BEAG

ESUSA:

U.S. ENDANGERED SPECIES DISTRIBUTION FILE

John Nagy and Charles E. Calef

May 1978

INFORMAL REPORT

BIOMEDICAL AND ENVIRONMENTAL ASSESSMENT DIVISION
NATIONAL CENTER FOR ANALYSIS OF ENERGY SYSTEMS
BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.
UPTON, NEW YORK 11973

under contract no. EY-76-C-02-0016 with the
DIVISION OF TECHNOLOGY OVERVIEW/ENVIRONMENT
UNITED STATES DEPARTMENT OF ENERGY

MASTER

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency Thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

DISCLAIMER

Portions of this document may be illegible in electronic image products. Images are produced from the best available original document.

ESUSA:
U.S. ENDANGERED SPECIES DISTRIBUTION FILE

John Nagy and Charles E. Calef

May 1978

NOTICE

This report was prepared as an account of work sponsored by the United States Government. Neither the United States nor the United States Department of Energy, nor any of their employees, nor any of their contractors, subcontractors, or their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness or usefulness of any information, apparatus, product or process disclosed, or represents that its use would not infringe privately owned rights.

BIOMEDICAL AND ENVIRONMENTAL ASSESSMENT DIVISION
NATIONAL CENTER FOR ANALYSIS OF ENERGY SYSTEMS
BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.
UPTON, NEW YORK 11973

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED *leg*

N O T I C E

This report was prepared as an account of work sponsored by the United States Government. Neither the United States nor the United States Department of Energy (DOE), nor any of their employees, nor any of their contractors, subcontractors, or their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness or usefulness of any information, apparatus, product or process disclosed, or represents that its use would not infringe privately owned rights.

Printed in the United States of America
Available from
National Technical Information Service
U.S. Department of Commerce
5285 Port Royal Road
Springfield, VA 22161

TABLE OF CONTENTS

	<u>PAGE</u>
ABSTRACT.	i
PHYSICAL CHARACTERISTICS.	1
LOGICAL CHARACTERISTICS	2
APPENDICES	
A. DATA PRESENTLY IN FILE	3
B. CARD FORMATS	4
C. POSSIBLE EXPANSIONS OF FILE.	11
D. RELATED DATA FILES	12
E. COUNTY FIPS CODES.	13

ABSTRACT

This paper describes a file containing distribution data on federally listed or proposed endangered species of the United States. Included are (a) the common name, (b) the scientific name, (c) the taxonomic family, (d) the OES/FWS/USDI group (mammal, bird, etc.), (e) the status, (f) the geographic distribution by counties, and (g) Federal Register references. Status types are endangered, threatened, proposed, under review, deleted, and rejected. Distribution is by Federal Information Processing Standard (FIPS) county code and is of four types: designated critical habitat, present range, potential range, and historic range.

The file is currently being used in conjunction with similar data on projected future energy facilities to anticipate possible conflicts. However, the file would be useful to any project correlating endangered species with location information expressed by county. An example is as an aid in evaluating Forest Service or Bureau of Land Management proposed wilderness areas.

PHYSICAL CHARACTERISTICS

<u>Organization</u>	Biomedical and Environmental Assessment Division Brookhaven National Laboratory Upton, NY 11973
<u>Medium</u>	<u>type</u> punched cards <u>width</u> 80 columns <u>number used</u> 80 columns
<u>Character code</u>	IBM 026 Punch ("BCD")
<u>Control characters</u>	END-OF-DECK signaled by -1 in columns 77-78 of an "A" card
<u>Date of creation</u>	updated first week of every month
<u>Date of obsolescence</u>	end of the month
<u>Number of records</u>	approximately 3,500 and growing
<u>Privacy</u>	no restrictions of any kind

LOGICAL CHARACTERISTICS

<u>File name</u>	ESUSA
<u>File ID number</u>	none
<u>File date</u>	current to the end of the previous month
<u>File structure</u>	see Appendices A and B
<u>Documentation</u>	none as of this moment
<u>Subject</u>	see Appendix A
<u>Collating sequence</u>	see Appendix B
<u>Record characteristics</u>	see Appendix B
<u>Data elements</u>	see Appendix A

APPENDIX A

DATA PRESENTLY IN FILE

<u>Data</u>	<u>Card Type</u>	<u>Columns</u>
1) Common name	A	9-68
2) Scientific name	B	9-56
3) Taxonomic family	B	57-80
4) Fish and Wildlife Service group	A	77-78
5) Status	A	80
6) Distribution by counties		
a) designated critical habitat	C	
b) present range	D	
c) potential range	E	
d) historic range	F	
7) Federal Register References	G	

APPENDIX B

"A" Card

<u>Column(s)</u>	<u>Format</u>	<u>Variable</u>	<u>Comments</u>
1	A1	card type	A always
2	A1	sequence number	1 always
3	A1	continuation flag	blank always
4-7	I4	identification number	
8	1X	(unused)	
9-68	60A1, 15A4, 10A6, 6A10, etc.	<u>common name</u> <u>of species</u>	
69-76	8X	(unused)	
77-78	I2	<u>FWS group</u> <u>number</u>	-1 END-OF-DECK 1 Mammals 2 Birds 3 Reptiles 4 Amphibians 5 Fish 6 Snails 7 Clams 8 Crustaceans 9 Insects 10 Other 11 Plants
79	1X	(unused)	
80	A1	<u>status</u>	E Endangered T Threatened B Listed both E and T depending on population P Proposed for listing V Review of status in progress for an unlisted species D Deleted (delisted, deregulated) J Rejected for listing

APPENDIX B (Cont'd.)

"B" Card

<u>Column(s)</u>	<u>Format</u>	<u>Variable</u>	<u>Comments</u>
1	A1	card type	B always
2	A1	sequence number	1 always
3	A1	continuation flag	blank always
4-7	I4	identification number	
8	1X	(unused)	
9-56	48A1 12A4 8A6,....	<u>scientific name</u>	
57-80	24A1 6A4 4A6,....	<u>taxonomic family</u>	Latin

APPENDIX B (Cont'd.)

"C" Card--CRITICAL HABITAT

<u>Column(s)</u>	<u>Format</u>	<u>Variable</u>	<u>Comments</u>
1	A1	card type	C always
2	A1	sequence number	1-9, A-Z, + sequences series of cards when more than one needed (+ after 35th card)
3	A1	continuation flag	blank = no card follows * = more information of same type follows (a sequence of cards will have * in column 3 except for the last)
4-7	I4	identification number	
8	1X	(unused)	
9-80	12(1X,I5)	<u>designated critical habitat</u>	FIPS code of counties which contain federally listed or proposed "critical habitat" FIPS codes are of the form jjkkk where jj is the state code and kkk is the county code. A list of the FIPS codes appears at the end of this paper. Note: jj999 denotes <u>all</u> of state jj. jj000 denotes state jj, but counties are not specified.

APPENDIX B (Cont'd.)

"D" Card--PRESENT DISTRIBUTION

<u>Column(s)</u>	<u>Format</u>	<u>Variable</u>	<u>Comments</u>
1	A1	card type	D always
2	A1	sequence number	(see "C" card)
3	A1	continuation flag	(see "C" card)
4-7	I4	identification number	
8	1X	(unused)	
9-80	12(1X,I5)	<u>present distribution</u>	FIPS code of counties in U.S. which are known to contain members of the listed species at some time during the seasons. FIPS codes are of the form jjkkk where jj is the state code and kkk is the county code. A list of the FIPS codes appears at the end of this paper. Note: jj999 denotes all of state jj. jj000 denotes state jj, but count- ies are not speci- fied.

APPENDIX B (Cont'd.)

"E" Card--POTENTIAL DISTRIBUTION

<u>Column(s)</u>	<u>Format</u>	<u>Variable</u>	<u>Comments</u>
1	A1	card type	E always
2	A1	sequence number	(see "C" card)
3	A1	continuation flag	(see "C" card)
4-7	I4	identification number	
8	1X	(unused)	
9-80	12(1X,I5)	<u>potential distribution</u>	<p>FIPS code of counties which contain suitable habitat for the species. List would include all those counties in "present distribution."</p> <p>FIPS codes are of the form jjkkk where jj is the state code and kkk is the county code. A list of the FIPS codes appears at the end of this paper.</p> <p>Note: jj999 denotes <u>all</u> of state jj.</p> <p>jj000 denotes state jj, but counties are not specified.</p>

APPENDIX B (Cont'd.)

"F" Card--FORMER DISTRIBUTION

<u>Column(s)</u>	<u>Format</u>	<u>Variable</u>	<u>Comments</u>
1	A1	card type	F always
2	A1	sequence number	(see "C" card)
3	A1	continuation flag	(see "C" card)
4-7	I4	identification number	
8	1X	(unused)	
9-80	12(1X,I5)	<u>former</u> <u>(historic)</u> <u>distribution</u>	FIPS code of counties which were believed to be the original range of the species. FIPS codes are of the form jjkkk where jj is the state code and kkk is the county code. A list of the FIPS codes appears at the end of this paper. Note: jj999 denotes <u>all</u> of state jj. jj000 denotes state jj, but counties are not speci- fied.

APPENDIX B (Cont'd.)

"G" Card--FEDERAL REGISTER REFERENCES

<u>Column(s)</u>	<u>Format</u>	<u>Variable</u>	<u>Comments</u>
1	A1	card type	E always
2	A1	sequence number	(see "C" card)
3	A1	continuation flag	(see "C" card)
4-7	T4	identification number	
8-20	13X	(unused)	
21-81	3 groups, 20 columns each	<u>Federal Register References</u>	Up to 3 references per card in form mm/dd/yy (ppppp)ABCDE where mm = month dd = day yy = year ppppp = page ABCDE = some sort of descrip- tion such as PTCH "proposal for listing as threatened with critical habitat."

APPENDIX C

POSSIBLE EXPANSIONS OF FILE

- 1) State lists
- 2) Non-U.S.A. species
 - a) Endangered Species Act listings
 - b) the Convention
 - c) Migratory Birds
- 3) Preferred habitat--for correlation with wilderness proposals and restocking plans
- 4) Population, size and trends
- 5) Threat types
- 6) Fish and Wildlife Service Endangered Species Priority System Ratings

APPENDIX D

RELATED DATA FILES

1) Energy Atlas	Energy budgets, emissions and demographic data by county for 1972.
2) Future facilities	Type, opening date, capacity, county of new and expanded energy facilities.
3) County and State names	Relates FIPS code to two-character post office state abbreviation and ten-character county name.
4) Water Resource Council areas	Relates FIPS codes to Water Resource Council subareas and aggregated subareas.
5) Taxonomy	A file in development containing taxonomic relationships of plants and animals down to subfamily level.

