Variables for manufcounty.csv

The file *s:\teff\6060\manufcounty.csv* contains observations for over 2000 U.S. counties. The data are from the Census of Manufactures for 1997 and 2007, and the Population Census of 1990.

state	The state FIPS number
COUNTY	The county FIPS number
NAME	Name of county

Some county-level manufacturing variables:

est	The number of manufacturing establishments in the county in 1997
est20	The number of manufacturing establishments with 20 or more employees
emp	Number of manufacturing employees in the county in 1997
pem	Number of manufacturing production workers in the county in 1997
npe	Number of manufacturing *non*-production workers in the county in 1997
hrs	Hours worked by manufacturing production workers in the county in 1997
mat	Cost of materials for manufacturers in the county in 1997 ($)
vs	Value of shipments (=total revenue) for manufacturers in the county in 1997 ($)
vla	Value-added for manufacturers in the county in 1997 ($)
kap	Expenditures on capital by manufacturers in the county in 1997 ($)
pay	Total payroll for manufacturing employees in the county in 1997 ($)
wag	Payroll for manufacturing production workers in the county in 1997 ($)
sal	Payroll for manufacturing *non*-production workers in the county in 1997 ($)

Data from 2007 are labeled as above but contain the suffix "2007".

One county-level infrastructure-related variables:

popacr	Population per acre in the county in 1990

Some variables giving information about the specific location of each observation:

msa	This is the MSA number. If PMSA>0 then the county is part of a Metropolitan Statistical Area. Otherwise, the county is a rural county.

cd93   This is a county-type code, as follows:

0	Central counties of metropolitan areas of 1 million population or more
1	Fringe counties of metropolitan areas of 1 million population or more
2	Counties in metropolitan areas of 250,000 - 1,000,000 population
3	Counties in metropolitan areas of less than 250,000 population
4	Urban population of 20,000 or more, adjacent to a metropolitan area
5	Urban population of 20,000 or more, not adjacent to a metropolitan area
6	Urban population of 2,500-19,999, not adjacent to a metropolitan area
7	Urban population of 2,500-19,999, adjacent to a metropolitan area
8	Completely rural (no places with a population of 2,500 or more) adjacent to a metropolitan area
9	Completely rural (no places with a population of 2,500 or more) not adjacent to a metropolitan area

core	This variable is a dummy, which equals one when the county is the nodal county for its Economic Area. The nodal county is the center, biggest county, towards which surrounding counties look for big-city services. For example, Davidson county is the nodal county in the Nashville Economic Area.

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reg   This is a regional code, as follows

1	New England	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
2	Mideast	Delaware, District of Columbia, Maryland, New Jersey, New York, Pennsylvania
3	Great Lakes	Illinois, Indiana, Michigan, Ohio, Wisconsin
4	Plains	Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota
5	Southeast	Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, West Virginia
6	Southwest	Arizona, New Mexico, Oklahoma, Texas
7	Rocky Mountain	Colorado, Idaho, Montana, Utah, Wyoming
8	Far West	Alaska, California, Hawaii, Nevada, Oregon, Washington

The following classifications were developed by the USDA Economic Research Service:

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FM        Farming-dependent, 1989
          0 - Nonmetro other county         1,720
          1 - Nonmetro farming county         556
          8 - Metro county                    813
MI        Mining-dependent, 1989
          0 - Nonmetro other county         2,130
          1 - Nonmetro mining county          146
          8 - Metro county                    813
MF        Manufacturing-dependent, 1989
          0 - Nonmetro other county         1,770
          1 - Nonmetro manufacturing county   506
          8 - Metro county                    813
GV        Government-dependent, 1989
          0 - Nonmetro other county         2,032
          1 - Nonmetro government county       244
          8 - Metro county                    813
TS        Services-dependent, 1989
          0 - Nonmetro other county         1,953
          1 - Nonmetro Services county         323
          8 - Metro county                    813
NS        Nonspecialized, 1989
          0 - Nonmetro other county         1,792
          1 - Nonmetro nonspecialized county   484
          8 - Metro county                    813
RT        Retirement Destination, 1990
          0 - Nonmetro other county         2,086
          1 - Nonmetro retirement county       190
          8 - Metro county                    813
FL        Federal Lands, 1987
          0 - Nonmetro other county         2,006
          1 - Nonmetro Federal lands county    270
          8 - Metro county                    813
CM        Commuting, 1990
          0 - Nonmetro other county         1,895
          1 - Nonmetro commuting county        381
          8 - Metro county                    813
PV        Persistent Poverty, 1990
          0 - Nonmetro other county         1,741
          1 - Nonmetro poverty county          535
          8 - Metro county                    813
TP        Transfers-dependent, 1989
          0 - Nonmetro other county         1,895
          1 - Nonmetro transfers county        381
          8 - Metro county                    813
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