

### NC3MIGRATE.XLS

**Database:** NC3MIGRATE.XLS

**Description:** Migration statistics

**Source:**

**Notes:**

**Area:** Lake States

**Spatial:** MCDs

**Contact:** Mike Vasievich

**Temporal:** Most recent

**Category:**

**DBType:** MS Excel

Variable Name	Units	Description	Source
AREAKEY	FIPS code	Area key--FIPS code	
AreaName	name	Area name	
P0430001	persons	Persons 5 years and over--same house in 1985	
P0430002	persons	Persons 5 years and over--different house in the United States in 1985--same county	
P0430003	persons	Persons 5 years and over--different house in the United States in 1985--same state	
P0430004	persons	Persons 5 years and over--different house in the United States in 1985--different state--Northeast	
P0430005	persons	Persons 5 years and over--different house in the United States in 1985--different state--Midwest	
P0430006	persons	Persons 5 years and over--different house in the United States in 1985--different state--South	
P0430007	persons	Persons 5 years and over--different house in the United States in 1985--different state--West	
P0430008	persons	Persons 5 years and over--abroad in 1985--Puerto Rico	
P0430009	persons	Persons 5 years and over--abroad in 1985--U.S. Outlying area	
P0430010	persons	Persons 5 years and over--abroad in 1985--Foreign country	

### NC3ResMSA.xls

**Category:**

**Database:** NC3ResMSA.xls

**DBType:** MS Excel

**Description:** Residence over past several years

**Source:** U.S. Census Bureau

**Notes:**

**Area:** Lake States

**Spatial:** MCDs

**Contact:** Mike Vasievich

**Temporal:** Most recent

Variable Name	Units	Description	Source
AreaKey	FIPS code	Geographic identifier code	
AreaName	name	Area name	
P0440001	persons	Number of persons over 5 years old living in the same house as in 1985	
P0440002	persons	Number of persons over 5 years old living in a different house but the same MSA/PMSA Central city	
P0440003	persons	Number of persons over 5 years old living in a different house but the same MSA/PMSA remainder of this MSA/PMSA	
P0440004	persons	Number of persons over 5 years old living in a different MSA/PMSA Central city in 1985	
P0440005	persons	Number of persons over 5 years old living in a different MSA/PMSA remainder of MSA/PMSA	
P0440006	persons	Number of persons over 5 years old not in an MSA/PMSA in 1985	
P0440007	persons	Number of persons over 5 years old living abroad in 1985	
P0440008	persons	Number of persons over age 5 not living in an MSA/PMSA in 1990 but lived in the same house in 1985	
P0440009	persons	Number of persons over age 5 who lived in a different house in the United States in 1985--In an MSA/PMSA in 1985--Central city	
P0440010	persons	Number of persons over age 5 who lived in a different house in the United States in 1985--In an MSA/PMSA in 1985--Remainder of MSA/PMSA	

## ***GLA Social and Economic Data Bases***

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P0440011	persons	Number of persons over age 5 in an MSA/PMSA who lived in a different house in the United States in 1985-Not in an MSA/PMSA in 1985
P0440012	persons	Number of persons over age 5 in an MSA/PMSA who lived abroad in 1985

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**NC7Co\_Migra.xls**

**Category:**

**Database:** NC7Co\_Migra.xls

**DBType:** MS Excel

**Description:** Migration statistics for NC7 counties

**Source:** U.S. Census Bureau

**Notes:**

**Area:** Midwest States

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:** 1990

<b>Variable Name</b>	<b>Units</b>	<b>Description</b>	<b>Source</b>
AreaKey	FIPS code	Geographic identifier -- FIPS code	
AreaName	name	States and county	
P0420001	persons	Place of birth--native--born in state of residence	
P0420002	persons	Place of birth--Born in other state in the United States--Northeast	
P0420003	persons	Place of birth--Born in other state in the United States--Midwest	
P0420004	persons	Place of birth--Born in other state in the United States--South	
P0420005	persons	Place of birth--Born in other state in the United States--West	
P0420006	persons	Place of birth--Born outside the United States--Puerto Rico	
P0420007	persons	Place of birth--Born outside the United States--U.S. Outlying area	
P0420008	persons	Place of birth--Born outside the United States--	
P0420009	persons	Foreign born	

### NC7copop.xls

**Category:**

**Database:** NC7copop.xls

**DBType:** MS Excel

**Description:** Population demographics

**Source:** U.S. Census Bureau

**Notes:**

**Area:** Midwest States

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:** Most recent

Variable Name	Units	Description	Source
Areaname	name		
COU		County FIPS code	
FIPS	FIPS code	FIPS codes --geographic identifiers	
METRO			
P033090D	persons	Asian or Pacific Islander - total 1990 (stf-1c)	
PMSA			
PO001071D	persons	Resident population -(July 1) 1971	
PO001072D	persons	Resident population -(July 1) 1972	
PO001073D	persons	Resident population -(July 1) 1973	
PO001074D	persons	Resident population -(July 1) 1974	
PO001075D	persons	Resident population -(July 1) 1975	
PO001076D	persons	Resident population -(July 1) 1976	
PO0010778D	persons	Resident population -(July 1) 1978	
PO0010779D	persons	Resident population -(July 1) 1979	
PO001077D	persons	Resident population -(July 1) 1977	
PO001590D	persons	Resident population -(July 1) 1990	
PO00530D	persons	Resident population -(April 1) 1930	
PO00540D	persons	Resident population -(April 1) 1940	
PO00550D	persons	Resident population -(April 1) 1950	
PO00560D	persons	Resident population -(April 1) 1960	
PO00570D	persons	Resident population -(April 1) 1970	