APPENDIX E

FIPS CODE OF U.S.A. COUNTIES

PAGE 1

1001 AL AUTAUGA	1101 AL MONTGOMERY	4009 AZ GRAHAM
1003 AL BALDWIN	1103 AL MORGAN	4011 AZ GREENLEE
1005 AL BARBOUR	1105 AL PERRY	4013 AZ MARICOPA
1007 AL BIBB	1107 AL PICKENS	4015 AZ MOHAVE
1009 AL BLOUNT	1109 AL PIKE	4017 AZ NAVAJO
1011 AL BULLOCK	1111 AL RANDOLPH	4019 AZ PIMA
1013 AL BUTLER	1113 AL RUSSELL	4021 AZ PINAL
1015 AL CALHOUN	1115 AL ST CLAIR	4023 AZ SANTA CRUZ
1017 AL CHAMBERS	1117 AL SHELBY	4025 AZ YAVAPAI
1019 AL CHEROKEE	1119 AL SUMTER	4027 AZ YUMA
1021 AL CHILTON	1121 AL TALLADEGA	5001 AR ARKANSAS
1023 AL CHOCTAW	1123 AL TALLAPOOSA	5003 AR ASHLEY
1025 AL CLARKE	1125 AL TUSCALOOSA	5005 AR BAXTER
1027 AL CLAY	1127 AL WALKER	5007 AR BENTON
1029 AL CLEBURNE	1129 AL WASHINGTON	5009 AR BOONE
1031 AL COFFEE	1131 AL WILCOX	5011 AR BRADLEY
1033 AL COLBERT	1133 AL WINSTON	5013 AR CALHOUN
1035 AL CONECUH	2010 AK ALEUTIAN I	5015 AR CARROLL
1037 AL COOSA	2020 AK ANCHORAGE	5017 AR CHICOT
1039 AL COVINGTON	2030 AK ANGOON	5019 AR CLARK
1041 AL CRENSHAW	2040 AK BARROW	5021 AR CLAY
1043 AL CULLMAN	2050 AK BETHEL	5023 AR CLERBURN
1045 AL DALE	2060 AK BRIS BA BO	5025 AR CLEVELAND
1047 AL DALLAS	2070 AK BRISTOL BA	5027 AR COLUMBIA
1049 AL DE KALB	2080 AK CORDOVA-MC	5029 AR CONWAY
1051 AL ELMORE	2090 AK FAIRBANKS	5031 AR CRAIGHEAD
1053 AL ESCAMBIA	2100 AK HAINES	5033 AR CRAWFORD
1055 AL ETOWAH	2110 AK JUNEAU	5035 AR CRITTENDEN
1057 AL FAYETTE	2120 AK KENAI-COOK	5037 AR CROSS
1059 AL FRANKLIN	2130 AK KETCHIKAN	5039 AR DALLAS
1061 AL GENEVA	2140 AK KOBUK	5041 AR DESHA
1063 AL GREENE	2150 AK KODIAK	5043 AR DREW
1065 AL HALE	2160 AK KUSKOKWIM	5045 AR FAULKNER
1067 AL HENRY	2170 AK MATANUSKA-	5047 AR FRANKLIN
1069 AL HOUSTON	2180 AK NOME	5049 AR FULTON
1071 AL JACKSON	2190 AK OUTER KETC	5051 AR GARLAND
1073 AL JEFFERSON	2200 AK PRINCE OF	5053 AR GRANT
1075 AL LAMAR	2210 AK SEWARD	5055 AR GREENE
1077 AL LAUDERDALE	2220 AK SITKA	5057 AR HEMPSTEAD
1079 AL LAWRENCE	2230 AK SKAGWAY-YA	5059 AR HOT SPRING
1081 AL LEE	2240 AK SOUTHEAST	5061 AR HOWARD
1083 AL LIMESTONE	2250 AK UPPER YUKO	5063 AR INDEPENDEN
1085 AL LOWNDES	2260 AK VALDEZ-CHI	5065 AR IZARD
1087 AL MACON	2270 AK WADE HAMPT	5067 AR JACKSON
1089 AL MADISON	2280 AK WRANGELL-P	5069 AR JEFFERSON
1091 AL MARENGO	2290 AK YUKON-KOYU	5071 AR JOHNSON
1093 AL MARION	4001 AZ APACHE	5073 AR LAFAYETTE
1095 AL MARSHALL	4003 AZ COCHISE	5075 AR LAWRENCE
1097 AL MOBILE	4005 AZ COCONINO	5077 AR LEE
1099 AL MONROE	4007 AZ GILA	5079 AR LINCOLN

5081 AR LITTLE RIV	6031 CA KINGS	8015 CO CHAFFEE
5083 AR LOGAN	6033 CA LAKE	8017 CO CHEYENNE
5085 AR LONOKE	6035 CA LASSEN	8019 CO CLEAR CREE
5087 AR MADISON	6037 CA LOS ANGELE	8021 CO CONEJOS
5089 AR MARION	6039 CA MADERA	8023 CO COSTILLA
5091 AR MILLER	6041 CA MARIN	8025 CO CROWLEY
5093 AR MISSISSIPP	6043 CA MARIPOSA	8027 CO CUSTER
5095 AR MONROE	6045 CA MENDOCINO	8029 CO DELTA
5097 AR MONTGOMERY	6047 CA MERCED	8031 CO DENVER
5099 AR NEVADA	6049 CA MODOC	8033 CO DOLORES
5101 AR NEWTON	6051 CA MONO	8035 CO DOUGLAS
5103 AR OUACHITA	6053 CA MONTEREY	8037 CO EAGLE
5105 AR PERRY	6055 CA NAPA	8039 CO ELBERT
5107 AR PHILLIPS	6057 CA NEVADA	8041 CO EL PASO
5109 AR PIKE	6059 CA ORANGE	8043 CO FREMONT
5111 AR POINSETT	6061 CA PLACER	8045 CO GARFIELD
5113 AR POLK	6063 CA PLUMAS	8047 CO GILPIN
5115 AR POPE	6065 CA RIVERSIDE	8049 CO GRAND
5117 AR PRAIRIE	6067 CA SACRAMENTO	8051 CO GUNNISON
5119 AR PULASKI	6069 CA SAN BENITO	8053 CO HINSDALE
5121 AR RANDOLPH	6071 CA SAN BERNAR	8055 CO HUERFANO
5123 AR ST FRANCIS	6073 CA SAN DIEGO	8057 CO JACKSON
5125 AR SALINE	6075 CA SAN FRANCI	8059 CO JEFFERSON
5127 AR SCOTT	6077 CA SAN JOAQUI	8061 CO KIOWA
5129 AR SEARCY	6079 CA SAN LUIS O	8063 CO KIT CARSON
5131 AR SEBASTIAN	6081 CA SAN MATEO	8065 CO LAKE
5133 AR SEVIER	6083 CA SANTA BARB	8067 CO LA PLATA
5135 AR SHARP	6085 CA SANTA CLAR	8069 CO LARIMER
5137 AR STONE	6087 CA SANTA CRUZ	8071 CO LAS ANIMAS
5139 AR UNION	6089 CA SHASTA	8073 CO LINCOLN
5141 AR VAN BUREN	6091 CA SIERRA	8075 CO LOGAN
5143 AR WASHINGTON	6093 CA SISKIYOU	8077 CO MESA
5145 AR WHITE	6095 CA SOLANO	8079 CO MINERAL
5147 AR WOODRUFF	6097 CA SONOMA	8081 CO MOFFAT
5149 AR YELL	6099 CA STANISLAUS	8083 CO MONTEZUMA
6001 CA ALAMEDA	6101 CA SUTTER	8085 CO MONTROSE
6003 CA ALPINE	6103 CA TEHAMA	8087 CO MORGAN
6005 CA AMADOR	6105 CA TRINITY	8089 CO OTERO
6007 CA BUTTE	6107 CA TULARE	8091 CO OURAY
6009 CA CALAVERAS	6109 CA TUOLUMNE	8093 CO PARK
6011 CA COLUSA	6111 CA VENTURA	8095 CO PHILLIPS
6013 CA CONTRA COS	6113 CA YOLO	8097 CO PITKIN
6015 CA DEL NORTE	6115 CA YUBA	8099 CO PROWERS
6017 CA EL DORADO	8001 CO ADAMS	8101 CO PUEBLO
6019 CA FRESNO	8003 CO ALAMOSA	8103 CO RIO BLANCO
6021 CA GLENN	8005 CO ARAPAHOE	8105 CO RIO GRANDE
6023 CA HUMBOLDT	8007 CO ARCHULETA	8107 CO ROUTT
6025 CA IMPERIAL	8009 CO BACA	8109 CO SAGUACHE
6027 CA INYO	8011 CO BENT	8111 CO SAN JUAN
6029 CA KERN	8013 CO BOULDER	8113 CO SAN MIGUEL

FIPS CODE OF U.S.A. COUNTIES

PAGE 3

8115 CO SEDGWICK	12065 FL JEFFERSON	13031 GA BULLOCH
8117 CO SUMMIT	12067 FL LAFAYETTE	13033 GA BURKE
8119 CO TELLER	12069 FL LAKE	13035 GA BUTTS
8121 CO WASHINGTON	12071 FL LEE	13037 GA CALHOUN
8123 CO WELD	12073 FL LEON	13039 GA CAMDEN
8125 CO YUMA	12075 FL LEVY	13043 GA CANDLER
9001 CT FAIRFIELD	12077 FL LIBERTY	13045 GA CARROLL
9003 CT HARTFORD	12079 FL MADISON	13047 GA CATOOSA
9005 CT LITCHFIELD	12081 FL MANATEE	13049 GA CHARLTON
9007 CT MIDDLESEX	12083 FL MARION	13051 GA CHATHAM
9009 CT NEW HAVEN	12085 FL MARTIN	13053 GA CHATTAHOOC
9011 CT NEW LONDON	12087 FL MONROE	13055 GA CHATTOOGA
9013 CT TOLLAND	12089 FL NASSAU	13057 GA CHEROKEE
9015 CT WINDHAM	12091 FL OKALOOSA	13059 GA CLARKE
10001 DE KENT	12093 FL OKEECHOBEE	13061 GA CLAY
10003 DE NEW CASTLE	12095 FL ORANGE	13063 GA CLAYTON
10005 DE SUSSEX	12097 FL OSCEOLA	13065 GA CLINCH
11001 DC DIST. COL.	12099 FL PALM BEACH	13067 GA COBB
12001 FL ALACHUA	12101 FL PASCO	13069 GA COFFEE
12003 FL BAKER	12103 FL PINELLAS	13071 GA COLQUITT
12005 FL BAY	12105 FL POLK	13073 GA COLUMBIA
12007 FL BRADFORD	12107 FL PUTNAM	13075 GA COOK
12009 FL BREVARD	12109 FL ST JOHNS	13077 GA COWETA
12011 FL BROWARD	12111 FL ST LUCIE	13079 GA CRAWFORD
12013 FL CALHOUN	12113 FL SANTA ROSA	13081 GA CRISP
12015 FL CHARLOTTE	12115 FL SARASOTA	13083 GA DADE
12017 FL CITRUS	12117 FL SEMINOLE	13085 GA DAWSON
12019 FL CLAY	12119 FL SUMTER	13087 GA DECATUR
12021 FL COLLIER	12121 FL SUWANNEE	13089 GA DE KALB
12023 FL COLUMBIA	12123 FL TAYLOR	13091 GA DODGE
12025 FL DADE	12125 FL UNION	13093 GA DOOLY
12027 FL DE SOTO	12127 FL VOLUSIA	13095 GA DOUGHERTY
12029 FL DIXIE	12129 FL WAKULLA	13097 GA DOUGLAS
12031 FL DUVAL	12131 FL WALTON	13099 GA EARLY
12033 FL ESCAMBIA	12133 FL WASHINGTON	13101 GA ECHOLS
12035 FL FLAGLER	13001 GA APPLING	13103 GA EFFINGHAM
12037 FL FRANKLIN	13003 GA ATKINSON	13105 GA ELBERT
12039 FL GADSDEN	13005 GA BACON	13107 GA EMANUEL
12041 FL GILCHRIST	13007 GA BAKER	13109 GA EVANS
12043 FL GLADES	13009 GA BALDWIN	13111 GA FANNIN
12045 FL GULF	13011 GA BANKS	13113 GA FAYETTE
12047 FL HAMILTON	13013 GA BARROW	13115 GA FLOYD
12049 FL HARDEE	13015 GA BARTOW	13117 GA FORSYTH
12051 FL HENDRY	13017 GA BEN HILL	13119 GA FRANKLIN
12053 FL HERNANDO	13019 GA BERRIEN	13121 GA FULTON
12055 FL HIGHLANDS	13021 GA BIBB	13123 GA GILMER
12057 FL HILLSBOROUGH	13023 GA BLECKLEY	13125 GA GLASCOCK
12059 FL HOLMES	13025 GA BRANTLEY	13127 GA GLYNN
12061 FL INDIAN RIV	13027 GA BROOKS	13129 GA GORDON
12063 FL JACKSON	13029 GA BRYAN	13131 GA GRADY

