DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
441 G STREET, NW
WASHINGTON, DC 20314-1000

REPLY TO
ATTENTION OF

CECW-P

19 November 2013

MEMORANDUM FOR PLANNING COMMUNITY OF PRACTICE

SUBJECT: Economic Guidance Memorandum, 14-04, Current State and County Income Index Data, Current Eligibility Factor Formula (Ability to Pay)

The enclosed information is provided for immediate use. Questions related to this memorandum should be addressed to Mr. Bruce Carlson, CECW-P, at bruce.d.carlson@usace.army.mil or by telephone at (202) 761-4703.

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4 Enclosures:

A: Main: Current Income and Eligibility Formula Data
B: State Per Capita Personal Income
C: County Per Capita Personal Income
D: Ability to Pay Procedures

ENCLOSURE A
MAIN
Ability to Pay
Current State and County Income Index Data
Current Eligibility Factor Formula

1. Purpose. This Economic Guidance Memorandum provides current per capita personal income index data and the current Eligibility Factor formula; both are used in applying the Ability-To-Pay test to flood damage reduction projects.

2. References.

a. PL 99-662, Section 103(m), Water Resources Development Act (WRDA) of 1986. http://planning.usace.army.mil/toolbox/library/PL/WRDA1986.pdf

b. ER 1165-2-121, Flood Control Cost-Sharing Requirements under the Ability- To-Pay Provision - Section 103(m) of PL 99-662, 1 November 1989. This is the Engineering Regulation form of the final rule developed for Section 103(m); the final rule was printed in the Federal Register October 2, 1989 (54 FR 40578). [ER 1165-2-121 is available at: http://planning.usace.army.mil/toolbox/library/ERs/ER1165-2-121_01Nov1989.pdf

c. PL 102-580, Section 201, Water Resources Development Act of 1992. http://www.gpo.gov/fdsys/pkg/STATUTE-106/pdf/STATUTE-106-Pg4797.pdf

d. Final Amended Rule, printed in the Federal Register January 26, 1995 (60 FR 5133) incorporates ability-to-pay changes contained in PL 102-580. http://www.gpo.gov/fdsys/pkg/FR-1995-01-26/pdf/95-1733.pdf

e. 33 CFR 241. A complete statement of the ability-to-pay procedures, including amendments can be found at: http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&rgn=div5&view=text&node=33:3.0.1.1.18&idno=33f.

f. Memorandum for Commanders, Major Subordinate Commands, 27 February 2001. Subject: Implementation of Sections 203(d)(l) and 204 of the Water Resources Development Act of 2000 - Ability to Pay. http://planning.usace.army.mil/toolbox/library/WRDA/wrda2000sec203.pdf

Background. Section 103 (m) of the Water Resources Development Act of 1986 provides that the ability of any non-Federal interest to pay shall be determined by the Secretary in accordance with procedures established by the Secretary. The ability to pay analysis is applied to all specifically authorized flood damage reduction projects as well as to the continuing authority projects constructed under Section 14 of the 1946 Flood Control Act, Section 205 of the 1948 Flood Control Act and Section 208 of the 1954 Flood Control Act, all as amended. Although, Section 204 of WRDA 2000 amends Section 103 (m) of WRDA 86, a final implementation rule has not yet been completed. Therefore, the existing ability-to-pay

procedures must be used and applied only to flood damage reduction projects (see reference f).

a. To determine whether or not there is any reduction in the level of non-Federal cost sharing for a flood damage reduction project apply the ability-to-pay procedures in reference 2e (33 CFR 241).

b. Per the ability-to-pay guidance, an Eligibility Factor (EF) is to be calculated based on state and county per capita personal income data. There is, in addition, a per capita project construction cost criterion that may affect a sponsor's cost share savings. For application of both of these criteria see the guidance at 33 CFR 241.

4. State and County Income Data and Eligibility Factor (EF) formula.

a. This Economic Guidance Memorandum provides in Enclosures Band C the relevant state and county per capita income data to use in the Eligibility Factor formula. The income data are for the years 2009 to 2011. EF formula coefficients were determined using this data set (per 33 CFR 241) and cannot be applied to income data for other years.

b. The form of the EF formula is:

EF = a - b_1 x (state income index) - b_2 x (county income index)

Where:

state income index is the average over three years of the state per capita income index (state per capita income divided by national per capita income) for the state (or states) in which the project is located, and county income index is the average over three years of the county per capita income index (county per capita income divided by national per capita income) for the county (or counties) in which the project is located.

c. The parameters a, b_1, and b_2 have been determined using the state and county per capita index data and the condition that a certain fraction of the counties are to have eligibility factors greater than zero. Until further notice the values of the parameters are:

a = 19.59
b_1 = .082
b_2 = .164

5. These per capita income data and EF formula coefficients are for immediate use and should be used until new information is furnished by HQUSACE

ENCLOSURE B

State Per Capita Personal Income Index Numbers

State Per Capita Income as a Percent of US Per Capita Income

Average of the Indexes, 2009-2011

State		Personal Income Average	Average as a Percent of US	State		Personal Income Average	Average as a Percent of US
United States		$39,996	100.00%	Oregon	OR	$36,197	90.50%
Alabama	AL	$33,665	84.17%	Pennsylvania	PA	$40,648	101.63%
Alaska	AK	$44,042	110.12%	Rhode Island	RI	$42,112	105.29%
Arizona	AZ	$34,132	85.34%	South Carolina	SC	$32,343	80.87%
Arkansas	AR	$32,600	81.51%	South Dakota	SO	$40,641	101.61%
California	CA	$42,191	105.49%	Tennessee	TN	$35,127	87.83%
Colorado	CO	$42,438	106.11%	Texas	TX	$38,321	95.81%
Connecticut	CT	$55,410	138.54%	Utah	UT	$32,469	81.18%
Delaware	DE	$39,856	99.65%	Vermont	VT	$39,946	99.87%
District of Columbia	DC	$71,032	177.60%	Virginia	VA	$44,390	110.99%
Florida	FL	$38,277	95.70%	Washington	WA	$42,469	106.18%
Georgia	GA	$34,799	87.01%	West Virginia	WV	$32,059	80.16%
Hawaii	HI	$41,373	103.44%	Wisconsin	WI	$38,148	95.38%
Idaho	ID	$31,749	79.38%	Wyoming	WY	$45,360	113.41%
Illinois	IL	$42,204	105.52%				
Indiana	IN	$34,293	85.74%				
Iowa	IA	$38,672	96.69%				
Kansas	KS	$39,139	97.86%				
Kentucky	KY	$32,749	81.88%				
Louisiana	LA	$37,242	93.12%				
Maine	ME	$36,970	92.43%				
Maryland	MD	$48,899	122.26%				
Massachusetts	MA	$51,397	128.51%				
Michigan	MI	$34,604	86.52%				
Minnesota	MN	$42,679	106.71%				
Mississippi	MS	$30,951	77.39%				
Missouri	MO	$36,737	91.85%				
Montana	MT	$34,595	86.50%				
Nebraska	NE	$40,111	100.29%				
Nevada	NV	$36,220	90.56%				
New Hampshire	NH	$44,089	110.23%				
New Jersey	NJ	$50,693	126.75%				
New Mexico	NM	$33,091	82.74%				
New York	NY	$48,995	122.50%				
North Carolina	. NC	$34,878	87.20%				
North Dakota	ND	$43,023	107.57%				
Ohio	OH	$36,256	90.65%				
Oklahoma	OK	$35,765	89.42%				

ENCLOSURE C
County (or Area) Per Capita Personal Income Index Numbers

County Per Capita Income as a Percent of US Per Capita Income Average of the Indexes (2009-2011)

County(or area)	3-Year Average Index
Alabama	
Autauga	78.35
Baldwin	90.50
Barbour	65.15
Bibb	58.26
Blount	66.42
Bullock	55.66
Butler	69.36
Calhoun	77.16
Chambers	68.42
Cherokee	65.61
Chilton	69.30
Choctaw	72.77
Clarke	74.85
Clay	65.37
Cleburne	70.32
Coffee	89.14
Colbert	76.92
Conecuh	68.38
Coosa	58.10
Covington	71.79
Crenshaw	75.25
Cullman	75.40
Dale	74.33
Dallas	69.02
DeKalb	64.48
Elmore	82.12
Escambia	66.84
Etowah	77.00
Fayette	65.67
Franklin	64.85
Geneva	73.93
Greene	75.98
Hale	73.68
Henry	75.33
Houston	87.54
Jackson	74.00
Jefferson	105.62
Lamar	65.13
Lauderdale	77.42
Lawrence	71.07
Lee	70.67
Limestone	81.78
Lowndes	77.77
Macon	67.02
Madison	100.73
Marengo	79.86
Marion	64.53
Marshall	75.27
Mobile	78.77
Monroe	68.45
Montgomery	94.09
Morgan	80.22
Perry	68.65
Pickens	70.02
Pike	82.46
Randolph	64.70
Russell	75.99
St. Clair	76.94
Shelby	107.36
Sumter	61.78
Talladega	74.17
Tallapoosa	74.80
Tuscaloosa	83.67
Walker	80.49
Washington	68.30
Wilcox	62.08
Winston	63.74
Alaska	
Aleutians East Borough, AK	66.64
Aleutians West Census Area, AK	74.28
Anchorage Municipality, AK	122.78
Bethel Census Area, AK	78.02
Bristol Bay Borough, AK	121.19
Denali Borough, AK	143.92
Dillingham Census Area, AK	96.53
Fairbanks North Star Borough, AK	102.08
Haines Borough, AK	160.51
Hoonah-Angoon Census Area, AK	90.92
Juneau City and Borough, AK	118.45
Kenai Peninsula Borough, AK	100.55
Ketchikan Gateway Borough, AK	125.98
Kodiak Island Borough, AK	103.89
Lake and Peninsula Borough, AK	88.89
Matanuska-Susitna Borough, AK	101.22
Nome Census Area, AK	85.81
North Slope Borough, AK	122.27
Northwest Arctic Borough, AK	84.12
Petersburg Census Area, AK	113.38
Prince of Wales-Hyder Census Area, AK	75.83
Sitka City and Borough, AK	105.07

