

ICPSR 9252

Uniform Crime Reports: County Level Detailed Arrest and Offense Data, 1985 and 1987

United States Department of Justice Federal Bureau of Investigation

First ICPSR Version February 2005

Inter-university Consortium for Political and Social Research P.O. Box 1248 Ann Arbor, Michigan 48106 www.icpsr.umich.edu

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Data Collection Description

Principal Investigator(s): United States Department of Justice. Federal Bureau of Investigation

Title: Uniform Crime Reports: County Level Detailed Arrest and Offense

Data, 1985 and 1987

ICPSR Study Number: 9252

Summary: The files in this collection contain counts of arrests and offenses in the

United States for Part I and Part II offenses: murder, rape, robbery,

assault, burglary, larceny, auto theft, arson, forgery, fraud,

embezzlement, vandalism, weapons violations, sex offenses, drug and alcohol abuse violations, gambling, vagrancy, curfew, and runaways.

County populations are also reported.

Universe: County law enforcement agencies in the United States.

Date of Collection: 1987

Data Collection Notes: (1) Data have been aggregated to the county level. Within each

county, data for agencies reporting six to eleven months of information were weighted to produce twelve-month equivalents. Data from agencies reporting only statewide figures were allocated to counties proportionate to their share of the state population. (2) The codebook is provided by ICPSR as a Portable Document Format (PDF) files. The PDF file format was developed by Adobe Systems Incorporated and can be accessed using PDF reader software, such as the Adobe Acrobat Reader. Information on how to obtain a copy of the Acrobat

Reader is provided on the ICPSR Web site.

Data Source: self-enumerated forms

Extent of Collection: 8 data files + machine-readable documentation (PDF) + SAS data

definition statements + SPSS data definition statements

Data Format: Logical Record Length with SAS and SPSS data definition statements

File Specifications

| Part No. | Part Name | File Structure | Case Count | Variable Count | LRECL | Records Per Case |
|-------------|--------------------------|----------------|---------------|-------------------|-------|---------------------|
| 1 | Arrests, All Ages: 1985 | rectangular | 3,131 | 53 | 242 | 1 |
| 2 | Arrests, Adults: 1985 | rectangular | 3,131 | 53 | 242 | 1 |
| 3 | Arrests, Juveniles: 1985 | rectangular | 3,131 | 53 | 242 | 1 |
| 4 | Crimes Reported: 1985 | rectangular | 3,130 | 17 | 73 | 1 |
| 5 | Arrests, All Ages: 1987 | rectangular | 3,132 | 53 | 245 | 1 |
| 6 | Arrests, Adults: 1987 | rectangular | 3,132 | 53 | 245 | 1 |
| 7 | Arrests, Juveniles: 1987 | rectangular | 3,132 | 53 | 245 | 1 |

File Specifications

| Part No. | Part Name | File Structure | Case Count | Variable Count | LRECL | Records Per Case |
|-------------|-----------------------|----------------|---------------|-------------------|-------|---------------------|
| 8 | Crimes Reported: 1987 | rectangular | 3,130 | 17 | 74 | 1 |

Related Publications

United States Department of Justice. Federal Bureau of Investigation. UNIFORM CRIME REPORTING HANDBOOK. Washington, DC: United States Government Printing Office, 1980.

United States Department of Justice. Bureau of Justice Statistics. "Felony Sentences In State Courts, 1986." Washington, DC: United States Government Printing Office, 1989.

UNIFORM CRIME REPORTS: COUNTY LEVEL DETAILED ARREST AND OFFENSE DATA, 1985 AND 1987

(ICPSR 9252)

Principal Investigator

U.S. Dept. of Justice, Federal Bureau of Investigation

First ICPSR Edition May 1990

Inter-university Consortium for Political and Social Research P.O. Box 1248
Ann Arbor, Michigan 48106

[Hard copy documentation transformed into machine-readable text utilizing Optical Character Recognition (OCR) Scanning, February 1992]

BIBLIOGRAPHIC CITATION

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REQUEST FOR INFORMATION ON USE OF ICPSR RESOURCES

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The original collector of the data, ICPSR, and the relevant funding agency bear no responsibility for uses of this collection or for interpretations or inferences based upon such uses.

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United States Department of Justice. Federal Bureau of Investigation UNIFORM CRIME REPORTS: COUNTY LEVEL DETAILED ARREST AND OFFENSE DATA, 1985

AND 1987 (ICPSR 9252)

SUMMARY: The files in this collection contain counts of arrests and offenses

for Part I and Part II offenses: murder, rape, robbery, assault, burglary, larceny, auto theft, arson, forgery, fraud, embezzlement, vandalism, weapons

violations, sex offenses, drug and alcohol abuse violations, gambling, vagrancy,

curfew, and runaways. County populations also are reported. CLASS III

UNIVERSE: County law enforcement agencies in the United States. NOTE: Data have been aggregated to the county level. Within each county, data

for agencies reporting six to eleven months of information were weighted to produce twelve-month equivalents. Data from agencies reporting only statewide

figures were allocated to counties proportionate to their share of the state

population.

EXTENT OF COLLECTION: 8 data files DATA FORMAT: Logical Record Length

File Structure: rectangular

Part 1: Arrests, All Ages: Part 2: Arrests, Adults:

1985

1985 File Structure: rectangular

Cases: 3,131 Cases: 3,131 Variables: 53 Variables: 53 Record Length: 242 Record Length: 242 Records Per Case: 1 Records Per Case: 1

Part 3: Arrests, Juveniles: Part 4: Crimes reported:

1985

File Structure: rectangular File Structure: rectangular

Cases: 3,131 Cases: 3,130 Variables: 53 Record Length: 242 Records Per Case: 1

Part 5: Arrests, All Ages: 1987

File Structure: rectangular

Cases: 3,132 Variables: 53 Record Length: 245 Records Per Case: 1

Part 7: Arrests, Juveniles: Part 8: Crimes Reported:

1987

File Structure: rectangular

Cases: 3,132 Variables: 53 Record Length: 245 Records Per Case: 1 Variables: 17 Record Length: 73 Records Per Case: 1

Part 6: Arrests, Adults:

1987

File Structure: rectangular

Cases: 3,132 Variables: 53 Record Length: 245 Records Per Case: 1

1987

File Structure: rectangular

Cases: 3,130 Variables: 17 Record Length: 74 Records Per Case: 1

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RELATED PUBLICATIONS:

United States Department of Justice. Federal Bureau of Investigation.

UNIFORM CRIME REPORTING HANDBOOK. Washington, DC: United States Government

Printing Office, 1980.

United States Department of Justice. Bureau of Justice Statistics. "Felony Sentences In State Courts, 1986." Washington, DC: United States

Government Printing Office, 1989.

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| APPENDIX State and County Codes | 1 |

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ICPSR

i

DATA COLLECTION DESCRIPTION

The Uniform Crime Reports: County Level Detailed Arrest and Offense Data,

1985 and 1987 reports counts of arrests and offenses known for UCR Index crimes: rape, robbery, assault, burglary, larceny, auto theft, and arson. County populations are also reported. The data were originally collected by the

Federal Bureau of Investigation from reports submitted by agencies participating in the UCR. Detailed discussions of reporting procedures are found in the UNIFORM CRIME REPORTING HANDBOOK (Washington, DC: U.S. Government

Printing Office, 1980), and the codebooks for the ICPSR's agency level UCR data

collections (see ICPSR 9028).

For this data collection, the original FBI agency level data have been aggregated to the county level. Data from agencies reporting between six and

eleven months of information are weighted to produce twelve month equivalents.

For example, data from an agency reporting 11 months of figures are multiplied

by 1.09 (12/11). Agencies reporting less than six months of data were excluded

from the aggregation. Some jurisdictions, such as state parks and some state $\ensuremath{\mathsf{S}}$

police, provide data only on a statewide basis. In these cases, data are allocated to counties proportionate to their share of the state population.

a few instances, statewide are not allocated because of reporting peculiarities

or excessive missing data in the state; these agencies have been kept as separate records and are identified by the county code 999. Finally, cities designated by the Census Bureau as independent cities are reported separately,

and have unique "county" codes (see Appendix A).

This collection consists of two OSIRIS dictionaries and four OSIRIS data

files for each year of data, resulting in eight parts to the dataset. There is

one dictionary for the three 1985 Arrest files (Parts 1 through 3 of the dataset), one for the 1985 Offense file (Part 4), one for the three 1987 Arrest

files (Parts 5 through 7), and one for the 1987 Offense file (Part 8). The 1985

Arrest offense data has 3131 cases for 53 variables, with a record length of

242. The 1985 Offense file has 3,130 cases for 17 variables, with a record length of 73. The 1987 Arrest offense file has 3132 cases for 53 variables, with a record length of 245. The 1987 Offense file has 3,130 cases for 17 variables, with a record length of 74.

ii

VARIABLE DESCRIPTION FOR UCR COUNTY ARREST FILE 1985 (ICPSR 9252, Parts 1 through 3)

| | (ICPSR 9252, Parts I till | ougii 3) | | 201 |
|-------------|---|-------------|------------|-----------------|
| Var : V1 | # Variable ICPSR STUDY NUMBER-9252 | Column 1 | Width 4 | Missing Data |
| V2 | ICPSR EDITION NUMBER-1 | 5 | 1 | |
| V3 | ICPSR PART NUMBER 1-2-3 | 6 | 1 | |
| V4 | ICPSR SEQ ID NUMBER | 7 | 4 | |
| V5 | FIPS STATE CODE see Appendix A | 11 | 2 | |
| V6 | FIPS COUNTY CODE see Appendix A | 13 | 3 | |
| V7 | POPULATION | 16 | 7 | |
| V8 | GRAND TOTAL Total number of arrests. Includes non-index crimes such as fraud, gambling, forgery, prostitution. | 23 | 7 | 9999999 |
| V9 | PART 1 TOTAL Total number of Part I (index) crimes. This is the sum of variables 13 through 19. | 30 | 6 | 999999 |
| V10 | VIOLENT CRIMES Sum of variables 12 Through 15. | 36 | 5 | 99999 |
| V11 | PROPERTY CRIMES Sum of variables 16 through 19. | 41 | 5 | 99999 |
| V12 | MURDERS | 46 | 4 | 9999 |
| V13 | RAPES | 50 | 4 | 9999 |
| V14 | ROBBERIES | 54 | 5 | 99999 |
| V15 | AGGRAVATED ASSAULTS | 59 | 5 | 99999 |
| V16 | BURGLARIES | 64 | 5 | 99999 |
| V17 | LARCENIES | 69 | 5 | 99999 |
| V18 | AUTO THEFTS | 74 | 5 | 99999 |

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iii

| V19 | ARSONS | 79 | 4 | 9999 |
|-----|--|-----|---|--------|
| V20 | OTHER ASSAULTS | 83 | 5 | 99999 |
| V21 | FORGERY/COUNTERFEITING | 88 | 4 | 9999 |
| V22 | FRAUD | 92 | 5 | 99999 |
| V23 | EMBEZZLEMENT | 97 | 3 | 999 |
| V24 | HAVE STOLEN PROPERTY Buying, receiving, possessing | 100 | 5 | 99999 |
| V25 | VANDALISM | 105 | 5 | 99999 |
| V26 | WEAPONS VIOLATIONS Carrying, possessing, etc. | 110 | 5 | 99999 |
| V27 | PROSTITUTION/COMM VICE Prostitution and commercialized vice. | 115 | 5 | 99999 |
| V28 | SEX OFFENSES Not including forcible rape and prostitution. | 120 | 5 | 99999 |
| V29 | DRUG ABUSE VIOL. TOTAL Violations of narcotic drug laws. The sum of variables 30 and 35. | 125 | 6 | 999999 |
| V30 | DRUG ABUSE SALE/MANUFAC The sale and/or manufacture of narcotics. The sum of variables 31 through 34. | 131 | 5 | 99999 |
| V31 | OPIUM/COCAINE SALE/MANUF Sale and/or manufacture of opium or cocaine and their derivatives (morphine, heroin, codeine) | 136 | 5 | 99999 |
| V32 | MARIJUANA SALE/MANUF Sale and/or manufacture of marijuana | 141 | 5 | 99999 |

iv SYNTHETIC DRUG SALE/MANU 3 V33 146 999 Synthetic narcotics: manufactured narcotics which can cause true drug addiction (demerol, methadones) V34 OTHER: DANG NON-NARCOTICS 149 4 9999 Dangerous non-narcotic drugs (barbiturates, benzedrine) V35 DRUG POSSESSION SUBTOTAL 99999 153 5 The sum of variables 36-39. OPIUM/COCAINE POSSESSION 99999 V36 158 5 Possession of opium or cocaine and their derivatives (morphine, heroin, codeine) V37 MARIJUANA POSSESSION 163 5 99999 V38 SYNTH NARCOTICS POSSESSN 168 3 999 Synthetic narcotics possession: manufactured narcotics which can cause true drug addiction (demerol, methadones) V39 DRUG POSSESSION: OTHER 171 5 99999 Other dangerous non-narcotic drugs (barbiturates, benzedrine) V40 GAMBLING: TOTAL 9999 176 4 Gambling offenses, Sum of variables 41 through 43. V41 BOOKMAKING (HORSE-SPORT) 180 9999 V42 NUMBERS & LOTTERY 184 4 9999 V43 GAMBLING: ALL OTHER 188 4 9999 V44 OFFEN AGAINST FAM & CHIL 192 9999

Offenses against the family

and children.