13133 GA GREENE	13235 GA PIJLASKI	16005 ID BANNOCK
13135 GA GWINNETT	13237 GA PUTNAM	16007 ID BEAR LAKE
13137 GA HABERSHAM	13239 GA QUITMAN	16009 ID BENFWAH
13139 GA HALL	13241 GA RARUN	16011 ID RINGHAM
13141 GA HANCOCK	13243 GA RANDOLPH	16013 ID BLAINE
13143 GA HARALSON	13245 GA RICHMOND	16015 ID BOISE
13145 GA HARRIS	13247 GA ROCKDALE	16017 ID BONNER
13147 GA HART	13249 GA SCHLEY	16019 ID RONNEVILLE
13149 GA HEARD	13251 GA SCREVEN	16021 ID ROUNDARY
13151 GA HENRY	13253 GA SEMINOLE	16023 ID RUTTE
13153 GA HOUSTON	13255 GA SPALDING	16025 ID CAMAS
13155 GA IRWIN	13257 GA STEPHENS	16027 ID CANYON
13157 GA JACKSON	13259 GA STEWART	16029 ID CARIBOU
13159 GA JASPER	13261 GA SUMTER	16031 ID CASSIA
13161 GA JEFF DAVIS	13263 GA TALBOT	16033 ID CLARK
13163 GA JEFFERSON	13265 GA TALIAFERRO	16035 ID CLEARWATER
13165 GA JENKINS	13267 GA TATTNALL	16037 ID CUSTER
13167 GA JOHNSON	13269 GA TAYLOR	16039 ID ELMORE
13169 GA JONES	13271 GA TELFAIR	16041 ID FRANKLIN
13171 GA LAMAR	13273 GA TERRELL	16043 ID FREMONT
13173 GA LANIER	13275 GA THOMAS	16045 ID GEM
13175 GA LAURENS	13277 GA TIFT	16047 ID GOODING
13177 GA LEE	13279 GA TOOMBS	16049 ID IDAHO
13179 GA LIBERTY	13281 GA TOWNS	16051 ID JEFFERSON
13181 GA LINCOLN	13283 GA TREUTLEN	16053 ID JEROME
13183 GA LONG	13285 GA TROUP	16055 ID KOOTENAI
13185 GA LOWNDES	13287 GA TURNER	16057 ID LATAH
13187 GA LUMPKIN	13289 GA TWIGGS	16059 ID LEMHI
13189 GA MC DUFFIE	13291 GA UNION	16061 ID LEWIS
13191 GA MC INTOSH	13293 GA UPSON	16063 ID LINCOLN
13193 GA MACON	13295 GA WALKER	16065 ID MADISON
13195 GA MADISON	13297 GA WALTON	16067 ID MINIDOKA
13197 GA MARION	13299 GA WARE	16069 ID NEZ PERCE
13199 GA MERIWETHER	13301 GA WARREN	16071 ID ONEIDA
13201 GA MILLER	13303 GA WASHINGTON	16073 ID OWYHEE
13205 GA MITCHELL	13305 GA WAYNE	16075 ID PAYETTE
13207 GA MONROE	13307 GA WEBSTER	16077 ID POWER
13209 GA MONTGOMERY	13309 GA WHEELER	16079 ID SHOSHONE
13211 GA MORGAN	13311 GA WHITE	16081 ID TETON
13213 GA MURRAY	13313 GA WHITFIELD	16083 ID TWIN FALLS
13215 GA MUSCOGEE	13315 GA WILCOX	16085 ID VALLEY
13217 GA NEWTON	13317 GA WILKES	16087 ID WASHINGTON
13219 GA OCONEE	13319 GA WILKINSON	17001 IL ADAMS
13221 GA OGLETHORPE	13321 GA WORTH	17003 IL ALEXANDER
13223 GA PAULDING	15001 HI HAWAII	17005 IL BOND
13225 GA PEACH	15003 HI HONOLULU	17007 IL ROONE
13227 GA PICKENS	15007 HI KAUAI	17009 IL BROWN
13229 GA PIERCE	15009 HI MAUI	17011 IL BUREAU
13231 GA PIKE	16001 ID ADA	17013 IL CALHOUN
13233 GA POLK	16003 ID ADAMS	17015 IL CARROLL

FIPS CODE OF U.S.A. COUNTIES

PAGE 5

17017 IL CASS	17117 IL MACOUPIN	18013 IN BROWN
17019 IL CHAMPAIGN	17119 IL MADISON	18015 IN CARROLL
17021 IL CHRISTIAN	17121 IL MARION	18017 IN CASS
17023 IL CLARK	17123 IL MARSHALL	18019 IN CLARK
17025 IL CLAY	17125 IL MASON	18021 IN CLAY
17027 IL CLINTON	17127 IL MASSAC	18023 IN CLINTON
17029 IL COLES	17129 IL MENARD	18025 IN CRAWFORD
17031 IL COOK	17131 IL MERCER	18027 IN DAVIESS
17033 IL CRAWFORD	17133 IL MONROE	18029 IN DEARBORN
17035 IL CUMBERLAND	17135 IL MONTGOMERY	18031 IN DECATUR
17037 IL DE KALB	17137 IL MORGAN	18033 IN DE KALB
17039 IL DE WITT	17139 IL MOULTRIE	18035 IN DELAWARE
17041 IL DOUGLAS	17141 IL OGLE	18037 IN DUBOIS
17043 IL DU PAGE	17143 IL PEORIA	18039 IN ELKHART
17045 IL EDGAR	17145 IL PERRY	18041 IN FAYETTE
17047 IL EDWARDS	17147 IL PIATT	18043 IN FLOYD
17049 IL EFFINGHAM	17149 IL PIKE	18045 IN FOUNTAIN
17051 IL FAYETTE	17151 IL POPE	18047 IN FRANKLIN
17053 IL FORD	17153 IL PULASKI	18049 IN FULTON
17055 IL FRANKLIN	17155 IL PIJTNAM	18051 IN GIBSON
17057 IL FULTON	17157 IL RANDOLPH	18053 IN GRANT
17059 IL GALLATIN	17159 IL RICHLAND	18055 IN GREENE
17061 IL GREENE	17161 IL ROCK ISLAN	18057 IN HAMILTON
17063 IL GRUNDY	17163 IL ST CLAIR	18059 IN HANCOCK
17065 IL HAMILTON	17165 IL SALINE	18061 IN HARRISON
17067 IL HANCOCK	17167 IL SANGAMON	18063 IN HENDRICKS
17069 IL HARDIN	17169 IL SCHUYLER	18065 IN HENRY
17071 IL HENDERSON	17171 IL SCOTT	18067 IN HOWARD
17073 IL HENRY	17173 IL SHELBY	18069 IN HUNTINGTON
17075 IL IROQUOIS	17175 IL STARK	18071 IN JACKSON
17077 IL JACKSON	17177 IL STEPHENSON	18073 IN JASPER
17079 IL JASPER	17179 IL TAZEVELL	18075 IN JAY
17081 IL JEFFERSON	17181 IL UNION	18077 IN JEFFERSON
17083 IL JERSEY	17183 IL VERMILION	18079 IN JENNINGS
17085 IL JO DAVIESS	17185 IL WABASH	18081 IN JOHNSON
17087 IL JOHNSON	17187 IL WARREN	18083 IN KNOX
17089 IL KANE	17189 IL WASHINGTON	18085 IN KOSCIUSKO
17091 IL KANKAKEE	17191 IL WAYNE	18087 IN LAGRANGE
17093 IL KENDALL	17193 IL WHITE	18089 IN LAKE
17095 IL KNOX	17195 IL WHITESIDE	18091 IN LA PORTE
17097 IL LAKE	17197 IL WILL	18093 IN LAWRENCE
17099 IL LA SALLE	17199 IL WILLIAMSON	18095 IN MADISON
17101 IL LAWRENCE	17201 IL WINNEBAGO	18097 IN MARION
17103 IL LEE	17203 IL WOODFORD	18099 IN MARSHALL
17105 IL LIVINGSTON	18001 IN ADAMS	18101 IN MARTIN
17107 IL LOGAN	18003 IN ALLEN	18103 IN MIAMI
17109 IL MC DONOUGH	18005 IN BARTHOLOME	18105 IN MONROE
17111 IL MC HENRY	18007 IN BENTON	18107 IN MONTGOMERY
17113 IL MC LEAN	18009 IN BLACKFORD	18109 IN MORGAN
17115 IL MACON	18011 IN BOONE	18111 IN NEWTON

FIPS CODE OF U.S.A. COUNTIES

PAGE 6

18113	IN	NOBLE	19029	IA	CASS	19129	IA	MILLS
18115	IN	OHIO	19031	IA	CEDAR	19131	IA	MITCHELL
18117	IN	ORANGE	19033	IA	CERRO GORD	19133	IA	MONONA
18119	IN	OWEN	19035	IA	CHEROKEE	19135	IA	MONROE
18121	IN	PARKE	19037	IA	CHICKASAW	19137	IA	MONTGOMERY
18123	IN	PERRY	19039	IA	CLARKE	19139	IA	MUSCATINE
18125	IN	PIKE	19041	IA	CLAY	19141	IA	O'BRIEN
18127	IN	PORTER	19043	IA	CLAYTON	19143	IA	OSCEOLA
18129	IN	POSEY	19045	IA	CLINTON	19145	IA	PAGE
18131	IN	PULASKI	19047	IA	CRAWFORD	19147	IA	PALO ALTO
18133	IN	PUTNAM	19049	IA	DALLAS	19149	IA	PLYMOUTH
18135	IN	RANDOLPH	19051	IA	DAVIS	19151	IA	POCAHONTAS
18137	IN	RIPLEY	19053	IA	DECATUR	19153	IA	POLK
18139	IN	RUSH	19055	IA	DELAWARE	19155	IA	POTTAWATTA
18141	IN	ST JOSEPH	19057	IA	DES MOINES	19157	IA	POWESHIEK
18143	IN	SCOTT	19059	IA	DICKINSON	19159	IA	RINGGOLD
18145	IN	SHELBY	19061	IA	DUBUQUE	19161	IA	SAC
18147	IN	SPENCER	19063	IA	EMMET	19163	IA	SCOTT
18149	IN	STARKE	19065	IA	FAYETTE	19165	IA	SHELBY
18151	IN	STEUREN	19067	IA	FLOYD	19167	IA	SIOUX
18153	IN	SULLIVAN	19069	IA	FRANKLIN	19169	IA	STORY
18155	IN	SWITZERLAN	19071	IA	FREMONT	19171	IA	TAMA
18157	IN	TIPPECANOE	19073	IA	GREENE	19173	IA	TAYLOR
18159	IN	TIPTON	19075	IA	GRUNDY	19175	IA	UNION
18161	IN	UNION	19077	IA	GUTHRIE	19177	IA	VAN BUREN
18163	IN	VANDEBURG	19079	IA	HAMILTON	19179	IA	WAPELLO
18165	IN	VERMILLION	19081	IA	HANCOCK	19181	IA	WARREN
18167	IN	VIGO	19083	IA	HARDIN	19183	IA	WASHINGTON
18169	IN	WABASH	19085	IA	HARRISON	19185	IA	WAYNE
18171	IN	WARREN	19087	IA	HENRY	19187	IA	WEBSTER
18173	IN	WARRICK	19089	IA	HOWARD	19189	IA	WINNEBAGO
18175	IN	WASHINGTON	19091	IA	HUMBOLDT	19191	IA	WINNESHIEK
18177	IN	WAYNE	19093	IA	IDA	19193	IA	WOODBURY
18179	IN	WELLS	19095	IA	IOWA	19195	IA	WORTH
18181	IN	WHITE	19097	IA	JACKSON	19197	IA	WRIGHT
18183	IN	WHITLEY	19099	IA	JASPER	20001	KS	ALLEN
19001	IA	ADAIR	19101	IA	JEFFERSON	20003	KS	ANDERSON
19003	IA	ADAMS	19103	IA	JOHNSON	20005	KS	ATCHISON
19005	IA	ALLAMAKEE	19105	IA	JONES	20007	KS	BARRER
19007	IA	APPANOOSE	19107	IA	KEOKUK	20009	KS	BARTON
19009	IA	AUDUBON	19109	IA	KOSSUTH	20011	KS	BOURBON
19011	IA	BENTON	19111	IA	LEE	20013	KS	BROWN
19013	IA	BLACK HAWK	19113	IA	LINN	20015	KS	BUTLER
19015	IA	BOONE	19115	IA	LOUISA	20017	KS	CHASE
19017	IA	BREMER	19117	IA	LUCAS	20019	KS	CHAITAUQUA
19019	IA	BUCHANAN	19119	IA	LYON	20021	KS	CHEROKEE
19021	IA	BUENA VIST	19121	IA	MADISON	20023	KS	CHEYENNE
19023	IA	BUTLER	19123	IA	MAHASKA	20025	KS	CLARK
19025	IA	CALHOUN	19125	IA	MARION	20027	KS	CLAY
19027	IA	CARROLL	19127	IA	MARSHALL	20029	KS	CLOUD