Skagway Municipality, AK	142.60
Southeast Fairbanks Census Area, AK	108.30
Valdez-Cordova Census Area, AK	110.02
Wade Hampton Census Area, AK	53.31
Wrangell City and Borough, AK	83.76
Yakutat City and Borough, AK	98.93
Yukon-Koyukuk Census Area, AK	87.09
Arizona	
Apache	63.60
Cochise	86.85
Coconino	83.94
Gila	76.96
Graham	60.89
Greenlee	75.36
La Paz	67.81
Maricopa	92.54
Mohave	63.58
Navajo	62.27
Pima	85.55
Pinal	58.72
Santa Cruz	60.92
Yavapai	72.13
Yuma	66.21
Arkansas	
Arkansas	96.89
Ashley	81.92
Baxter	78.41
Benton	88.40
Boone	73.97
Bradley	72.24
Calhoun	69.48
Carroll	65.72
Chicot	76.93
Clark	73.31
Clay	73.68
Cleburne	83.15
Cleveland	79.07
Columbia	79.39
Conway	79.30
Craighead	78.75
Crawford	67.27
Crittenden	76.95
Cross	74.46
Dallas	74.19
Desha	78.31
Drew	74.54
Faulkner	79.97
Franklin	74.37
Fulton	64.63
Garland	85.40
Grant	79.38
Greene	69.76
Hempstead	68.46
Hot Spring	66.47
Howard	67.44
Independence	75.88
Izard	63.35
Jackson	75.24
Jefferson	76.45
Johnson	60.26
Lafayette	65.37
Lawrence	66.50
Lee	70.05
Lincoln	62.71
Little River	72.63
Logan	64.78
Lonoke	79.74
Madison	55.67
Marion	64.39
Miller	80.03
Mississippi	75.68
Monroe	75.34
Montgomery	59.13
Nevada	71.50
Newton	62.08
Ouachita	74.84
Perry	77.96
Phillips	75.23
Pike	70.12
Poinsett	72.93
Polk	59.36
Pope	70.32
Prairie	77.47
Pulaski	107.16
Randolph	66.64
St. Francis	63.17
Saline	93.48
Scott	56.79
Searcy	62.41
Sebastian	90.67
Sevier	57.61
Sharp	61.26
Stone	62.72
Union	101.92
Van Buren	68.72
Washington	80.39
White	72.04
Woodruff	73.11
Yell	64.42
California	
Alameda	119.64
Alpine	108.41
Amador	87.07
Butte	80.55
Calaveras	86.01
Colusa	109.98
Contra Costa	137.99
Del Norte	66.23
El Dorado	120.90
Fresno	76.81
Glenn	85.83
Humboldt	80.43
Imperial	69.39
Inyo	90.95
Kern	74.60
Kings	67.66
Lake	80.63
Lassen	68.35
Los Angeles	103.09
Madera	67.29
Marin	206.82
Mariposa	82.01
Mendocino	87.12
Merced	68.07
Modoc	85.59
Mono	98.57
Monterey	100.88
Napa	123.48
Nevada	106.46
Orange	123.20

Placer	117.38
Plumas	94.52
Riverside	73.19
Sacramento	93.64
San Benito	85.90
San Bernardino	73.49
San Diego	113.23
San Francisco	175.33
San Joaquin	76.06
San Luis Obispo	97.29
San Mateo	168.03
Santa Barbara	109.11
Santa Clara	144.47
Santa Cruz	117.61
Shasta	86.36
Sierra	84.53
Siskiyou	82.07
Solano	93.75
Sonoma	109.40
Stanislaus	77.73
Sutter	82.70
Tehama	66.18
Trinity	72.55
Tulare	70.08
Tuolumne	87.93
Ventura	111.42
Yolo	90.49
Yuba	73.33
Colorado	
Adams	80.71
Alamosa	81.27
Arapahoe	119.62
Archuleta	75.49
Baca	103.28
Bent	56.55
Boulder	125.69
Broomfield	98.33
Chaffee	77.85
Cheyenne	133.39
Clear Creek	134.41
Conejos	60.65
Costilla	66.18
Crowley	40.39
Custer	82.78
Delta	74.27
Denver	130.42
Dolores	67.40
Douglas	166.55
Eagle	117.53
Elbert	107.85
El Paso	95.82
Fremont	66.55
Garfield	92.47
Gilpin	104.16
Grand	92.14
Gunnison	83.26
Hinsdale	96.96
Huerfano	75.57
Jackson	103.79
Jefferson	111.10
Kiowa	108.92
Kit Carson	90.77
Lake	71.04
La Plata	105.47
Larimer	95.99
Las Animas	75.98
Lincoln	73.70
Logan	83.37
Mesa	85.61
Mineral	105.32
Moffat	97.33
Montezuma	81.76
Montrose	75.14
Morgan	77.76
Otero	75.98
Ouray	104.60
Park	83.25
Phillips	90.61
Pitkin	188.47
Prowers	81.87
Pueblo	76.21
Rio Blanco	99.72
Rio Grande	82.72
Routt	124.07
Saguache	59.18
San Juan	73.53
San Miguel	117.89
Sedgwick	115.53
Summit	109.88
Teller	101.37
Washington	91.42
Weld	72.03
Yuma	95.10
Connecticut	
Fairfield	187.16
Hartford	129.11
Litchfield	127.02
Middlesex	131.00
New Haven	118.57
New London	114.85
Tolland	112.72
Windham	94.65
Delaware	
Kent	80.81
New Castle	110.47
Sussex	85.65
District of Columbia	
District of Columbia	177.60
Florida	
Alachua	86.70
Baker	62.26
Bay	89.80
Bradford	69.74
Brevard	92.27
Broward	103.63
Calhoun	53.92
Charlotte	85.02
Citrus	78.65
Clay	81.43
Collier	142.91
Columbia	68.11
DeSoto	58.73
Dixie	50.44
Duval	96.75
Escambia	86.91
Flagler	79.19
Franklin	69.97
Gadsden	67.55
Gilchrist	73.89
Glades	55.97
Gulf	63.06
Hamilton	47.65
Hardee	60.04
Hendry	68.32
Hernando	74.14
Highlands	71.75
Hillsborough	94.57
Holmes	63.38
Indian River	122.84
Jackson	69.24
Jefferson	70.38
Lafayette	46.68

Lake	81.56
Lee	103.45
Leon	88.89
Levy	64.45
Liberty	58.73
Madison	60.12
Manatee	97.94
Marion	78.55
Martin	127.56
Miami-Dade	91.69
Monroe	141.79
Nassau	109.54
Okaloosa	102.97
Okeechobee	63.05
Orange	86.98
Osceola	65.25
Palm Beach	129.98
Pasco	76.52
Pinellas	106.76
Polk	80.34
Putnam	66.95
St. Johns	123.06
St. Lucie	74.19
Santa Rosa	86.66
Sarasota	129.70
Seminole	99.91
Sumter	66.27
Suwannee	67.35
Taylor	64.76
Union	46.29
Volusia	80.65
Wakulla	70.81
Walton	78.84
Washington	59.68
Georgia	
Appling	64.73
Atkinson	53.40
Bacon	60.32
Baker	86.37
Baldwin	68.57
Banks	69.39
Barrow	73.69
Bartow	68.01
Ben Hill	64.96
Berrien	68.19
Bibb	86.61
Bleckley	72.06
Brantley	55.91

Brooks	74.27
Bryan	97.04
Bulloch	60.42
Burke	67.87
Butts	62.57
Calhoun	54.43
Camden	75.94
Candler	61.29
Carroll	70.49
Catoosa	71.29
Charlton	45.96
Chatham	99.82
Chattahoochee	82.37
Chattooga	57.28
Cherokee	88.45
Clarke	62.89
Clay	72.49
Clayton	64.80
Clinch	61.46
Cobb	111.38
Coffee	60.86
Colquitt	66.42
Columbia	103.02
Cook	60.69
Coweta	81.83
Crawford	75.06
Crisp	64.50
Dade	65.09
Dawson	79.48
Decatur	69.14
DeKalb	98.43
Dodge	56.26
Dooly	49.42
Dougherty	69.95
Douglas	72.51
Early	83.86
Echols	57.73
Effingham	82.86
Elbert	70.40
Emanuel	64.08
Evans	67.85
Fannin	69.57
Fayette	108.64
Floyd	80.01
Forsyth	98.13
Franklin	70.14
Fulton	138.74
Gilmer	68.99