V53 RUN-AWAYS (JUVENILES)

| | V45 | DRIVING UNDER INFLUENCE | 196 | 6 | 999999 |
|-----------|-------|--|-----|---|--------|
| | V46 | LIQUOR LAW VIOLATIONS | 202 | 5 | 99999 |
| 1 9252 | Page | 8 | v | | ICPSR |
| | V47 | DRUNKENNESS | 207 | 5 | 99999 |
| | V48 | DISORDERLY CONDUCT | 212 | 5 | 99999 |
| | V49 | VAGRANCY | 217 | 5 | 99999 |
| | V50 | ALL OTH OFFS EX TRAFFIC | 222 | 6 | 999999 |
| | V51 | SUSPICION | 228 | 4 | 9999 |
| | V52 (| CURFEW, LOITERING LAWS Juveniles only. | 232 | 6 | 999999 |

238 5 99999

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VARIABLE DESCRIPTION FOR UCR COUNTY OFFENSES FILE 1985 (ICPSR 9252, Part 4)

| Var # | Variable | Column | Width | Missing Data |
|-------|---|--------|-------|-----------------|
| V1 | ICPSR STUDY NUMBER-9252 | 1 | 4 | |
| V2 | ICPSR EDITION NUMBER-1 | 5 | 1 | |
| V3 | ICPSR PART NUMBER-4 | 6 | 1 | |
| V4 | ICPSR SEQ ID NUMBER Sequential case ID | 7 | 4 | |
| V5 | FIPS STATE CODE see Appendix A | 11 | 2 | |
| V6 | FIPS COUNTY CODE see Appendix A | 13 | 3 | |
| V7 | POPULATION | 16 | 7 | 9999999 |
| V8 | INDEX Total number of UCR Index crimes, excluding arson. The sum of variables 10 through 16. | 23 | 6 | 999999 |
| V9 | MODIFIED INDEX Total number of UCR Index crimes, including arson. The sum of variables 10 through 17. | 29 | 6 | 999999 |
| V10 | MURDERS | 35 | 4 | 9999 |

| V11 | FORCIBLE RAPES | 39 | 4 | 9999 |
|-----|----------------------|----|---|--------|
| V12 | ROBBERIES | 43 | 5 | 99999 |
| V13 | AGGRAVATED ASSAULTS | 48 | 5 | 99999 |
| V14 | BURGLARIES | 53 | 6 | 999999 |
| V15 | LARCENIES | 59 | 6 | 999999 |
| V16 | MOTOR VEHICLE THEFTS | 65 | 5 | 99999 |
| V17 | ARSONS | 70 | 4 | 9999 |

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VARIABLE DESCRIPTION FOR UCR COUNTY ARREST FILE 1987 (ICPSR 9252, Parts 5 through 7)

| | (ICPSR 9232, Parts 3 tr | irougii /) | | Missing |
|-------|---|------------|-------|---------|
| Var # | Variable | Column | Width | Data |
| V1 | ICPSR STUDY NUMBER-9252 | 1 | 4 | |
| V2 | ICPSR EDITION NUMBER-1 | 5 | 1 | |
| V3 | ICPSR PART NUMBER 5-6-7 | 6 | 1 | |
| V4 | ICPSR SEQ ID NUMBER | 7 | 4 | |
| V5 | FIPS STATE CODE see Appendix A | 11 | 2 | |
| V6 | FIPS COUNTY CODE see Appendix A | 13 | 3 | |
| V7 | POPULATION | 16 | 7 | |
| V8 | GRAND TOTAL Total number of arrests. Includes non-index crimes such as fraud, gambling, forgery, prostitution. | 23 | 7 | 9999999 |
| V9 | PART 1 TOTAL Total number of Part I (index) crimes. This is the sum of variables 13 through 19. | 30 | 7 | 9999999 |

| V10 | VIOLENT CRIMES Sum of variables 12 through 15. | 37 | 5 | 99999 |
|-------|---|---------|---|-------|
| V11 | PROPERTY CRIMES Sum of variables 16 through 19. | 42 | 5 | 99999 |
| V12 | MURDERS | 47 | 4 | 9999 |
| V13 | RAPES | 51 | 4 | 9999 |
| V14 | ROBBERIES | 55 | 5 | 99999 |
| V15 | AGGRAVATED ASSAULTS | 60 | 5 | 99999 |
| V16 | BURGLARIES | 65 | 5 | 99999 |
| V17 | LARCENIES | 70 | 5 | 99999 |
| ICPSR | 9252 | viii | | Page |
| | | V 1 1 1 | | |
| V18 | AUTO THEFTS | 75 | 5 | 99999 |
| V19 | ARSONS | 80 | 4 | 9999 |
| | | | | |

| V18 | AUTO THEFTS | 75 | 5 | 99999 |
|-----|--|-----|---|-------|
| V19 | ARSONS | 80 | 4 | 9999 |
| V20 | OTHER ASSAULTS | 84 | 5 | 99999 |
| V21 | FORGERY/COUNTERFEITING | 89 | 4 | 9999 |
| V22 | FRAUD | 93 | 5 | 99999 |
| V23 | EMBEZZLEMENT | 98 | 3 | 999 |
| V24 | HAVE STOLEN PROPERTY Buying, receiving, possessing | 101 | 5 | 99999 |
| V25 | VANDALISM | 106 | 5 | 99999 |
| V26 | WEAPONS VIOLATIONS Carrying, possessing, etc. | 111 | 5 | 99999 |
| V27 | PROSTITUTION/COMM VICE Prostitution and commercialized vice. | 116 | 5 | 99999 |
| V28 | SEX OFFENSES Not including forcible rape and | 121 | 4 | 9999 |

prostitution.

| V29 | DRUG ABUSE VIOL. TOTAL Violations of narcotic drug laws. The sum of variables 30 and 35. | 125 | 6 | 999999 |
|-----|--|-----|---|--------|
| V30 | DRUG ABUSE SALE/MANUFAC The sale and/or manufacture of narcotics. The sum of variables 31 through 34. | 131 | 5 | 99999 |
| V31 | OPIUM/COCAINE SALE/MANUF Sale and/or manufacture of opium or cocaine and their derivatives (morphine, heroin, codeine) | 136 | 5 | 99999 |
| V32 | MARIJUANA SALE/MANUF Sale and/or manufacture of marijuana | 141 | 5 | 99999 |

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| V33 | SYNTHETIC DRUG SALE/MANU Synthetic narcotics: manufactured narcotics which can cause true drug addiction (demerol, methadones) | 146 | 4 | 9999 |
|-----|--|-----|---|-------|
| V34 | OTHER: DANG NON-NARCOTICS Dangerous non-narcotic drugs (barbiturates, benzedrine) | 150 | 5 | 99999 |
| V35 | DRUG POSSESSION SUBTOTAL The sum of variables 36-39. | 155 | 5 | 99999 |
| V36 | OPIUM/COCAINE POSSESSION Possession of opium or cocaine and their derivatives (morphine, heroin, codeine) | 160 | 5 | 99999 |
| V37 | MARIJUANA POSSESSION | 165 | 5 | 99999 |
| V38 | SYNTH NARCOTICS POSSESSN Synthetic narcotics possession: | 170 | 3 | 999 |

| manufa | actur | ed | nar | cotics | which | can |
|--------|--------|-----|-----|---------|-------|-----|
| cause | true | dı | cug | addicti | lon | |
| (demer | col, r | net | hac | dones) | | |

| V39 | DRUG POSSESSION: OTHER Other dangerous non-narcotic drugs (barbiturates, benzedrine) | 173 | 4 | 9999 |
|-----|--|-----|---|--------|
| V40 | GAMBLING: TOTAL Gambling offenses, Sum of variables 41 through 43. | 177 | 5 | 99999 |
| V41 | BOOKMAKING (HORSE-SPORT) | 182 | 4 | 9999 |
| V42 | NUMBERS & LOTTERY | 186 | 4 | 9999 |
| V43 | GAMBLING: ALL OTHER | 190 | 4 | 9999 |
| V44 | OFFEN AGAINST FAM & CHIL Offenses against the family and children. | 194 | 4 | 9999 |
| V45 | DRIVING UNDER INFLUENCE | 198 | 6 | 999999 |
| V46 | LIQUOR LAW VIOLATIONS | 204 | 5 | 99999 |

x

| V47 | DRUNKENNESS | 209 | 5 | 99999 |
|-----|--|-----|---|--------|
| V48 | DISORDERLY CONDUCT | 214 | 6 | 999999 |
| V49 | VAGRANCY | 220 | 5 | 99999 |
| V50 | ALL OTH OFFS EX TRAFFIC | 225 | 6 | 999999 |
| V51 | SUSPICION | 231 | 4 | 9999 |
| V52 | CURFEW, LOITERING LAWS Juveniles only. | 235 | 6 | 999999 |
| V53 | RUN-AWAYS (JUVENILES) | 241 | 5 | 99999 |

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VARIABLE DESCRIPTION FOR UCR COUNTY OFFENSES FILE 1987 (ICPSR 9252, Part 8)

| Var # | Variable | Column | Width | Missing Data |
|-------|---|--------|-------|-----------------|
| V1 | ICPSR STUDY NUMBER-9252 | 1 | 4 | |
| V2 | ICPSR EDITION NUMBER-1 | 5 | 1 | |
| V3 | ICPSR PART NUMBER-8 | 6 | 1 | |
| V4 | ICPSR SEQ ID NUMBER Sequential case ID | 7 | 4 | |

| V5 | FIPS STATE CODE see Appendix A | 11 | 2 | |
|------------|---|----|---|---------|
| V6 | FIPS COUNTY CODE see Appendix A | 13 | 3 | |
| V 7 | POPULATION | 16 | 7 | 9999999 |
| V8 | INDEX Total number of UCR Index crimes, excluding arson. The sum of variables 10 through 16. | 23 | 6 | 999999 |
| V9 | MODIFIED INDEX Total number of UCR Index crimes, including arson. The sum of variables 10 through 17. | 29 | 6 | 999999 |
| V10 | MURDERS | 35 | 4 | 9999 |
| V11 | FORCIBLE RAPES | 39 | 4 | 9999 |
| V12 | ROBBERIES | 43 | 5 | 99999 |
| V13 | AGGRAVATED ASSAULTS | 48 | 5 | 99999 |
| V14 | BURGLARIES | 53 | 6 | 999999 |
| V15 | LARCENIES | 59 | 6 | 999999 |
| V16 | MOTOR VEHICLE THEFTS | 65 | 6 | 999999 |
| V17 | ARSONS | 71 | 4 | 9999 |

APPENDIX

State and County Codes

Following is a listing of state and county codes used in this study. State $\,$

and county codes are separated by decimals, with the state code appearing first. States are identified by two-digit codes, though the leading zeros

do

not appear in this listing. The county codes are three digits wide.

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FIPS Codes for UCR County-Level Data

1 Alabama 1.001 Autauga 1.107 Pickens 1.109 Pike

| 1.003 | Baldwin | 1.111 | Randolph |
|-------|-----------|-------|----------------------|
| 1.005 | Barbour | 1.113 | Russell |
| 1.007 | Bibb | 1.115 | St. Ciair |
| 1.009 | Clair | 1.117 | Shelby |
| 1.011 | Bullock | 1.119 | Sumter |
| 1.013 | Butler | 1.121 | Talladega |
| 1.015 | Calhoun | 1.123 | Tallapoosa |
| 1.017 | Chambers | 1.125 | Tuscaloosa |
| 1.019 | Cherokee | 1.127 | Walker |
| 1.021 | Chilton | 1.129 | Washington |
| 1.023 | Choctaw | 1.131 | Wilcox |
| 1.025 | Clarke | 1.133 | Winston |
| 1.027 | Clay | 2 | Alaska (UCR FIPS) |
| 1.029 | Cleburne | 2.010 | Aleutian Islands |
| 1.031 | Coffee | 2.020 | Anchorage |
| 1.033 | Colbert | 2.030 | Angoon |
| 1.035 | Conecuh | 2.050 | Bethel |
| 1.037 | Coosa | 2.060 | Bristol Bay Borough |
| 1.039 | Covington | 2.070 | Dillingham |
| 1.041 | Crenshaw | 2.090 | Fairbanks North Star |
| 1.043 | Cullman | 2.100 | Haines |
| 1.045 | Dale | 2.110 | Juneau |
| 1.047 | Dallas | 2.122 | Kenai Peninsula |
| 1.049 | De Kalb | 2.130 | Ketchikan |
| 1.051 | Elmore | 2.140 | Kobuk |
| | | | |

