a point in time 02 = Number of active licenses as of a point in time 03 = Number of licenses issued during a specific period 50 – 70 State-Defined Licences Types	lichist licnumty
locstat	0 = Single location firm 1 = Headquarters/home office 2 = Branch office 3 = Subsidiary headquarters	empdb locstat
meeicode	1 = Single establishment unit 2 = Multi-unit master record 3 = Sub-unit record of a multi-unit employer 4 = Multi-unit rpt. as single (lack of data) 5 = Sub-unit representing several estab. 6 = Multi-unit rpt. as single (due to size) 9 = Undefined	meeicode mlsevent
mpc	E = Enlisted O = Commissioned Officer (includes Navy and Marine Warrant Officers) W = Warrant Officers (Army & Coast Guard) N = Not Applicable (civilian occupations)	mocode mocxsoc mpc
naicdomain	10 = Total, All Industries 101 = Goods-Producing 102 = Service-Providing	naicdom naicsupr
naicsect	10 = Supersector / Domain totals 11 = Agriculture, Forestry, Fishing and Hunting 21 = Mining 22 = Utilities 23 = Construction 31 = Manufacturing (31 through 33) 42 = Wholesale Trade 44 = Retail Trade (44 & 45) 48 = Transportation and Warehousing (48 & 49) 51 = Information 52 = Finance and Insurance 53 = Real Estate and Rental and Leasing 54 = Professional, Scientific and Technical Services 55 = Management of Companies and Enterprises 56 = Administrative and Support and Waste Management and Remediation Services 61 = Education Services 62 = Health Care and Social Assistance 71 = Arts, Entertainment and Recreation	naiccode naicsect

Field Name	Value	Tables Referenced
	72 = Accomodation and Food Services 81 = Other Services (except Public Administration) 92 = Public Administration	
naicslvl	D = Domain 0 = Total (000000) 1 = Supersector 2 = Sector (2 digit) 3 = Subsector (3 digit) 4 = Industry Group (4 digit) 5 = Industry (5 digit) 6 = US Industry (6 digit) 9 = Not Specified	naiccode naicslvl
naicsuper	10 = Total All Industries 101 = Goods-Producing 1011 = Natural Resources and Mining Sectors 11, 21 1012 = Construction Sector 23 1013 = Manufacturing Sectors 31-33 102 = Service-Providing 1021 = Trade, Transportation, and Utilities Sectors 42, 44-45, 48-49, 22 1022 = Information Sector 51 1023 = Financial Activities Sectors 52, 53 1024 = Professional and Business Services Sectors 54, 55, 56 1025 = Education and Health Services Sectors 61, 62 1026 = Leisure and Hospitality Sectors 71, 72 1027 = Other Services Sector 81 1028 = Public Administration Sector 92 1029 = Unclassified Sector 99	naicsect naicsupr
oestrntm	0 = Management training or experience 1 = Baccalaureate or graduate degree 2 = 2 to 3 years of postsecondary training 3 = High school degree plus work experience 4 = On-the-job training or work experience 5 = Not coded to experience 9 = Not available	oescode oestrntm
oohtrntm	A = First professional degree B = Doctor's degree C = Master's degree D = Work experience, plus a bachelor's or higher degree E = Bachelor's degree	oescode oohtrntm soccode