FIPS CODE OF U.S.A. COUNTIES

PAGE 7

20031 KS COFFEY	20131 KS NEMAHA	21021 KY BOYLE
20033 KS COMANCHE	20133 KS NEOSHO	21023 KY BRACKEN
20035 KS COWLEY	20135 KS NESS	21025 KY BREATHITT
20037 KS CRAWFORD	20137 KS NORTON	21027 KY BRECKINRID
20039 KS DECATUR	20139 KS OSAGE	21029 KY BULLITT
20041 KS DICKINSON	20141 KS OSBORNE	21031 KY BUTLER
20043 KS DONIPHAN	20143 KS OTTAWA	21033 KY CALDWELL
20045 KS DOUGLAS	20145 KS PAWNEE	21035 KY CALLOWAY
20047 KS EDWARDS	20147 KS PHILLIPS	21037 KY CAMPRELL
20049 KS ELK	20149 KS POTTAWATOM	21039 KY CARLISLE
20051 KS ELLIS	20151 KS PRATT	21041 KY CARROLL
20053 KS ELLSWORTH	20153 KS RAWLINS	21043 KY CARTER
20055 KS FINNEY	20155 KS RENO	21045 KY CASEY
20057 KS FORD	20157 KS REPUBLIC	21047 KY CHRISTIAN
20059 KS FRANKLIN	20159 KS RICE	21049 KY CLARK
20061 KS GEARY	20161 KS RILEY	21051 KY CLAY
20063 KS GOVE	20163 KS ROOKS	21053 KY CLINTON
20065 KS GRAHAM	20165 KS RUSH	21055 KY CRITTENDEN
20067 KS GRANT	20167 KS RUSSELL	21057 KY CUMBERLAND
20069 KS GRAY	20169 KS SALINE	21059 KY DAVIESS
20071 KS GREELEY	20171 KS SCOTT	21061 KY EDMONSON
20073 KS GREENWOOD	20173 KS SEDGWICK	21063 KY ELLIOTT
20075 KS HAMILTON	20175 KS SEWARD	21065 KY ESTILL
20077 KS HARPER	20177 KS SHAWNEE	21067 KY FAYETTE
20079 KS HARVEY	20179 KS SHERIDAN	21069 KY FLEMING
20081 KS HASKELL	20181 KS SHERMAN	21071 KY FLOYD
20083 KS HODGEMAN	20183 KS SMITH	21073 KY FRANKLIN
20085 KS JACKSON	20185 KS STAFFORD	21075 KY FULTON
20087 KS JEFFERSON	20187 KS STANTON	21077 KY GALLATIN
20089 KS JEWELL	20189 KS STEVENS	21079 KY GARRARD
20091 KS JOHNSON	20191 KS SUMNER	21081 KY GRANT
20093 KS KEARNY	20193 KS THOMAS	21083 KY GRAVES
20095 KS KINGMAN	20195 KS TREGO	21085 KY GRAYSON
20097 KS KIOWA	20197 KS WABAUNSEE	21087 KY GREEN
20099 KS LABETTE	20199 KS WALLACE	21089 KY GREENUP
20101 KS LANE	20201 KS WASHINGTON	21091 KY HANCOCK
20103 KS LEAVENWORTH	20203 KS WICHITA	21093 KY HARDIN
20105 KS LINCOLN	20205 KS WILSON	21095 KY HARLAN
20107 KS LINN	20207 KS WOODSON	21097 KY HARRISON
20109 KS LOGAN	20209 KS WYANDOTTE	21099 KY HART
20111 KS LYON	21001 KY ADAIR	21101 KY HENDERSON
20113 KS MC PHERSON	21003 KY ALLEN	21103 KY HENRY
20115 KS MARION	21005 KY ANDERSON	21105 KY HICKMAN
20117 KS MARSHALL	21007 KY BALLARD	21107 KY HOPKINS
20119 KS MEADE	21009 KY BARREN	21109 KY JACKSON
20121 KS MIAMI	21011 KY BATH	21111 KY JEFFERSON
20123 KS MITCHELL	21013 KY BELL	21113 KY JESSAMINE
20125 KS MONTGOMERY	21015 KY BOONE	21115 KY JOHNSON
20127 KS MORRIS	21017 KY BOURBON	21117 KY KENTON
20129 KS MORTON	21019 KY BOYD	21119 KY KNOTT

FIPS CODE OF U.S.A. COUNTIES

PAGE 8

21121 KY KNOX	21221 KY TRIGG	22081 LA RED RIVER
21123 KY LARUE	21223 KY TRIMBLE	22083 LA RICHLAND
21125 KY LAUREL	21225 KY UNION	22085 LA SABINE
21127 KY LAWRENCE	21227 KY WARREN	22087 LA ST BERNARD
21129 KY LEE	21229 KY WASHINGTON	22089 LA ST CHARLES
21131 KY LESLIE	21231 KY WAYNE	22091 LA ST HELENA
21133 KY LETCHER	21233 KY WEBSTER	22093 LA ST JAMES
21135 KY LEWIS	21235 KY WHITLEY	22095 LA ST JOHN TH
21137 KY LINCOLN	21237 KY WOLFE	22097 LA ST LANDRY
21139 KY LIVINGSTON	21239 KY WOODFORD	22099 LA ST MARTIN
21141 KY LOGAN	22001 LA ACADIA	22101 LA ST MARY
21143 KY LYON	22003 LA ALLEN	22103 LA ST TAMMANY
21145 KY MC CRACKEN	22005 LA ASCENSION	22105 LA TANGIPAHOA
21147 KY MC CREARY	22007 LA ASSUMPTION	22107 LA TENSAS
21149 KY MC LEAN	22009 LA AVOYELLES	22109 LA TERREBONNE
21151 KY MADISON	22011 LA BEAUREGARD	22111 LA UNION
21153 KY MAGOFFIN	22013 LA BIENVILLE	22113 LA VERMILION
21155 KY MARION	22015 LA BOSSIER	22115 LA VERNON
21157 KY MARSHALL	22017 LA CADDO	22117 LA WASHINGTON
21159 KY MARTIN	22019 LA CALCASIEU	22119 LA WEBSTER
21161 KY MASON	22021 LA CALDWELL	22121 LA WEST BATON
21163 KY MEADE	22023 LA CAMERON	22123 LA WEST CARRO
21165 KY MENIFEE	22025 LA CATAHOULA	22125 LA WEST FELIC
21167 KY MERCER	22027 LA CLAIBORNE	22127 LA WINN
21169 KY METCALFE	22029 LA CONCORDIA	23001 ME ANDROSCOGG
21171 KY MONROE	22031 LA DE SOTO	23003 ME AROOSTOOK
21173 KY MONTGOMERY	22033 LA EAST BATON	23005 ME CUMBERLAND
21175 KY MORGAN	22035 LA EAST CARRO	23007 ME FRANKLIN
21177 KY MUHLENBERG	22037 LA EAST FELIC	23009 ME HANCOCK
21179 KY NELSON	22039 LA EVANGELINE	23011 ME KENNEBEC
21181 KY NICHOLAS	22041 LA FRANKLIN	23013 ME KNOX
21183 KY OHIO	22043 LA GRANT	23015 ME LINCOLN
21185 KY OLDHAM	22045 LA IBERIA	23017 ME OXFORD
21187 KY OWEN	22047 LA IBERVILLE	23019 ME PENOBSCOT
21189 KY OWSLEY	22049 LA JACKSON	23021 ME PISCATAQUI
21191 KY PENDLETON	22051 LA JEFFERSON	23023 ME SAGadahoc
21193 KY PERRY	22053 LA JEFF.DAVIS	23025 ME SOMERSET
21195 KY PIKE	22055 LA LAFAYETTE	23027 ME WALDO
21197 KY POWELL	22057 LA LAFOURCHE	23029 ME WASHINGTON
21199 KY PULASKI	22059 LA LA SALLE	23031 ME YORK
21201 KY ROBERTSON	22061 LA LINCOLN	24001 MD ALLEGANY
21203 KY ROCKCASTLE	22063 LA LIVINGSTON	24003 MD ANNE ARUND
21205 KY ROWAN	22065 LA MADISON	24005 MD BALTIMORE
21207 KY RUSSELL	22067 LA MOREHOUSE	24009 MD CALVERT
21209 KY SCOTT	22069 LA NATCHITOCH	24011 MD CAROLINE
21211 KY SHELBY	22071 LA ORLEANS	24013 MD CARROLL
21213 KY SIMPSON	22073 LA OUACHITA	24015 MD CECIL
21215 KY SPENCER	22075 LA PLAQUEMINE	24017 MD CHARLES
21217 KY TAYLOR	22077 LA POINTE COU	24019 MD DORCHESTER
21219 KY TODD	22079 LA RAPIDES	24021 MD FREDERICK

FIPS CODE OF U.S.A. COUNTIES

PAGE 9

24023 MD GARRETT	26045 MI EATON	26145 MI SAGINAW
24025 MD HARFORD	26047 MI EMMET	26147 MI ST CLAIR
24027 MD HOWARD	26049 MI GENESEE	26149 MI ST JOSEPH
24029 MD KENT	26051 MI GLADWIN	26151 MI SANILAC
24031 MD MONTGOMERY	26053 MI GOGEBIC	26153 MI SCHOOLCRAFT
24033 MD PRINCE GEO	26055 MI GRAND TRAV	26155 MI SHIAWASSEE
24035 MD QUEEN ANNE	26057 MI GRATIOT	26157 MI TUSCOLA
24037 MD ST MARYS	26059 MI HILLSDALE	26159 MI VAN BUREN
24039 MD SOMERSET	26061 MI HOUGHTON	26161 MI WASHTENAW
24041 MD TALBOT	26063 MI HUPON	26163 MI WAYNE
24043 MD WASHINGTON	26065 MI INGHAM	26165 MI WEXFORD
24045 MD WICOMICO	26067 MI IONIA	27001 MN AITKIN
24047 MD WORCESTER	26069 MI IOSCO	27003 MN ANOKA
24510 MD BALT. CITY	26071 MI IRON	27005 MN BECKER
25001 MA BARNSTABLE	26073 MI ISABELLA	27007 MN BELTRAMI
25003 MA BERKSHIRE	26075 MI JACKSON	27009 MN BENTON
25005 MA BRISTOL	26077 MI KALAMAZOO	27011 MN BIG STONE
25007 MA DUKES	26079 MI KALKASKA	27013 MN BLUE EARTH
25009 MA ESSEX	26081 MI KENT	27015 MN BROWN
25011 MA FRANKLIN	26083 MI KEWEENAW	27017 MN CARLTON
25013 MA HAMPDEN	26085 MI LAKE	27019 MN CARVER
25015 MA HAMPSHIRE	26087 MI LAPEER	27021 MN CASS
25017 MA MIDDLESEX	26089 MI LEELANAU	27023 MN CHIPPEWA
25019 MA NANTUCKET	26091 MI LENAWEE	27025 MN CHISAGO
25021 MA NORFOLK	26093 MI LIVINGSTON	27027 MN CLAY
25023 MA PLYMOUTH	26095 MI LUCE	27029 MN CLEARWATER
25025 MA SUFFOLK	26097 MI MACKINAC	27031 MN COOK
25027 MA WORCESTER	26099 MI MACOMB	27033 MN COTTONWOOD
26001 MI ALCONA	26101 MI MANISTEE	27035 MN CROW WING
26003 MI ALGER	26103 MI MARQUETTE	27037 MN DAKOTA
26005 MI ALLEGAN	26105 MI MASON	27039 MN DODGE
26007 MI ALPENA	26107 MI MECOSTA	27041 MN DOUGLAS
26009 MI ANTRIM	26109 MI MENOMINEE	27043 MN FARIRAUT
26011 MI ARENAC	26111 MI MIDLAND	27045 MN FILLMORE
26013 MI BARAGA	26113 MI MISSAUKEE	27047 MN FREERORN
26015 MI BARRY	26115 MI MONROE	27049 MN GOODHUE
26017 MI BAY	26117 MI MONTCALM	27051 MN GRANT
26019 MI BENZIE	26119 MI MONTMORENC	27053 MN HENNEPIN
26021 MI BERRIEN	26121 MI MUSKEGON	27055 MN HOUSTON
26023 MI BRANCH	26123 MI NEWAYGO	27057 MN HUBBARD
26025 MI CALHOUN	26125 MI OAKLAND	27059 MN ISANTI
26027 MI CASS	26127 MI OCEANA	27061 MN ITASCA
26029 MI CHARLEVOIX	26129 MI OGEMAW	27063 MN JACKSON
26031 MI CHEBOYGAN	26131 MI ONTONAGON	27065 MN KANABEC
26033 MI CHIPPEWA	26133 MI OSCEOLA	27067 MN KANDIYOH
26035 MI CLARE	26135 MI OSCODA	27069 MN KITTSO
26037 MI CLINTON	26137 MI OTSEGO	27071 MN KOOCHICHIN
26039 MI CRAWFORD	26139 MI OTTAWA	27073 MN LAC QUI PA
26041 MI DELTA	26141 MI PRESQUE IS	27075 MN LAKE
26043 MI DICKINSON	26143 MI ROSCOMMON	27077 MN LAKE OF TH