1.053Escambia2.150Kodiak Island1.055Etowah2.160Kuskokwim1.057Fayette2.170Matanuska-Susitna

| 1.059 | Franklin | 2.180 | Nome |
|-------|------------|-------|------------------------|
| 1.061 | Geneva | 2.185 | North Slope |
| 1.063 | Greene | 2.201 | Prince of Wales-Outer |
| 1.065 | Hale | 2.220 | Sitka |
| 1.067 | Henry | 2.231 | Skagway-Yakutat-Angoon |
| 1.069 | Houston | 2.261 | Valdez-Cordova |
| 1.071 | Jackson | 2.280 | Wrangell-Petersburg |
| 1.073 | Jefferson | 3 | American Samoa |
| 1.075 | Lamar | | (No coordinates) |
| 1.077 | Lauderdale | 4 | Arizona |
| 1.079 | Lawrence | | Apache |
| 1.081 | Lee | | Cochise |
| 1.083 | Limestone | | Coconino |
| 1.085 | Lowndes | 4.007 | Gila |
| 1.087 | Macon | | Graham |
| 1.089 | Madison | | Greenlee |
| 1.091 | Marengo | 4.013 | Maricopa |
| 1.093 | Marion | 4.015 | Mohave |
| 1.095 | Marshall | 4.017 | Navajo |
| 1.097 | Mobile | 4.019 | Pima |
| 1.099 | Monroe | 4.021 | Pinal |
| 1.101 | Montgomery | 4.023 | Santa Cruz |
| 1.103 | Morgan | 4.025 | Yavapai |
| 1.105 | Perry | 4.027 | Yuma |
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| 5 | Arkansas | 5.107 | Phillips |
| | Arkansas | 5.109 | Pike |
| | Ashley | 5.111 | Poinsett |
| 5.005 | Baxter | 5.113 | Polk |
| 5.007 | Benton | 5.115 | Pope |
| 5.009 | Boone | 5.117 | Prairie |
| 5.011 | Bradley | | Pulaski |
| 5.013 | Calhoun | 5.121 | Randolph |
| 5.015 | Carroll | 5.123 | St. Francis |
| 5.017 | Chicot | 5.125 | Saline |
| 5.019 | Clark | 5.127 | Scott |
| 5.021 | Clay | 5.129 | Searcy |
| 5.023 | Cleburne | 5.131 | Sebastian |
| 5.025 | Cleveland | | Sevier |
| 5.027 | Columbia | 5.135 | Sharp |
| 5.029 | Conway | 5.137 | Stone |
| 5.031 | Craighead | 5.139 | Union |
| 5.033 | Crawford | 5.141 | Van Buren |
| 5.035 | Crittenden | 5.143 | Washington |
| 5.037 | Cross | 5.145 | White |
| 5.039 | Dallas | 5.147 | Woodruff |
| 5.041 | Desha | 5.149 | Yell |
| 5.043 | Drew | 6 | California |
| 5.045 | Faulkner | 6.001 | Alameda |
| 5.047 | Franklin | 6.003 | Alpine |
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| 5.049 | Fulton | 6.005 | Amador |
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| 5.051 | Garland | 6.007 | Butte |
| 5.053 | Grant | 6.009 | Calaveras |
| 5.055 | Greene | 6.011 | |
| 5.057 | Hempstead | 6.013 | |
| 5.059 | Hot Spring | 6.015 | |
| 5.061 | Howard | 6.017 | |
| 5.063 | Independence | | Fresno |
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| 5.065 | Izard | | Glenn |
| 5.067 | Jackson | | Humboldt |
| 5.069 | Jefferson | 6.025 | - |
| 5.071 | Johnson | 6.027 | 4 |
| 5.073 | Lafayette | 6.029 | |
| 5.075 | Lawrence | 6.031 | 3 |
| 5.077 | Lee | 6.033 | |
| 5.079 | Lincoln | | Lassen |
| 5.081 | Little River | 6.037 | Los Angeles |
| 5.083 | Logan | 6.039 | Madera |
| 5.085 | Lonoke | 6.041 | Marin |
| 5.087 | Madison | 6.043 | Mariposa |
| 5.089 | Marion | 6.045 | |
| 5.091 | Miller | 6.047 | Merced |
| 5.093 | Mississippi | 6.049 | Modoc |
| 5.095 | Monroe | 6.051 | |
| 5.097 | Montgomery | | Monterey |
| 5.099 | Nevada | 6.055 | |
| 5.101 | Newton | 6.057 | |
| 5.103 | Ouachita | | Orange |
| 5.105 | | 6.061 | |
| 3.103 | Perry | 0.001 | Placel |
| | | | |
| 6.063 | Dlumag | 8.049 | Grand |
| | Plumas | | |
| 6.065 | Riverside | 8.051 | |
| 6.067 | Sacramento | | Hinsdale |
| 6.069 | San Benito | | Huerfano |
| 6.071 | | | Jackson |
| 6.073 | San Diego | | |
| | _ | 8.059 | |
| 6.075 | San Francisco | 8.061 | Kiowa |
| 6.077 | _ | 8.061 | |
| 6.077 6.079 | San Francisco | 8.061 | Kiowa Kit Carson Lake |
| 6.077 | San Francisco San Joaquin | 8.061 8.063 | Kiowa Kit Carson Lake |
| 6.077 6.079 | San Francisco San Joaquin San Luis Obispo | 8.061 8.063 8.065 | Kiowa Kit Carson Lake La Plata |
| 6.077 6.079 6.081 | San Francisco San Joaquin San Luis Obispo San Mateo | 8.061 8.063 8.065 8.067 | Kiowa Kit Carson Lake La Plata Larimer |
| 6.077 6.079 6.081 6.083 | San Francisco San Joaquin San Luis Obispo San Mateo Santa Barbara | 8.061 8.063 8.065 8.067 8.069 | Kiowa Kit Carson Lake La Plata Larimer Las Animas |
| 6.077 6.079 6.081 6.083 6.085 | San Francisco San Joaquin San Luis Obispo San Mateo Santa Barbara Santa Clara | 8.061 8.063 8.065 8.067 8.069 8.071 | Kiowa Kit Carson Lake La Plata Larimer Las Animas Lincoln |
| 6.077 6.079 6.081 6.083 6.085 6.087 | San Francisco San Joaquin San Luis Obispo San Mateo Santa Barbara Santa Clara Santa Cruz | 8.061 8.063 8.065 8.067 8.069 8.071 8.073 | Kiowa Kit Carson Lake La Plata Larimer Las Animas Lincoln Logan |
| 6.077 6.079 6.081 6.083 6.085 6.087 6.089 | San Francisco San Joaquin San Luis Obispo San Mateo Santa Barbara Santa Clara Santa Cruz Shasta Sierra | 8.061 8.063 8.065 8.067 8.069 8.071 8.073 8.075 8.077 | Kiowa Kit Carson Lake La Plata Larimer Las Animas Lincoln Logan Mesa |
| 6.077 6.079 6.081 6.083 6.085 6.087 6.089 6.091 6.093 | San Francisco San Joaquin San Luis Obispo San Mateo Santa Barbara Santa Clara Santa Cruz Shasta Sierra Siskiyou | 8.061 8.063 8.065 8.067 8.069 8.071 8.073 8.075 8.077 | Kiowa Kit Carson Lake La Plata Larimer Las Animas Lincoln Logan Mesa Mineral |
| 6.077 6.079 6.081 6.083 6.085 6.087 6.089 6.091 6.093 6.095 | San Francisco San Joaquin San Luis Obispo San Mateo Santa Barbara Santa Clara Santa Cruz Shasta Sierra Siskiyou Solano | 8.061 8.063 8.065 8.067 8.069 8.071 8.073 8.075 8.077 8.079 | Kiowa Kit Carson Lake La Plata Larimer Las Animas Lincoln Logan Mesa Mineral Moffat |
| 6.077 6.079 6.081 6.083 6.085 6.087 6.089 6.091 6.093 6.095 6.097 | San Francisco San Joaquin San Luis Obispo San Mateo Santa Barbara Santa Clara Santa Cruz Shasta Sierra Siskiyou Solano Sonoma | 8.061 8.063 8.065 8.067 8.069 8.071 8.073 8.075 8.077 8.079 8.081 8.083 | Kiowa Kit Carson Lake La Plata Larimer Las Animas Lincoln Logan Mesa Mineral Moffat Montezuma |
| 6.077 6.079 6.081 6.083 6.085 6.087 6.089 6.091 6.093 6.095 6.097 | San Francisco San Joaquin San Luis Obispo San Mateo Santa Barbara Santa Clara Santa Cruz Shasta Sierra Siskiyou Solano Sonoma Stanislaus | 8.061 8.063 8.065 8.067 8.069 8.071 8.073 8.075 8.077 8.079 8.081 8.083 8.085 | Kiowa Kit Carson Lake La Plata Larimer Las Animas Lincoln Logan Mesa Mineral Moffat Montezuma Montrose |
| 6.077 6.079 6.081 6.083 6.085 6.087 6.089 6.091 6.093 6.095 6.097 6.099 6.101 | San Francisco San Joaquin San Luis Obispo San Mateo Santa Barbara Santa Clara Santa Cruz Shasta Sierra Siskiyou Solano Sonoma Stanislaus Sutter | 8.061 8.063 8.065 8.067 8.069 8.071 8.073 8.075 8.077 8.079 8.081 8.083 8.085 8.087 | Kiowa Kit Carson Lake La Plata Larimer Las Animas Lincoln Logan Mesa Mineral Moffat Montezuma Montrose Morgan |
| 6.077 6.079 6.081 6.083 6.085 6.087 6.089 6.091 6.093 6.095 6.097 6.099 6.101 6.103 | San Francisco San Joaquin San Luis Obispo San Mateo Santa Barbara Santa Clara Santa Cruz Shasta Sierra Siskiyou Solano Sonoma Stanislaus Sutter Tehama | 8.061 8.063 8.065 8.067 8.069 8.071 8.073 8.075 8.077 8.081 8.083 8.085 8.085 8.089 | Kiowa Kit Carson Lake La Plata Larimer Las Animas Lincoln Logan Mesa Mineral Moffat Montezuma Montrose Morgan Otero |
| 6.077 6.079 6.081 6.083 6.085 6.087 6.089 6.091 6.093 6.095 6.097 6.099 6.101 | San Francisco San Joaquin San Luis Obispo San Mateo Santa Barbara Santa Clara Santa Cruz Shasta Sierra Siskiyou Solano Sonoma Stanislaus Sutter | 8.061 8.063 8.065 8.067 8.069 8.071 8.073 8.075 8.077 8.079 8.081 8.083 8.085 8.087 | Kiowa Kit Carson Lake La Plata Larimer Las Animas Lincoln Logan Mesa Mineral Moffat Montezuma Montrose Morgan Otero Ouray |