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PO00580D	persons	Resident population -(April 1) 1980
PO00590D	persons	Resident population -(April 1) 1990
PO0107D	persons	Resident population -(April 1-corrected) 1970
PO01080D	persons	Resident population -(April 1 - corrected) 1980
PO01081D	persons	Resident population -(July 1) 1981
PO01082D	persons	Resident population -(July 1) 1982
PO01083D	persons	Resident population -(July 1) 1983
PO01084D	persons	Resident population -(July 1) 1984
PO01085D	persons	Resident population -(July 1) 1985
PO01086D	persons	Resident population -(July 1) 1986
PO01087D	persons	Resident population -(July 1) 1987
PO01088D	persons	Resident population -(July 1) 1988
PO01089D	persons	Resident population -(July 1) 1989
PO01090D	persons	Resident population -(April 1-corrected) 1990
PO01091D	persons	Resident population -(July 1) 1991
PO01092D	persons	Resident population -(July 1) 1992
PO01093D	persons	Resident population -(July 1) 1993
PO01094D	persons	Resident population -(July 1) 1994
PO01095D	persons	Resident population -(July 1) 1995
PO01195D	percent	Components of change - percent change 1990-1995
PO20080D	persons	Resident population 1980 (stf-1c)
PO20090D	persons	Resident population 1990 (stf-1c)
PO20580D	persons/sq mi	Population (stf-1c) per square mile 1980
PO20590D	persons/sq mi	Population (stf-1c) per square mile 1990
PO21080D	persons	Urban population 1980 (STF-1C)
PO23090D	persons	Rural population 1980 (STF-1C)
PO25080D	persons	Male population 1980 (STF-1C)
PO25090D	persons	Male population 1990 (STF-1C)
PO26080D	persons	Female population 1980 (STF-1C)
PO26090D	persons	Female population 1990 (STF-1C)
PO30060D	persons	White population 1960 (STF-1C)

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PO30070D	persons	White population 1970 (STF-1C)
PO30080D	persons	White population 1980 (STF-1C)
PO30090D	persons	White population 1990 (STF-1C)
PO31060D	persons	Black population 1960 (STF-1C)
PO31070D	persons	Black population 1970 (STF-1C)
PO31080D	persons	Black population 1980 (STF-1C)
PO31090D	persons	Black population 1980 (STF-1C)
PO32080D	persons	American Indian, Eskimo, or Aleut 1980 (STF-1C)
PO32090D	persons	American Indian, Eskimo, or Aleut 1990 (STF-1C)
PO33080D	persons	Asian or Pacific Islander - total 1980 (stf-1c)
PO33190D	persons	Asian or Pacific Islander - Chinese 1990 (stf-1c)
PO33290D	persons	Asian or Pacific Islander - Filipino 1990 (stf-1c)
PO33390D	persons	Asian or Pacific Islander - Japanese 1990 (stf-1c)
PO334890D	persons	Asian or Pacific Islander - Asian Indian 1990 (stf-1c)
PO33590D	persons	Asian or Pacific Islander - Korean 1990 (stf-1c)
PO33690D	persons	Asian or Pacific Islander - Vietnamese 1990 (stf-1c)
PO35080D	persons	Other race (not elsewhere classified) 1980 (stf-1c)
PO35090D	persons	Other race (not elsewhere classified) 1990 (stf-1c)
PO36080D	persons	Persons of Hispanic origin 1980 (stf-1c)
PO36090D	persons	Persons of Hispanic origin 1990 (stf-1c)
PO36190D	persons	Persons of Hispanic origin - Mexican 1990 (stf-1c)
PO36290D	persons	Persons of Hispanic origin - Puerto Rican 1990 (stf-1c)
PO36390D	persons	Persons of Hispanic origin - Cuban 1990 (stf-1c)
PO50080D	persons	Resident population 1980 (stf-3c)
PO50090D	persons	Resident population 1990 (stf-3c)
PO51090D	persons	Resident population - Urban 1990 (stf-3c)
PO53090D	persons	Resident population - Rural 1990 (stf-3c)
PO60080D	persons	White population 1980 (stf-3c)
PO60090D	persons	White population 1990 (stf-3c)
PO61080D	persons	Black population 1980 (stf-3c)
PO61090D	persons	Black population 1990 (stf-3c)

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PO62080D	persons	American Indian, Eskimo, or Aleut 1980 (stf-1c)
PO62090D	persons	American Indian, Eskimo, or Aleut 1990 (stf-1c)
PO63080D	persons	Asian or Pacific Islander 1980 (stf-3c)
PO63090D	persons	Asian or Pacific Islander 1990 (stf-3c)
PO65080D	persons	Other race (not elsewhere classified) 1980 (stf-3c)
PO65090D	persons	Other race (not elsewhere classified) 1990 (stf-3c)
PO66080D	persons	Persons of Hispanic origin 1980 (stf-3c)
PO66090D	persons	Persons of Hispanic origin 1990 (stf-3c)
PO72080D	persons	Foreign-born persons 1980 (stf-3c)
PO72090D	persons	Foreign-born persons 1990 (stf-3c)
SEG		
ST		State FIPS code
STCOU		
SUMLEV		

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**NC7CoPop3.xls**

**Category:**

**Database:** NC7CoPop3.xls

**DBType:** MS Excel

**Description:** Population data

**Source:** data sheet

**Notes:**

**Area:** Midwest States

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:**

Variable Name	Units	Description	Source
AreaName	name	State and county	
COU			
FIPS	FIPS code	Geographic identifier--FIPS code	
METRO			
PMSA			
PO00530D	persons	Res	
SEG			
ST			
STCOU		Geographic identifier--FIPS code	
SUMLEV			