Field Name	Value	Tables Referenced
	F = Associate degree G = Post secondary vocational training H = Work experience (in a related occupation) I = Long-term on-the-job training (> 12 mos.) J = Moderate-term on-the-job training (1 to 12 months) K = Short-term on-the-job training Z = Not Available	
ownership	00 = Total 10 = Federal Government 20 = State Government 30 = Local Government 40 = International Government 50 = Private 80 = Total Government 90 = Total UI Covered (excludes Federal Government)	industry jvs mls mlsevent ownership qwichar stfirms workstop
partfull	0 = Both 1 = Part-time 2 = Full-time	jvsaddit
paytype	01 = Total 02 = Retirement/Disability 03 = Medical 04 = Income Maintenance 05 = Unemployment insurance 06 = Veterans 07 = Education and training 08 = Other	payment paytype
periodtype	01 = Annual 02 = Quarter 03 = Monthly 04 = Weekly 05 = Decennial 06 = Bimonthly 07 = Semially 08 = Biannually 99 = Not Applicable 50-70 = State-Defined Period Types	analysis bed blding cenlabor ces clsxsupl commute cpi develop eeolabfac eeolabfor eeooc eeopop esapplic1 esdata income industry jvs labforce lichist maplist mls mlsclaim mlsevent

Field Name	Value	Tables Referenced
		oeswage payment period periodid periodty populatn progcomp propval qwichar sales supply tax uiclaims wage workstop
permseas	0 = Both 1 = Seasonal 2 = Permanent	jvsaddit
popsourc	1 = Census 2 = BEA 6-9 = State-Defined Population Sources	popsourc populatn
prisepcd/secsepcd	AA = All separation reasons 01 = Automation 04 = Bankruptcy 07 = Business Ownership Change 10 = Contract Cancellation 13 = Contract Completed 16 = Domestic Relocation 19 = Energy-related 22 = Environment-related 25 = Financial Difficulty 28 = Import Competition 31 = Labor Dispute 34 = Material Shortage 37 = Model Changeover 40 = Natural Disaster 43 = Overseas Relocation 46 = Plant or Machine Repair 49 = Product Line Discontinue 52 = Reorganization Within the Company 55 = Seasonal 58 = Slack Work 61 = Vacation Period 64 = Weather-related 90 = Other 96 = Fed Government Cutbacks, Unspecified 97 = Fed Government Cutbacks, Defense-Related 98 = Data Not Provided (Refusal) 99 = Data Not Provided (Does Not Know) 00 = No Secondary Reason	mls mlsevent mlssepdc

Field Name	Value	Tables Referenced
privgovsta	1 = Federal 2 = State 3 = County 4 = Municipal 5 = Private	empdb prvgovst
qwisup	0 = The value is not significantly affected by the disclosure protections 1 = No employment in this age, gender category 2 = There are less than 3 employees in this category 3 = There are less than 3 employers in this category 4 = Value could not be computed because a denominator is zero 5 = Required historical or future wage record data are not available 6 = No employers operate in this category during this quarter 9 = The value has been significantly distorted to protect confidentiality	qwidata qwisup
qwitype	01 = Accessions (Acc) 02 = Beginning-of-Quarter Employment (BeginEmp) 03 = End-of-Quarter Employment (EndEmp) 04 = Full Quarter Employment (FulEmp) 05 = Full-Quarter Turnover (FulQrtTurn) 06 = Accessions to Full Quarter Employment (FulEmpFlw) 07 = Full Job Creation (FulJobCre) 08 = Full Quarter Job Destruction (FulJobDes) 09 = Full Job Flow (FulJobFlw) 10 = Separations from Full Quarter Employment (FulSep) 11 = New Hires (Hire) 12 = Full-Quarter New Hires (FulHire) 13 = Job Creations (JobCreate) 14 = Job Destruction (JobDes) 15 = New Job Flows (JobFlowNet) 16 = Recalls (Recl) 17 = Separations (Sep) 18 = Total Employment (TotalEmp) 19 = Total Quarterly Payroll (Payroll) 20 = Average Periods of Non-employment for Accessions (NonEmpAcc) 21 = Average Periods of Non-employment for New Hires (NonEmpHire) 22 = Average Period of Non-employment for Recalls (NonEmpRecl) 23 = Average Periods of Non-employment for Separations (NonEmpSep) 24 = Average Earnings for End-of-Period Employees (EarnEnd) 25 = Average Earnings for Full-Quarter Employess (EarnFul) 26 = Average Earnings for Full-Quarter Accessions (EarnFulAcc) 27 = Average Earnings for Full-Quarter Separations (EarnFulSep)	qwidata qwitype