| 6.109 | Tuolumne | 8.095 | Phillips |
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| 6.111 | Ventura | 8.097 | Pitkin |
| 6.113 | Yolo | 8.099 | Prowers |
| 6.115 | Yuba | 8.101 | Pueblo |
| 7 | Canal Zone | 8.103 | Rio Blanco |
| | (No coordinates) | 8.105 | Rio Grande |
| 8 | Colorado | 8.107 | Routt |
| 8.001 | Adams | 8.109 | Saguache |
| 8.003 | Alamosa | 8.111 | San Juan |
| 8.005 | Arapahoe | 8.113 | San Miguel |
| 8.007 | Archuleta | 8.115 | Sedgwick |
| 8.009 | Baca | 8.117 | Summit |
| 8.011 | Bent | 8.119 | Teller |
| 8.013 | Boulder | 8.121 | Washington |
| 8.015 | Chaffee | 8.123 | Weld |
| 8.017 | Cheyenne | 8.125 | Yuma |
| 8.019 | Clear Creek | 9 | Connecticut |
| 8.021 | Conejos | 9.001 | |
| 8.023 | Costilla | 9.003 | |
| 8.025 | Crowley | 9.005 | Litchfield |
| 8.027 | Custer | 9.003 | Middlesex |
| 8.029 | Delta | 9.009 | New Haven |
| 8.031 | | 9.009 | New London |
| | Denver Dolores | | Tolland |
| 8.033 | | 9.013 | Windham |
| 8.035 | Douglas | 9.015 | |
| 8.037 | Eagle | 10 | Delaware |
| 8.039 | Elbert | 10.001 | |
| 8.041 | El Paso | 10.003 | New Castle |
| 8.043 | Fremont | 10.005 | Sussex |
| 8.045 | Garfield | 11 | District of Columbia |
| 8.047 | Gilpin | 11.001 | District of Columbia |
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| 12 | Florida | 12.107 | Putnam |
| | Alachua | | St. Johns |
| | Baker | 12.109 | |
| | | 12.111 | Santa Rosa |
| 12.005 12.007 | Bay Bradford | 12.113 12.115 | Sarasota |
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| 12.009 | | 12.117 | |
| 12.011 | Broward | 12.119 | Sumter |
| 12.013 | Calhoun | 12.121 | Suwannee |
| 12.015 | Charlotte | 12.123 | Taylor |
| 12.017 | Citrus | 12.125 | Union |
| 12.019 | Clay | 12.127 | Volusia |
| 12.021 | Collier | 12.129 | Wakulla |
| 12.023 | Columbia | 12.131 | Walton |
| 12.025 | Dade | 12.133 | Washington |
| 12.027 | De Soto | 13 | Georgia |
| 12.029 | Dixie | 13.001 | Appling |
| 12.031 | Duval | 13.003 | Atkinson |
| 12.033 | Escambia | 13.005 | Bacon |
| 12.035 | Flagler | 13.007 | Baker |
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12.037 Franklin
                                                13.009 Baldwin
    12.039 Gadsden
                                                13.011 Banks
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    12.041 Gilchrist
                                                13.013 Barrow
    12.043 Glades
                                                13.015 Bartow
    12.045 Gulf
                                                13.017 Ben Hill
    12.047 Hamilton
                                                13.019 Berrien
    12.049 Hardee
                                               13.021 Bibb
                                                13.023 Bleckley
    12.051 Hendry
    12.053 Hernando
                                                13.025 Brantley
    12.055 Highlands
                                                13.027 Brooks
    12.057 Hillsborough
                                                13.029 Bryan
    12.059 Holmes
                                               13.031 Bulloch
                                               13.033 Burke
    12.061 Indian River
    12.063 Jackson
                                                13.035 Butts
    12.065 Jefferson
                                               13.037 Calhoun
                                                13.039 Camden
    12.067 Lafayette
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    12.069 Lake
    12.071 Lee
                                                13.045 Carroll
    12.073 Leon
                                               13.047 Catoosa
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    12.075 Levy
    12.077 Liberty
                                               13.051 Chatham
    12.079 Madison
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    12.081 Manatee
    12.083 Marion
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    12.085 Martin
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    12.087 Monroe
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    12.089 Nassau
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    12.091 Okaloosa
    12.093 Okeechobee
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    12.095 Orange
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    12.097 Osceola
    12.099 Palm Beach
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    12.101 Pasco
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    12.103 Pinellas
                                                13.077 Coweta
    12.105 Polk
                                                13.079 Crawford
    13.081 Crisp
                                                13.189 McDuffie
    13.083 Dade
                                                13.191 McIntosh
    13.085 Dawson
                                                13.193 Macon
    13.087 Decatur
                                                13.195 Madison
    13.089 De Kalb
                                                13.197 Marion
    13.091 Dodge
                                                13.199 Meriwether
                                                13.201 Miller
    13.093 Dooly
    13.095 Dougherty
                                                13.205 Mitchell
    13.097 Douglas
                                               13.207 Monroe
    13.099 Early
                                               13.209 Montgomery
    13.101 Echols
                                               13.211 Morgan
    13.103 Effingham
                                               13.213 Murray
    13.105 Elbert
                                               13.215 Muscogee
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| 1 21 | 13.107 13.109 13.111 13.113 13.115 13.117 | Evans Fannin Fayette Floyd Forsyth | 13.217 13.219 13.221 13.223 13.225 13.227 | Oconee Oglethorpe Paulding Peach |
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| | 13.119 13.121 13.123 13.125 13.127 13.129 13.131 13.133 13.135 13.137 13.141 13.143 13.145 13.147 13.149 13.151 13.153 13.155 13.157 13.159 13.161 13.163 13.165 13.167 13.169 13.171 13.173 13.175 13.177 13.179 13.179 13.181 13.183 13.185 13.187 | Fulton Gilmer Glascock Glynn Gordon Grady Greene Gwinnett Habersham Hall Hancock Haralson Harris Hart Heard Henry Houston Irwin Jackson Jasper Jeff Davis Jefferson Jenkins Johnson | 13.229 13.231 13.233 13.235 13.237 13.239 13.241 13.243 13.245 13.251 13.255 13.257 13.259 13.261 13.263 13.265 13.267 13.273 13.277 13.277 13.277 13.279 13.281 13.283 13.285 13.285 13.295 13.297 | Pike Polk Pulaski Putnam Quitman Rabun Randolph Richmond Rockdale Schley Screven Seminole Spalding Stephens Stewart Sumter Talbot Taliaferro Tatinall Taylor Telfair Terrell Thomas Tift Toombs Towns Treutlen Troup |
| | 13.299 13.301 13.303 13.305 13.307 13.309 13.311 | Ware Warren Washington Wayne Webster Wheeler White | 16.067 16.069 16.071 16.073 16.075 16.077 | Minidoka Nez Perce Oneida Owyhee Payette Power Shoshone |

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| | 13.315 13.317 13.319 13.321 14 15 15.001 | | 16.081 16.083 16.085 16.087 17 17.001 17.003 17.005 17.007 | Teton Twin Falls Valley Washington Illinois Adams Alexander Bond Boone Brown | |
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| | 15.005 | Kalawao | 17.011 | Bureau | |
| | 15.007 | | 17.013 | Calhoun | |
| | 15.009 | Maui | 17.015 | Carroll | |
| | 16 | Idaho | 17.017 | Cass | |
| | 16.001 | Ada | 17.019 | Champaign | |
| | 16.003 | Adams | 17.021 | Christian | |
| | 16.005 | Bannock | 17.023 | Clark | |
| | 16.007 | Bear Lake | 17.025 | Clay | |
| | | Benewah | 17.027 | Clinton | |
| | 16.011 | Bingham | 17.029 | Coles | |
| | 16.013 | | 17.031 | Cook | |
| | 16.015 | Boise | 17.033 | Crawford | |
| | 16.017 | | 17.035 | Cumberland | |
| | 16.019 | | 17.037 | De Kalb | |
| | 16.021 16.023 | Boundary Butte | 17.039 | De Witt | |
| | 16.025 | Camas | 17.041 17.043 | Douglas Du Page | |
| | 16.023 | | 17.045 | Edgar | |
| | 16.029 | Caribou | 17.043 | Edyards | |
| | 16.031 | Cassia | 17.049 | Effingham | |
| | 16.033 | Clark | 17.051 | Fayette | |
| | 16.035 | Clearwater | 17.053 | Ford | |
| | 16.037 | Custer | 17.055 | Franklin | |
| | 16.039 | Elmore | 17.057 | Fulton | |
| | 16.041 | Franklin | 17.059 | Gallatin | |
| | 16.043 | Fremont | 17.061 | Greene | |
| | 16.045 | Gem | 17.063 | Grundy | |
| | 16.047 | Gooding | 17.065 | Hamilton | |
| | 16.049 | Idaho | 17.067 | Hancock | |
| | 16.051 | Jefferson | 17.069 | Hardin | |
| | 16.053 | Jerome | 17.071 | Henderson | |
| | 16.055 | Kootenai Latah | 17.073 | Henry | |
| | 16.057 16.059 | Latan Lemhi | 17.075 17.077 | Iroquois Jackson | |
| | 16.059 | Lewis | 17.077 | Jasper | |
| | 16.063 | Lincoln | 17.079 | Jefferson | |
| | 16.065 | Madison | 17.081 | Jersey | |
| | 10.000 | 110015011 | 17.003 | | |
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| | 17.085 | Jo Daviess | 17.193 | White | |
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| | 17.087 17.089 17.091 17.093 17.095 17.097 17.099 17.101 17.103 17.105 17.107 17.109 17.111 | Kankakee Kendall Knox Lake La Salle Lawrence Lee Livingston Logan McDonough McHenry | 17.195 17.197 17.199 17.201 17.203 18 18.001 18.003 18.005 18.007 18.009 18.011 18.013 18.015 | Whiteside Will Williamson Winnebago Woodford Indiana Adams Allen Bartholomew Benton Blackford Boone Brown Carroll | |
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| | 17.115 17.117 17.119 17.121 17.123 17.125 17.127 17.129 17.131 17.135 17.135 17.137 17.139 17.141 17.143 17.145 17.145 17.147 17.149 17.151 17.153 17.155 17.157 17.161 17.163 17.165 17.167 17.169 17.171 17.173 17.175 17.179 | Macoupin Madison Marion Marshall Mason Massac Menard Mercer Monroe Montgomery Morgan Moultrie Ogle Peoria Perry Piatt Pike Pope Pulaski Putnam Randolph Richland Rock Island St. Clair | 18.017 18.019 18.021 18.023 18.025 18.027 18.029 18.031 18.033 18.035 18.037 18.039 18.041 18.043 18.045 18.047 18.051 18.053 18.055 18.057 18.059 18.061 18.063 18.065 18.067 18.069 18.071 18.073 18.075 18.077 18.079 18.079 | Cass Clark Clay Clinton Crawford Daviess Dearborn Decatur De Kalb Delaware Dubois Elkhart Fayette Floyd Fountain Franklin Fulton Gibson Grant Greene Hamilton Hancock Harrison Hendricks Henry Howard Huntington Jackson Jasper Jay Jefferson Jennings Johnson | |
| | 17.181 | Union | 18.083 | Knox | |
| | 17.183 17.185 | Vermilion Wabash | 18.085 18.087 | Kosciusko Lagrange | |
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| | 17.187 | Warren | 18.089 | Lake | |
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| | 17.189 | Washington | 18.091 | La Porte | |
| | 17.191 | Wayne | 18.093 | Lawrence | |
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| | 18.095 | Madison | 19.017 | Bremer | |
| | 18.097 | Marion | 19.019 | Buchanan | |
| | 18.099 | Marshall | 19.021 | Buena Vista | |
| | 18.101 | Martin | 19.023 | Butler | |
| | 18.103 | Miami | 19.025 | Calhoun | |
| | 18.105 | Monroe | 19.027 | Carroll | |
| | 18.107 | Montgomery | 19.029 | Cass | |
| | 18.109 | Morgan | 19.031 | Cedar | |
| | 18.111 | Newton | 19.033 | | |
| | 18.113 | Noble | 19.035 | | |
| | 18.115 | Ohio | 19.037 | | |
| | 18.117 18.119 | Orange Owen | 19.039 19.041 | | |
| | 10.119 | Owell | 19.041 | Clay | |
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| | 18.121 | Parke | 19.043 | Clayton | |
| | 18.123 | Perry | 19.045 | Clinton | |
| | 18.125 | Pike | 19.047 | Crawford | |
| | 18.127 | Porter | 19.049 | Dallas | |
| | 18.129 | Posey | 19.051 | Davis | |
| | 18.131 | Pulaski | 19.053 | Decatur | |
| | 18.133 | Putnam | 19.055 | Delaware | |
| | 18.135 | Randolph | 19.057 | Des Moines | |
| | 18.137 | Ripley | 19.059 | Dickinson | |
| | 18.139 | Rush | 19.061 | Dubuque | |
| | 18.141 | St. Joseph | 19.063 | Emmet | |
| | 18.143 | Scott | 19.065 | Fayette | |
| | 18.145 18.147 | Shelby Spencer | 19.067 19.069 | Floyd Franklin | |
| | 18.149 | Starke | 19.009 | Fremont | |
| | 18.151 | Steuben | 19.071 | Greene | |
| | 18.153 | Sullivan | 19.075 | Grundy | |
| | 18.155 | Switzerland | 19.077 | Guthrie | |
| | 18.157 | Tippecanoe | 19.079 | Hamilton | |
| | 18.159 | Tipton | 19.081 | Hancock | |
| | 18.161 | Union | 19.083 | Hardin | |
| | 18.163 | Vanderburgh | 19.085 | Harrison | |
| | 18.165 | Vermillion | 19.087 | Henry | |
| | 18.167 | Vigo | 19.089 | Howard | |
| | 18.169 | Wabash | 19.091 | Humboldt | |
| | 18.171 | Warren | 19.093 | Ida | |
| | 18.173 | Warrick | 19.095 | Iowa | |
| | 18.175 | Washington | 19.097 | Jackson | |
| | 18.177 | Wayne | 19.099 | Jasper | |
| | 18.179 | Wells | 19.101 | Jefferson | |
| | 18.181 | White | 19.103 | Johnson | |
| | 18.183 | Whitley | 19.105 | Jones | |