### NC7COUNTY.XLS

**Category:**

**Database:** NC7COUNTY.XLS

**DBType:** MS Excel

**Description:** County level information on population levels and income status

**Source:**

**Notes:**

**Area:** Midwest States

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:** Most recent

Variable Name	Units	Description	Source
AreaKey	FIPS code	Geographic identifier	
AreaLand	.001 sq km	Area land	
AreaName	name	Area name	
AREATOT	.001 sq km	AREALAND + AREAWAT	
AREAWAT	.001 sq km	Area water	
MedFamIn	dollars	Median family income	
MedFmIn	dollars	Median farm income?	
MedHsIn	dollars	Median household income	
PerCapIn	dollars	PerCapita Income	
PovBelow	persons	Persons below poverty level?	
S_PctRur	percent	percent of total population living in rural areas	
S_PctUrb	percent	percent of total population living in urban areas	
S_TotPop	persons	Total population	
SQ_KM	sq km	AREATOT in square kilometers	
SQ_MILES	sq mi	AREATOT in square miles	

### NC7Migrate.dbf

**Category:**

**Database:** NC7Migrate.dbf

**DBType:** dBase IV

**Description:**

**Source:** U.S. Census Bureau

**Notes:**

**Area:** Midwest States

**Spatial:** MCDs

**Contact:** Mike Vasievich

**Temporal:** Most recent

Variable Name	Units	Description	Source
AreaKey	FIPS code	Geographic identifier--FIPS code	
AreaName	name	Area name, state and mcd	
P420001			
P420002			
P420003			
P420004			
P420005			
P420006			
P420007			
P420008			
P420009			
P430001			
P430002			
P430003			
P430004			
P430005			
P430006			
P430007			
P430008			
P430009			
P430010			

### NC7PopDens.xls

**Category:**

**Database:** NC7PopDens.xls

**DBType:** MS Excel

**Description:** County population density

**Source:** U.S. Census Bureau

**Notes:**

**Area:** Midwest States

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:** Most recent

Variable Name	Units	Description	Source
AreaKey	FIPS code	Geographic identifier --FIPS code	
AreaLand	.001 sq km	Land area	
AreaName	name	Area name - state and county	
AreaWat	.001 sq km	Water area	
LandSqMi	sq mi	Land area in square miles	
PopDenL	persons/sq mi	Population density as population per square mile of land	
PopDenT	persons/sq mi	Population density as population per square mile of land plus water	
TotalPop	persons	Total population	
TotSqMi	sq mi	Total area in square miles	
WaterSqMi	sq mi	Water area in square miles	

### USCounties.dbf

**Category:**

**Database:** USCounties.dbf

**DBType:** dBase IV

**Description:** Area and 1990 and 1996 population for US counties

**Source:**

**Notes:**

**Area:**

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:** Most recent

Variable Name	Units	Description	Source
AREA		Area in county	
CNTY_FIPS	FIPS code	County FIPS code	
FIPS	FIPS code	State and county FIPS code	
Name	Name	County name	
POP1990	persons	Population in 1990	
POP1996	persons	Population in 1996	
STATE_FIPS		State FIPS code	
STATE_NAME		State name	

### FarmSize

**Category:** Agriculture

**Database:** Farms.mdb

**DBType:** MS Access

**Description:** Average farm characteristics, including number of farms, average size.

**Source:** US Bureau of Census

**Notes:** Needs additional documentation. Check variables

**Area:** Midwest States

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:** Most recent

Variable Name	Units	Description	Source
AG33092D		Number of farms (Check)	
AG40092D		Average farm size (Check)	
AreaName	name	County and state name	
FIPS	FIPS code	State and county FIPS codes	

### NC3

**Category:** Boundaries

**Database:** NC3Bound.exe

**DBType:** ArcView

**Description:** Self-extracting ArcView files for county boundaries, including Michigan, Minnesota, and Wisconsin.

**Source:** File supplied by ESRI.

**Notes:** Includes shape (\*.shp), shape index (\*.shx), and dbase (\*.dbf) files needed to construct county boundaries for an ArcView map. Area polygons are indexed by 5-digit state/county FIPS code.

**Area:** Lake States

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:**

### NC7

**Category:** Boundaries

**Database:** NC7Bound.EXE

**DBType:** ArcView

**Description:** Self-extracting ArcView files for county boundaries, including Michigan, Minnesota, Wisconsin, Iowa, Illinois, Indiana, and Ohio

**Source:** File supplied by ESRI.

**Notes:** Includes shape (\*.shp), shape index (\*.shx), and dbase (\*.dbf) files needed to construct county boundaries for an ArcView map. Area polygons are indexed by 5-digit state/county FIPS code.

**Area:** Midwest States

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:**

### NCMCD

**Category:** Boundaries

**Database:** NCMCDBound.exe

**DBType:** ArcView

**Description:** Self-extracting ArcView files for Minor Civil Division (MCD) boundaries, including Michigan, Minnesota, and Wisconsin.

**Source:** This file was constructed from Census TIGER/Line files by the Great Lakes Assessment Team.

**Notes:** Includes shape (\*.shp), shape index (\*.shx), and dbase (\*.dbf) files needed to construct county boundaries for an ArcView map. Area polygons are indexed by 10-digit state/county/MCD FIPS code.

**Area:** Lake States

**Spatial:** MCDs

**Contact:** Mike Vasievich

**Temporal:**

### US48

**Category:** Boundaries

**Database:** US48Bound.exe

**DBType:** ArcView

**Description:** Self-extracting ArcView files for county boundaries, lower 48 states. Includes shape (\*.shp), shape index (\*.shx), and dbase (\*.dbf) files needed to construct county boundaries for an ArcView map. Area polygons are indexed by 5-digit state/county FIPS code.