Field Name	Value	Tables Referenced
	28 = Average Earnings for Full Quarter New Hires (EarnFulHire) 29 = Average Change in Earnings for Accessions (ChgEarnAcc) 30 = Average Change in Earnings for Separations (ChgEarnSep)	
raceethn	See the “raceethn” lookup table for field value reference	eeolabfac eeolabfor eeoocc eeopop esapplic1 mls mlsclaim raceethn uiclaims
ratetype	0 = Not available 1 = Hourly wage 2 = Weekly wage or salary 3 = Monthly wage or salary 4 = Annual wage or salary 5 = Daily wage	esdata oeswage ratetype wage
salestype	00 = Total, all sales types 01 = Retail 50-70 = State-Defined Sales Types	sales salestyp
seasonal	0 = Total, All applicants 1 = Seasonal/migrant 2 = Not seasonal/migrants 9 = Unknown	esapplic2 seasonal
siccode	0000 = Total, all industries 9010 = Federal Gov’t, Excluding Postal 9020 = State Gov’t, Excluding Education & Hospitals 9030 = Local Gov’t, Excluding Education & Hospitals 9999 = Non-classifiable; industry not specified	develop** industry** matxsic mls** mlsevent oeswage** siccode sicxnaic stfirms uiclaims** wage** workstop** ** field=indcode
sicdiv	A = Agriculture, forestry and fishing (2 digit SICs 01-09) B = Mining (10-14) C = Construction (15-17) D = Manufacturing, total (20-39) E = Transportation and public utilities (40-49)	siccode sicdiv

Field Name	Value	Tables Referenced
	F = Wholesale trade (50, 51) G = Retail trade (52-59) H = Finance, insurance, and real estate (60-67) I = Services (70-89) J = Public administration (91-97) X = Unknown Z = Total (00)	
siclevel	0 = Total (0000) 1 = Major Division (one digit SIC) 2 = Major Group (two digit SIC) 3 = Industry Group (three digit SIC) 4 = Industry (four digit SIC) 9 = Not Specified	siccode siclevel
sizeclass	00 = 0, No employment 01 = 1 - 4 employees 02 = 5 - 9 employees 03 = 10 - 19 employees 04 = 20 - 49 employees 05 = 50 - 99 employees 06 = 100 - 249 employees 07 = 250 - 499 employees 08 = 500 - 999 employees 09 = 1000 and over employees 20 = less than 10 employees 22 = 10 to 49 employees 24 = 250 or more employees 99 = Unknown 50-70 = State-Defined Size Class Types	jvs sizeclas stfirms
stattype	00 = Range Bottom 01 = Range Top 02 = Mode 03 = Mean (average) 04 = Median 05 = Bottom of First Quartile 06 = Top of First Quartile 07 = Bottom of Second Quartile 08 = Top of Second Quartile 09 = Bottom of Third Quartile 10 = Top of Third Quartile 11 = Bottom of Fourth Quartile 12 = Top of Fourth Quartile 13 = Minimum 14 = Maximum 15 = 10th Percentile 16 = 25 th Percentile 17 = 75 th Percentile 18 = 90 th Percentile 19 = Mean of 1st third (Default Entry Wages) 20 = Mean of upper two thirds (Default Expr Wage)	esdata stattype wage