| | 19 | Iowa | 19.107 | Keokuk | |
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| | 19.001 | Adair | 19.109 | Kossuth | |
| | 19.003 | Adams | 19.111 | Lee | |
| | 19.005 | Allamakee | 19.113 | Linn | |
| | | | 19.115 | | |
| | 19.007 | Appanoose | | Louisa | |
| | 19.009 | Audubon | 19.117 | Lucas | |
| | 19.011 | Benton | 19.119 | Lyon | |
| | 19.013 | Black Hawk | 19.121 | Madison | |
| | 19.015 | Boone | 19.123 | Mahaska | |
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| | 19.125 | Marion | 20.033 | Comanche | |
| | 19.127 | Marshall | 20.035 | Cowley | |
| | 19.129 | Mills | 20.037 | Crawford | |
| | 19.131 | Mitchell | 20.039 | Decatur | |
| | 19.133 | Monona | 20.041 | Dickinson | |
| | 19.135 | Monroe | 20.043 | Doniphan | |
| | 19.137 | Montgomery | 20.045 | Douglas | |
| | 19.139 | Muscatine | 20.047 | Edwards | |
| | 19.141 | O'Brien | 20.047 | Elk | |
| | | | | Ellis | |
| | 19.143 | Osceola | 20.051 | | |
| | 19.145 | Page | 20.053 | Ellsworth | |
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| | 19.147 | Palo Alto | 20.055 | Finney | |
| | 19.149 | Plymouth | 20.057 | Ford | |
| | 19.151 | Pocahontas | 20.059 | Franklin | |
| | 19.153 | Polk | 20.061 | Geary | |
| | 19.155 | Pottawattamie | 20.063 | Gove | |
| | 19.157 | Poweshiek | 20.065 | Graham | |
| | 19.159 | Ringgold | 20.067 | Grant | |
| | 19.161 | Sac | 20.069 | Gray | |
| | 19.163 | Scott | 20.071 | Greeley | |
| | 19.165 | Shelby | 20.073 | Greenwood | |
| | 19.167 | Sioux | 20.075 | Hamilton | |
| | 19.169 | Story | 20.073 | Harper | |
| | 19.171 | Tama | 20.077 | Harvey | |
| | 19.171 | Taylor | 20.079 | нагvey Haskell | |
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| | 19.175 | Union | 20.083 | Hodgeman | |
| | 19.177 | Van Buren | 711 1125 | Jackson | |
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| | 19.179 | Wapello | 20.087 | Jefferson | |
| | 19.181 | Wapello Warren | 20.087 20.089 | Jewell | |
| | 19.181 19.183 | Wapello Warren Washington | 20.087 20.089 20.091 | Jewell Johnson | |
| | 19.181 19.183 19.185 | Wapello Warren Washington Wayne | 20.087 20.089 20.091 20.093 | Jewell Johnson Kearny | |
| | 19.181 19.183 | Wapello Warren Washington | 20.087 20.089 20.091 | Jewell Johnson | |
| | 19.181 19.183 19.185 | Wapello Warren Washington Wayne | 20.087 20.089 20.091 20.093 | Jewell Johnson Kearny | |
| | 19.181 19.183 19.185 19.187 | Wapello Warren Washington Wayne Webster | 20.087 20.089 20.091 20.093 20.095 | Jewell Johnson Kearny Kingman | |
| | 19.181 19.183 19.185 19.187 19.189 19.191 | Wapello Warren Washington Wayne Webster Winnebago Winneshiek | 20.087 20.089 20.091 20.093 20.095 20.097 20.099 | Jewell Johnson Kearny Kingman Kiowa | |
| | 19.181 19.183 19.185 19.187 19.189 19.191 19.193 | Wapello Warren Washington Wayne Webster Winnebago Winneshiek Woodbury | 20.087 20.089 20.091 20.093 20.095 20.097 20.099 20.101 | Jewell Johnson Kearny Kingman Kiowa Labette | |
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| | 20.149 | Pottawatomie | 21.045 | Casey | |
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| 9232 | 20.161 20.163 20.165 20.167 20.169 | Riley Rooks Rush Russell Saline | 21.057 21.059 21.061 21.063 21.065 | Cumberland Daviess Edmonson Elliott Estill | |
| 9232 | 20.161 20.163 20.165 20.167 20.169 20.171 | Riley Rooks Rush Russell Saline Scott | 21.057 21.059 21.061 21.063 21.065 21.067 | Cumberland Daviess Edmonson Elliott Estill Fayette | |
| 9232 | 20.161 20.163 20.165 20.167 20.169 | Riley Rooks Rush Russell Saline | 21.057 21.059 21.061 21.063 21.065 | Cumberland Daviess Edmonson Elliott Estill | |
| 9232 | 20.161 20.163 20.165 20.167 20.169 20.171 20.173 20.175 20.177 | Riley Rooks Rush Russell Saline Scott Sedgwick Seward Shawnee | 21.057 21.059 21.061 21.063 21.065 21.067 21.069 21.071 21.073 | Cumberland Daviess Edmonson Elliott Estill Fayette Fleming Floyd Franklin | |
| 9232 | 20.161 20.163 20.165 20.167 20.169 20.171 20.173 20.175 20.177 | Riley Rooks Rush Russell Saline Scott Sedgwick Seward Shawnee Sheridan | 21.057 21.059 21.061 21.063 21.065 21.067 21.069 21.071 21.073 21.075 | Cumberland Daviess Edmonson Elliott Estill Fayette Fleming Floyd Franklin Fulton | |
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| 7232 | 20.161 20.163 20.165 20.167 20.169 20.171 20.173 20.175 20.177 20.179 20.181 20.183 20.185 20.187 20.191 20.193 20.195 20.197 20.199 | Riley Rooks Rush Russell Saline Scott Sedgwick Seward Shawnee Sheridan Sherman Smith Stafford Stanton Stevens Sumner Thomas Trego Wabaunsee Wallace | 21.057 21.059 21.061 21.063 21.065 21.067 21.071 21.073 21.075 21.077 21.079 21.081 21.083 21.085 21.089 21.091 21.093 21.095 | Cumberland Daviess Edmonson Elliott Estill Fayette Fleming Floyd Franklin Fulton Gallatin Garrard Grant Graves Grayson Green Greenup Hancock Hardin Harlan | |

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| | 21.223 | Trimble | 22.089 | St. Charles |
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| | 22.123 | West Carroll | 25.017 | Middlesex |
| | 22.125 | West Feliciana | 25.019 | Nantucket |
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| | 23.009 | Hancock | 26.003 | Alger |
| | 23.011 | Kennebec | 26.005 | Allegan |
| | 23.013 | Knox | 26.007 | Alpena |
| | 23.015 | Lincoln | 26.009 | Antrim |
| | 23.017 | Oxford | 26.011 | Arenac |
| | 23.019 | Penobscot | 26.013 | Baraga |
| | 23.021 | Piscataquis | 26.015 | Barry |
| | 23.023 | Sagadahoc | 26.017 | Bay |
| | 23.025 | Somerset | 26.019 | Benzie |
| | 23.023 | Waldo | 26.021 | Berrien |
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| | | Calvert | | Clare | |
| | 24.009 | | 26.035 | | |
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| | 24.013 | Carroll | 26.039 | Crawford | |
| | 24.015 | Cecil | 26.041 | Delta | |
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| | 24.035 | Queen Anne's | 26.061 | Houghton | |
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| | 25.009 | Essex | 26.087 | Lapeer | |
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| | 26.125 | Oakland | 27.065 | Kanabec |
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| | 26.139 | Ottawa | 27.079 | Le Sueur |
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| 28.019 | Choctaw | 28.127 | Simpson |
| 28.021 | Claiborne | 28.129 | Smith |
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| 29.069 | Dunklin | 29.177 | Ray |
| 29.009 | Franklin | 29.177 | Reynolds |
| 29.071 | Gasconade | | |
| 29.075 | Gentry | 29.181 29.183 | St. Charles |
| 29.073 | Creene | 29.185 | |
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| 29.079 | Grundy | 29.186 | Ste. Genevieve |
| 29.081 | Harrison | 29.187 | |
| 29.083 | Henry | 29.189 | St. Louis |
| 29.085 | Hickory | 29.195 | Saline |
| 29.087 | Holt | 29.197 | Schuyler |
| 29.089 | Howard | 29.199 | Scotland |
| 29.091 | Howell | 29.201 | Scott |
| 29.093 | Iron | 29.203 | Shannon |
| 29.095 | Jackson | 29.205 | |
| 29.097 | Jasper | 29.207 | Stoddard |
| 29.099 | Jefferson | 29.209 | |
| 29.101 | Johnson | 29.211 | Sullivan |
| 29.103 | Knox | 29.213 | Taney |
| 29.105 | Laclede | 29.215 | Texas |
| 29.107 | Lafayette | 29.217 | Vernon |
| 29.109 | Lawrence | 29.219 | Warren |
| 29.111 | Lewis | 29.221 | Washington |
| 29.113 | Lincoln | 29.223 | Wayne |
| 29.115 | Linn | 29.225 | Webster |
| 29.117 | Livingston | 29.227 | Worth |
| 29.119 | McDonald | 29.229 | Wright |

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| | 29.510 | St. Louis | 30.105 | Valley |
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| | 30 | Montana | 30.107 | Wheatland |
| | 30.001 | Beaverhead | 30.109 | Wibaux |
| | 30.003 | Big Horn | 30.111 | Yellowstone |
| | 30.005 | Blaine | 30.113 | Yellowstone National |
| Park | | | | |
| | 30.007 | Broadwater | 31 | Nebraska |
| | 30.009 | Carbon | 31.001 | Adams |
| | 30.011 | | 31.003 | |
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| | 30.015 | | 31.007 | |
| | 30.017 | | 31.009 | |
| | 30.019 | Daniels | 31.011 | |
| | 30.021 | | 31.013 | |
| | 30.023 | Deer Lodge | 31.015 | |
| | 30.025 | Fallon | 31.017 | |
| | 30.027 | | 31.019 | |
| | 30.027 | Flathead | 31.021 | |
| | 30.029 | | 31.021 | |
| | 30.031 | | 31.025 | Cass |
| | 30.035 | Glacier | 31.025 | Cedar |
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| | 30.037 | <u>-</u> | 31.029 | Chase |
| | 30.039 | Granite | 31.031 | - |
| | 30.041 | | 31.033 | - |
| | 30.043 | Jefferson | 31.035 | Clay |
| | 30.045 | Judith Basin | 31.037 | |
| | 30.047 | | 31.039 | _ |
| | 30.049 | Lewis And Clark | 31.041 | |
| | 30.051 | Liberty | 31.043 | Dakota |
| | 30.053 | Lincoln | 31.045 | Dawes |
| | 30.055 | McCone | 31.047 | Dawson |
| | 30.057 | Madison | 31.049 | Deuel |
| | 30.059 | Meagher | 31.051 | Dixon |
| | 30.061 | Mineral | 31.053 | Dodge |
| | 30.063 | Missoula | 31.055 | Douglas |
| | 30.065 | Musselshell | 31.057 | Dundy |
| | 30.067 | Park | 31.059 | Fillmore |
| | 30.069 | Petroleum | 31.061 | Franklin |
| | 30.071 | Phillips | 31.063 | Frontier |
| | 30.073 | Pondera | 31.065 | Furnas |
| | 30.075 | Powder River | 31.067 | Cage |
| | 30.077 | Powell | 31.069 | Garden |
| | 30.079 | Prairie | 31.071 | Garfield |
| | 30.081 | Ravalli | 31.073 | Gosper |
| | 30.083 | Richland | 31.075 | Grant |
| | 30.085 | Roosevelt | 31.077 | Greeley |
| | 30.087 | Rosebud | 31.079 | Hall |
| | 30.089 | Sanders | 31.081 | Hamilton |
| | 30.091 | Sheridan | 31.083 | Harlan |
| | 30.093 | Silver Bow | 31.085 | Hayes |
| | 30.095 | Stillwater | 31.087 | Hitchcock |
| | 30.097 | Sweet Crass | 31.089 | Holt |
| | 30.099 | Teton | 31.003 | Hooker |
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| 30.101 30.103 | Toole Treasure | 31.093 31.095 | |
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| 31.097 31.099 31.101 | Johnson Kearney Keith | 32.017 32.019 32.021 | Lincoln Lyon Mineral |
| 31.103 | Keya Paha | 32.023 | Nye |
| 31.105 31.107 | Kimball Knox | 32.027 32.029 | Pershing Storey |
| 31.109 | Lancaster | 32.031 | - |
| 31.111 | Lincoln | 32.033 | White Pine |
| 31.113 31.115 | Logan Loup | 32.510 33 | Carson New Hampshire |
| 31.117 | McPherson | 33.001 | Belknap |
| 31.119 | Madison | 33.003 | Carroll |
| 31.121 | Merrick | 33.005 | Cheshire |
| 31.123 31.125 | Morrill Nance | 33.007 33.009 | Coos Crafton |
| 31.127 | Nemaha | 33.011 | |
| 31.129 | Nuckolls | 33.013 | Merrimack |
| 31.131 | Otoe | 33.015 | |
| 31.133 31.135 | Pawnee Perkins | 33.017 33.019 | Strafford Sullivan |
| 31.137 | Phelps | 34 | New Jersey |
| 31.139 | Pierce | 34.001 | Atlantic |
| 31.141 | Platte | 34.003 | _ |
| 31.143 31.145 | Polk Red Willow | 34.005 34.007 | Burlington Camden |
| 31.143 | Richardson | 34.007 | Candell Cape May |
| 31.149 | Rock | 34.011 | Cumberland |
| 31.151 | Saline | 34.013 | Essex |
| 31.153 | Sarpy | 34.015 | Gloucester |
| 31.155 31.157 | Saunders Scotts Bluff | 34.017 34.019 | Hudson Hunterdon |
| 31.159 | Seward | 34.021 | |
| 31.161 | Sheridan | 34.023 | |
| 31.163 | Sherman | 34.025 | Monmouth |
| 31.165 31.167 | Sioux | 34.027 34.029 | Morris |
| 31.167 | Stanton Thayer | 34.029 | Ocean Passaic |
| 31.171 | Thomas | 34.033 | Salem |
| 31.173 | Thurston | 34.035 | Somerset |
| 31.175 | Valley | 34.037 | Sussex |
| 31.177 31.179 | Washington Wayne | 34.039 34.041 | Union Warren |
| 31.179 | Webster | 35.041 | New Mexico |
| 31.183 | Wheeler | 35.001 | Bernalillo |
| 31.185 | York | 35.003 | Catron |
| 32 | Nevada | 35.005 | Chaves |
| 32.001 32.003 | Churchill Clark | 35.007 35.009 | Curry |
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| | 32.005 32.007 | Douglas Elko | 35.011 35.013 | De Baca Dona Ana | |
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| | 35.025 35.027 35.028 35.029 35.031 35.033 35.035 35.037 35.039 | Lea Lincoln Los Alamos Luna McKinley Mora Otero Quay Rio Arriba | 36.067 36.069 36.071 36.073 36.075 36.077 36.079 36.081 36.083 | Onondaga Ontario Orange Orleans Oswego Otsego Putnam Queens Rensselaer | |
| | 35.041 35.043 35.045 35.047 35.049 35.051 35.053 35.055 35.057 | Roosevelt Sandoval San Juan San Miguel Santa Fe Sierra Socorro Taos Torrance | 36.085 36.087 36.089 36.091 36.093 36.095 36.097 36.099 36.101 | Richmond Rockland St. Lawrence Saratoga Schenectady Schoharie Schuyler Seneca Steuben | |
| | 35.057 35.059 35.061 36.001 36.003 36.005 36.007 36.009 | Union Valencia New York Albany Allegany Bronx Broome Cattaraugus | 36.101 36.103 36.105 36.107 36.109 36.111 36.113 36.115 36.117 | Steuben Suffolk Sullivan Tioga Tompkins Ulster Warren Washington Wayne | |
| | 36.011 36.013 36.015 36.017 36.019 36.021 36.023 36.025 36.027 | Cayuga Chautauqua Chemung Chenango Clinton Columbia Cortland Delaware Dutchess | 36.119 36.121 36.123 37 37.001 37.003 37.005 37.007 37.009 | Westchester Wyoming Yates North Carolina Alamance Alexander Alleghany Anson Ashe | |
| | 36.029 36.031 36.033 36.035 36.037 36.039 | Erie Essex Franklin Fulton Genesee Greene | 37.011 37.013 37.015 37.017 37.019 37.021 | Avery Beaufort Bertie Bladen Brunswick Buncombe | |