**Source:** File supplied by ESRI.

**Notes:**

**Area:** US

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:** NA

### NC3AgeGroup.xls

**Category:** Demographic

**Database:** NC3AgeGroup.xls

**DBType:** MS Excel

**Description:** Population distribution by age group

**Source:** CensusCD

**Notes:**

**Area:** Lake States

**Spatial:** MCDs

**Contact:** Mike Vasievich

**Temporal:** Most recent

Variable Name	Units	Description	Source
AreaKey	FIPS code	FIPS code--geographic identifier	
AreaName	name	Area name, state and MCD	
P00130001	persons	UNDER 1 year	CENSUS CD
P00130002	persons	1 and 2 years	CENSUS CD
P00130003	persons	3 and 4 years	CENSUS CD
P00130004	persons	5 years	CENSUS CD
P00130005	persons	6 years	CENSUS CD
P00130006	persons	7 to 9 years	CENSUS CD
P00130007	persons	10 and 11 years	CENSUS CD
P00130008	persons	12 and 13 years	CENSUS CD
P00130009	persons	14 years	CENSUS CD
P00130010	persons	15 years	CENSUS CD
P00130011	persons	16 years	CENSUS CD
P00130012	persons	17 years	CENSUS CD
P00130013	persons	18 years	CENSUS CD
P00130014	persons	19 years	
P00130015	persons	20 years	
P00130016	persons	21 years	
P00130017	persons	22 to 24 years	
P00130018	persons	25 to 29 years	
P00130019	persons	30 to 34 years	

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P00130020	persons	35 to 39 years
P00130021	persons	40 to 44 years
P00130022	persons	45 to 49 years
P00130023	persons	50 to 54 years
P00130024	persons	55 to 59 years
P00130025	persons	60 and 61 years
P00130026	persons	62 to 64 years
P00130027	persons	65 to 69 years
P00130028	persons	70 to 74 years
P00130029	persons	75 to 79 years
P00130030	persons	80 to 84 years
P00130031	persons	85 years and older

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**NC3BIRTHPLAC.XL**

**Category:** Demographic

**Database:** NC3BIRTHPLAC.XLS

**DBType:** MS Excel

**Description:**

**Source:** U.S. Census Bureau

**Notes:**

**Area:** Lake States

**Spatial:** MCDs

**Contact:**

**Temporal:** Most recent

<b>Variable Name</b>	<b>Units</b>	<b>Description</b>	<b>Source</b>
AREAKEY		FIPS code -- geographic identifier	
AreaName	name	Area name	
P0420001	persons	Born in state of residence	
P0420002	persons	Born in other state in the United States--Northeast	
P0420003	persons	Born in other state in the United States--Midwest	
P0420004	persons	Born in other state in the United States--South	
P0420005	persons	Born in other state in the United States--West	
P0420006	persons	Born outside the United States--Puerto Rico	
P0420007	persons	Born outside the United States--U.S.Outlying area	
P0420008	persons	Born abroad of American parent(s)	
P0420009	persons	Foreign born	

**NC3PopDense.xls**

**Category:** Demographic

**Database:** NC3PopDense.xls

**DBType:** MS Excel

**Description:** Population density by Minor Civil Division in the 3 Lake States

**Source:** U.S. Census Bureau -- population  
?? county area

**Notes:**

**Area:** Lake States

**Spatial:** MCDs

**Contact:** Mike Vasievich

**Temporal:** Most recent

Variable Name	Units	Description	Source
Areakey	FIPS code	Geographic code identifier --FIPS code	
AreaLand	.001 sq km		
AreaName	name	MCD name and state	
AreaTot	.001 sq km	Sum of land and water area	AreaLand+AreaWat
AreaWat	.001 sq km		
P10010001	persons	Total population	
PopDense	persons/sq mile	Population density	P0010001/Sq_Mi
Sq_Km	sq km	AreaTot converted to square kilometers	
Sq_Mi	sq mi	AreaTot converted to square miles	

### EconDep

**Category:** Economic

**Database:** EconDep.mdb

**DBType:** MS Access

**Description:** Economic dependency on forest and other wildland resources. These data indicate the extent of economic activity related to timber, grazing, mining, and recreation industries along with federal employment directly related to these industries. Four indexes are determined with/without indirect effects and with/without related federal employment.

**Source:** Stewart, W. L., E. G. Schuster, W. J. McGinnis. 1996. Economic Indicator Maps for Rural Development in the East. USDA-Forest Service. General Technical Report ING-GTR-329.

**Notes:** Estimates were derived for 1990 by the US Dept. of Commerce, Bureau of Economic Analysis and the US Office of Personnel Management. Indirect effects based on BEA Regional Input/Output Modeling System (RIMS).

**Area:** Lake States

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:** Most recent

Variable Name	Units	Description	Source
County/St	FIPS code	County and state name	
NearNF	Code	Code to indicate if county is within 100 miles of a National Forest (F) or Grassland (G). Null if not near NF or NG.	
WGovDir	percent	Percent dependency on wildland industries. Includes direct economic effects with government employment.	
WGovDirInd	percent	Percent dependency on wildland industries. Includes direct and indirect economic effects with government employment.	
WoGovDir	percent	Percent dependency on wildland industries. Includes direct economic effects without government employment.	
WoGovDirInd	percent	Percent dependency on wildland industries. Includes direct and indirect economic effects without government employment.	