Field Name	Value	Tables Referenced
	50 - 70 = State-specified	
subtot (indsub)	<p>(For SIC based)</p> <p>1 = Total all industries 2 = Industry division 3 = Major industry group 4 = Industry 5 = Roll up 6 = Outside the SIC structure (invented code)</p> <p>(For NAICS based)</p> <p>A = Total all industries B = Domain C = Super-Sector D = Industry sector (2 digit) E = Industry subsector (3 digit) F = Industry group (4 digit) G = Industry (5 digit) H = U.S. Industry (6 digit) I = Roll up J = Outside the NAICS structure (invented code)</p>	indsub matxnaic matxsic
subtot (occsb)	1 = Total all occupations 2 = Summary, major group 3 = Summary, minor / intermediate group 4 = Broad occupation 5 = detailed occupation 6 = Roll up 7 = Collapsed 8 = Outside the SOC/OES structure (invented code)	occsb matxoes matxsoc
suppress	0 = if data is not confidential 1 = if data is confidential ----- Extended codes for oeswage tables ----- 0 = Not Suppressed 1 = Suppress employment data 2 = Suppress wage data 3 = Suppress employment & wage data	bed indprj industry iomatrix jvs jvsaddit mls occpvj oeswage stindprj stocprj
svc	A = Army branch and Functional Area (FA), Area of Concentration (AOC), Military Occupational Specialty (MOS), and Reporting Code (RC) C = Coast Guard codes D = DoD Occupational Conversion Code F = Air Force Specialty Code (AFSC) G = Office of Personnel Management (OPM) Series codes GS and WG K = National Security Personnel System (NSPS) code M = Marine Corps Military Occupational Specialty (MOS) N = Navy Rating, Navy Enlisted Code (NEC), and Navy	moccode mocxsoc svc

Field Name	Value	Tables Referenced
	Officer Billet Classification (NOBC) codes	
syp	1 = Short demonstration only 2 = Anything beyond short demonstration up to and including 30 days 3 = Over 30 days up to and including 3 months 4 = Over 3 months up to and including 6 months 5 = Over 6 months up to and including 1 year 6 = Over 1 year up to and including 2 years 7 = Over 2 years up to and including 4 years 8 = Over 4 years up to and including 10 years 9 = Over 10 years	dotcode
tabletype	A = Administrative table D = Data table L = Lookup table X = Crosswalk table	tabllist
taxtype	01 = Sales tax 02 = Real property tax 03 = Personal property tax 04 = Mineral tax 05 = Use tax 06 = Excise tax 07 = Income tax 08 = Ad Valrum 09 = Local Option Sales Taxes 99 = Other; not elsewhere classified	propval tax taxtype
unitttype	00 = Total all types construction permits 01 = Total new constructions 02 = Total remodels/alterations 03 = Single family residential new constructions 04 = Single family residential remodels/alterations 05 = Multi family residential new constructions 06 = Multi family residential remodel/alterations 07 = Residential, not specified new construction 08 = Residential, not specified remodels/alterations 09 = Commercial new construction 10 = Commercial remodels/alterations 99 = Unspecified 50-70 = State-Defined Unit Type Codes	blding unitttype
urltopic	000 = SESA LMI homepages 001 = Analyst Resource Center Homepage 002 = BLS Sites 003 = ETA Sites 004 = BEA Sites 005 = Census Bureau 006 = HUD 007 = National Association of State Workforce Agencies 008 = America's Career InfoNet 009 = America's Job Bank	urlinks urltopic

Field Name	Value	Tables Referenced
	010 = America's Learning Exchange 011 = America's Service Locator 500 – 799 = State specific	
veteran	0 = Total 1 = Veteran 2 = Non-veteran 3 = Vietnam Era (This is a subset of Veteran Code Type 1) 6 = Info. not available	esapplic2 mls mlsclaim vetcode
wagesource	1 = BLS Area Wage Survey 2 = State Wage Survey 3 = BLS Occupational Employment Statistics Survey 4 = BLS/Census Current Population Survey 5 = Davis Bacon Wage Survey 6-9 = State-Defined Wage Types	oeswage wage wgsource
worksite	A = All Worksite Classifications 0 = Estab & worksites remaining open-no chg. 1 = Estab open; but worksites affected close 2 = Estab & worksites open; wksite div. stop 3 = Partial closure of single-unit estab 4 = Full closure of multi or single-unit est 9 = Information not available	mls mlsevent worksite