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| | 36.057 | Montgomery | 37.039 | | |
| | 36.059 | Nassau | 37.041 | | |
| | 36.063 | New York | 37.043 37.045 | - | |
| | 30.003 | Niagara | 37.043 | Cleverand | |
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| | 37.047 | Columbus | 37.155 | Robeson | |
| | 37.049 | Craven | 37.157 | | |
| | 37.051 | Cumberland | 37.159 | Rowan | |
| | 37.053 | Currituck | 37.161 | Rutherford | |
| | 37.055 | Dare | 37.163 | - | |
| | 37.057 | Davidson | 37.165 | | |
| | 37.059 | Davie | 37.167 | - | |
| | 37.061 37.063 | Duplin Durham | 37.169 37.171 | Stokes Surry | |
| | 37.065 | Edgecombe | 37.171 | - | |
| | 37.067 | Forsyth | 37.175 | | |
| | 37.069 | Franklin | 37.177 | | |
| | 37.071 | Gaston | 37.179 | Union | |
| | 37.073 | Gates | 37.181 | Vance | |
| | 37.075 | Graham | 37.183 | Wake | |
| | 37.077 | Granville | 37.185 | Warren | |
| | 37.079 | Creene | 37.187 | Washington | |
| | 37.081 | Guilford | 37.189 | Watauga | |
| | 37.083 | Halifax | 37.191 | Wayne | |
| | 37.085 | Harnett | 37.193 | Wilkes | |
| | 37.087 | Haywood | 37.195 | Wilson | |
| | 37.089 | Henderson | 37.197 | Yadkin | |
| | 37.091 | Hertford | 37.199 | Yancey | |
| | 37.093 | Hoke | 38 | North Dakota | |
| | 37.095 | Hyde | 38.001 | Adams | |
| | 37.097 | Iredell | 38.003 | Barnes | |
| | 37.099 | Jackson | 38.005 | Benson | |
| | 37.101 | Johnston | 38.007 | Billings | |
| | 37.103 37.105 | Jones Lee | 38.009 38.011 | Bottineau Bowman | |
| | 37.105 | Lenoir | 38.011 | Burke | |
| | 37.107 | Lincoln | 38.015 | Burleigh | |
| | 37.109 | McDowell | 38.017 | _ | |
| | 37.111 | Macon | 38.019 | Cavalier | |
| | 37.115 | Madison | 38.021 | Dickey | |
| | 37.117 | Martin | 38.023 | Divide | |
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| | | Mecklenburg Mitchell Montgomery Moore Nash New Hanover Northampton Onslow Orange | 38.025 38.027 38.029 38.031 38.033 38.035 38.037 38.039 38.041 | Emmons Foster Golden Valley Grand Forks Grant Griggs | |
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| | 37.147 | | | McKenzie | |
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| | | Randolph | 38.057 | Mercer | |
| | 37.153 | Richmond | 38.059 | Morton | |
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| | 38 061 | Mountrail | 39 061 | Hamilton | |
| | 38.063 | | | Hancock | |
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| | | Pembina | | Harrison | |
| | 38.069 | | 39.069 | | |
| | 38.071 | | 39.071 | | |
| | 38.073 | Ransom | 39.073 | | |
| | 38.075 | Renville | 39.075 | Holmes | |
| | | Richland | 39.077 | | |
| | | Rolette | 39.079 | Jackson | |
| | 38.081 | Sargent | 39.081 | | |
| | 38.083 | Sheridan | 39.083 | | |
| | 38.085 | | 39.085 | | |
| | 38.087 | Slope | 39.087 | Lawrence | |
| | 38.089 | Stark | 39.089 | Licking | |
| | 38.091 | Steele | 39.091 | - | |
| | 38.093 | Stutsman | 39.093 | Lorain | |
| | 38.095 | Towner | 39.095 | Lucas | |
| | 38.097 | Traill | 39.097 | Madison | |
| | 38.099 | Walsh | 39.099 | Mahoning | |
| | 38.101 | Ward | 39.101 | Marion | |
| | 38.103 | Wells | 39.103 | Medina | |
| | 38.105 | Williams | 39.105 | Meigs | |
| | 39 | Ohio | 39.107 | Mercer | |
| | 39.001 | Adams | 39.107 | Miami | |
| | 39.001 | Allen | 39.111 | Monroe | |
| | 39.005 | Ashland | 39.111 | Montgomery | |
| | 39.003 | Ashtabula | 39.115 | Morgan | |
| | 39.007 | Athens | 39.117 | Morrow | |
| | 39.009 | Auglaize | 39.117 | Muskingum | |
| | JJ.ULL | nugraize | 39.113 | Muskingull | |

| 39. 39. 39. 39. 39. 39. 39. 39. | .015 B .017 B .019 C .021 C .023 C .025 C .027 C .029 C .031 C .033 C | Belmont Brown Butler Barroll Champaign Clark Clermont Clinton Columbiana Coshocton Crawford Cuyahoga Darke Defiance | | 39.121 39.123 39.125 39.127 39.129 39.131 39.135 39.137 39.139 39.141 39.143 39.145 39.147 | Perry Pickaway | | |
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| 39. 39. 39. 39. 39. 39. | .043 E .045 F .047 F .049 F .051 F .053 G .055 G | Delaware Grie Grie Grairfield Grayette Granklin Gulton Gallia Geauga Greene Guernsey | | 39.149 39.151 39.153 39.155 39.157 39.159 39.161 39.163 39.165 39.167 | Shelby Stark Summit Trumbull Tuscarawas Union Van Wert Vinton Warren Washington | | |
| 39. 39. 39. 40. 40. 40. 40. 40. 40. 40. 40. 40. 40 | .171 W.173 W.175 W.175 W.001 A.003 A.005 A.007 B.009 B.011 B.013 B.015 C.017 C.019 C.021 C.023 C.025 C.027 C.029 C.025 C.027 C.029 C.031 C.033 C.035 C. | Jayne Jayne Jood Jyandot Jyandon Jyando Jyando Jyando Jyando Jyando Jyando Jyando Jyando Jyandon Jyando Jyand | | 40.099 40.101 40.103 40.105 40.107 40.109 40.111 40.113 40.115 40.117 40.121 40.123 40.125 40.127 40.129 40.131 40.133 40.135 40.137 40.137 40.133 40.135 40.135 | Hurray Muskogee Noble Nowata Okfuskee Oklahoma Okmulgee Osage Ottawa Pawnee Payne Pittsburg Pontotoc Pottawatomie Pushmataha Roger Mills Rogers Seminole Sequoyah Stephens Texas Tillman Tulsa Wagoner | | |

| | 40.039 | Custer | 40.147 | Washington | |
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| | 40.041 | Delaware | 40.149 | Washita | |
| | 40.043 | Dewey | 40.151 | Woods | |
| | 40.045 | Ellis | 40.153 | Woodward | |
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| | 40.047 | Garfield | 41 | Oregon | |
| | 40.049 | Garvin | 41.001 | Baker | |
| | 40.051 | Grady | 41.003 | Benton | |
| | 40.053 | Grant | 41.005 | Clackamas | |
| | 40.055 | Greer | 41.007 | Glatsop | |
| | 40.057 | Harmon | 41.009 | Columbia | |
| | 40.059 | Harper | 41.011 | Coos | |
| | 40.061 | Haskell | 41.013 | Crook | |
| | 40.063 | Hughes | 41.015 | Curry | |
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| | 40.065 | Jackson | 41.017 | Deschutes | |
| | 40.067 | Jefferson | 41.019 | Douglas | |
| | 40.069 | Johnston | 41.021 | Gilliam | |
| | 40.071 | Kay | 41.023 | Grant | |
| | 40.073 | Kingfisher | 41.025 | Harney | |
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| | 40.075 | Kiowa | 41.027 | Hood River | |
| | | Latimer | 41.027 | Jackson | |
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| | | Le Flore | 41.031 | Jefferson | |
| | 40.081 | Lincoln | 41.033 | Josephine | |
| | 40.083 | Logan | 41.035 | Klamath | |
| | 40.085 | Love | 41.037 | Lake | |
| | 40.087 | McClain | 41.039 | Lane | |
| | 40.089 | McCurtain | 41.041 | Lincoln | |
| | 40.091 | McIntosh | 41.043 | Linn | |
| | 40.093 | Major | 41.045 | Malheur | |
| | 40.095 | Marshall | 41.047 | Marion | |
| | 40.097 | Mayes | 41.049 | Morrow | |
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| | 41.051 | Multnomah | 42.085 | Mercer | |
| | 41.053 | Polk | 42.087 | Mifflin | |
| | 41.055 | Sherman | 42.089 | Monroe | |
| | 41.057 | Tillamook | 42.091 | Montgomery | |
| | 41.059 | Umatilla | 42.093 | Montour | |
| | 41.061 | Union | 42.095 | Northampton | |
| | 41.063 | Wallowa | 42.097 | Northumberland | |
| | 41.065 | Wasco | 42.099 | Perry | |
| | 41.067 | Washington | 42.101 | Philadelphia | |
| | 41.067 | Wheeler | 42.101 | Pike | |
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| | 41.071 | Yamhill | 42.105 | Potter | |
| | 42 | Pennsylvania | 42.107 | Schuylkill | |
| | 42.001 | Adams | 42.109 | Snyder | |
| | 42.003 | Allegheny | 42.111 | Somerset | |
| | 42.005 | Armstrong | 42.113 | Sullivan | |
| | 42.007 | Beaver | 42.115 | Susquehanna | |
| | 42.009 | Bedford | 42.117 | Tioga | |
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| | 42.021 42.023 42.025 42.029 42.031 42.033 42.035 42.037 42.041 42.043 42.045 42.047 42.049 42.051 42.053 | Butler Cambria Cameron Carbon Centre Chester Clarion Clearfield Clinton Columbia Crawford Cumberland Dauphin Delaware Elk | 44.007 44.009 45 45.001 45.003 45.005 45.007 | Washington Wayne Westmoreland Wyoming York Puerto Rico (No coordinates) Rhode Island Bristol Kent Newport Providence Washington South Carolina Abbeville Aiken Allendale | |
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| | 42.059 42.061 42.063 42.065 42.067 42.071 42.073 42.075 42.077 42.079 | Fulton Creene Huntingdon Indiana Jefferson Juniata Lackawanna Lancaster Lawrence Lebanon Lehigh Luzerne Lycoming McKean Florence Georgetown Greenville | 45.015 45.017 45.019 45.021 45.023 45.025 45.027 45.029 45.031 | Charleston Cherokee Chester Chesterfield Clarendon Colleton Darlington Dillon Dorchester Edgefield Fairfield Hamlin Hand | |
| | 45.047 | Greenwood Hampton Horry Jasper Kershaw Lancaster | 46.063 | Harding Hughes Hutchinson Hyde Jackson Jerauld Jones | |