Glascock	54.85
Glynn	89.48
Gordon	64.59
Grady	67.32
Greene	92.22
Gwinnett	80.23
Habersham	66.43
Hall	77.04
Hancock	51.55
Haralson	69.61
Harris	114.66
Hart	64.60
Heard	65.31
Henry	73.40
Houston	84.26
Irwin	67.61
Jackson	73.67
Jasper	71.99
Jeff Davis	59.58
Jefferson	63.59
Jenkins	59.43
Johnson	50.34
Jones	81.76
Lamar	65.23
Lanier	61.19
Laurens	72.41
Lee	97.88
Liberty	67.07
Lincoln	70.28
Long	52.52
Lowndes	75.50
Lumpkin	66.37
McDuffie	75.13
McIntosh	56.02
Macon	54.44
Madison	71.95
Marion	65.03
Meriwether	66.11
Miller	78.99
Mitchell	64.57
Monroe	94.12
Montgomery	63.01
Morgan	87.67
Murray	61.62
Muscogee	94.88
Newton	62.40
Oconee	127.52
Oglethorpe	74.57

Paulding	85.75
Peach	71.83
Pickens	87.90
Pierce	68.24
Pike	74.11
Polk	64.18
Pulaski	63.95
Putnam	79.17
Quitman	63.07
Rabun	74.06
Randolph	67.50
Richmond	74.08
Rockdale	78.46
Schley	52.50
Screven	69.47
Seminole	83.50
Spalding	68.86
Stephens	74.60
Stewart	57.97
Sumter	68.99
Talbot	62.06
Taliaferro	68.72
Tattnall	59.39
Taylor	62.03
Telfair	41.46
Terrell	76.11
Thomas	85.30
Tift	72.59
Toombs	75.44
Towns	86.50
Treutlen	60.25
Troup	75.95
Turner	69.79
Twiggs	76.37
Union	75.78
Upson	66.27
Walker	65.67
Walton	82.00
Ware	65.78
Warren	65.48
Washington	69.99
Wayne	69.94
Webster	59.08
Wheeler	43.48
White	62.34
Whitfield	68.75
Wilcox	59.33
Wilkes	69.38
Wilkinson	69.48
Worth	77.17
Hawaii	
Hawaii	76.85
Honolulu	112.33
Kauai	87.81
Maui + Kalawao	87.28
Idaho	
Ada	96.53
Adams	67.67
Bannock	70.56
Bear Lake	72.38
Benewah	76.34
Bingham	66.07
Blaine	144.87
Boise	88.13
Bonner	76.08
Bonneville	85.28
Boundary	63.42
Butte	84.13
Camas	91.32
Canyon	57.26
Caribou	79.62
Cassia	80.81
Clark	115.56
Clearwater	73.57
Custer	82.41
Elmore	84.79
Franklin	66.44
Fremont (includes Yellowstone Park)	59.54
Gem	66.27
Gooding	89.28
Idaho	67.59
Jefferson	65.51
Jerome	74.21
Kootenai	79.82
Latah	77.06
Lemhi	74.81
Lewis	102.58
Lincoln	70.25
Madison	46.44
Minidoka	73.77
Nez Perce	87.59
Oneida	67.18
Owyhee	73.16
Payette	67.97
Power	70.82
Shoshone	78.16
Teton	62.99
Twin Falls	77.08
Valley	85.25
Washington	66.72
Illinois	
Adams	92.08
Alexander	64.39
Bond	83.72
Boone	79.24
Brown	66.81
Bureau	90.34
Calhoun	80.63
Carroll	84.90
Cass	82.04
Champaign	86.52
Christian	90.25
Clark	84.36
Clay	79.95
Clinton	93.91
Coles	78.53
Cook	113.73
Crawford	90.06
Cumberland	84.29
DeKalb	75.98
De Witt	92.19
Douglas	92.36
DuPage	132.82
Edgar	82.78
Edwards	74.54
Effingham	90.39
Fayette	67.94
Ford	105.56
Franklin	71.81
Fulton	81.79
Gallatin	86.00
Greene	74.83
Grundy	83.89
Hamilton	81.47
Hancock	83.97
Hardin	69.47
Henderson	85.72
Henry	88.97
Iroquois	92.08
Jackson	80.83
Jasper	83.53
Jefferson	80.59

Jersey	91.42
Jo Daviess	100.15
Johnson	62.71
Kane	90.23
Kankakee	80.86
Kendall	88.95
Knox	81.35
Lake	134.92
La Salle	89.20
Lawrence	69.84
Lee	82.64
Livingston	99.89
Logan	82.76
McDonough	78.26
McHenry	98.42
McLean	100.58
Macon	98.12
Macoupin	87.14
Madison	92.29
Marion	80.90
Marshall	97.80
Mason	91.42
Massac	75.93
Menard	98.72
Mercer	95.81
Monroe	106.63
Montgomery	78.95
Morgan	82.40
Moultrie	87.76
Ogle	84.10
Peoria	107.02
Perry	63.77
Piatt	114.53
Pike	78.43
Pope	66.58
Pulaski	77.47
Putnam	94.90
Randolph	71.18
Richland	75.41
Rock Island	94.87
St. Clair	88.94
Saline	80.20
Sangamon	104.80
Schuyler	84.06
Scott	82.93
Shelby	82.57
Stark	94.14
Stephenson	88.85
Tazewell	98.10
Union	76.74
Vermilion	78.19
Wabash	82.13
Warren	83.55
Washington	93.43
Wayne	79.99
White	89.40
Whiteside	88.92
Will	101.16
Williamson	81.86
Winnebago	82.98
Woodford	102.23
Indiana	
Adams	70.10
Allen	84.96
Bartholomew	93.55
Benton	93.14
Blackford	72.36
Boone	125.42
Brown	85.42
Carroll	79.02
Cass	75.64
Clark	82.24
Clay	74.32
Clinton	75.78
Crawford	67.29
Daviess	78.81
Dearborn	85.80
Decatur	82.24
De Kalb	76.52
Delaware	73.31
Dubois	96.86
Elkhart	76.73
Fayette	69.45
Floyd	97.39
Fountain	79.32
Franklin	87.17
Fulton	74.69
Gibson	83.00
Grant	77.26
Greene	76.02
Hamilton	123.68
Hancock	102.96
Harrison	77.37
Hendricks	87.45
Henry	70.77
Howard	77.41
Huntington	77.82
Jackson	79.84
Jasper	85.33
Jay	72.24
Jefferson	73.15
Jennings	74.48
Johnson	88.58
Knox	86.76
Kosciusko	88.76
Lagrange	56.08
Lake	84.19
La Porte	75.89
Lawrence	75.27
Madison	73.79
Marion	93.03
Marshall	75.32
Martin	79.96
Miami	64.03
Monroe	75.23
Montgomery	79.45
Morgan	91.29
Newton	77.01
Noble	71.82
Ohio	85.99
Orange	73.02
Owen	73.40
Parke	68.32
Perry	72.06
Pike	75.82
Porter	102.50
Posey	96.91
Pulaski	81.94
Putnam	76.08
Randolph	77.67
Ripley	71.60
Rush	88.07
St. Joseph	87.65
Scott	67.71
Shelby	85.54
Spencer	81.40
Starke	65.32
Steuben	73.92
Sullivan	70.18
Switzerland	68.22
Tippecanoe	74.60
Tipton	89.29
Union	80.49
Vanderburgh	92.71

Vermillion	81.60
Vigo	76.72
Wabash	79.44
Warren	83.52
Warrick	100.05
Washington	70.75
Wayne	74.37
Wells	81.59
White	81.55
Whitley	80.36
Iowa	
Adair	91.34
Adams	97.58
Allamakee	80.68
Appanoose	70.96
Audubon	112.25
Benton	99.18
Black Hawk	89.49
Boone	97.47
Bremer	99.48
Buchanan	88.07
Buena Vista	95.09
Butler	100.95
Calhoun	105.72
Carroll	102.33
Cass	99.60
Cedar	99.60
Cerro Gordo	97.24
Cherokee	103.32
Chickasaw	96.76
Clarke	75.88
Clay	102.24
Clayton	86.21
Clinton	92.48
Crawford	96.83
Dallas	112.93
Davis	64.63
Decatur	62.09
Delaware	91.54
Des Moines	91.90
Dickinson	107.87
Dubuque	92.10
Emmet	89.16
Fayette	82.25
Floyd	87.83
Franklin	106.41
Fremont	103.97
Greene	103.95

Grundy	112.96
Guthrie	96.63
Hamilton	101.20
Hancock	98.14
Hardin	100.78
Harrison	97.94
Henry	78.21
Howard	89.73
Humboldt	100.14
Ida	119.47
Iowa	94.71
Jackson	83.99
Jasper	81.45
Jefferson	78.69
Johnson	99.30
Jones	78.59
Keokuk	87.79
Kossuth	115.73
Lee	78.50
Linn	103.64
Louisa	82.66
Lucas	70.88
Lyon	104.46
Madison	90.36
Mahaska	84.68
Marion	83.22
Marshall	87.25
Mills	108.55
Mitchell	101.62
Monona	97.67
Monroe	86.47
Montgomery	88.63
Muscatine	90.35
O'Brien	104.50
Osceola	102.91
Page	79.37
Palo Alto	103.64
Plymouth	108.00
Pocahontas	109.85
Polk	109.05
Pottawattamie	89.38
Poweshiek	96.12
Ringgold	73.25
Sac	109.88
Scott	109.72
Shelby	109.46
Sioux	94.70
Story	89.01