### Income

**Category:** Economic

**Database:** Income.mdb

**DBType:** MS Access

**Description:** Income and other economic information by MCD

**Source:** US Census, 1990

**Notes:**

**Area:** Lake States

**Spatial:** MCDs

**Contact:** Mike Vasievich

**Temporal:** 1990

Variable Name	Units	Description	Source
Areakey	FIPS code	State/County/MCD FIPS code	
AreaName	Name	Minor Civil Divison (MCD) name	
BelowPov	Number	Number of persons below poverty level	
MedHInc	Dollars	Median household income	
PctPov		Percent poverty	
PctRural	Percent	Percent rural	
PctUrban	Percent	Percent urban	
PerCapIn	Dollars	Per capita income	
TotPop	number	Total population	

### NC3Earn.xls

**Category:** Economic

**Database:** NC3Earn.xls

**DBType:** MS Excel

**Description:** Household earnings

**Source:** U.S. Census Bureau

**Notes:**

**Area:** Lake States

**Spatial:** MCDs

**Contact:** Mike Vasievich

**Temporal:** 1990

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### Graduates

**Category:** Education

**Database:** Education.mdb

**DBType:** MS Access

**Description:** Educational attainment

**Source:** U.S. Census Bureau

**Notes:**

**Area:** Lake States

**Spatial:** MCDs

**Contact:** Mike Vasievich

**Temporal:** 1990

Variable Name	Units	Description	Source
Adults25	persons	Number of persons age 25 or older	
AreaKey	FIPS code	State/County/MCD FIPS code	
AreaName	name	Minor Civil Division (MCD) name	
DegreeBA	persons	Number of persons age 25 or older, bachelor's degree, P0570006	
DegreeGrad	persons	Number of persons age 25 or older, graduate or professional degree, P0570007	
HSGrad	persons	Number of persons age 25 or older, high school graduate, P0570003	
PctBA	Percent	Percent of persons age 25 or older, with BA degree	
PctGrad	Percent	Percent of persons age 25 or older, with Graduate degree	
PctHS	percent	Percent of persons age 25 or older, HS Graduate	

**HSDrop**

**Category:** Education

**Database:** Education.mdb

**DBType:** MS Access

**Description:** Number of persons High school enrollment, educational attainment, and employment statistics

**Source:** U.S. Census Bureau

**Notes:**

**Area:** Lake States

**Spatial:** MCDs

**Contact:** Mike Vasievich

**Temporal:** 1990

Variable Name	Units	Description	Source
AreaKey	FIPS code	State/County/MCD FIPS code	
AreaName	name	Minor Civil Division (MCD) name	
DropEmp	persons	Persons 16 to 19 years -- civilian -- not enrolled in school -- not high school graduate-- employed P0610011	
DropMil	persons	Persons 16 to 19 years -- in armed forces -- not enrolled in school -- not high school graduate P0610004	
DropNotLabor	persons	Persons 16 to 19 years -- civilian -- not enrolled in school -- not high school graduate-- not in labor force P060013	
DropUnemp	persons	Persons 16 to 19 years -- civilian -- not enrolled in school -- not high school graduate-- unemployed P0610012	
PctDrop	Persons	Percent of persons 16-19 years old who are not enrolled in school and have not graduated.	
Pers1619	Persons	Persons 16-19 years old	

### ForestType

**Category:** Forest Area

**Database:** LSAcres.mdb

**DBType:** MS Access

**Description:** Area in each county by major forest type. Includes acres for Jack pine, red pine, white pine, scotch pine, balsam fir, black spruce, Northern cedar, tamarack, white spruce, oak-hickory, elm-ash-cottonwood, maple-beech-birch, aspen, paper birch, balsam poplar, and nonstocked for the two most recent forest inventories in each state.

**Source:** Fourth and fifth forest inventories conducted by the North Central Research Station, USDA-Forest Service for following years: Michigan (1980 and 1993), Minnesota (1977 and 1990) and Wisconsin (1983 and 1996).

**Notes:** Derived from Eastwide Forest Inventory Data Base.

**Area:** Lake States

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:** Periodic

Variable Name	Units	Description	Source
Aspen	Acres	Acres, Aspen type on timberland (includes quaking and bigtooth aspen)	
BalsamFir	Acres	Acres, Balsam fir type on timberland	
BalsamPop	Acres	Acres, Balsam poplar type on timberland	
BISpruce	Acres	Acres, Black spruce type on timberland	
CountyName	Name	County Name	
ElmAshCot	Acres	Acres, Elm-ash-cottonwood type on timberland (sometimes referred to as Elm-ash-soft maple)	
FIPS	FIPS code	State/County FIPS code	
JackPine	Acres	Acres, Jack pine type on timberland	
MapBecBir	Acres	Acres, Maple-beech-birch type on timberland (Northern hardwoods)	
Ncedar	Acres	Acres, Northern Cedar type on timberland	
Nonstocked	Acres	Acres, nonstocked timberland	
OakHickory	Acres	Acres, Oak-hickory type on timberland	
PaperBirch	Acres	Acres, Paper birch type on timberland	
RedPine	Acres	Acres, Red pine type on timberland	
ScotchPine	Acres	Acres, Scotch pine type on timberland	
StateName	Name	State abbreviation	
Survey	Code	Survey cycle (4 or 5)	

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Tamarack	Acres	Acres, Red pine type on timberland
Timberland	Acres	Acres, all timberland
WhitePine	Acres	Acres, White pine type on timberland
WtSpruce	Acres	Acres, White spruce type on timberland
Year	Year	Survey year

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### LandUse

**Category:** Forest Area

**Database:** LSAcres.mdb

**DBType:** MS Access

**Description:** Area in each county by major land use -- timberland, reserved timberland, forestland, reserved forestland, nonforest, and census water. Also includes forest as a percent of total land area and timberland as a percent of all forestland.

**Source:** Fourth and fifth forest inventories conducted by the North Central Research Station, USDA-Forest Service for following years: Michigan (1980 and 1993), Minnesota (1977 and 1990) and Wisconsin (1983 and 1996).