| | 45.065 | McCormick | 46.081 | Lawrence | |
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| | 45.067 | Marion | 46.083 | Lincoln | |
| | 45.069 | Marlboro | 46.085 | Lyman | |
| | 45.071 | Newberry | 46.087 | McCook | |
| | 45.073 | Oconee | 46.089 | McPherson | |
| | 45.075 | Orangeburg | 46.091 | Marshall | |
| | 45.077 | Pickens | 46.093 | Meade | |
| | 45.079 | Richland | 46.095 | Mellette | |
| | 45.075 | Saluda | 46.097 | Miner | |
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| | 45.083 | Spartanburg | 46.099 | Minnehaha | |
| | 45.085 | Sumter | 46.101 | Moody | |
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| | 46.003 | Aurora | 46.111 | Sanborn | |
| | 46.005 | Beadle | 46.113 | Shannon | |
| | 46.007 | Bennett | 46.115 | Spink | |
| | | Bon Homme | 46.117 | Stanley | |
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| | 46.019 | Butte | 46.127 | Union | |
| | 46.021 | Campbell | 46.129 | Walworth | |
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| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 | Clark Clay Codington Corson Custer Davison Day | 47 47.001 47.003 47.005 47.007 47.009 | Tennessee Anderson Bedford Benton Bledsoe Blount | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 | Clark Clay Codington Corson Custer Davison Day Deuel | 47 47.001 47.003 47.005 47.007 47.009 47.011 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 46.039 46.041 | Clark Clay Codington Corson Custer Davison Day Deuel Dewey | 47 47.001 47.003 47.005 47.007 47.009 47.011 47.013 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley Campbell | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 46.039 46.041 46.043 | Clark Clay Codington Corson Custer Davison Day Deuel Dewey Douglas | 47 47.001 47.003 47.005 47.007 47.011 47.013 47.015 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley Campbell Cannon | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 46.039 46.041 | Clark Clay Codington Corson Custer Davison Day Deuel Dewey Douglas Edmunds | 47 47.001 47.003 47.005 47.007 47.011 47.013 47.015 47.017 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley Campbell | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 46.039 46.041 46.043 | Clark Clay Codington Corson Custer Davison Day Deuel Dewey Douglas | 47 47.001 47.003 47.005 47.007 47.011 47.013 47.015 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley Campbell Cannon | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 46.039 46.041 46.043 46.045 | Clark Clay Codington Corson Custer Davison Day Deuel Dewey Douglas Edmunds | 47 47.001 47.003 47.005 47.007 47.011 47.013 47.015 47.017 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley Campbell Cannon Carroll | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 46.039 46.041 46.043 46.045 46.047 | Clark Clay Codington Corson Custer Davison Day Deuel Dewey Douglas Edmunds Fall River | 47 47.001 47.003 47.005 47.007 47.011 47.013 47.015 47.017 47.019 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley Campbell Cannon Carroll Carter | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 46.039 46.041 46.043 46.045 46.047 46.049 46.051 | Clark Clay Codington Corson Custer Davison Day Deuel Dewey Douglas Edmunds Fall River Faulk Grant | 47 47.001 47.003 47.005 47.007 47.011 47.013 47.015 47.017 47.019 47.021 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley Campbell Cannon Carroll Carter Cheatham | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 46.041 46.043 46.045 46.047 46.049 46.051 46.053 | Clark Clay Codington Corson Custer Davison Day Deuel Dewey Douglas Edmunds Fall River Faulk Grant Gregory | 47 47.001 47.003 47.005 47.009 47.011 47.013 47.015 47.017 47.019 47.021 47.023 47.025 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley Campbell Cannon Carroll Carter Cheatham Chester Claiborne | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 46.039 46.041 46.043 46.045 46.047 46.049 46.051 | Clark Clay Codington Corson Custer Davison Day Deuel Dewey Douglas Edmunds Fall River Faulk Grant | 47 47.001 47.003 47.005 47.007 47.011 47.013 47.015 47.017 47.019 47.021 47.023 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley Campbell Cannon Carroll Carter Cheatham Chester | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 46.041 46.043 46.045 46.047 46.049 46.051 46.053 | Clark Clay Codington Corson Custer Davison Day Deuel Dewey Douglas Edmunds Fall River Faulk Grant Gregory | 47 47.001 47.003 47.005 47.009 47.011 47.013 47.015 47.017 47.019 47.021 47.023 47.025 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley Campbell Cannon Carroll Carter Cheatham Chester Claiborne | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.039 46.041 46.043 46.045 46.047 46.049 46.051 46.053 46.055 | Clark Clay Codington Corson Custer Davison Day Deuel Dewey Douglas Edmunds Fall River Faulk Grant Gregory Haakon | 47 47.001 47.003 47.005 47.009 47.011 47.013 47.015 47.017 47.021 47.023 47.025 47.027 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley Campbell Cannon Carroll Carter Cheatham Chester Claiborne Clay | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 46.041 46.043 46.045 46.047 46.049 46.051 46.053 46.055 | Clark Clay Codington Corson Custer Davison Day Deuel Dewey Douglas Edmunds Fall River Faulk Grant Gregory Haakon Cocke | 47 47.001 47.003 47.005 47.009 47.011 47.013 47.015 47.017 47.021 47.023 47.025 47.027 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley Campbell Cannon Carroll Carter Cheatham Chester Claiborne Clay | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 46.041 46.043 46.045 46.047 46.049 46.051 46.053 46.055 | Clark Clay Codington Corson Custer Davison Day Deuel Dewey Douglas Edmunds Fall River Faulk Grant Gregory Haakon Cocke Coffee | 47 47.001 47.003 47.005 47.009 47.011 47.013 47.015 47.017 47.021 47.023 47.025 47.027 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley Campbell Cannon Carroll Carter Cheatham Chester Claiborne Clay Pickett Polk | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 46.041 46.043 46.045 46.047 46.049 46.051 46.053 46.055 | Clark Clay Codington Corson Custer Davison Day Deuel Dewey Douglas Edmunds Fall River Faulk Grant Gregory Haakon Cocke Coffee Crockett | 47 47.001 47.003 47.005 47.009 47.011 47.013 47.015 47.017 47.021 47.023 47.025 47.027 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley Campbell Cannon Carroll Carter Cheatham Chester Claiborne Clay Pickett Polk Putnam | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 46.039 46.041 46.043 46.045 46.047 46.049 46.051 46.053 46.055 47.029 47.031 47.033 47.035 | Clark Clay Codington Corson Custer Davison Day Deuel Dewey Douglas Edmunds Fall River Faulk Grant Gregory Haakon Cocke Coffee Crockett Cumberland | 47 47.001 47.003 47.005 47.009 47.011 47.013 47.015 47.019 47.021 47.023 47.025 47.027 47.137 47.139 47.141 47.143 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley Campbell Cannon Carroll Carter Cheatham Chester Claiborne Clay Pickett Polk Putnam Rhea | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 46.039 46.041 46.043 46.045 46.047 46.049 46.051 46.053 46.055 47.029 47.031 47.033 47.035 47.037 | Clark Clay Codington Corson Custer Davison Day Deuel Dewey Douglas Edmunds Fall River Faulk Grant Gregory Haakon Cocke Coffee Crockett Cumberland Davidson | 47 47.001 47.003 47.005 47.009 47.011 47.013 47.015 47.017 47.021 47.023 47.025 47.027 47.137 47.139 47.141 47.143 47.145 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley Campbell Cannon Carroll Carter Cheatham Chester Claiborne Clay Pickett Polk Putnam Rhea Roane | ICPSR |
| 9252 | 46.025 46.027 46.029 46.031 46.033 46.035 46.037 46.039 46.041 46.043 46.045 46.047 46.049 46.051 46.053 46.055 47.029 47.031 47.033 47.035 | Clark Clay Codington Corson Custer Davison Day Deuel Dewey Douglas Edmunds Fall River Faulk Grant Gregory Haakon Cocke Coffee Crockett Cumberland | 47 47.001 47.003 47.005 47.009 47.011 47.013 47.015 47.019 47.021 47.023 47.025 47.027 47.137 47.139 47.141 47.143 | Tennessee Anderson Bedford Benton Bledsoe Blount Bradley Campbell Cannon Carroll Carter Cheatham Chester Claiborne Clay Pickett Polk Putnam Rhea | ICPSR |

| 47.041 | De Kalb | 47.149 | Rutherford | |
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| 47.043 | Dickson | 47.151 | Scott | |
| 47.045 | Dyer | 47.153 | Sequatchie | |
| 47.047 | Fayette | 47.155 | Sevier | |
| 47.049 | Fentress | 47.157 | - | |
| 47.051 | Franklin | 47.159 | Smith | |
| 47.053 | Gibson | 47.161 | Stewart | |
| 47.055 | Giles | 47.163 | | |
| 47.057 | Grainger | 47.165 | Sumner | |
| 47.059 | Greene | 47.167 | Tipton | |
| 47.061 | Grundy | 47.169 | Trousdale | |
| 47.063 | Hamblen | 47.171 | Unicoi | |
| 47.065 | Hamilton | 47.173 | Union | |
| 47.067 | Hancock | 47.175 | Van Buren | |
| 47.069 | Hardeman | 47.177 | Warren | |
| 47.071 | Hardin | 47.179 | - | |
| 47.073 | Hawkins | 47.181 | Wayne | |
| 47.075 | Haywood | 47.183 | Weakley | |
| 47.077 | Henderson | 47.185 | White | |
| 47.079 | Henry | 47.187 | | |
| 47.081 | Hickman | 47.189 | Wilson | |
| 47.083 | Houston | 48 | Texas | |
| 47.085 | Humphreys | 48.001 | | |
| 47.087 | Jackson | 48.003 | | |
| 47.089 | Jefferson | 48.005 | - | |
| 47.091 | Johnson | 48.007 | | |
| 47.093 | Knox | 48.009 | | |
| 47.095 | Lake Lauderdale | 48.011 | | |
| 47.097 | | 48.013 48.015 | Austin | |
| 47.099 | Lawrence | 46.015 | Austin | |
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| 47.105 | Loudon | 48.021 | Bastrop | |
| 47.107 | McMinn | 48.023 | Baylor | |
| 47.109 | McNairy | 48.025 | Bee | |
| 47.111 | Macon | 48.027 | Bell | |
| 47.113 | Madison | 48.029 | Bexar | |
| 47.115 | Marion | 48.031 | Blanco | |
| 47.117 | Marshall | 48.033 | Borden | |
| 47.119 | Maury | 48.035 | Bosque | |
| 47.121 | Meigs | 48.037 | Bowie | |
| 47.123 | Monroe | 48.039 | Brazoria | |
| 47.125 | Montgomery | 48.041 | Brazos | |
| 47.127 | Moore | 48.043 | Brewster | |
| 47.129 | Morgan | 48.045 | Briscoe | |
| 47.131 | Obion | 48.047 | Brooks | |
| 47.133 | Overton | 48.049 | Brown | |
| 47.135 | Perry | 48.051 | Burleson | |

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| | 48.053 | Burnet | | Freestone | |
| | 48.055 | Caldwell | 48.163 | Frio | |
| | 48.057 | Calhoun | 48.165 | Gaines | |
| | 48.059 | Callahan | 48.167 | Galveston | |
| | 48.061 | Cameron | 48.169 | Garza | |
| | 48.063 | Camp | 48.171 | Gillespie | |
| | 48.065 | Carson | 48.173 | Glasscock | |
| | 48.067 | Cass | 48.175 | Goliad | |
| | 48.069 | Castro | 48.177 | Gonzales | |
| | 48.071 | Chambers | 48.179 | Gray | |
| | 48.073 | Cherokee | 48.181 | Grayson | |
| | 48.075 | Childress | 48.183 | Gregg | |
| | 48.077 | Clay | 48.185 | Grimes | |
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| | 48.079 | Cochran | 48.187 | Guadalupe | |
| | 48.081 | Coke | 48.189 | Hale | |
| | 48.083 | Coleman | 48.191 | Hall | |
| | 48.085 | Collin | 48.193 | Hamilton | |
| | 48.087 | Collingsworth | 48.195 | Hansford | |
| | 48.089 | Colorado | 48.197 | Hardeman | |
| | 48.091 | Comal | 48.199 | Hardin | |
| | 48.093 | Comanche | 48.201 | Harris | |
| | 48.095 | Concho | 48.203 | Harrison | |
| | 48.097 | Cooke | 48.205 | Hartley | |
| | 48.099 | Coryell | 48.207 | Haskell | |
| | 48.101 | Cottle | 48.209 | Hays | |
| | | Crane | | Hemphill | |
| | 48.103 | | 48.211 | _ | |
| | 48.105 | Crockett | 48.213 | Henderson | |
| | 48.107 | Crosby | 48.215 | Hidalgo | |
| | 48.109 | Culberson | 48.217 | Hill | |
| | 48.111 | Dallam | 48.219 | Hockley | |
| | 48.113 | Dallas | 48.221 | Hood | |
| | 48.115 | Dawson | 48.223 | Hopkins | |
| | 48.117 | Deaf Smith | 48.225 | Houston | |
| | 48.119 | Delta | 48.227 | Howard | |
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| | 48.121 | | 48.229 | Hudspeth | |
| | 48.123 | De Witt | 48.231 | Hunt | |
| | 48.125 | Dickens | 48.233 | Hutchinson | |
| | 48.127 | Dimmit | 48.235 | Irion | |
| | 48.129 | Donley | 48.237 | Jack | |
| | 48.131 | Duval | 48.239 | Jackson | |
| | 48.133 | Eastland | 48.241 | Jasper | |
| | 48.135 | Ector | 48.243 | Jeff Davis | |
| | 48.137 | Edwards | 48.245 | Jefferson | |
| | 48.139 | Ellis | 48.247 | Jim Hogg | |
| | 48.141 | El Paso | 48.249 | Jim Wells | |
| | 48.143 | Erath | 48.251 | Johnson | |
| | 48.145 | Falls | 48.253 | Jones | |
| | 48.147 | Fannin | 48.255 | Karnes | |
| | 48.149 | Fayette | 48.257 | Karnes Kaufman | |
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| | 48.151 | Fisher | 48.259 | rendari | |