Tama	90.04
Taylor	93.73
Union	82.06
Van Buren	70.53
Wapello	77.75
Warren	96.82
Washington	96.43
Wayne	70.50
Webster	90.74
Winnebago	85.92
Winneshiek	90.88
Woodbury	84.52
Worth	89.53
Wright	108.23
Kansas	
Allen	84.38
Anderson	80.90
Atchison	73.57
Barber	93.73
Barton	92.30
Bourbon	74.29
Brown	94.89
Butler	91.42
Chase	123.26
Chautauqua	83.08
Cherokee	82.34
Cheyenne	89.83
Clark	82.30
Clay	105.99
Cloud	81.11
Coffey	109.69
Comanche	83.91
Cowley	78.67
Crawford	72.72
Decatur	104.67
Dickinson	89.00
Doniphan	79.06
Douglas	82.45
Edwards	121.11
Elk	77.48
Ellis	98.27
Ellsworth	82.45
Finney	78.89
Ford	78.20
Franklin	82.90
Geary	101.79
Gove	108.47
Graham	123.64

Grant	94.26
Gray	106.16
Greeley	136.74
Greenwood	80.50
Hamilton	92.93
Harper	101.58
Harvey	92.48
Haskell	129.48
Hodgeman	94.29
Jackson	84.94
Jefferson	82.45
Jewell	101.54
Johnson	135.72
Kearny	83.17
Kingman	98.91
Kiowa	106.44
Labette	83.73
Lane	99.41
Leavenworth	84.51
Lincoln	92.93
Linn	76.51
Logan	111.86
Lyon	71.24
McPherson	97.65
Marion	82.51
Marshall	102.82
Meade	101.09
Miami	101.20
Mitchell	97.14
Montgomery	80.52
Morris	84.72
Morton	112.21
Nemaha	105.69
Neosho	76.79
Ness	111.61
Norton	90.10
Osage	77.46
Osborne	95.63
Ottawa	78.76
Pawnee	83.03
Phillips	98.99
Pottawatomie	87.38
Pratt	99.48
Rawlins	131.80
Reno	80.98
Republic	86.34
Rice	74.58
Riley	110.25

Rooks	82.07
Rush	86.28
Russell	83.90
Saline	96.75
Scott	87.44
Sedgwick	93.96
Seward	73.51
Shawnee	94.47
Sheridan	135.19
Sherman	106.96
Smith	97.30
Stafford	96.24
Stanton	103.44
Stevens	89.66
Sumner	93.29
Thomas	95.88
Trego	91.01
Wabaunsee	83.30
Wallace	137.90
Washington	85.25
Wichita	102.12
Wilson	79.63
Woodson	69.09
Wyandotte	70.35
Kentucky	
Adair	61.88
Allen	67.01
Anderson	75.36
Ballard	87.57
Barren	69.78
Bath	61.05
Bell	62.82
Boone	85.70
Bourbon	75.77
Boyd	81.33
Boyle	74.67
Bracken	73.51
Breathitt	68.61
Breckinridge	65.88
Bullitt	73.66
Butler	63.27
Caldwell	73.00
Calloway	72.39
Campbell	90.55
Carlisle	75.38
Carroll	81.10
Carter	61.21
Casey	59.37

Christian	77.57
Clark	81.86
Clay	58.55
Clinton	64.49
Crittenden	68.78
Cumberland	63.68
Daviess	84.63
Edmonson	61.97
Elliott	46.86
Estill	58.54
Fayette	96.49
Fleming	60.72
Floyd	75.11
Franklin	87.65
Fulton	72.75
Gallatin	65.27
Garrard	63.52
Grant	71.63
Graves	72.04
Grayson	61.48
Green	63.34
Greenup	86.68
Hancock	72.44
Hardin	90.56
Harlan	68.68
Harrison	70.08
Hart	60.12
Henderson	77.78
Henry	74.61
Hickman	90.71
Hopkins	77.09
Jackson	49.87
Jefferson	100.93
Jessamine	76.06
Johnson	67.85
Kenton	97.28
Knott	66.59
Knox	63.05
Larue	86.04
Laurel	66.39
Lawrence	64.19
Lee	56.29
Leslie	69.39
Letcher	70.53
Lewis	51.59
Lincoln	61.09
Livingston	79.21
Logan	74.68

Lyon	69.33
McCracken	95.69
McCreary	51.10
McLean	79.00
Madison	69.50
Magoffin	59.72
Marion	66.27
Marshall	79.22
Martin	63.12
Mason	75.65
Meade	89.84
Menifee	55.32
Mercer	73.03
Metcalfe	55.20
Monroe	62.37
Montgomery	67.00
Morgan	53.55
Muhlenberg	66.79
Nelson	79.61
Nicholas	69.17
Ohio	70.51
Oldham	105.56
Owen	63.86
Owsley	60.54
Pendleton	67.69
Perry	76.90
Pike	78.05
Powell	64.41
Pulaski	70.89
Robertson	63.65
Rockcastle	57.81
Rowan	63.05
Russell	67.65
Scott	82.69
Shelby	84.61
Simpson	75.42
Spencer	80.93
Taylor	69.82
Todd	68.16
Trigg	89.02
Trimble	58.01
Union	83.21
Warren	77.23
Washington	66.77
Wayne	56.41
Webster	77.68
Whitley	71.87
Wolfe	55.50

Woodford	101.61
Louisiana	
Acadia	79.60
Allen	58.85
Ascension	98.52
Assumption	86.67
Avoyelles	72.64
Beauregard	72.30
Bienville	73.50
Bossier	87.03
Caddo	97.86
Calcasieu	87.59
Caldwell	71.10
Cameron	84.84
Catahoula	71.85
Claiborne	70.46
Concordia	65.02
De Soto	72.82
East Baton Rouge	101.73
East Carroll	75.63
East Feliciana	82.56
Evangeline	69.20
Franklin	70.31
Grant	62.99
Iberia	90.58
Iberville	77.97
Jackson	70.49
Jefferson	108.42
Jefferson Davis	76.58
Lafayette	112.01
Lafourche	108.17
La Salle	71.31
Lincoln	76.15
Livingston	77.02
Madison	61.63
Morehouse	71.41
Natchitoches	73.99
Orleans	105.39
Ouachita	83.90
Plaquemines	97.45
Pointe Coupee	88.11
Rapides	94.04
Red River	71.61
Richland	74.62
Sabine	68.13
St. Bernard	90.36
St. Charles	91.54
St. Helena	82.86

St. James	78.40
St. John the Baptist	88.63
St. Landry	83.49
St. Martin	76.58
St. Mary	89.87
St. Tammany	114.59
Tangipahoa	76.68
Tensas	86.88
Terrebonne	96.06
Union	75.62
Vermilion	74.95
Vernon	101.95
Washington	67.42
Webster	82.22
West Baton Rouge	89.71
West Carroll	59.06
West Feliciana	66.50
Winn	72.03
Maine	
Androscoggin	88.09
Aroostook	78.26
Cumberland	112.20
Franklin	74.21
Hancock	92.85
Kennebec	89.50
Knox	94.05
Lincoln	97.14
Oxford	74.77
Penobscot	82.49
Piscataquis	77.62
Sagadahoc	99.28
Somerset	76.09
Waldo	79.51
Washington	78.24
York	97.33
Maryland	
Allegany	78.95
Anne Arundel	136.22
Baltimore	122.84
Calvert	114.89
Caroline	78.75
Carroll	110.36
Cecil	95.58
Charles	108.55
Dorchester	84.63
Frederick	113.48
Garrett	91.42

Harford	118.13
Howard	159.34
Kent	108.20
Montgomery	169.17
Prince George's	98.43
Queen Anne's	118.73
St. Mary's	107.62
Somerset	69.02
Talbot	134.58
Washington	89.30
Wicomico	85.23
Worcester	104.76
Baltimore (Independent City)	99.37
Massachusetts	
Barnstable	132.26
Berkshire	106.78
Bristol	101.03
Dukes	144.12
Essex	127.32
Franklin	102.87
Hampden	96.19
Hampshire	95.78
Middlesex	150.65
Nantucket	177.53
Norfolk	159.64
Plymouth	122.37
Suffolk	133.22
Worcester	109.18
Michigan	
Alcona	69.64
Alger	62.04
Allegan	79.85
Alpena	80.70
Antrim	77.96
Arenac	71.91
Baraga	63.90
Barry	79.32
Bay	80.47
Benzie	74.91
Berrien	86.32
Branch	67.06
Calhoun	81.30
Cass	81.70
Charlevoix	87.56
Cheboygan	71.19
Chippewa	65.52
Clare	67.99