FIPS CODE OF U.S.A. COUNTIES

PAGE 10

27079 MN LE SUEUR	28005 MS AMITE	28105 MS OKTIRREHA
27081 MN LINCOLN	28007 MS ATTALA	28107 MS PANOLA
27083 MN LYON	28009 MS BENTON	28109 MS PEARL RIVE
27085 MN MC LEOD	28011 MS BOLIVAR	28111 MS PERRY
27087 MN MAHNOMEN	28013 MS CALHOUN	28113 MS PIKE
27089 MN MARSHALL	28015 MS CARROLL	28115 MS PONTOTOC
27091 MN MARTIN	28017 MS CHICKASAW	28117 MS PRENTISS
27093 MN MEEKER	28019 MS CHOCTAW	28119 MS QUITMAN
27095 MN MILLE LACS	28021 MS CLAIBORNE	28121 MS RANKIN
27097 MN MORRISON	28023 MS CLARKE	28123 MS SCOTT
27099 MN MOWER	28025 MS CLAY	28125 MS SHARKEY
27101 MN MURRAY	28027 MS COAHOMA	28127 MS SIMPSON
27103 MN NICOLLET	28029 MS COPIAH	28129 MS SMITH
27105 MN NOBLES	28031 MS COVINGTON	28131 MS STONE
27107 MN NORMAN	28033 MS DE SOTO	28133 MS SUNFLOWER
27109 MN OLMSTED	28035 MS FORREST	28135 MS TALLAHATCH
27111 MN OTTER TAIL	28037 MS FRANKLIN	28137 MS TATE
27113 MN PENNINGTON	28039 MS GEORGE	28139 MS TIPPAAH
27115 MN PINE	28041 MS GREENE	28141 MS TISHOMINGO
27117 MN PIPESTONE	28043 MS GRENADA	28143 MS TUNICA
27119 MN POLK	28045 MS HANCOCK	28145 MS UNION
27121 MN POPE	28047 MS HARRISON	28147 MS WALTHALL
27123 MN RAMSEY	28049 MS HINDS	28149 MS WARREN
27125 MN RED LAKE	28051 MS HOLMES	28151 MS WASHINGTON
27127 MN REDWOOD	28053 MS HUMPHREYS	28153 MS WAYNE
27129 MN RENVILLE	28055 MS ISSAQUENA	28155 MS WEBSTER
27131 MN RICE	28057 MS ITAWAMBA	28157 MS WILKINSON
27133 MN ROCK	28059 MS JACKSON	28159 MS WINSTON
27135 MN ROSEAU	28061 MS JASPER	28161 MS YALORUSHA
27137 MN ST LOUIS	28063 MS JEFFERSON	28163 MS YAZOO
27139 MN SCOTT	28065 MS JEFF.DAVIS	29001 MO ADAIR
27141 MN SHERBURNE	28067 MS JONES	29003 MO ANDREW
27143 MN SIBLEY	28069 MS KEMPER	29005 MO ATCHISON
27145 MN STEARNS	28071 MS LAFAYETTE	29007 MO AUDRAIN
27147 MN STEELE	28073 MS LAMAR	29009 MO BARRY
27149 MN STEVENS	28075 MS LAUDERDALE	29011 MO BARTON
27151 MN SWIFT	28077 MS LAWRENCE	29013 MO BATES
27153 MN TODD	28079 MS LEAKE	29015 MO BENTON
27155 MN TRAVERSE	28081 MS LEE	29017 MO ROLLINGER
27157 MN WABASHA	28083 MS LEFLORE	29019 MO BOONE
27159 MN WADENA	28085 MS LINCOLN	29021 MO RUCHANAN
27161 MN WASECA	28087 MS LOWNDES	29023 MO BUTLER
27163 MN WASHINGTON	28089 MS MADISON	29025 MO CALDWELL
27165 MN WATONWAN	28091 MS MARION	29027 MO CALLAWAY
27167 MN WILKIN	28093 MS MARSHALL	29029 MO CAMDEN
27169 MN WINONA	28095 MS MONROE	29031 MO CAPE GIRAR
27171 MN WRIGHT	28097 MS MONTGOMERY	29033 MO CARROLL
27173 MN YELLOW MED	28099 MS NESHORA	29035 MO CARTER
28001 MS ADAMS	28101 MS NEWTON	29037 MO CASS
28003 MS ALCORN	28103 MS NOXUBEE	29039 MO CEDAR

FIPS CODE OF U.S.A. COUNTIES

PAGE 11

29041 MO CHARITON	29141 MO MORGAN	30011 MT CARTER
29043 MO CHRISTIAN	29143 MO NEW MADRID	30013 MT CASCADE
29045 MO CLARK	29145 MO NEWTON	30015 MT CHOUTEAU
29047 MO CLAY	29147 MO NODAWAY	30017 MT CUSTER
29049 MO CLINTON	29149 MO OREGON	30019 MT DANIELS
29051 MO COLE	29151 MO OSAGE	30021 MT DAWSON
29053 MO COOPER	29153 MO OZARK	30023 MT DEER LODGE
29055 MO CRAWFORD	29155 MO PEMISCOT	30025 MT FALLON
29057 MO DADE	29157 MO PERRY	30027 MT FERGUS
29059 MO DALLAS	29159 MO PFTTIS	30029 MT FLATHEAD
29061 MO DAVIESS	29161 MO PHELPS	30031 MT GALLATIN
29063 MO DE KALB	29163 MO PIKE	30033 MT GARFIELD
29065 MO DENT	29165 MO PLATTE	30035 MT GLACIER
29067 MO DOUGLAS	29167 MO POLK	30037 MT GOLDEN VAL
29069 MO DUNKLIN	29169 MO PULASKI	30039 MT GRANITE
29071 MO FRANKLIN	29171 MO PUTNAM	30041 MT HILL
29073 MO GASCONADE	29173 MO RALLS	30043 MT JEFFERSON
29075 MO GENTRY	29175 MO RANDOLPH	30045 MT JUDITH RAS
29077 MO GREENE	29177 MO RAY	30047 MT LAKF
29079 MO GRUNDY	29179 MO REYNOLDS	30049 MT LEWIS AND
29081 MO HARRISON	29181 MO RIPLEY	30051 MT LIBERTY
29083 MO HENRY	29183 MO ST CHARLES	30053 MT LINCOLN
29085 MO HICKORY	29185 MO ST CLAIR	30055 MT MC CONE
29087 MO HOLT	29187 MO ST FRANCOI	30057 MT MADISON
29089 MO HOWARD	29189 MO ST LOUIS	30059 MT MEAGHER
29091 MO HOWELL	29193 MO STE GENEVI	30061 MT MINERAL
29093 MO IRON	29195 MO SALINE	30063 MT MISSOULA
29095 MO JACKSON	29197 MO SCHUYLER	30065 MT MUSSELSHEL
29097 MO JASPER	29199 MO SCOTLAND	30067 MT PARK
29099 MO JEFFERSON	29201 MO SCOTT	30069 MT PETROLEUM
29101 MO JOHNSON	29203 MO SHANNON	30071 MT PHILLIPS
29103 MO KNOX	29205 MO SHELBY	30073 MT PONDRA
29105 MO LACLEDE	29207 MO STODDARD	30075 MT POWDER RIV
29107 MO LAFAYETTE	29209 MO STONE	30077 MT POWELL
29109 MO LAWRENCE	29211 MO SULLIVAN	30079 MT PRAIRIE
29111 MO LEWIS	29213 MO TANEY	30081 MT RAVALLI
29113 MO LINCOLN	29215 MO TEXAS	30083 MT RICHLAND
29115 MO LINN	29217 MO VERNON	30085 MT ROOSEVELT
29117 MO LIVINGSTON	29219 MO WARREN	30087 MT ROSEBUD
29119 MO MC DONALD	29221 MO WASHINGTON	30089 MT SANDERS
29121 MO MACON	29223 MO WAYNE	30091 MT SHEPIDAN
29123 MO MADISON	29225 MO WEBSTER	30093 MT SILVER BOW
29125 MO MARIES	29227 MO WORTH	30095 MT STILLWATER
29127 MO MARION	29229 MO WRIGHT	30097 MT SWEET GRAS
29129 MO MERCER	29510 MO ST LOUIS C	30099 MT TETON
29131 MO MILLER	30001 MT BEAVERHEAD	30101 MT TOOLE
29133 MO MISSISSIPP	30003 MT BIG HORN	30103 MT TREASURE
29135 MO MONITEAU	30005 MT BLAINE	30105 MT VALLEY
29137 MO MONROE	30007 MT BROADWATER	30107 MT WHEATLAND
29139 MO MONTGOMERY	30009 MT CARBON	30109 MT WILBAUX

FIPS CODE OF U.S.A. COUNTIES

PAGE 12

30111 MT YELLOWSTON	31097 NE JOHNSON	32009 NV ESMEALDA
30113 MT YELL NAT	31099 NE KEARNEY	32011 NV EUREKA
31001 NE ADAMS	31101 NE KEITH	32013 NV HUMBOLDT
31003 NE ANTELOPE	31103 NE KEYA PAHA	32015 NV LANDER
31005 NE ARTHUR	31105 NE KIMBALL	32017 NV LINCOLN
31007 NE BANNER	31107 NE KNOX	32019 NV LYON
31009 NE BLAINE	31109 NE LANCASTER	32021 NV MINERAL
31011 NE BOONE	31111 NE LINCOLN	32023 NV NYE
31013 NE BOX BUTTE	31113 NE LOGAN	32027 NV PERSHING
31015 NE BOYD	31115 NE LOUP	32029 NV STOREY
31017 NE BROWN	31117 NE MC PHERSON	32031 NV WASHOE
31019 NE BUFFALO	31119 NE MADISON	32033 NV WHITE PINE
31021 NE BURT	31121 NE MERRICK	33001 NH BELKNAP
31023 NE BUTLER	31123 NE MORRILL	33003 NH CARROLL
31025 NE CASS	31125 NE NANCE	33005 NH CHESHIRE
31027 NE CEDAR	31127 NE NEMAH	33007 NH COOS
31029 NE CHASE	31129 NE NUCKOLLS	33009 NH GRAFTON
31031 NE CHERRY	31131 NE OTOE	33011 NH HILLSBOROU
31033 NE CHEYENNE	31133 NE PAWNEE	33013 NH MERRIMACK
31035 NE CLAY	31135 NE PERKINS	33015 NH ROCKINGHAM
31037 NE COLFAX	31137 NE PHELPS	33017 NH STRAFFORD
31039 NE CUMING	31139 NE PIERCE	33019 NH SULLIVAN
31041 NE CUSTER	31141 NE PLATTE	34001 NJ ATLANTIC
31043 NE DAKOTA	31143 NE POLK	34003 NJ BERGEN
31045 NE DAWES	31145 NE RED WILLOW	34005 NJ BURLINGTON
31047 NE DAWSON	31147 NE RICHARDSON	34007 NJ CAMDEN
31049 NE DEUEL	31149 NE ROCK	34009 NJ CAPE MAY
31051 NE DIXON	31151 NE SALINE	34011 NJ CUMBERLAND
31053 NE DODGE	31153 NE SARPY	34013 NJ ESSEX
31055 NE DOUGLAS	31155 NE SAUNDERS	34015 NJ GLOUCESTER
31057 NE DUNDY	31157 NE SCOTTS BLU	34017 NJ HUDSON
31059 NE FILLMORE	31159 NE SEWARD	34019 NJ HUNTERDON
31061 NE FRANKLIN	31161 NE SHERIDAN	34021 NJ MERCER
31063 NE FRONTIER	31163 NE SHERMAN	34023 NJ MIDDLESEX
31065 NE FURNAS	31165 NE SIOUX	34025 NJ MONMOUTH
31067 NE GAGE	31167 NE STANTON	34027 NJ MORRIS
31069 NE GARDEN	31169 NE THAYER	34029 NJ OCEAN
31071 NE GARFIELD	31171 NE THOMAS	34031 NJ PASSAIC
31073 NE GOSPER	31173 NE THURSTON	34033 NJ SALEM
31075 NE GRANT	31175 NE VALLEY	34035 NJ SOMERSET
31077 NE GREELEY	31177 NE WASHINGTON	34037 NJ SUSSEX
31079 NE HALL	31179 NE WAYNE	34039 NJ UNION
31081 NE HAMILTON	31181 NE WEBSTER	34041 NJ WARREN
31083 NE HARLAN	31183 NE WHEELER	35001 NM BERNALILLO
31085 NE HAYES	31185 NE YORK	35003 NM CATRON
31087 NE HITCHCOCK	32510 NV CARSON CIT	35005 NM CHAVES
31089 NE HOLT	32001 NV CHURCHILL	35007 NM COLFAX
31091 NE HOOKER	32003 NV CLARK	35009 NM CURRY
31093 NE HOWARD	32005 NV DOUGLAS	35011 NM DE BACA
31095 NE JEFFERSON	32007 NV ELKO	35013 NM DONA ANA