| | 48.153 | Floyd | 48.261 | Kenedy | |
|-----|---------|-------------|--------|---------------|------|
| | 48.155 | Foard | 48.263 | Kent | |
| | 48.157 | Fort Bend | 48.265 | Kerr | |
| | 48.159 | Franklin | 48.267 | Kimble | |
| | | | | | |
| | 48.269 | King | 48.377 | Presidio | |
| | 48.271 | Kinney | 48.379 | Rains | |
| | 48.273 | Kleberg | 48.381 | Randall | |
| | 48.275 | Knox | 48.383 | Reagan | |
| | 48.277 | Lamar | 48.385 | Real | |
| | 48.279 | Lamb | 48.387 | Red River | |
| | 48.281 | Lampasas | 48.389 | Reeves | |
| | 48.283 | La Salle | 48.391 | Refugio | |
| | 48.285 | Lavaca | 48.393 | Roberts | |
| | 48.287 | Lee | 48.395 | Robertson | |
| | 48.289 | Leon | 48.397 | Rockwall | |
| | 48.291 | Liberty | 48.399 | Runnels | |
| | 48.293 | Limestone | 48.401 | Rusk | |
| | 48.295 | Lipscomb | 48.403 | Sabine | |
| | 48.297 | Live Oak | 48.405 | San Augustine | |
| | 48.299 | Llano | 48.407 | San Jacinto | |
| | 48.301 | Loving | 48.409 | San Patricio | |
| | 48.303 | Lubbock | 48.411 | San Saba | |
| | 48.305 | Lynn | 48.413 | Schleicher | |
| | 48.307 | McCulloch | 48.415 | Scurry | |
| | 48.309 | McLennan | 48.417 | Shackelford | |
| | 48.311 | McMullen | 48.419 | Shelby | |
| | 48.313 | Madison | 48.421 | Sherman | |
| | 48.315 | Marion | 48.423 | Smith | |
| | 48.317 | Martin | 48.425 | Somervell | |
| | 48.319 | Mason | 48.427 | Starr | |
| | 48.321 | Matagorda | 48.429 | Stephens | |
| | 48.323 | Maverick | 48.431 | Sterling | |
| | 48.325 | Medina | 48.433 | Stonewall | |
| | 48.327 | Menard | 48.435 | Sutton | |
| | 48.329 | Midland | 48.437 | Swisher | |
| | 48.331 | Milam | 48.439 | Tarrant | |
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| | 48.335 | Mitchell | 48.443 | Terrell | |
| | 48.337 | Montague | 48.445 | Terry | |
| | 48.339 | Montgomery | 48.447 | Throckmorton | |
| | 48.341 | Moore | 48.449 | Titus | |
| | 48.343 | Morris | 48.451 | Tom Green | |
| | 48.345 | Motley | 48.453 | Travis | |
| | 48.347 | Nacogdoches | 48.455 | Trinity | |
| | 48.349 | Navarro | 48.457 | Tyler | |
| | 48.351 | Newton | 48.459 | Upshur | |
| | 48.353 | Nolan | 48.461 | Upton | |
| | 48.355 | Nueces | 48.463 | Uvalde | |

| | 40.337 | OCHITICIEE | 40.405 | | |
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| | 48.359 | Oldham | 48.467 | Van Zandt | |
| | 48.361 | Orange | 48.469 | Victoria | |
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| | | Palo Pinto | 48.471 | Walker | |
| | 48.365 | Panola | 48.473 | Waller | |
| | 48.367 | Parker | 48.475 | Ward | |
| | 48.369 | Parmer | 48.477 | Washington | |
| | 48.371 | Pecos | 48.479 | Webb | |
| | 48.373 | Polk | 48.481 | Wharton | |
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| | 48.375 | Potter | 48.483 | Wheeler | |
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| | 48.485 | Wichita | 50.023 | Washington | |
| | 48.487 | Wilbarger | 50.025 | Windham | |
| | 48.489 | Willacy | 50.027 | Windsor | |
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| | 48.491 | Williamson | 51 | Virginia | |
| | 48.493 | Wilson | 51.001 | Accomack | |
| | 48.495 | Winkler | 51.003 | Albemarle | |
| | 48.497 | Wise | 51.005 | Alleghany | |
| | 48.499 | Wood | 51.007 | Amelia | |
| | 48.501 | Yoakum | 51.009 | Amherst | |
| | | | | Appomattox | |
| | 48.503 | Young | 51.011 | | |
| | 48.505 | Zapata | 51.013 | Arlington | |
| | 48.507 | Zavala | 51.015 | Augusta | |
| | 49 | Utah | 51.017 | Bath | |
| | 49.001 | Beaver | 51.019 | Bedford | |
| | 49.003 | Box Elder | 51.021 | Bland | |
| | | Cache | 51.023 | Botetourt | |
| | | | | | |
| | | Carbon | 51.025 | Brunswick | |
| | 49.009 | Daggett | 51.027 | Buchanan | |
| | 49.011 | Davis | 51.029 | Buckingham | |
| | 49.013 | Duchesne | 51.031 | Campbell | |
| | 49.015 | Emery | 51.033 | Caroline | |
| | 49.017 | Carfield | 51.035 | Carroll | |
| | 49.019 | Grand | 51.036 | Charles City | |
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| | 49.021 | Iron | 51.037 | Charlotte | |
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| | 49.025 | Kane | 51.043 | Clarke | |
| | 49.027 | Millard | 51.045 | Craig | |
| | 49.029 | Morgan | 51.047 | Culpeper | |
| | 49.031 | Piute | 51.049 | Cumberland | |
| | 49.033 | Rich | 51.013 | Dickenson | |
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| | 49.035 | Salt Lake | 51.053 | Dinwiddie | |
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| | 49.039 | Sanpete | 51.059 | Fairfax | |
| | 49.041 | Sevier | 51.061 | Fauquier | |
| | 49.043 | Summit | 51.063 | Floyd | |
| | 49.045 | Tooele | 51.065 | Fluvanna | |
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| | 49.047 | Uintah | 51.067 | Franklin | |
| | 49.049 | Utah | 51.069 | Frederick | |
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48.465 Val Verde

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| 49.051 49.053 49.055 49.057 50.001 50.003 50.005 50.007 50.009 50.011 50.013 50.015 50.017 50.019 50.019 | Wasatch Washington Wayne Weber Vermont Addison Bennington Caledonia Chittenden Essex Franklin Grand Isle Lamoille Orange Orleans Rutland | 51.071 51.073 51.075 51.077 51.079 51.081 51.083 51.085 51.087 51.091 51.093 51.095 51.097 51.099 | Grayson Greene Greensville Halifax Hanover Henrico Henry Highland Isle Of Wight James City | |
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| 51.103 51.105 51.107 51.109 51.111 51.113 51.115 | Lancaster Lee Loudoun Louisa Lunenburg Madison Mathews | 51.610 51.620 51.630 51.640 | Danville Emporia Fairfax Falls Church Franklin Fredericksburg Galax | |
| 51.117 51.119 51.121 51.125 51.127 51.131 51.133 | Mecklenburg Middlesex Montgomery Nelson New Kent Northampton Northumberland | 51.650 51.660 51.670 51.678 51.680 51.683 51.685 | Hampton Harrisonburg Hopewell Lexington Lynchburg Manassas Manassas Park | |
| 51.135 51.137 51.139 51.141 51.143 51.145 | Nottoway Orange Page Patrick Pittsylvania Powhatan | 51.690 51.700 51.710 51.720 51.730 51.735 | Martinsville Newport News Norfolk Norton Petersburg Poquoson | |
| 51.153 51.155 51.157 51.159 51.161 | Prince Edward Prince George Prince William Pulaski Rappahannock Richmond Roanoke | 51.760 51.770 51.775 51.780 51.790 | Portsmouth Radford Richmond Roanoke Salem South Boston Staunton | |
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| 51.165 51.167 51.169 51.171 | Rockingham Russell Scott Shenandoah | 51.810 51.820 51.830 51.840 | Virginia Beach Waynesboro Williamsburg Winchester | |

| 51.173 | Smyth | 52 | Virgin Islands |
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| 51.175 | Southampton | | (No coordinates) |
| 51.177 | Spotsylvania | 53 | Washington |
| 51.179 | Stafford | 53.001 | Adams |
| 51.181 | Surry | 53.003 | Asotin |
| 51.183 | Sussex | 53.005 | Benton |
| 51.185 | Tazewell | 53.007 | Chelan |
| 51.187 | Warren | 53.009 | Clallam |
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| 51.193 | Westmoreland | 53.013 | Columbia |
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| 51.199 | York | 53.019 | Ferry |
| 51.510 | Alexandria | 53.021 | Franklin |
| 51.515 | Bedford | 53.023 | Garfield |
| 51.520 | Bristol | 53.025 | Grant |
| 51.530 | Buena Vista | 53.027 | Grays Harbor |
| 51.540 | Charlottesville | 53.029 | Island |
| 51.550 | Chesapeake | 53.031 | Jefferson |
| 51.560 | Clifton Forge | 53.033 | King |
| 51.570 | Colonial Heights | 53.035 | Kitsap |
| 51.580 | Covington | 53.037 | Kittitas |
| 31.300 | | 33.037 | RECOLOGS |
| 53.039 | Klickitat | 54.067 | Nicholas |
| 53.041 | Lewis | 54.069 | Ohio |
| | Lincoln | 54.071 | Pendleton |
| 53.045 | Mason | 54.073 | Pleasants |
| 53.047 | Okanogan | 54.075 | Pocahontas |
| 53.049 | Pacific | 54.077 | Preston |
| 53.051 | Pend Oreille | 54.079 | Putnam |
| 53.053 | Pierce | 54.081 | Raleigh |
| 53.055 | San Juan | 54.083 | Randolph |
| 53.057 | Skagit | 54.085 | Ritchie |
| 53.059 | Skamania | 54.087 | Roane |
| 53.061 | Snohomish | 54.089 | Summers |
| 53.063 | Spokane | 54.091 | Taylor |
| 53.065 | Stevens | 54.093 | Tucker |
| 53.067 | Thurston | 54.095 | Tyler |
| 53.069 | Wahkiakum | 54.097 | Upshur |
| 53.003 | Walla Walla | 54.099 | Wayne |
| 53.071 | Whatcom | 54.101 | Webster |
| 53.075 | Whitman | 54.103 | Wetzel |
| 53.073 | Yakima | 54.105 | Wirt |
| 53.077 | West Virgtinia | 54.105 | Wood |
| 54.001 | Barbour | 54.107 | Wyoming |
| 54.001 | Berkeley | 54.109 | Wisconsin |
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| 54.005 | Boone | 55.001 | Adams |
| 54.007 | Braxton | 55.003 | Ashland |
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| 54.011 54.013 54.015 54.017 54.019 54.021 54.023 54.025 54.027 54.029 54.031 54.033 54.035 54.037 54.039 54.041 54.043 54.045 54.047 54.049 54.051 54.053 54.055 54.057 54.059 54.061 54.063 54.065 | Cabell Calhoun Clay Doddridge Fayette Gilmer Grant Greenbrier Hampshire Hancock Hardy Harrison Jackson Jefferson Kanawha Lewis Lincoln Logan McDowell Marion Marshall Mason Mercer Mineral Mingo Monongalia Monroe Morgan |
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| 55.063 55.065 55.067 55.069 55.071 55.073 55.075 55.077 55.078 55.081 55.083 55.085 55.089 55.089 55.091 55.091 55.095 55.097 55.099 55.101 55.103 55.105 | La Crosse Lafayette Langlade Lincoln Manitowoc Marathon Marinette Marquette Menominee Milwaukee Monroe Oconto Oneida Outagamie Ozaukeee Pepin Pierce Polk Portage Price Racine Richland Rock Rusk |

| 55.009 55.011 55.013 55.017 55.019 55.021 55.023 55.025 55.027 55.029 55.031 55.033 55.035 55.037 55.043 55.043 55.045 55.047 55.049 55.051 55.053 55.055 | Buffalo Burnett Calumet Chippewa Clark Columbia Crawford Dane Dodge Door Douglas Dunn Eau Claire Florence Fond Du Lac Forest Grant Creen Creen Lake Iowa |
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| 56.027 56.029 | Platte Sheridan Sublette Sweetwater Teton Uinta Washakie |

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56.003 Big Horn
56.005 Campbell
56.007 Carbon
56.009 Converse
56.011 Crook
56.013 Fremont
56.015 Goshen
56.017 Hot Springs
56.019 Johnson
56.021 Laramie
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56.023 Lincoln