Clinton	85.62
Crawford	65.88
Delta	77.83
Dickinson	90.33
Eaton	82.14
Emmet	95.74
Genesee	74.11
Gladwin	65.03
Gogebic	71.76
Grand Traverse	88.98
Gratiot	71.96
Hillsdale	66.86
Houghton	66.16
Huron	91.45
Ingham	83.49
Ionia	63.42
Iosco	67.92
Iron	78.99
Isabella	67.35
Jackson	75.03
Kalamazoo	87.11
Kalkaska	64.73
Kent	86.88
Keweenaw	88.90
Lake	65.90
Lapeer	76.13
Leelanau	104.27
Lenawee	76.67
Livingston	96.40
Luce	59.76
Mackinac	81.66
Macomb	85.97
Manistee	72.74
Marquette	78.67
Mason	75.88
Mecosta	65.45
Menominee	74.57
Midland	103.40
Missaukee	62.24
Monroe	84.47
Montcalm	59.71
Montmorency	66.77
Muskegon	71.07
Newaygo	67.69
Oakland	125.17
Oceana	74.23
Ogemaw	65.99
Ontonagon	73.63

Osceola	63.27
Oscoda	60.67
Otsego	72.02
Ottawa	81.06
Presque Isle	70.50
Roscommon	72.24
Saginaw	76.51
St. Clair	80.15
St. Joseph	70.51
Sanilac	75.03
Schoolcraft	74.46
Shiawassee	69.87
Tuscola	67.04
Van Buren	74.42
Washtenaw	97.16
Wayne	81.89
Wexford	66.34
Minnesota	
Aitkin	74.78
Anoka	96.34
Becker	88.42
Beltrami	78.21
Benton	83.27
Big Stone	96.81
Blue Earth	86.32
Brown	92.97
Carlton	77.22
Carver	136.31
Cass	89.87
Chippewa	107.24
Chisago	83.64
Clay	85.41
Clearwater	70.98
Cook	98.46
Cottonwood	99.61
Crow Wing	80.70
Dakota	112.04
Dodge	93.05
Douglas	90.60
Faribault	110.42
Fillmore	89.34
Freeborn	91.98
Goodhue	100.24
Grant	97.52
Hennepin	137.68
Houston	96.73
Hubbard	76.14
Isanti	87.83

Itasca	80.53
Jackson	114.29
Kanabec	73.86
Kandiyohi	101.67
Kittson	103.02
Koochiching	86.80
Lac qui Parle	112.27
Lake	97.91
Lake of the Woods	77.29
Le Sueur	89.47
Lincoln	96.12
Lyon	96.02
McLeod	87.28
Mahnomen	72.63
Marshall	97.11
Martin	107.47
Meeker	84.11
Mille Lacs	69.77
Morrison	80.34
Mower	95.40
Murray	114.19
Nicollet	92.04
Nobles	96.48
Norman	100.27
Olmsted	112.04
Otter Tail	87.18
Pennington	100.85
Pine	69.25
Pipestone	101.70
Polk	91.94
Pope	99.08
Ramsey	110.35
Red Lake	81.45
Redwood	101.99
Renville	101.58
Rice	78.79
Rock	103.01
Roseau	92.51
St. Louis	90.74
Scott	107.43
Sherburne	79.57
Sibley	92.71
Stearns	85.22
Steele	95.46
Stevens	102.41
Swift	93.84
Todd	72.73
Traverse	110.40

Wabasha	95.17
Wadena	73.30
Waseca	90.33
Washington	118.58
Watonwan	89.52
Wilkin	99.25
Winona	83.84
Wright	87.32
Yellow Medicine	100.57
Mississippi	
Adams	78.09
Alcorn	67.41
Amite	69.02
Attala	63.92
Benton	52.66
Bolivar	76.28
Calhoun	62.93
Carroll	80.06
Chickasaw	68.20
Choctaw	61.92
Claiborne	66.17
Clarke	64.63
Clay	70.04
Coahoma	77.34
Copiah	60.21
Covington	69.62
DeSoto	80.74
Forrest	74.43
Franklin	63.64
George	63.73
Greene	55.85
Grenada	71.71
Hancock	86.12
Harrison	88.78
Hinds	86.77
Holmes	64.97
Humphreys	68.28
Issaquena	91.53
Itawamba	71.69
Jackson	87.32
Jasper	70.25
Jefferson	60.56
Jefferson Davis	65.44
Jones	80.90
Kemper	62.14
Lafayette	79.11
Lamar	83.29
Lauderdale	79.00

Lawrence	75.26
Leake	60.72
Lee	83.43
Leflore	73.45
Lincoln	67.02
Lowndes	80.50
Madison	118.23
Marion	67.86
Marshall	63.33
Monroe	67.99
Montgomery	68.15
Neshoba	83.34
Newton	67.72
Noxubee	61.40
Oktibbeha	68.17
Panola	66.25
Pearl River	68.51
Perry	56.46
Pike	66.80
Pontotoc	63.95
Prentiss	60.09
Quitman	67.87
Rankin	88.35
Scott	64.29
Sharkey	72.05
Simpson	77.65
Smith	63.41
Stone	69.34
Sunflower	64.90
Tallahatchie	59.73
Tate	69.15
Tippah	63.63
Tishomingo	59.94
Tunica	72.55
Union	67.74
Walthall	61.31
Warren	88.73
Washington	74.90
Wayne	66.71
Webster	61.26
Wilkinson	59.27
Winston	63.32
Yalobusha	71.48
Yazoo	62.13
Missouri	
Adair	67.40
Andrew	106.74
Atchison	96.99

Audrain	77.57
Barry	72.39
Barton	71.63
Bates	79.94
Benton	69.99
Bollinger	67.25
Boone	90.28
Buchanan	81.85
Butler	83.61
Caldwell	86.20
Callaway	69.91
Camden	79.44
Cape Girardeau	86.94
Carroll	87.71
Carter	65.23
Cass	86.14
Cedar	65.83
Chariton	92.15
Christian	76.55
Clark	75.58
Clay	93.57
Clinton	86.10
Cole	98.23
Cooper	74.10
Crawford	73.75
Dade	64.37
Dallas	68.96
Daviess	69.49
DeKalb	58.22
Dent	69.28
Douglas	61.33
Dunklin	75.31
Franklin	86.76
Gasconade	76.66
Gentry	83.59
Greene	86.64
Grundy	75.32
Harrison	73.19
Henry	79.03
Hickory	55.58
Holt	88.70
Howard	86.49
Howell	67.03
Iron	65.36
Jackson	98.90
Jasper	72.82
Jefferson	84.20
Johnson	71.55

Knox	76.89
Laclede	66.07
Lafayette	91.29
Lawrence	64.66
Lewis	69.61
Lincoln	73.00
Linn	77.64
Livingston	78.38
McDonald	61.22
Macon	76.10
Madison	65.59
Maries	76.21
Marion	81.60
Mercer	66.33
Miller	66.10
Mississippi	67.97
Moniteau	76.94
Monroe	76.01
Montgomery	77.59
Morgan	71.75
New Madrid	74.56
Newton	82.50
Nodaway	66.33
Oregon	59.79
Osage	84.74
Ozark	59.26
Pemiscot	79.56
Perry	74.56
Pettis	77.15
Phelps	75.41
Pike	71.41
Platte	108.66
Polk	64.89
Pulaski	99.34
Putnam	65.72
Ralls	81.17
Randolph	77.43
Ray	88.03
Reynolds	64.72
Ripley	62.57
St. Charles	99.14
St. Clair	66.00
Ste. Genevieve	81.62
St. Francois	67.38
St. Louis	127.54
Saline	86.67
Schuyler	61.45
Scotland	71.24

Scott	86.20
Shannon	53.69
Shelby	81.79
Stoddard	79.07
Stone	79.55
Sullivan	81.99
Taney	66.71
Texas	58.22
Vernon	74.57
Warren	80.84
Washington	61.47
Wayne	62.73
Webster	65.74
Worth	70.60
Wright	57.94
St. Louis (Independent City)	89.30
Montana	
Beaverhead	80.74
Big Horn	64.13
Blaine	66.12
Broadwater	67.74
Carbon	85.09
Carter	70.27
Cascade	95.26
Chouteau	80.84
Custer	83.52
Daniels	114.46
Dawson	79.38
Deer Lodge	71.59
Fallon	99.28
Fergus	82.57
Flathead	85.83
Gallatin	88.36
Garfield	70.00
Glacier	72.36
Golden Valley	92.98
Granite	74.65
Hill	91.79
Jefferson	93.72
Judith Basin	86.48
Lake	66.66
Lewis and Clark	94.74
Liberty	83.29
Lincoln	67.84
McCone	81.97
Madison	85.36
Meagher	77.50

Mineral	66.87
Missoula	85.69
Musselshell	73.69
Park	84.96
Petroleum	71.24
Phillips	80.64
Pondera	89.17
Powder River	66.77
Powell	65.13
Prairie	77.60
Ravalli	74.97
Richland	113.75
Roosevelt	70.32
Rosebud	88.00
Sanders	63.72
Sheridan	108.22
Silver Bow	92.52
Stillwater	86.56
Sweet Grass	67.98
Teton	94.29
Toole	94.97
Treasure	86.34
Valley	91.85
Wheatland	70.65
Wibaux	61.55
Yellowstone	95.53
Nebraska	
Adams	92.34
Antelope	129.97
Arthur	71.72
Banner	105.02
Blaine	84.91
Boone	112.13
Box Butte	87.78
Boyd	98.37
Brown	86.35
Buffalo	91.34
Burt	101.14
Butler	105.66
Cass	99.67
Cedar	114.40
Chase	101.87
Cherry	88.26
Cheyenne	107.13
Clay	108.32
Colfax	89.43
Cuming	117.22
Custer	98.34