**Notes:** Derived from Eastwide Forest Inventory Data Base.

**Area:** Lake States

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:** Periodic

Variable Name	Units	Description	Source
CountyName	Code	Name of county	
FIPS	FIPS code	State/County FIPS code	
Forest Acres	Acres	Acres, all forestland (GLU 20-45)	
GLU20	Acres	Acres, timberland, GLU 20	
GLU25	Acres	Acres, reserved timberland, GLU 25	
GLU40	Acres	Acres, forestland, GLU 40	
GLU45	Acres	Acres, reserved forestland, GLU 45	
GLU60	Acres	Acres, nonforest, GLU 60	
GLU91	Acres	Acres, census water, GLU 91	
LandAcres	Acres	Acres, all land, excluding census water, (GLU 20-60)	
PctForest	Percent	Forestland as a percent of all land, excluding census water	
PctTimberland	Percent	Timberland as a percent of all forestland	
StateName	Code	State abbreviation	
Survey	Code	4 or 5 for fourth or fifth forest inventory cycle in each state	
Year	Year	Survey year	

### Owner

**Category:** Forest Area

**Database:** LSAcres.mdb

**DBType:** MS Access

**Description:** Area in each county by major owner group for the two most recent forest inventories in each state.

**Source:** Fourth and fifth forest inventories conducted by the North Central Research Station, USDA-Forest Service for following years: Michigan (1980 and 1993), Minnesota (1977 and 1990) and Wisconsin (1983 and 1996).

**Notes:** Derived from Eastwide Forest Inventory Data Base.

**Area:** Lake States

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:** Periodic

Variable Name	Units	Description	Source
AllOwners	Acres	Acres of timberland or forestland for all owners	
BLM	Acres	Acres of timberland or forestland for Bureau of Land Management	
County	Acres	Acres of timberland or forestland for County and municipal lands	
CountyName	Name	County Name	
Farmer	Acres	Acres of timberland or forestland for Farmer owned lands	
FarmerLeased	Acres	Acres of timberland or forestland for Farmer owned lands, leased to forest industry	
FIPS	FIPS code	State/County FIPS code	
ForInd	Acres	Acres of timberland or forestland for Forest Industry lands	
Indian	Acres	Acres of timberland or forestland for Indian lands	
NatFor	Acres	Acres of timberland or forestland for National Forests	
OthFed	Acres	Acres of timberland or forestland for Other federal agencies (Not national forests)	
OthPvtCorp	Acres	Acres of timberland or forestland for Other private corporate lands (corporate, but not forest industry)	
OthPvtCorpLeased	Acres	Acres of timberland or forestland for Other private corporate, leased to forest industry	
OthPvtInd	Acres	Acres of timberland or forestland for Other private individual	
OthPvtIndLeased	Acres	Acres of timberland or forestland for Other private individual, leased to forest industry	

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OwnerNEC	Acres	Acres of timberland or forestland for Owner not classified in forest inventory data
PctForInd	Acres	Percent forest industry ownership
PctNIPF	Acres	Percent nonindustrial private ownership (not public, forest industry, or owner not classified)
PctPublic	Acres	Percent public ownership (National forest, Other federal, state, and county/municipal)
State	Acres	Acres of timberland or forestland for State lands
StateName	Name	State abbreviation
Survey	Code	Survey cycle -- 4 or 5
Variable	Code	Timberland or Forestland. Acres values for ownership variables are for either timberland (GLU20) or for all Forestland (GLU 20-45)
Year	Year	Survey year

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### HouseAge

**Category:** Housing

**Database:** Housing.mdb

**DBType:** MS Access

**Description:** Age of the housing stock. Total number of housing units and number of structures built during specific time periods.

**Source:** U.S. Census Bureau

**Notes:**

**Area:** Lake States

**Spatial:** MCDs

**Contact:** Mike Vasievich

**Temporal:** 1990

Variable Name	Units	Description	Source
AreaKey	code	State/county/MCD FIPS code (10 digit)	
AreaName	name	Minor Civil Division (MCD) area and State name	
Built0039	number	Housing units built 1939 or earlier	
Built4049	number	Housing units built from 1940 to 1949	
Built5059	number	Housing units built from 1950 to 1959	
Built6069	number	Housing units built from 1960 to 1969	
Built7079	number	Housing units built from 1970 to 1979	
Built8084	number	Housing units built from 1980 to 1984	
Built8588	number	Housing units built from 1985 to 1988	
Built8990	number	Housing units built from 1989 to March 1990	
TotHouse	number	Total housing units	

**Households**

**Category:** Housing

**Database:** Housing.mdb

**DBType:** MS Access

**Description:** Various housing and household measures

**Source:** U.S. Census Bureau

**Notes:**

**Area:** Lake States

**Spatial:** MCDs

**Contact:** Mike Vasievich

**Temporal:** Most recent

<b>Variable Name</b>	<b>Units</b>	<b>Description</b>	<b>Source</b>
AreaKey	FIPS code	Area key- FIPS code	
AreaName	name	Area name	
FuelWood	number	Number of households using wood heat	
HouseHds	number	Number of households	
HsOcc	number	Number of households occupied H0040001	
HSWPuAs	number	Households with public assistance income	
MedHsInc	dollars	Median household income in 1989	
NoCnSeas	number	Non-condo seasonal homes H0060007	
OwnOcc	number	Owner occupied houses	
PctOwner	percent	Percent owner occupied housing	
PctPov	percent	percent households below poverty level	
PctPuAs	percent	Percent (of households?) with public assistance	
PctRenter	percent	Percent renter occupied	
PctSeas	percent	Percent seasonal homes	
Pctwood	percent	percent of households heated primarily with wood?	
RentOcc	number	Renter occupied houses	
TotHouse	number	Housing units total H0010001	

### AlIMills

**Category:** Industry

**Database:** LSMills.mdb

**DBType:** MS Access

**Description:** List of primary wood using mills in the Lake States, including sawmills, pulpmills, particleboard mills, veneer mills, and other mills.