ADMINISTRATIVE TABLES

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ADMINISTRATIVE TABLES

datasess	This table contains a list of “data sessions” or “reports” corresponding to a particular application.		
Column	Type	Constraint	Description
appl	char(8)	Primary Key	Application name or identifier.
session	varchar(32)	Primary Key	Data session name or report name.
sessdesc	varchar(60)		Description of data session or report.
suppavail	char(1)		Does suppress field exist? yes/no y/n this may be a bit field in some rdbms. 0 = No 1 = Yes
Constraint Information			
N/A			

empdbinf	This table contains information about the current installed version of the empdb file.		
Column	Type	Constraint	Description
releasen	char(3)	Primary Key	Empdb release number.
releasemo	char(2)		Release month.
releaseyr	char(4)		Release year.
copyrtyear	char(4)		Copyright year.
contractyr	char(4)		Contract year.
editionyr	char(4)		Edition year.
Constraint Information			
N/A			

indcodes	This table contains a record for each industry code type/code combination contained in the Workforce Information Database lookup tables. It is specifically designed for reference by the Workforce Information data tables that can use multiple industry code types. It eliminates the need for any decision routines to determine which lookup table to reference and thus eliminates the issues related to conditional foreign keys.								
Column	Type	Constraint	Description						
stfips	char(2)	Primary Key 1	State FIPS code.						
codetype	char(2)	Primary Key 2	Code describing the type of industry classification code.						
code	char(6)	Primary Key	The classification code used by the state for this data element. This could be a SIC or NAICS code. For codes not 6 characters long, left justify and blank (ASCII 32) fill.						
codetitle	varchar(115)		The descriptive title for this industry code.						
Constraint Information									
1 Foreign Key (indcodes.stfips) references (stfipstb.stfips) 2 Foreign Key (indcodes.codetype) references (indtypes.codetype)									
<p style="text-align: center;"><u>Note:</u></p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>If codetype is:</u></td> <td style="text-align: center;"><u>Then the source of the code is:</u></td> </tr> <tr> <td style="text-align: center;">05.....</td> <td style="text-align: center;">siccode.siccode</td> </tr> <tr> <td style="text-align: center;">10.....</td> <td style="text-align: center;">naiccode.naiccode</td> </tr> </table>				<u>If codetype is:</u>	<u>Then the source of the code is:</u>	05.....	siccode.siccode	10.....	naiccode.naiccode
<u>If codetype is:</u>	<u>Then the source of the code is:</u>								
05.....	siccode.siccode								
10.....	naiccode.naiccode								

maplist This table contains a catalogue of maps and map images. For each state and time period, there is a unique map name.			
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
areatype	char(2)	Primary Key 1	Code describing type of geographic area: e.g. county, service delivery area, MSA.
area	char(6)	Primary Key 1	Six digit code assigned to represent a geographic area. Front fill with zeroes.
periodyear	char(4)	Primary Key 2	Character representation of calendar year (e.g. 1996).
periodtype	char(2)	Primary Key 2	Code describing type of period (e.g. annual, quarterly, monthly, etc.)
period	char(2)	Primary Key 2	Period Code.
mapname	varchar(32)	Primary Key	Name of map.
mapdesc	varchar(60)		Description or title of map.
mapimage	long raw		Actual map image data.
Constraint Information			
1 Foreign Key (maplist.stfips, maplist.areatype, maplist.area) references (geog.stfips, geog.areatype, geog.area) 2 Foreign Key (maplist.periodyear, maplist.periodtype, maplist.period) references (period.periodyear, period.periodtype, period.period)			