FIPS CODE OF U.S.A. COUNTIES

PAGE 13

35015 NM EDDY	36051 NY LIVINGSTON	37027 NC CALDWELL
35017 NM GRANT	36053 NY MADISON	37029 NC CAMDEN
35019 NM GUADALUPE	36055 NY MONROE	37031 NC CARTERET
35021 NM HARDING	36057 NY MONTGOMERY	37033 NC CASWELL
35023 NM HIDALGO	36059 NY NASSAU	37035 NC CATAWBA
35025 NM LEA	36061 NY NEW YORK	37037 NC CHATHAM
35027 NM LINCOLN	36063 NY NIAGARA	37039 NC CHEROKEE
35028 NM LOS ALAMOS	36065 NY ONEIDA	37041 NC CHOWAN
35029 NM LUNA	36067 NY ONONDAGA	37043 NC CLAY
35031 NM MC KINLEY	36069 NY ONTARIO	37045 NC CLEVELAND
35033 NM MORA	36071 NY ORANGE	37047 NC COLUMBUS
35035 NM OTERO	36073 NY ORLEANS	37049 NC CRAVEN
35037 NM QUAY	36075 NY OSWEGO	37051 NC CUMBERLAND
35039 NM RIO ARriba	36077 NY OTSEGO	37053 NC CURRITUCK
35041 NM ROOSEVELT	36079 NY PUTNAM	37055 NC DARE
35043 NM SANDOVAL	36081 NY QUEENS	37057 NC DAVIDSON
35045 NM SAN JUAN	36083 NY RENSSELAER	37059 NC DAVIE
35047 NM SAN MIGUEL	36085 NY RICHMOND	37061 NC DUPLIN
35049 NM SANTA FE	36087 NY ROCKLAND	37063 NC DURHAM
35051 NM SIERRA	36089 NY ST LAWRENC	37065 NC EDGEcombe
35053 NM SOCORRO	36091 NY SARATOGA	37067 NC FORSYTH
35055 NM TAOS	36093 NY SCHENECTAD	37069 NC FRANKLIN
35057 NM TORRANCE	36095 NY SCHOHARIE	37071 NC GASTON
35059 NM UNION	36097 NY SCHUYLER	37073 NC GATES
35061 NM VALENCIA	36099 NY SENECA	37075 NC GRAHAM
36001 NY ALBANY	36101 NY STEUBEN	37077 NC GRANVILLE
36003 NY ALLEGANY	36103 NY SUFFOLK	37079 NC GREENE
36005 NY BRONX	36105 NY SULLIVAN	37081 NC GUILFORD
36007 NY BROOME	36107 NY TIOGA	37083 NC HALIFAX
36009 NY CATTARAUGU	36109 NY TOMPKINS	37085 NC HARNETT
36011 NY CAYUGA	36111 NY ULSTER	37087 NC HAYWOOD
36013 NY CHAUTAUQUA	36113 NY WARREN	37089 NC HENDERSON
36015 NY CHEMUNG	36115 NY WASHINGTON	37091 NC HERTFORD
36017 NY CHENANGO	36117 NY WAYNE	37093 NC HOKF
36019 NY CLINTON	36119 NY WESTCHESTE	37095 NC HYDE
36021 NY COLUMBIA	36121 NY WYOMING	37097 NC IREDELL
36023 NY CORTLAND	36123 NY YATES	37099 NC JACKSON
36025 NY DELAWARE	37001 NC ALAMANCE	37101 NC JOHNSTON
36027 NY DUTCHESS	37003 NC ALEXANDER	37103 NC JONES
36029 NY ERIE	37005 NC ALLEGHANY	37105 NC LEE
36031 NY ESSEX	37007 NC ANSON	37107 NC LENOIR
36033 NY FRANKLIN	37009 NC ASHE	37109 NC LINCOLN
36035 NY FULTON	37011 NC AVERY	37111 NC MC DOWELL
36037 NY GENESEE	37013 NC BEAUFORT	37113 NC MACON
36039 NY GREENE	37015 NC BERTIE	37115 NC MADISON
36041 NY HAMILTON	37017 NC BLADEN	37117 NC MARTIN
36043 NY HERKIMER	37019 NC BRUNSWICK	37119 NC MECKLENBUR
36045 NY JEFFERSON	37021 NC BUNCOMBE	37121 NC MITCHELL
36047 NY KINGS	37023 NC BURKE	37123 NC MONTGOMERY
36049 NY LEWIS	37025 NC CABARRUS	37125 NC MOORE

FIPS CODE OF U.S.A. COUNTIES

PAGE 14

37127 NC NASH	38027 ND EDDY	39021 OH CHAMPAIGN
37129 NC NEW HANOVE	38029 ND EMMONS	39023 OH CLARK
37131 NC NORTHAMPTO	38031 ND FOSTER	39025 OH CLERMONT
37133 NC ONSLOW	38033 ND GOLDEN VAL	39027 OH CLINTON
37135 NC ORANGE	38035 ND GRAND FORK	39029 OH COLUMBIANA
37137 NC PAMLICO	38037 ND GRANT	39031 OH COSHOCTON
37139 NC PASQUOTANK	38039 ND GRIGGS	39033 OH CRAWFORD
37141 NC PENDER	38041 ND HETTINGER	39035 OH CUYAHOGA
37143 NC PERQUIMANS	38043 ND KIDDER	39037 OH DARKE
37145 NC PERSON	38045 ND LA MOURE	39039 OH DEFIANCE
37147 NC PITT	38047 ND LOGAN	39041 OH DELAWARE
37149 NC POLK	38049 ND MC HENRY	39043 OH ERIE
37151 NC RANDOLPH	38051 ND MC INTOSH	39045 OH FAIRFIELD
37153 NC RICHMOND	38053 ND MC KENZIE	39047 OH FAYETTE
37155 NC ROBESON	38055 ND MC LEAN	39049 OH FRANKLIN
37157 NC ROCKINGHAM	38057 ND MERCER	39051 OH FULTON
37159 NC ROWAN	38059 ND MORTON	39053 OH GALLIA
37161 NC RUTHERFORD	38061 ND MOUNTRAIL	39055 OH GEAUGA
37163 NC SAMPSON	38063 ND NELSON	39057 OH GREENE
37165 NC SCOTLAND	38065 ND OLIVER	39059 OH GUERNSEY
37167 NC STANLY	38067 ND PEMBINA	39061 OH HAMILTON
37169 NC STOKES	38069 ND PIERCE	39063 OH HANCOCK
37171 NC SURRY	38071 ND RAMSEY	39065 OH HARDIN
37173 NC SWAIN	38073 ND RANSOM	39067 OH HARRISON
37175 NC TRANSYLVAN	38075 ND RENVILLE	39069 OH HENRY
37177 NC TYRRELL	38077 ND RICHLAND	39071 OH HIGHLAND
37179 NC UNION	38079 ND ROLETTE	39073 OH HOCKING
37181 NC VANCE	38081 ND SARGENT	39075 OH HOLMES
37183 NC WAKE	38083 ND SHERIDAN	39077 OH HURON
37185 NC WARREN	38085 ND SIOUX	39079 OH JACKSON
37187 NC WASHINGTON	38087 ND SLOPE	39081 OH JEFFERSON
37189 NC WATAUGA	38089 ND STARK	39083 OH KNOX
37191 NC WAYNE	38091 ND STEELE	39085 OH LAKE
37193 NC WILKES	38093 ND STUTSMAN	39087 OH LAWRENCE
37195 NC WILSON	38095 ND TOWNER	39089 OH LICKING
37197 NC YADKIN	38097 ND TRAILL	39091 OH LOGAN
37199 NC YANCEY	38099 ND WALSH	39093 OH LORAIN
38001 ND ADAMS	38101 ND WARD	39095 OH LUCAS
38003 ND BARNES	38103 ND WELLS	39097 OH MADISON
38005 ND BENSON	38105 ND WILLIAMS	39099 OH MAHONING
38007 ND BILLINGS	39001 OH ADAMS	39101 OH MARION
38009 ND BOTTINEAU	39003 OH ALLEN	39103 OH MEDINA
38011 ND BOWMAN	39005 OH ASHLAND	39105 OH MEIGS
38013 ND BURKE	39007 OH ASHTABULA	39107 OH MERCER
38015 ND BURLEIGH	39009 OH ATHENS	39109 OH MIAMI
38017 ND CASS	39011 OH AUGLAIZE	39111 OH MONROE
38019 ND CAVALIER	39013 OH BELMONT	39113 OH MONTGOMERY
38021 ND DICKEY	39015 OH BROWN	39115 OH MORGAN
38023 ND DIVIDE	39017 OH BUTLER	39117 OH MORROW
38025 ND DUNN	39019 OH CARROLL	39119 OH MUSKINGUM

FIPS CODE OF U.S.A. COUNTIES

PAGE 15

39121 OH NOBLE	40045 OK ELLIS	40145 OK WAGONER
39123 OH OTTAWA	40047 OK GARFIELD	40147 OK WASHINGTON
39125 OH PAULDING	40049 OK GARVIN	40149 OK WASHITA
39127 OH PERRY	40051 OK GRADY	40151 OK WOODS
39129 OH PICKAWAY	40053 OK GRANT	40153 OK WOODWARD
39131 OH PIKE	40055 OK GREER	41001 OR BAKER
39133 OH PORTAGE	40057 OK HARMON	41003 OR BENTON
39135 OH PREBLE	40059 OK HARPER	41005 OR CLACKAMAS
39137 OH PUTNAM	40061 OK HASKELL	41007 OR CLATSOP
39139 OH RICHLAND	40063 OK HUGHES	41009 OR COLUMBIA
39141 OH RUSS	40065 OK JACKSON	41011 OR COOS
39143 OH SANDUSKY	40067 OK JEFFERSON	41013 OR CROOK
39145 OH SCIOTO	40069 OK JOHNSTON	41015 OR CURRY
39147 OH SENECA	40071 OK KAY	41017 OR DESCHUTES
39149 OH SHELBY	40073 OK KINGFISHER	41019 OR DOUGLAS
39151 OH STARK	40075 OK KIOWA	41021 OR GILLIAM
39153 OH SUMMIT	40077 OK LATIMER	41023 OR GRANT
39155 OH TRUMBULL	40079 OK LE FLORE	41025 OR HARNEY
39157 OH TUSCARAWAS	40081 OK LINCOLN	41027 OR HOOD RIVER
39159 OH UNION	40083 OK LOGAN	41029 OR JACKSON
39161 OH VAN WERT	40085 OK LOVE	41031 OR JEFFERSON
39163 OH VINTON	40087 OK MC CLAIN	41033 OR JOSEPHINE
39165 OH WARREN	40089 OK MC CURTAIN	41035 OR KLAMATH
39167 OH WASHINGTON	40091 OK MC INTOSH	41037 OR LAKE
39169 OH WAYNE	40093 OK MAJOR	41039 OR LANE
39171 OH WILLIAMS	40095 OK MARSHALL	41041 OR LINCOLN
39173 OH WOOD	40097 OK MAYES	41043 OR LINN
39175 OH WYANDOT	40099 OK MURRAY	41045 OR MALHEUR
40001 OK ADAIR	40101 OK MUSKOGEE	41047 OR MARION
40003 OK ALFALFA	40103 OK NORLE	41049 OR MORROW
40005 OK ATOKA	40105 OK NOWATA	41051 OR MULTNOMAH
40007 OK BEAVER	40107 OK OKFUSKEE	41053 OR POLK
40009 OK BECKHAM	40109 OK OKLAHOMA	41055 OR SHERMAN
40011 OK BLAINE	40111 OK OKMULGEE	41057 OR TILLAMOOK
40013 OK BRYAN	40113 OK OSAGE	41059 OR UMATILLA
40015 OK CADDO	40115 OK OTTAWA	41061 OR UNION
40017 OK CANADIAN	40117 OK PAWNEE	41063 OR WALLOWA
40019 OK CARTER	40119 OK PAYNE	41065 OR WASCO
40021 OK CHEROKEE	40121 OK PITTSBURG	41067 OR WASHINGTON
40023 OK CHOCTAW	40123 OK PONTOTOC	41069 OR WHEELER
40025 OK CIMARRON	40125 OK POTTAWATOM	41071 OR YAMHILL
40027 OK CLEVELAND	40127 OK PUSHMATAHA	42001 PA ADAMS
40029 OK COAL	40129 OK ROGER MILL	42003 PA ALLEGHENY
40031 OK COMANCHE	40131 OK ROGERS	42005 PA ARMSTRONG
40033 OK COTTON	40133 OK SEMINOLE	42007 PA BEAVER
40035 OK CRAIG	40135 OK SEQUOYAH	42009 PA REDFORD
40037 OK CREEK	40137 OK STEPHENS	42011 PA BERKS
40039 OK CUSTER	40139 OK TEXAS	42013 PA BLAIR
40041 OK DELAWARE	40141 OK TILLMAN	42015 PA BRADFORD
40043 OK DEWEY	40143 OK TULSA	42017 PA BRICKS