**Source:** Data provided by Ron Hackett, Forest Inventory and Analysis Unit, North Central Research Station, St. Paul, MN.

**Notes:** Minnesota sawmills may be incomplete.

**Area:** Lake States

**Spatial:** Points

**Contact:** Mike Vasievich

**Temporal:** Most recent (1997)

Variable Name	Units	Description	Source
City	Name	City location of mill	
Company	Name	Name of company	
Lat	Latitude	Latitude location of mill in decimal degrees	
Long	Longitude	Longitude location of mill in decimal degrees	
Size	Code	Mill size. Entries include Tiny, Small, Medium, and Large. These are based primarily on capacity. Actual capacities are not available.	
State	Name	State	
Type	Code	Type of mill. Entries include: Cooperage, Hangle, Miscellaneous, Particleboard, Post-Pole-Pile, Pulpmill, Sawmill, and Veneer.	
Zip	Code	Zip code of mill location	

### LaborFor

**Category:** Labor Force

**Database:** LaborCty.mdb

**DBType:** MS Access

**Description:** General profiles labor force, employment and unemployment at the county level for 1990.

**Source:** U.S. Census Bureau

**Notes:**

**Area:** Midwest States

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:** 1990

Variable Name	Units	Description	Source
ArmedForces	Persons	Number of persons in Armed Forces	S0020008
CivEmployed	persons	Civilian labor force, number of persons employed	S0020004
CivUnemp	persons	Civilian labor force, number of persons unemployed	S0020005
County	Name	State and county name	
FIPS	FIPS code	State/County FIPS code	
LabForce	persons	persons 16 years and over--in labor force	S0020002
PctLabForce	percent	Percent in labor force	S0020003
Persons16	persons	Persons 16 years and over	S0020001
S0020006	percent	percent unemployed	
S0020007	persons	Armed Forces	

**UnEmploy**

**Category:** Labor Force

**Database:** LaborCty.mdb

**DBType:** MS Access

**Description:** Labor force and employment status by gender.

**Source:** U.S. Census Bureau

**Notes:**

**Area:** Midwest States

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:** 1990

Variable Name	Units	Description	Source
County	name	Area name	
FArmedForces	persons	Females 16 years and older in armed forces	P0700005
Femployed	persons	Females 16 years and older in labor force, civilian, employed	P0700006
FIPS	FIPS code	State/County FIPS code	
FNotLabForce	persons	Females 16 years and older not in labor force	P0700008
Funemp	persons	Females 16 years and older in labor force, civilian, unemployed	P0700007
MArmedForces	persons	Males 16 years and older in armed forces	P0700001
Memployed	persons	Males 16 years and older in labor force, civilian employed	P0700002
MNotLabForce	persons	Males 16 years and older not in labor force	P0700004
Munemp	persons	Males 16 years and older in labor force, civilian unemployed	P0700003

**Earnings**

**Category:** Labor Force

**Database:** LaborMCD.mdb

**DBType:** MS Access

**Description:** General profiles labor force, employment and unemployment at the county level for 1990.

**Source:** U.S. Census Bureau

**Notes:**

**Area:** Midwest States

**Spatial:** MCDs

**Contact:** Mike Vasievich

**Temporal:** 1990

<b>Variable Name</b>	<b>Units</b>	<b>Description</b>	<b>Source</b>
AggFarm	dollars	Aggregate farm self-employment income in1989, all households	P1000001
AggNonFarm	dollars	Aggregate nonfarm self-employment income in1989, all households	P0990001
AggWages	dollars	Aggregate wage or salary income in1989, all households	P0980001
AreaKey	FIPS code	State/County/MCD FIPS code	
AreaLand	.001 sq km	MCD land area	
AreaName	number	State and Minor Civil Division Name	
HHEarnings	number	Number of households with earnings in 1989	P0890001
HHFarm	number	Number of households with farm self-employment income	P0920001
HHNonFarm	number	Number of households with nonfarm self-employment income in 1989.	P0910001
HHWages	number	Number of households with wage or salary income in 1989	P0900001
PctFarm	Percent	Percent of households (with earnings) with farm self-employment income	
PctNonFarm	Percent	Percent of households (with earnings) with nonfarm self-employment income	

### LaborFor

**Category:** Labor Force

**Database:** LaborMCD.mdb

**DBType:** MS Access

**Description:** General profiles of labor force, employment and unemployment at the MCD level for 1990.

**Source:** U.S. Census Bureau

**Notes:**

**Area:** Lake States

**Spatial:** MCDs

**Contact:** Mike Vasievich

**Temporal:** 1990

Variable Name	Units	Description	Source
AreaKey	FIPS code	Geographic identifier	
AreaName	name	State and mcd	
ArmedForces	Persons	Number of persons in Armed Forces	S0020008
CivEmploy	Persons	Civilian labor force, number of persons employed	S0020005
CivLabForce	Persons	Civilian labor force, number of persons	S0020004
CivUnemp	Percent	Civilian labor force, number of persons unemployed	S0020006
LabForce	Persons	Persons 16 years and over in labor force	S0020002
PctLabForce	Percent	Percent in labor force	S0020003
PctUnemp	Percent	Percent unemployed	S0020007
Persons16	Persons	Persons 16 years and over	S0020001
S0020009	missing	?? (check on variable ID)	S0020009