occcodes	This table contains a record for each occupation or training code type/code combination contained in the Workforce Information Database lookup tables. It is specifically designed for reference by the Workforce Information data tables that can use multiple occupation or training code types. It eliminates the need for any decision routines to determine which lookup table to reference and thus eliminates the issues related to conditional foreign keys.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
codetype	char(2)	Primary Key 2	Code describing the type of occupation or training classification code.
code	char(10)	Primary Key	The classification code used by the state for this data element. This could be a CIP, DOT, OES, SOC or other occupational code. For codes not 10 characters long, left justify and blank (ASCII 32) fill.
codetitle	varchar(115)		The descriptive title for this occupation or training code.
Constraint Information			
1 Foreign Key (occcodes.stfips) references (stfipstb.stfips)			
2 Foreign Key (occcodes.codetype) references (occtypes.codetype)			
	<u>Note:</u>	<u>If codetype is:</u>	<u>Then the source of the code is:</u>
		01.....	cluscode.cluscode
		02.....	oescode.oescode
		03.....	cipcode.cipcode
		04.....	dotcode.dotcode
		06.....	censcode.censcode
		07.....	cidscode.cidscode
		08.....	soccode.soccode
		12.....	onetcode.onetcode
		13.....	occdir.matocode

sesstabl	This table contains a mapping between an application's reports or data sessions and the Workforce Information database tables that are used for those reports.		
Column	Type	Constraint	Description
appl	char(8)	Primary Key 1	Application name or identifier.
session	varchar(32)	Primary Key 1	Data session name or report name.
tablename	varchar(32)	Primary Key 2	Name of Workforce Information table.
Constraint Information			
1 Foreign Key (sesstabl.appl, sesstabl.session) references (datasess.appl, datasess.session)			
2 Foreign Key (sesstabl.tablename) references (tabllist.tablename)			

source	This table contains a list, by state, of data sessions or reports for a given application and narrative data used to describe the original source of data for the data session or report.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
appl	char(8)	Primary Key 2	Application name or identifier.
session	varchar(32)	Primary Key 2	Data session name or report name.
source	varchar(4000)		Narrative text describing the original source(s) of data for this data session or report.
Constraint Information			
1 Foreign Key (source.stfips) references (stfipstb.stfips)			
2 Foreign Key (source.appl, source.session) references (datasess.appl, datasess.session)			

statelst	This table contains one record for each state for which there is data stored in your Workforce Information Database. This list will be used by the lookup table triggers to automatically generate records in the <i>indcodes</i> and <i>occcodes</i> tables for each state that needs to be represented in those code tables.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
statename	varchar(20)		State name.
stateabbrv	char(2)		The two letter state abbreviation.
Constraint Information			
1 Foreign Key (statelst.stfips) references (stfipstb.stfips)			

tabllist	This table contains one record for each table in the Workforce Information Database.		
Column	Type	Constraint	Description
tablename	varchar(32)	Primary Key	Name of Workforce Information table.
tabledesc	varchar(60)		Description of table.
tabletype	char(1)		A code indicating the type of Workforce Information table.
Constraint Information			
N/A			

tablsrce	This table is used to store data describing how and from whom to obtain source data for a given Workforce Information database table within a given state.		
Column	Type	Constraint	Description
stfips	char(2)	Primary Key 1	State FIPS code.
tablename	varchar(32)	Primary Key 2	Name of Workforce Information table.
supplier	varchar(60)		Name of department or office.
contact	varchar(30)		Individual to contact.
telephone	char(10)		Telephone number.
teleext	varchar(10)		Telephone extention.
lastupdate	date		Date this source data was last updated.
nextupdate	date		Date this source data will be updated next.
filetype	char(10)		File format of source data.
info	varchar(4000)		Narrative text describing any other relevant information regarding this source data.
Constraint Information			
1 Foreign Key (tablsrce.stfips) references (stfipstb.stfips)			
2 Foreign Key (tablsrce.tablename) references (tabllist.tablename)			