Dakota	71.44
Dawes	72.31
Dawson	78.89
Deuel	82.55
Dixon	86.07
Dodge	91.42
Douglas	113.48
Dundy	122.21
Fillmore	119.71
Franklin	99.21
Frontier	103.99
Furnas	99.97
Gage	96.11
Garden	108.40
Garfield	83.74
Gosper	121.58
Grant	67.27
Greeley	84.43
Hall	90.44
Hamilton	111.10
Harlan	105.67
Hayes	138.12
Hitchcock	89.47
Holt	107.41
Hooker	74.58
Howard	92.33
Jefferson	93.03
Johnson	79.11
Kearney	118.47
Keith	84.60
Keya Paha	99.18
Kimball	96.56
Knox	86.94
Lancaster	93.80
Lincoln	96.81
Logan	101.20
Loup	57.57
McPherson	50.49
Madison	88.38
Merrick	92.35
Morrill	108.22
Nance	97.15
Nemaha	96.13
Nuckolls	100.52
Otoe	91.39
Pawnee	90.98
Perkins	116.87
Phelps	109.80

Pierce	94.75
Platte	93.07
Polk	117.21
Red Willow	91.61
Richardson	91.22
Rock	84.70
Saline	85.21
Sarpy	100.07
Saunders	99.95
Scotts Bluff	87.12
Seward	99.23
Sheridan	84.39
Sherman	81.07
Sioux	96.47
Stanton	95.65
Thayer	104.25
Thomas	86.07
Thurston	90.54
Valley	102.67
Washington	105.33
Wayne	86.96
Webster	90.46
Wheeler	98.95
York	105.29
Nevada	
Churchill	100.38
Clark	87.76
Douglas	127.15
Elko	93.74
Esmeralda	95.39
Eureka	85.49
Humboldt	99.85
Lander	104.47
Lincoln	54.68
Lyon	68.34
Mineral	83.91
Nye	77.31
Pershing	59.50
Storey	84.60
Washoe	102.14
White Pine	91.61
Carson City (Independent City)	98.22
New Hampshire	
Belknap	101.78
Carroll	102.49
Cheshire	98.50
Coos	84.77

Grafton	109.10
Hillsborough	115.37
Merrimack	105.03
Rockingham	126.14
Strafford	90.66
Sullivan	90.52
New Jersey	
Atlantic	97.53
Bergen	160.09
Burlington	117.78
Camden	105.01
Cape May	117.84
Cumberland	84.81
Essex	127.15
Gloucester	102.21
Hudson	112.79
Hunterdon	165.09
Mercer	131.03
Middlesex	119.31
Monmouth	141.78
Morris	173.60
Ocean	99.40
Passaic	103.78
Salem	98.69
Somerset	176.13
Sussex	120.78
Union	124.83
Warren	109.03
New Mexico	
Bernalillo	89.04
Catron	66.85
Chaves	72.04
Cibola	63.33
Colfax	81.00
Curry	92.22
De Baca	81.49
Dona Ana	73.20
Eddy	99.20
Grant	77.17
Guadalupe	61.19
Harding	99.38
Hidalgo	76.95
Lea	87.37
Lincoln	77.08
Los Alamos	149.50
Luna	70.43
McKinley	59.70
Mora	66.38

Otero	71.88
Quay	78.34
Rio Arriba	71.06
Roosevelt	76.04
Sandoval	79.61
San Juan	74.67
San Miguel	76.19
Santa Fe	105.92
Sierra	78.74
Socorro	72.56
Taos	75.22
Torrance	73.48
Union	63.77
Valencia	70.81
New York	
Albany	116.09
Allegany	67.59
Bronx	76.51
Broome	86.54
Cattaraugus	83.18
Cayuga	81.47
Chautauqua	76.13
Chemung	85.11
Chenango	80.03
Clinton	83.40
Columbia	99.76
Cortland	76.37
Delaware	77.68
Dutchess	109.39
Erie	98.79
Essex	82.60
Franklin	71.96
Fulton	85.42
Genesee	82.03
Greene	88.55
Hamilton	99.59
Herkimer	79.49
Jefferson	107.34
Kings	94.36
Lewis	77.70
Livingston	77.80
Madison	81.42
Monroe	105.24
Montgomery	79.79
Nassau	164.54
New York	284.77
Niagara	84.75
Oneida	86.88

Onondaga	99.64
Ontario	100.36
Orange	96.69
Orleans	71.85
Oswego	75.71
Otsego	79.81
Putnam	130.49
Queens	100.94
Rensselaer	95.75
Richmond	117.90
Rockland	129.90
St. Lawrence	70.18
Saratoga	111.40
Schenectady	103.47
Schoharie	84.84
Schuyler	84.44
Seneca	81.21
Steuben	90.25
Suffolk	126.65
Sullivan	90.09
Tioga	86.96
Tompkins	87.46
Ulster	95.19
Warren	96.90
Washington	80.08
Wayne	86.76
Westchester	183.84
Wyoming	73.84
Yates	76.12
North Carolina	
Alamance	76.35
Alexander	73.57
Alleghany	75.35
Anson	60.79
Ashe	69.71
Avery	69.71
Beaufort	78.79
Bertie	71.78
Bladen	70.85
Brunswick	80.82
Buncombe	83.92
Burke	73.00
Cabarrus	86.35
Caldwell	66.29
Camden	89.54
Carteret	95.64
Caswell	75.31
Catawba	79.96

Chatham	115.40
Cherokee	63.09
Chowan	81.00
Clay	67.33
Cleveland	74.85
Columbus	69.70
Craven	89.26
Cumberland	106.56
Currituck	95.85
Dare	93.76
Davidson	79.91
Davie	87.05
Duplin	69.60
Durham	95.28
Edgecombe	66.71
Forsyth	91.84
Franklin	72.90
Gaston	81.37
Gates	65.63
Graham	61.19
Granville	68.94
Greene	65.01
Guilford	92.15
Halifax	71.66
Harnett	72.22
Haywood	76.71
Henderson	87.15
Hertford	67.32
Hoke	79.21
Hyde	70.12
Iredell	80.64
Jackson	68.54
Johnston	82.35
Jones	83.11
Lee	80.30
Lenoir	78.05
Lincoln	82.44
McDowell	63.33
Macon	73.58
Madison	69.89
Martin	74.71
Mecklenburg	109.29
Mitchell	65.94
Montgomery	67.92
Moore	93.56
Nash	82.98
New Hanover	87.82
Northampton	71.95

Onslow	110.40
Orange	117.13
Pamlico	88.71
Pasquotank	69.67
Pender	75.30
Perquimans	73.10
Person	72.45
Pitt	79.75
Polk	89.74
Randolph	71.86
Richmond	67.53
Robeson	61.42
Rockingham	74.74
Rowan	73.46
Rutherford	62.27
Sampson	72.91
Scotland	69.83
Stanly	73.53
Stokes	72.73
Surry	73.40
Swain	68.47
Transylvania	75.28
Tyrrell	60.27
Union	85.26
Vance	72.03
Wake	103.47
Warren	60.36
Washington	72.66
Watauga	72.33
Wayne	75.30
Wilkes	76.49
Wilson	80.49
Yadkin	74.11
Yancey	63.65
North Dakota	
Adams	111.54
Barnes	111.14
Benson	91.19
Billings	144.14
Bottineau	117.76
Bowman	126.91
Burke	123.03
Burleigh	103.70
Cass	107.58
Cavalier	143.85
Dickey	124.58
Divide	115.70
Dunn	118.19

Eddy	96.56
Emmons	115.93
Foster	111.51
Golden Valley	73.73
Grand Forks	93.83
Grant	126.22
Griggs	108.62
Hettinger	120.04
Kidder	97.43
LaMoure	149.38
Logan	123.15
McHenry	93.10
McIntosh	110.66
McKenzie	131.26
McLean	121.88
Mercer	112.35
Morton	90.03
Mountrail	128.00
Nelson	129.28
Oliver	137.48
Pembina	124.37
Pierce	98.43
Ramsey	100.72
Ransom	99.89
Renville	124.96
Richland	101.55
Rolette	70.41
Sargent	126.04
Sheridan	133.04
Sioux	60.90
Slope	150.35
Stark	119.15
Steele	131.63
Stutsman	99.86
Towner	136.79
Traill	105.46
Walsh	99.17
Ward	107.76
Wells	129.83
Williams	149.61
Ohio	
Adams	64.48
Allen	76.23
Ashland	70.76
Ashtabula	74.19
Athens	65.59
Auglaize	91.25
Belmont	74.49

Brown	73.33
Butler	88.54
Carroll	65.43
Champaign	74.58
Clark	83.64
Clermont	87.45
Clinton	79.72
Columbiana	72.02
Coshocton	71.32
Crawford	73.83
Cuyahoga	104.47
Darke	81.36
Defiance	79.52
Delaware	136.80
Erie	91.07
Fairfield	81.66
Fayette	82.58
Franklin	96.08
Fulton	84.00
Gallia	77.80
Geauga	121.07
Greene	91.01
Guernsey	71.44
Hamilton	112.97
Hancock	93.38
Hardin	68.65
Harrison	68.65
Henry	83.75
Highland	67.97
Hocking	68.22
Holmes	64.85
Huron	75.30
Jackson	68.34
Jefferson	76.65
Knox	76.23
Lake	96.82
Lawrence	73.56
Licking	88.61
Logan	82.50
Lorain	86.44
Lucas	86.28
Madison	83.53
Mahoning	83.41
Marion	77.29
Medina	97.22
Meigs	61.32
Mercer	88.44
Miami	88.15