FIPS CODE OF U.S.A. COUNTIES

PAGE 16

42019 PA BUTLER	42119 PA UNION	45075 SC ORANGEBURG
42021 PA CAMBRIA	42121 PA VENANGO	45077 SC PICKENS
42023 PA CAMERON	42123 PA WARREN	45079 SC RICHLAND
42025 PA CARBON	42125 PA WASHINGTON	45081 SC SALUDA
42027 PA CENTRE	42127 PA WAYNE	45083 SC SPARTANBURG
42029 PA CHESTER	42129 PA WESTMORELA	45085 SC SUMTER
42031 PA CLARION	42131 PA WYOMING	45087 SC UNION
42033 PA CLEARFIELD	42133 PA YORK	45089 SC WILLIAMSBU
42035 PA CLINTON	44001 RI BRISTOL	45091 SC YORK
42037 PA COLUMBIA	44003 RI KENT	46003 SD AURORA
42039 PA CRAWFORD	44005 RI NEWPORT	46005 SD BEADLE
42041 PA CUMBERLAND	44007 RI PROVIDENCE	46007 SD RENNETT
42043 PA DAUPHIN	44009 RI WASHINGTON	46009 SD BON HOMME
42045 PA DELAWARE	45001 SC ABBEVILLE	46011 SD BROOKINGS
42047 PA ELK	45003 SC AIKEN	46013 SD BROWN
42049 PA ERIE	45005 SC ALLENDALE	46015 SD BRULE
42051 PA FAYETTE	45007 SC ANDERSON	46017 SD BUFFALO
42053 PA FOREST	45009 SC BAMBERG	46019 SD RUTTE
42055 PA FRANKLIN	45011 SC BARNWELL	46021 SD CAMPBELL
42057 PA FULTON	45013 SC BEAUFORT	46023 SD CHARLES MI
42059 PA GREENE	45015 SC BERKELEY	46025 SD CLARK
42061 PA HUNTINGDON	45017 SC CALHOUN	46027 SD CLAY
42063 PA INDIANA	45019 SC CHARLESTON	46029 SD CODINGTON
42065 PA JEFFERSON	45021 SC CHEROKEE	46031 SD CORSON
42067 PA JUNIATA	45023 SC CHESTER	46033 SD CUSTER
42069 PA LACKAWANNA	45025 SC CHESTERFIE	46035 SD DAVISON
42071 PA LANCASTER	45027 SC CLARENDON	46037 SD DAY
42073 PA LAWRENCE	45029 SC COLLETON	46039 SD DEUEL
42075 PA LEBANON	45031 SC DARLINGTON	46041 SD DEWEY
42077 PA LEHIGH	45033 SC DILLON	46043 SD DOUGLAS
42079 PA LUZERNE	45035 SC DORCHESTER	46045 SD EDMUNDS
42081 PA LYCOMING	45037 SC EDGEFIELD	46047 SD FALL RIVER
42083 PA MC KEAN	45039 SC FAIRFIELD	46049 SD FAULK
42085 PA MERCER	45041 SC FLORENCE	46051 SD GRANT
42087 PA MIFFLIN	45043 SC GEORGETOWN	46053 SD GREGORY
42089 PA MONROE	45045 SC GREENVILLE	46055 SD HAAKON
42091 PA MONTGOMERY	45047 SC GREENWOOD	46057 SD HAMLIN
42093 PA MONTGOMERY	45049 SC HAMPTON	46059 SD HAND
42095 PA NORTHAMPTON	45051 SC Horry	46061 SD HANSON
42097 PA NORTHUMBER	45053 SC JASPER	46063 SD HARDING
42099 PA PERRY	45055 SC KERSHAW	46065 SD HUGHES
42101 PA PHILADELPH	45057 SC LANCASTER	46067 SD HUTCHINSON
42103 PA PIKE	45059 SC LAURENS	46069 SD HYDE
42105 PA POTTER	45061 SC LEE	46071 SD JACKSON
42107 PA SCHUYLKILL	45063 SC LEXINGTON	46073 SD JERAULD
42109 PA SNYDER	45065 SC MC CORMICK	46075 SD JONES
42111 PA SOMERSET	45067 SC MARION	46077 SD KINGSBURY
42113 PA SULLIVAN	45069 SC MARLBORO	46079 SD LAKE
42115 PA SUSQUEHANNA	45071 SC NEWBERRY	46081 SD LAWRENCE
42117 PA TIOGA	45073 SC OCONEE	46083 SD LINCOLN

FIPS CODE OF U.S.A. COUNTIES

PAGE 17

46085 SD LYMAN	47049 TN FENTRESS	47149 TN RUTHERFORD
46087 SD MC COOK	47051 TN FRANKLIN	47151 TN SCOTT
46089 SD MC PHERSON	47053 TN GIRSON	47153 TN SEQUATCHIE
46091 SD MARSHALL	47055 TN GILES	47155 TN SEVIER
46093 SD MEADE	47057 TN GRAINGER	47157 TN SHELBY
46095 SD MELLETTE	47059 TN GREENE	47159 TN SMITH
46097 SD MINER	47061 TN GRUNDY	47161 TN STEWART
46099 SD MINNEHAHA	47063 TN HAMBLEN	47163 TN SULLIVAN
46101 SD MOODY	47065 TN HAMILTON	47165 TN SUMNER
46103 SD PENNINGTON	47067 TN HANCOCK	47167 TN TIPTON
46105 SD PERKINS	47069 TN HARDEMAN	47169 TN TROUSDALE
46107 SD POTTER	47071 TN HARDIN	47171 TN UNICOI
46109 SD ROBERTS	47073 TN HAWKINS	47173 TN UNION
46111 SD SANBORN	47075 TN HAYWOOD	47175 TN VAN BUREN
46113 SD SHANNON	47077 TN HENDERSON	47177 TN WARREN
46115 SD SPINK	47079 TN HENRY	47179 TN WASHINGTON
46117 SD STANLEY	47081 TN HICKMAN	47181 TN WAYNE
46119 SD SULLY	47083 TN HOUSTON	47183 TN WEAKLEY
46121 SD TODD	47085 TN HUMPHREYS	47185 TN WHITE
46123 SD TRIPP	47087 TN JACKSON	47187 TN WILLIAMSON
46125 SD TURNER	47089 TN JEFFERSON	47189 TN WILSON
46127 SD UNION	47091 TN JOHNSON	48001 TX ANDERSON
46129 SD WALWORTH	47093 TN KNOX	48003 TX ANDREWS
46131 SD WASHABAUGH	47095 TN LAKE	48005 TX ANGELINA
46135 SD YANKTON	47097 TN LAUDERDALE	48007 TX ARANSAS
46137 SD ZIERACH	47099 TN LAWRENCE	48009 TX ARCHER
47001 TN ANDERSON	47101 TN LEWIS	48011 TX ARMSTRONG
47003 TN BEDFORD	47103 TN LINCOLN	48013 TX ATASCOSA
47005 TN BENTON	47105 TN LOUDON	48015 TX AUSTIN
47007 TN BLEDSOE	47107 TN MC MINN	48017 TX BAILEY
47009 TN BLOUNT	47109 TN MC NAIRY	48019 TX BANDERA
47011 TN BRADLEY	47111 TN MACON	48021 TX BASTROP
47013 TN CAMPBELL	47113 TN MADISON	48023 TX BAYLOR
47015 TN CANNON	47115 TN MARION	48025 TX BEE
47017 TN CARROLL	47117 TN MARSHALL	48027 TX BELL
47019 TN CARTER	47119 TN MAURY	48029 TX BEXAR
47021 TN CHEATHAM	47121 TN MEIGS	48031 TX BLANCO
47023 TN CHESTER	47123 TN MONROE	48033 TX BORDEN
47025 TN CLAIBORNE	47125 TN MONTGOMERY	48035 TX ROSQUE
47027 TN CLAY	47127 TN MOORE	48037 TX ROWIE
47029 TN COCKE	47129 TN MORGAN	48039 TX BRAZORIA
47031 TN COFFEE	47131 TN OBION	48041 TX BRAZOS
47033 TN CROCKETT	47133 TN OVERTON	48043 TX BREWSTER
47035 TN CUMBERLAND	47135 TN PERRY	48045 TX BRISCOE
47037 TN DAVIDSON	47137 TN PICKETT	48047 TX BROOKS
47039 TN DECATUR	47139 TN POLK	48049 TX BROWN
47041 TN DE KALB	47141 TN PITNAM	48051 TX BURLESON
47043 TN DICKSON	47143 TN RHEA	48053 TX BURNET
47045 TN DYER	47145 TN ROANE	48055 TX CALDWELL
47047 TN FAYETTE	47147 TN ROBERTSON	48057 TX CALHOUN

FIPS CODE OF U.S.A. COUNTIES

PAGE 18

48059 TX CALLAHAN	48159 TX FRANKLIN	48259 TX KENDALL
48061 TX CAMERON	48161 TX FREESTONE	48261 TX KENFDY
48063 TX CAMP	48163 TX FRIO	48263 TX KENT
48065 TX CARSON	48165 TX GAINES	48265 TX KERR
48067 TX CASS	48167 TX GALVESTON	48267 TX KIMBLE
48069 TX CASTRO	48169 TX GARZA	48269 TX KING
48071 TX CHAMBERS	48171 TX GILLESPIE	48271 TX KINNEY
48073 TX CHEROKEE	48173 TX GLASSCOCK	48273 TX KLEBERG
48075 TX CHILDRESS	48175 TX GOLIAD	48275 TX KNOX
48077 TX CLAY	48177 TX GONZALES	48277 TX LAMAR
48079 TX COCHRAN	48179 TX GRAY	48279 TX LAMR
48081 TX COKE	48181 TX GRAYSON	48281 TX LAMPASAS
48083 TX COLEMAN	48183 TX GREGG	48283 TX LA SALLE
48085 TX COLLIN	48185 TX GRIMES	48285 TX LAVACA
48087 TX COLLINGSWO	48187 TX GUADALUPE	48287 TX LEE
48089 TX COLORADO	48189 TX HALE	48289 TX LEON
48091 TX COMAL	48191 TX HALL	48291 TX LIBERTY
48093 TX COMANCHE	48193 TX HAMILTON	48293 TX LIMESTONE
48095 TX CONCHO	48195 TX HANSFORD	48295 TX LIPSCOMB
48097 TX COOKE	48197 TX HARDEMAN	48297 TX LIVE OAK
48099 TX CORYELL	48199 TX HARDIN	48299 TX LLANO
48101 TX COTTLE	48201 TX HARRIS	48301 TX LOVING
48103 TX CRANE	48203 TX HARRISON	48303 TX LUBROCK
48105 TX CROCKETT	48205 TX HARTLEY	48305 TX LYNN
48107 TX CROSBY	48207 TX HASKELL	48307 TX MC CULLOCH
48109 TX CULBERSON	48209 TX HAYS	48309 TX MC LENNAN
48111 TX DALLAM	48211 TX HEMPHILL	48311 TX MC MULLEN
48113 TX DALLAS	48213 TX HENDERSON	48313 TX MADISON
48115 TX DAWSON	48215 TX HIDALGO	48315 TX MARTIN
48117 TX DEAF SMITH	48217 TX HILL	48317 TX MARTIN
48119 TX DELTA	48219 TX HOCKLEY	48319 TX MASON
48121 TX DENTON	48221 TX HOOD	48321 TX MATAGORDA
48123 TX DE WITT	48223 TX HOPKINS	48323 TX MAVERICK
48125 TX DICKENS	48225 TX HOUSTON	48325 TX MEDINA
48127 TX DIMMIT	48227 TX HOWARD	48327 TX MENARD
48129 TX DONLEY	48229 TX HUDSPETH	48329 TX MIDLAND
48131 TX DUVAL	48231 TX HUNT	48331 TX MILAM
48133 TX EASTLAND	48233 TX HUTCHINSON	48333 TX MILLS
48135 TX ECTOR	48235 TX IRION	48335 TX MITCHELL
48137 TX EDWARDS	48237 TX JACK	48337 TX MONTAGUE
48139 TX ELLIS	48239 TX JACKSON	48339 TX MONTGOMERY
48141 TX EL PASO	48241 TX JASPER	48341 TX MOORE
48143 TX ERATH	48243 TX JEFF DAVIS	48343 TX MORRIS
48145 TX FALLS	48245 TX JEFFERSON	48345 TX MOTLEY
48147 TX FANNIN	48247 TX JIM HOGG	48347 TX NACOGDOCHE
48149 TX FAYETTE	48249 TX JIM WELLS	48349 TX NAVARRO
48151 TX FISHER	48251 TX JOHNSON	48351 TX NEWTON
48153 TX FLOYD	48253 TX JONES	48353 TX NOLAN
48155 TX FOARD	48255 TX KARNES	48355 TX NUECES
48157 TX FORT BEND	48257 TX KAUFMAN	48357 TX OCHILTREE