APPENDIX

Appendix A Workforce Information Database Version 2.4 Suggested Load Order

Order	Table Name	Type ¹	Order	Table Name	Type ¹	Order	Table Name	Type ¹
1	stfipstb	L	64	sizeclas	L	127	licauth	D
2	areatype	L	65	soccode	L	128	license	D
3	geog	L	66	stprogcd	L	129	lichist	D
4	subgeog	L	67	taxtype	L	130	mls	D
5	statelst	A	68	vetcode	L	131	mlsclaim	D
6	periodty	L	69	worksite	L	132	mlsevent	D
7	period	L	70	addressy	L	133	occprj	D
8	periodid	L	71	agegroup	L	134	oeswage	D
9	jobfamly	L	72	annslflg	L	135	payment	D
10	benefit	L	73	annslrng	L	136	populatn	D
11	censcode	L	74	benmark	L	137	progcomp	D
12	edulevel	L	75	clusgrad	L	138	programs	D
13	eeo1cat	L	76	cpitype	L	139	propval	D
14	eeostloc	L	77	cpisource	L	140	qwichar	D
15	explevel	L	78	creditcd	L	141	qwidata	D
16	lengthopen	L	79	disabil	L	142	sales	D
17	oohtrntm	L	80	disadvan	L	143	schools	D
18	oesgroup	L	81	dislocat	L	144	stfirms	D
19	oestrntm	L	82	dwvertyp	L	145	stindprj	D
20	occtypes	L	83	empszflg	L	146	stoccpj	D
21	oescode	L	84	empszrng	L	147	supply	D
22	occsb	L	85	geocode	L	148	tax	D
23	occdir	L	86	growcode	L	149	uiclaims	D
24	stattype	L	87	incsourc	L	150	url	D
25	indtypes	L	88	incomtyp	L	151	urllinks	D
26	qwisup	L	89	laytitle	L	152	wage	D
27	qwitype	L	90	licnumty	L	153	workstop	D
28	sicdiv	L	91	locstat	L	154	matxoes	X
29	siclevel	L	92	mpc	L	155	matxsic	X
30	inddiv	L	93	svc	L	156	clsxproj	X
31	siccode	L	94	moccode	L	157	clsxsupl	X
32	ratetype	L	95	urltopic	L	158	cidsxcip	X
33	salestyp	L	96	prvgovst	L	159	dotxcip	X
34	leveltyp	L	97	schgrade	L	160	dotxonet	X
35	wgsource	L	98	seasonal	L	161	oesxcens	X
36	cenind	L	99	bedtypes	L	162	oesxcids	X
37	indsub	L	100	occcodes ²	A	163	oesxcip	X
38	inddir	L	101	indcodes ³	A	164	oesxdot	X
39	popsourc	L	102	analysis	D	165	sicxnaic	X
40	unitype	L	103	bed	D	166	oesxonet	X
41	cescode	L	104	blding	D	167	oesxjob	X
42	cidscode	L	105	cenlabor	D	168	laytxocc	X
43	cipcode	L	106	ces	D	169	licxocc	X
44	cluscode	L	107	commute	D	170	matxnaic	X
45	compltyp	L	108	cpi	D	171	matxsoc	X
46	dotcode	L	109	develop	D	172	mocxsoc	X
47	eventtyp	L	110	empdbinf	A	173	oesxsoc	X
48	gender	L	111	empdb	D	174	socxcens	X
49	instown	L	112	eeolabfac	D	175	socxcids	X
50	insttype	L	113	eeolabfor	D	176	socxcip	X
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62	paytype	L	125	jvs	D			
63	raceethn	L	126	jvsaddit	D			

Suggested Load Order Footnotes

1 Table Types: **A** = Admin; **D** = Data; **L** = Lookup; **X** = Crosswalk

2 Normally populated through the use of triggers. If triggers are not used, content for this table should be appended from the related lookup tables: CENSCODE, CIDSCODE, CIPCODE, CLUSCODE, DOTCODE, OCCDIR, OESCODE, ONETCODE, SOCCODE and STPROGCD

3 Normally populated through the use of triggers. If triggers are not used, content for this table should be appended from the related lookup tables: SICCODE and NAICCODE.

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