**UnEmploy**

**Category:** Labor Force

**Database:** LaborMCD.mdb

**DBType:** MS Access

**Description:** Labor force and employment status by gender.

**Source:** U.S. Census Bureau

**Notes:**

**Area:** Midwest States

**Spatial:** MCDs

**Contact:** Mike Vasievich

**Temporal:** 1990

Variable Name	Units	Description	Source
AreaKey	FIPS code	State/County/MCD FIPS code	
AreaName	name	State and mcd	
FArmedForces	persons	Females 16 years and older in armed forces	P0700005
Femployed	persons	Females 16 years and older in labor force, civilian, employed	P0700006
FNotLabForce	persons	Females 16 years and older not in labor force	P0700008
Funemp	persons	Females 16 years and older in labor force, civilian, unemployed	P0700007
MArmedForces	persons	Males 16 years and older in armed forces	P0700001
Memployed	persons	Males 16 years and older in labor force, civilian employed	P0700002
MNotLabForce	persons	Males 16 years and older not in labor force	P0700004
Munemp	persons	Males 16 years and older in labor force, civilian unemployed	P0700003

### PulpProd

**Category:** Timber

**Database:** Timber.mdb

**DBType:** MS Access

**Description:** Annual pulpwood production in cords for all species by county.

**Source:** Annual pulpwood production reports published by the USDA Forest Service, North Central Research Station, St. Paul, MN

**Notes:**

**Area:** Lake States

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:** Annual, 1970-1995

Variable Name	Units	Description	Source
Avg7175	Cords	Average annual pulpwood production for 5-year period, 1971-1975	
Avg7680	Cords	Average annual pulpwood production for 5-year period, 1976-1980	
Avg8185	Cords	Average annual pulpwood production for 5-year period, 1981-1985	
Avg8690	Cords	Average annual pulpwood production for 5-year period, 1986-1990	
Avg9195	Cords	Average annual pulpwood production for 5-year period, 1991-1995	
Cords1970	Cords	Pulpwood production from county, all species, 1970	
Cords1971	Cords	Pulpwood production from county, all species, 1971	
Cords1972	Cords	Pulpwood production from county, all species, 1972	
Cords1973	Cords	Pulpwood production from county, all species, 1973	
Cords1974	Cords	Pulpwood production from county, all species, 1974	
Cords1975	Cords	Pulpwood production from county, all species, 1975	
Cords1976	Cords	Pulpwood production from county, all species, 1976	
Cords1977	Cords	Pulpwood production from county, all species, 1977	
Cords1978	Cords	Pulpwood production from county, all species, 1978	
Cords1979	Cords	Pulpwood production from county, all species, 1979	
Cords1980	Cords	Pulpwood production from county, all species, 1980	
Cords1981	Cords	Pulpwood production from county, all species, 1981	

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Cords1982	Cords	Pulpwood production from county, all species, 1982
Cords1983	Cords	Pulpwood production from county, all species, 1983
Cords1984	Cords	Pulpwood production from county, all species, 1984
Cords1985	Cords	Pulpwood production from county, all species, 1985
Cords1986	Cords	Pulpwood production from county, all species, 1986
Cords1987	Cords	Pulpwood production from county, all species, 1987
Cords1988	Cords	Pulpwood production from county, all species, 1988
Cords1989	Cords	Pulpwood production from county, all species, 1989
Cords1990	Cords	Pulpwood production from county, all species, 1990
Cords1991	Cords	Pulpwood production from county, all species, 1991
Cords1992	Cords	Pulpwood production from county, all species, 1992
Cords1993	Cords	Pulpwood production from county, all species, 1993
Cords1994	Cords	Pulpwood production from county, all species, 1994
Cords1995	Cords	Pulpwood production from county, all species, 1995
County	Name	County name
CV7175	Percent	Coefficient of variation for 5-year average pulpwood production, 1971-1975
CV7680	Percent	Coefficient of variation for 5-year average pulpwood production, 1976-1980
CV8185	Percent	Coefficient of variation for 5-year average pulpwood production, 1981-1985
CV8690	Percent	Coefficient of variation for 5-year average pulpwood production, 1986-1990
CV9195	Percent	Coefficient of variation for 5-year average pulpwood production, 1991-1995
FIPS	FIPS code	State/County FIPS code
State	Name	State name

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### Volume

**Category:** Timber

**Database:** Timber.mdb

**DBType:** MS Access

**Description:** Average volume, growth, and removals on timberland for each county and on a per acre basis for selected forest inventory years.

**Source:** Periodic forest inventories conducted by the USDA Forest Service, North Central Research Station, St. Paul, MN. Michigan (1980 and 1993), Minnesota (1977 and 1990), and Wisconsin (1983 and 1996)

**Notes:** Derived from Eastwide Forest Inventory Database

**Area:** Lake States

**Spatial:** Counties

**Contact:** Mike Vasievich

**Temporal:** Periodic, 1977-1996

Variable Name	Units	Description	Source
County	Name	County name	
FIPS	FIPS code	State/County FIPS code	
Forestland	Thous Acres	Area of forestland in thousand acres	
GrowthPerAcre	CF	Average annual net growth for growing stock timber on timberland over previous forest inventory cycle, in cubic feet per acre per year	
GSGrowth	MMCF	Average annual net growth for growing stock timber on timberland over previous forest inventory cycle, in million cubic feet per year	
GSRemovals	MMCF	Average annual removals for growing stock timber on timberland over previous forest inventory cycle, in million cubic feet	
GSVolume	MMCF	Growing stock volume on timberland in million cubic feet, all species	
PctTland	Percent	Timberland as a percent of forestland	
SawGrowth	MMBF	Average annual net growth for sawtimber timber on timberland over previous forest inventory cycle, in million board feet per year	
SawRemovals	MMBF	Average annual removals for sawtimber on timberland over previous forest inventory cycle in million board feet	
SawVolume	MMBF	Sawtimber volume on timberland in million board feet	
State	Name	State abbreviation	

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Survey	Code	Survey cycle (4 or 5)
Timbelrand	Thous Acres	Area of timberland in thousand acres
VolPerAcre	CF/Acre	Average growing stock volume on timberland in cubic feet per acre, all species
Year	Year	Year of survey

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