FIPS CODE OF U.S.A. COUNTIES

PAGE 19

48359 TX OLDDHAM	48459 TX UPSHUR	49051 UT WASATCH
48361 TX ORANGE	48461 TX UPTON	49053 UT WASHINGTON
48363 TX PALO PINTO	48463 TX UVALDE	49055 UT WAYNE
48365 TX PANOLA	48465 TX VAL VERDE	49057 UT WEBER
48367 TX PARKER	48467 TX VAN ZANDT	50001 VT ADDISON
48369 TX PARMER	48469 TX VICTORIA	50003 VT BENNINGTON
48371 TX PECOS	48471 TX WALKER	50005 VT CALEDONIA
48373 TX POLK	48473 TX WALLER	50007 VT CHITTENDEN
48375 TX POTTER	48475 TX WARD	50009 VT ESSEX
48377 TX PRESIDIO	48477 TX WASHINGTON	50011 VT FRANKLIN
48379 TX RAINS	48479 TX WEBB	50013 VT GRAND ISLE
48381 TX RANDALL	48481 TX WHARTON	50015 VT LAMOILLE
48383 TX REAGAN	48483 TX WHEELER	50017 VT ORANGE
48385 TX REAL	48485 TX WICHITA	50019 VT ORLEANS
48387 TX RED RIVER	48487 TX WILBARGER	50021 VT RUTLAND
48389 TX REEVES	48489 TX WILLACY	50023 VT WASHINGTON
48391 TX REFUGIO	48491 TX WILLIAMSON	50025 VT WINDHAM
48393 TX ROBERTS	48493 TX WILSON	50027 VT WINDSOR
48395 TX ROBERTSON	48495 TX WINKLER	51001 VA ACCOMACK
48397 TX ROCKWALL	48497 TX WISE	51003 VA ALBEMARLE
48399 TX RUNNELS	48499 TX WOOD	51005 VA ALLEGHANY
48401 TX RUSSK	48501 TX YOAKUM	51007 VA AMELIA
48403 TX SABINE	48503 TX YOUNG	51009 VA AMHERST
48405 TX SAN AUGUST	48505 TX ZAPATA	51011 VA APPOMATTOX
48407 TX SAN JACINT	48507 TX ZAVALA	51013 VA ARLINGTON
48409 TX SAN PATRIC	49001 UT BEAVER	51015 VA AUGUSTA
48411 TX SAN SABA	49003 UT BOX ELDER	51017 VA BATH
48413 TX SCHLEICHER	49005 UT CACHE	51019 VA REDFORD
48415 TX SCURRY	49007 UT CARBON	51021 VA BLAND
48417 TX SHACKELFOR	49009 UT DAGGETT	51023 VA BOTETOURT
48419 TX SHELBY	49011 UT DAVIS	51025 VA BRUNSWICK
48421 TX SHERMAN	49013 UT DUCHESNE	51027 VA BUCHANAN
48423 TX SMITH	49015 UT EMERY	51029 VA BUCKINGHAM
48425 TX SOMERVELL	49017 UT GARFIELD	51031 VA CAMPBELL
48427 TX STARR	49019 UT GRAND	51033 VA CAROLINE
48429 TX STEPHENS	49021 UT IRON	51035 VA CARROLL
48431 TX STERLING	49023 UT JUAB	51036 VA CHARLES CI
48433 TX STONEWALL	49025 UT KANE	51037 VA CHARLOTTE
48435 TX SUTTON	49027 UT MILLARD	51041 VA CHESTERFIE
48437 TX SWISHER	49029 UT MORGAN	51043 VA CLARKE
48439 TX TARRANT	49031 UT PIUTE	51045 VA CRAIG
48441 TX TAYLOR	49033 UT RICH	51047 VA CULPEPER
48443 TX TERRELL	49035 UT SALT LAKE	51049 VA CUMBERLAND
48445 TX TERRY	49037 UT SAN JUAN	51051 VA DICKENSON
48447 TX THROCKMORT	49039 UT SANPETE	51053 VA DINWIDDIE
48449 TX TITUS	49041 UT SEVIER	51057 VA ESSEX
48451 TX TOM GREEN	49043 UT SUMMIT	51059 VA FAIRFAX
48453 TX TRAVIS	49045 UT TOOELE	51061 VA FAUQUIER
48455 TX TRINITY	49047 UT UINTAH	51063 VA FLOYD
48457 TX TYLER	49049 UT UTAH	51065 VA FLUVANNA

FIPS CODE OF U.S.A. COUNTIES

PAGE 20

51067 VA FRANKLIN	51171 VA SHENANDOAH	51830 VA WILLIAMSBURG
51069 VA FREDERICK	51173 VA SMYTH	51840 VA WINCHESTER
51071 VA GILES	51175 VA SOUTHAMPTON	53001 WA ADAMS
51073 VA GLOUCESTER	51177 VA SPOTSYLVAN	53003 WA ASOTIN
51075 VA GOOCHLAND	51179 VA STAFFORD	53005 WA BENTON
51077 VA GRAYSON	51181 VA SURRY	53007 WA CHELAN
51079 VA GREENE	51183 VA SUSSEX	53009 WA CLALLAM
51081 VA GREENSVILL	51185 VA TAZEWELL	53011 WA CLARK
51083 VA HALIFAX	51187 VA WARREN	53013 WA COLUMBIA
51085 VA HANOVER	51191 VA WASHINGTON	53015 WA COWLITZ
51087 VA HENRICO	51193 VA WESTMORELAND	53017 WA DOUGLAS
51089 VA HENRY	51195 VA WISE	53019 WA FERRY
51091 VA HIGHLAND	51197 VA WYTHE	53021 WA FRANKLIN
51093 VA ISLE OF WISCONSIN	51199 VA YORK	53023 WA GARFIELD
51095 VA JAMES CITY	51510 VA ALEXANDRIA	53025 WA GRANT
51097 VA KING AND QUEEN	51515 VA BEDFORD COUNTY	53027 WA GRAYS HARBOR
51099 VA KING GEORGE	51520 VA BRISTOL COUNTY	53029 WA ISLAND
51101 VA KING WILLIAM	51530 VA BUENA VISTA	53031 WA JEFFERSON
51103 VA LANCASTER	51540 VA CHARLOTTE	53033 WA KING
51105 VA LEE	51550 VA CHESAPEAKE	53035 WA KITSAP
51107 VA LOUDOUN	51560 VA CLIFTON FOREST	53037 WA KITTITAS
51109 VA LOUISA	51570 VA COLONIAL HEIGHTS	53039 WA KLIKITTAT
51111 VA LUNENBERG	51580 VA COVINGTON	53041 WA LEWIS
51113 VA MADISON	51590 VA DANVILLE CITY	53043 WA LINCOLN
51115 VA MATHEWS	51595 VA EMPORIA CITY	53045 WA MASON
51117 VA MECKLENBURG	51600 VA FAIRFAX COUNTY	53047 WA OKANOGAN
51119 VA MIDDLESEX	51610 VA FALLS CHURCH	53049 WA PACIFIC
51121 VA MONTGOMERY	51620 VA FRANKLIN COUNTY	53051 WA PEND OREIL
51123 VA NANSEMOND	51630 VA FREDERICKS	53053 WA PIERCE
51125 VA NELSON	51640 VA GALAX CITY	53055 WA SAN JUAN
51127 VA NEW KENT	51650 VA HAMPTON CITY	53057 WA SKAGIT
51131 VA NORTHAMPTON	51660 VA HARRISONBURG	53059 WA SKAMANIA
51133 VA NORTHUMBER	51670 VA HOPEWELL CITY	53061 WA SNOHOMISH
51135 VA NOTTOWAY	51678 VA LEXINGTON	53063 WA SPOKANE
51137 VA ORANGE	51680 VA LYNCHBURG	53065 WA STEVENS
51139 VA PAGE	51690 VA MARTINSVILLE	53067 WA THURSTON
51141 VA PATRICK	51700 VA NEWPORT NEWS	53069 WA WAHKIAKUM
51143 VA PITTSYLVAN	51710 VA NORFOLK COUNTY	53071 WA WALLA WALLA
51145 VA POWHATAN	51720 VA NORTON CITY	53073 WA WHATCOM
51147 VA PRINCE EDWARD	51730 VA PETERSBURG	53075 WA WHITMAN
51149 VA PRINCE GEORGE	51740 VA PORTSMOUTH	53077 WA YAKIMA
51153 VA PRINCE WILLIAM	51750 VA RADFORD CITY	54001 WV BARBOUR
51155 VA PULASKI	51760 VA RICHMOND CITY	54003 WV BERKELEY
51157 VA RAPPAHANNOCK	51770 VA ROANOKE CITY	54005 WV BOONE
51159 VA RICHMOND	51775 VA SALEM CITY	54007 WV BRAXTON
51161 VA ROANOKE	51780 VA SOUTH BOSTON	54009 WV BROOKE
51163 VA ROCKBRIDGE	51790 VA STAUNTON CITY	54011 WV CABELL
51165 VA ROCKINGHAM	51800 VA SUFFOLK COUNTY	54013 WV CALHOUN
51167 VA RUSSELL	51810 VA VIRGINIA BEACH	54015 WV CLAY
51169 VA SCOTT	51820 VA WAYNESBORO	54017 WV DODDRIDGE

FIPS CODE OF U.S.A. COUNTIES

PAGE 21

54019 WV FAYETTE	55009 WI BROWN	55107 WI RUSK
54021 WV GILMER	55011 WI BUFFALO	55109 WI ST CPOIX
54023 WV GRANT	55013 WI BURNETT	55111 WI SAUK
54025 WV GREENBRIER	55015 WI CALUMET	55113 WI SAWYER
54027 WV HAMPSHIRE	55017 WI CHIPPEWA	55115 WI SHAWANO
54029 WV HANCOCK	55019 WI CLARK	55117 WI SHEROYGAN
54031 WV HARDY	55021 WI COLUMBIA	55119 WI TAYLOR
54033 WV HARRISON	55023 WI CRAWFORD	55121 WI TREMPPEALEA
54035 WV JACKSON	55025 WI DANE	55123 WI VERNON
54037 WV JEFFERSON	55027 WI DODGE	55125 WI VILAS
54039 WV KANAWHA	55029 WI DOOR	55127 WI WALWORTH
54041 WV LEWIS	55031 WI DOUGLAS	55129 WI WASHBURN
54043 WV LINCOLN	55033 WI DUNN	55131 WI WASHINGTON
54045 WV LOGAN	55035 WI EAU CLAIRE	55133 WI WAUKESHA
54047 WV MC DOWELL	55037 WI FLORENCE	55135 WI WAUPACA
54049 WV MARION	55039 WI FOND DU LA	55137 WI WAUSHARA
54051 WV MARSHALL	55041 WI FOREST	55139 WI WINNEBAGO
54053 WV MASON	55043 WI GRANT	55141 WI WOOD
54055 WV MERCER	55045 WI GREEN	56001 WY ALBANY
54057 WV MINERAL	55047 WI GREEN LAKE	56003 WY BIG HORN
54059 WV MINGO	55049 WI IOWA	56005 WY CAMPBELL
54061 WV MONONGALIA	55051 WI IRON	56007 WY CARRON
54063 WV MONROE	55053 WI JACKSON	56009 WY CONVERSE
54065 WV MORGAN	55055 WI JEFFERSON	56011 WY CROOK
54067 WV NICHOLAS	55057 WI JUNEAU	56013 WY FREMONT
54069 WV OHIO	55059 WI KENOSHA	56015 WY GOSHEN
54071 WV PENDLETON	55061 WI KEWAUNEE	56017 WY HOT SPRING
54073 WV PLEASANTS	55063 WI LA CROSSE	56019 WY JOHNSON
54075 WV POCAHONTAS	55065 WI LAFAYETTE	56021 WY LARAMIE
54077 WV PRESTON	55067 WI LANGLADE	56023 WY LINCOLN
54079 WV PUTNAM	55069 WI LINCOLN	56025 WY NATRONA
54081 WV RALEIGH	55071 WI MANITOWOC	56027 WY NIORPARA
54083 WV RANDOLPH	55073 WI MARATHON	56029 WY PARK
54085 WV RITCHIE	55075 WI MARINETTE	56031 WY PLATTE
54087 WV ROANE	55077 WI MARQUETTE	56033 WY SHERIDAN
54089 WV SUMMERS	55078 WI MENOMINEE	56035 WY SUBLETTE
54091 WV TAYLOR	55079 WI MILWAUKEE	56037 WY SWEETWATER
54093 WV TUCKER	55081 WI MONROE	56039 WY TETON
54095 WV TYLER	55083 WI OCONTO	56041 WY UJITA
54097 WV UPSHUR	55085 WI ONEIDA	56043 WY WASHAKIE
54099 WV WAYNE	55087 WI OUTAGAMIE	56045 WY WESTON
54101 WV WEBSTER	55089 WI OZAUKEE	
54103 WV WETZEL	55091 WI PEPIN	
54105 WV WIRT	55093 WI PIERCE	
54107 WV WOOD	55095 WI POLK	
54109 WV WYOMING	55097 WI PORTAGE	
55001 WI ADAMS	55099 WI PRICE	
55003 WI ASHLAND	55101 WI RACINE	
55005 WI BARRON	55103 WI RICHLAND	
55007 WI BAYFIELD	55105 WI ROCK	