Monroe	71.90
Montgomery	90.82
Morgan	58.79
Morrow	72.48
Muskingum	74.88
Noble	49.85
Ottawa	94.47
Paulding	75.54
Perry	61.59
Pickaway	77.58
Pike	70.06
Portage	86.05
Preble	78.44
Putnam	86.20
Richland	73.94
Ross	72.09
Sandusky	78.99
Scioto	69.94
Seneca	75.38
Shelby	81.55
Stark	84.21
Summit	98.77
Trumbull	76.21
Tuscarawas	72.18
Union	85.43
Van Wert	83.53
Vinton	58.99
Warren	101.86
Washington	81.30
Wayne	73.96
Williams	78.83
Wood	88.64
Wyandot	79.28
Oklahoma	
Adair	54.76
Alfalfa	68.72
Atoka	65.16
Beaver	89.02
Beckham	82.57
Blaine	69.94
Bryan	70.57
Caddo	66.07
Canadian	93.18
Carter	89.33
Cherokee	71.17
Choctaw	67.93
Cimarron	89.32
Cleveland	87.36

Coal	65.03
Comanche	88.99
Cotton	85.43
Craig	76.02
Creek	78.85
Custer	82.60
Delaware	74.25
Dewey	83.77
Ellis	85.52
Garfield	93.30
Garvin	83.81
Grady	73.32
Grant	90.15
Greer	65.69
Harmon	72.86
Harper	75.37
Haskell	72.98
Hughes	63.97
Jackson	79.19
Jefferson	63.63
Johnston	66.80
Kay	86.14
Kingfisher	88.73
Kiowa	70.70
Latimer	77.23
Le Flore	66.54
Lincoln	71.09
Logan	88.89
Love	92.61
McClain	100.92
McCurtain	67.46
McIntosh	71.03
Major	83.52
Marshall	64.94
Mayes	69.74
Murray	85.40
Muskogee	76.08
Noble	72.74
Nowata	69.03
Okfuskee	57.03
Oklahoma	101.17
Okmulgee	71.88
Osage	83.56
Ottawa	78.04
Pawnee	74.59
Payne	77.57
Pittsburg	79.90
Pontotoc	81.74

Pottawatomie	79.47
Pushmataha	68.53
Roger Mills	82.80
Rogers	88.63
Seminole	72.14
Sequoyah	67.16
Stephens	88.68
Texas	78.66
Tillman	63.22
Tulsa	110.11
Wagoner	80.35
Washington	103.57
Washita	72.75
Woods	78.60
Woodward	90.44
Oregon	
Baker	73.83
Benton	93.32
Clackamas	111.18
Clatsop	83.54
Columbia	82.10
Coos	77.82
Crook	73.03
Curry	77.45
Deschutes	90.14
Douglas	75.29
Gilliam	85.53
Grant	73.60
Harney	69.85
Hood River	85.14
Jackson	84.32
Jefferson	67.37
Josephine	72.98
Klamath	72.42
Lake	74.86
Lane	83.48
Lincoln	82.70
Linn	73.34
Malheur	60.02
Marion	82.70
Morrow	87.49
Multnomah	100.26
Polk	76.68
Sherman	121.05
Tillamook	81.48
Umatilla	74.31
Union	76.80
Wallowa	81.66

Wasco	82.53
Washington	101.90
Wheeler	67.11
Yamhill	81.67
Pennsylvania	
Adams	81.59
Allegheny	116.77
Armstrong	81.35
Beaver	91.05
Bedford	75.53
Berks	90.95
Blair	82.83
Bradford	77.65
Bucks	132.69
Butler	104.54
Cambria	79.90
Cameron	79.93
Carbon	77.90
Centre	84.35
Chester	143.81
Clarion	79.46
Clearfield	76.94
Clinton	74.67
Columbia	74.42
Crawford	75.01
Cumberland	102.54
Dauphin	99.25
Delaware	120.69
Elk	86.65
Erie	82.69
Fayette	81.06
Forest	56.73
Franklin	82.87
Fulton	75.96
Greene	82.42
Huntingdon	69.81
Indiana	82.60
Jefferson	78.56
Juniata	74.93
Lackawanna	92.11
Lancaster	90.95
Lawrence	80.14
Lebanon	92.44
Lehigh	98.66
Luzerne	87.88
Lycoming	82.83
McKean	80.53
Mercer	79.47

Mifflin	72.33
Monroe	76.92
Montgomery	156.20
Montour	101.01
Northampton	94.62
Northumberland	80.17
Perry	83.28
Philadelphia	93.31
Pike	84.64
Potter	76.23
Schuylkill	78.91
Snyder	75.28
Somerset	78.94
Sullivan	74.69
Susquehanna	74.73
Tioga	69.58
Union	75.97
Venango	80.44
Warren	79.34
Washington	106.56
Wayne	78.45
Westmoreland	99.16
Wyoming	78.70
York	90.35
Rhode Island	
Bristol	131.54
Kent	111.22
Newport	125.12
Providence	96.48
Washington	117.76
South Carolina	
Abbeville	65.82
Aiken	84.52
Allendale	62.48
Anderson	74.84
Bamberg	62.79
Barnwell	63.68
Beaufort	102.57
Berkeley	79.77
Calhoun	83.18
Charleston	100.68
Cherokee	65.38
Chester	68.29
Chesterfield	59.11
Clarendon	59.85
Colleton	70.86
Darlington	71.63
Dillon	58.22

Dorchester	79.44
Edgefield	78.99
Fairfield	66.48
Florence	83.93
Georgetown	92.61
Greenville	90.74
Greenwood	73.89
Hampton	66.13
Horry	71.48
Jasper	65.69
Kershaw	81.18
Lancaster	62.87
Laurens	71.48
Lee	64.07
Lexington	86.37
McCormick	65.58
Marion	65.03
Marlboro	58.45
Newberry	72.90
Oconee	77.81
Orangeburg	70.59
Pickens	67.86
Richland	88.19
Saluda	82.75
Spartanburg	76.87
Sumter	72.59
Union	65.06
Williamsburg	64.77
York	82.22
South Dakota	
Aurora	121.04
Beadle	109.52
Bennett	72.75
Bon Homme	87.11
Brookings	93.89
Brown	113.96
Brule	109.63
Buffalo	61.79
Butte	71.32
Campbell	118.38
Charles Mix	91.26
Clark	103.65
Clay	102.85
Codington	95.19
Corson	80.95
Custer	85.57
Davison	103.92
Day	99.12

Deuel	104.28
Dewey	89.42
Douglas	124.24
Edmunds	130.14
Fall River	86.08
Faulk	121.09
Grant	104.77
Gregory	102.39
Haakon	129.21
Hamlin	91.39
Hand	117.48
Hanson	133.86
Harding	98.08
Hughes	108.15
Hutchinson	115.31
Hyde	118.32
Jackson	66.64
Jerauld	136.80
Jones	115.76
Kingsbury	121.59
Lake	107.76
Lawrence	83.75
Lincoln	129.11
Lyman	105.24
McCook	111.51
McPherson	94.15
Marshall	97.40
Meade	93.16
Mellette	80.72
Miner	114.12
Minnehaha	100.47
Moody	114.38
Pennington	98.65
Perkins	85.59
Potter	151.45
Roberts	86.54
Sanborn	113.96
Shannon	50.55
Spink	148.82
Stanley	110.15
Sully	215.43
Todd	56.75
Tripp	103.60
Turner	118.83
Union	148.79
Walworth	92.55
Yankton	91.12
Ziebach	58.00

Tennessee	
Anderson	87.43
Bedford	74.51
Benton	67.62
Bledsoe	58.44
Blount	77.57
Bradley	75.94
Campbell	67.64
Cannon	73.89
Carroll	73.65
Carter	67.56
Cheatham	80.13
Chester	67.07
Claiborne	67.15
Clay	64.81
Cocke	61.97
Coffee	81.76
Crockett	76.47
Cumberland	71.93
Davidson	114.06
Decatur	79.85
DeKalb	74.27
Dickson	74.29
Dyer	77.22
Fayette	101.16
Fentress	67.79
Franklin	70.94
Gibson	73.37
Giles	71.82
Grainger	68.71
Greene	77.29
Grundy	61.89
Hamblen	72.46
Hamilton	96.12
Hancock	48.51
Hardeman	63.77
Hardin	78.44
Hawkins	68.36
Haywood	78.10
Henderson	65.61
Henry	73.54
Hickman	58.06
Houston	69.44
Humphreys	75.26
Jackson	72.54
Jefferson	69.46
Johnson	59.01
Knox	93.22

Lake	48.10
Lauderdale	55.08
Lawrence	63.14
Lewis	58.79
Lincoln	76.98
Loudon	90.68
McMinn	69.01
McNairy	65.03
Macon	68.11
Madison	84.72
Marion	77.17
Marshall	62.56
Maury	76.27
Meigs	69.08
Monroe	63.11
Montgomery	100.81
Moore	81.88
Morgan	59.74
Obion	78.34
Overton	61.76
Perry	66.51
Pickett	63.61
Polk	66.58
Putnam	75.80
Rhea	65.02
Roane	84.42
Robertson	80.55
Rutherford	77.85
Scott	57.19
Sequatchie	75.41
Sevier	77.21
Shelby	99.19
Smith	75.05
Stewart	78.06
Sullivan	84.27
Sumner	88.00
Tipton	82.92
Trousdale	86.84
Unicoi	74.46
Union	62.10
Van Buren	65.28
Warren	66.15
Washington	84.25
Wayne	53.67
Weakley	70.97
White	61.20
Williamson	140.62
Wilson	92.67

Texas	
Anderson	67.58
Andrews	90.01
Angelina	80.72
Aransas	101.15
Archer	105.02
Armstrong	102.80
Atascosa	72.33
Austin	94.90
Bailey	78.62
Bandera	88.62
Bastrop	69.50
Baylor	83.43
Bee	61.69
Bell	96.80
Bexar	87.00
Blanco	110.47
Borden	104.11
Bosque	78.63
Bowie	85.55
Brazoria	93.44
Brazos	70.14
Brewster	93.00
Briscoe	77.29
Brooks	69.80
Brown	77.38
Burleson	82.64
Burnet	98.58
Caldwell	62.81
Calhoun	77.29
Callahan	79.15
Cameron	56.14
Camp	81.53
Carson	95.59
Cass	78.77
Castro	96.78
Chambers	113.92
Cherokee	69.90
Childress	58.34
Clay	102.83
Cochran	87.32
Coke	75.95
Coleman	78.62
Collin	124.72
Collingsworth	79.17
Colorado	93.99
Comal	105.48
Comanche	83.68

Concho	54.45
Cooke	104.81
Coryell	89.02
Cottle	88.29
Crane	79.92
Crockett	80.86
Crosby	85.59
Culberson	73.10
Dallam	101.70
Dallas	109.82
Dawson	69.93
Deaf Smith	78.96
Delta	72.61
Denton	101.84
DeWitt	81.50
Dickens	68.04
Dimmit	72.86
Donley	84.30
Duval	78.97
Eastland	115.53
Ector	87.33
Edwards	76.00
Ellis	84.07
El Paso	71.69
Erath	74.28
Falls	66.81
Fannin	70.79
Fayette	94.25
Fisher	82.28
Floyd	86.88
Foard	77.81
Fort Bend	115.78
Franklin	79.98
Freestone	75.10
Frio	59.57
Gaines	69.86
Galveston	105.82
Garza	71.31
Gillespie	113.28
Glasscock	93.01
Goliad	70.84
Gonzales	75.72
Gray	91.73
Grayson	80.28
Gregg	102.15
Grimes	73.37
Guadalupe	88.08
Hale	68.80

Hall	66.55
Hamilton	83.83
Hansford	102.73
Hardeman	75.23
Hardin	93.01
Harris	115.67
Harrison	96.01
Hartley	99.79
Haskell	73.29
Hays	78.45
Hemphill	127.57
Henderson	77.59
Hidalgo	52.53
Hill	77.29
Hockley	87.84
Hood	97.93
Hopkins	78.47
Houston	71.23
Howard	75.71
Hudspeth	69.69
Hunt	77.58
Hutchinson	88.60
Irion	126.42
Jack	87.43
Jackson	78.39
Jasper	78.93
Jeff Davis	82.56
Jefferson	92.07
Jim Hogg	85.72
Jim Wells	89.12
Johnson	80.85
Jones	64.44
Karnes	63.97
Kaufman	81.50
Kendall	134.97
Kenedy	109.84
Kent	74.77
Kerr	102.36
Kimble	80.81
King	106.70
Kinney	72.37
Kleberg	79.50
Knox	77.89
Lamar	79.22
Lamb	72.33
Lampasas	116.24
La Salle	58.48
Lavaca	88.53

Lee	87.86
Leon	82.98
Liberty	83.25
Limestone	74.37
Lipscomb	92.41
Live Oak	77.96
Llano	87.96
Loving	134.78
Lubbock	84.17
Lynn	73.27
McCulloch	84.59
McLennan	82.13
McMullen	110.92
Madison	61.16
Marion	72.39
Martin	84.40
Mason	80.80
Matagorda	79.33
Maverick	52.55
Medina	77.79
Menard	70.45
Midland	146.17
Milam	76.97
Mills	84.77
Mitchell	59.16
Montague	93.18
Montgomery	115.97
Moore	77.50
Morris	82.12
Motley	83.26
Nacogdoches	71.25
Navarro	78.51
Newton	65.85
Nolan	78.48
Nueces	91.20
Ochiltree	96.27
Oldham	96.89
Orange	90.87
Palo Pinto	81.45
Panola	92.12
Parker	95.95
Parmer	82.33
Pecos	70.11
Polk	91.82
Potter	81.35
Presidio	65.36
Rains	72.63
Randall	95.83

Reagan	83.65
Real	73.38
Red River	75.31
Reeves	55.70
Refugio	89.86
Roberts	99.74
Robertson	84.95
Rockwall	121.17
Runnels	70.62
Rusk	73.26
Sabine	76.25
San Augustine	69.20
San Jacinto	76.45
San Patricio	89.26
San Saba	73.16
Schleicher	69.43
Scurry	85.78
Shackelford	108.89
Shelby	76.28
Sherman	110.84
Smith	92.85
Somervell	88.89
Starr	45.76
Stephens	91.98
Sterling	85.49
Stonewall	92.37
Sutton	148.61
Swisher	79.70
Tarrant	98.26
Taylor	89.05
Terrell	105.45
Terry	76.93
Throckmorton	104.37
Titus	70.58
Tom Green	89.00
Travis	104.57
Trinity	68.31
Tyler	70.51
Upshur	83.12
Upton	100.46
Uvalde	76.82
Val Verde	73.73
Van Zandt	82.55
Victoria	99.73
Walker	61.30
Waller	71.84
Ward	87.42
Washington	103.47

Webb	59.44
Wharton	83.51
Wheeler	97.49
Wichita	85.44
Wilbarger	84.06
Willacy	61.56
Williamson	95.37
Wilson	81.96
Winkler	81.77
Wise	85.78
Wood	76.09
Yoakum	98.20
Young	93.71
Zapata	56.20
Zavala	48.29
Utah	
Beaver	70.69
Box Elder	72.78
Cache	67.49
Carbon	79.38
Daggett	72.82
Davis	84.23
Duchesne	87.43
Emery	71.23
Garfield	66.57
Grand	82.44
Iron	57.54
Juab	59.30
Kane	78.18
Millard	69.59
Morgan	79.42
Piute	59.74
Rich	76.77
Salt Lake	94.59
San Juan	54.22
Sanpete	52.68
Sevier	65.21
Summit	173.15
Tooele	67.24
Uintah	73.70
Utah	62.82
Wasatch	67.98
Washington	66.83
Wayne	65.63
Weber	81.06
Vermont	
Addison	92.40
Bennington	100.28

Caledonia	81.54
Chittenden	108.15
Essex	63.20
Franklin	97.33
Grand Isle	104.86
Lamoille	98.77
Orange	87.48
Orleans	84.80
Rutland	99.27
Washington	106.18
Windham	97.20
Windsor	107.47
Virginia	
Accomack	81.90
Amelia	84.13
Amherst	73.60
Appomattox	75.58
Arlington	199.55
Bath	89.86
Bland	73.07
Botetourt	102.29
Brunswick	65.87
Buchanan	75.88
Buckingham	59.65
Caroline	86.23
Charles City	80.33
Charlotte	67.02
Chesterfield	105.98
Clarke	101.32
Craig	76.00
Culpeper	86.30
Cumberland	72.86
Dickenson	71.83
Essex	81.47
Fauquier	130.72
Floyd	67.69
Fluvanna	88.16
Franklin	78.69
Giles	72.52
Gloucester	94.05
Goochland	151.76
Grayson	60.27
Greene	91.07
Halifax	72.01
Hanover	110.79
Henrico	107.82
Highland	85.35
Isle of Wight	102.36

King and Queen	79.27
King George	96.97
King William	93.27
Lancaster	115.33
Lee	67.73
Loudoun	134.67
Louisa	97.74
Lunenburg	64.56
Madison	86.85
Mathews	126.67
Mecklenburg	74.76
Middlesex	98.69
Nelson	95.91
New Kent	88.63
Northampton	88.26
Northumberland	100.55
Nottoway	74.06
Orange	84.45
Page	70.77
Patrick	63.42
Powhatan	104.41
Prince Edward	54.37
Pulaski	78.84
Rappahannock	102.77
Richmond	64.48
Russell	69.60
Scott	67.19
Shenandoah	79.00
Smyth	68.70
Stafford	101.72
Surry	83.53
Sussex	71.27
Tazewell	79.77
Warren	94.73
Westmoreland	87.56
Wythe	69.81
Alexandria (Independent City)	190.17
Chesapeake (Independent City)	102.78
Hampton (Independent City)	96.53
Newport News (Independent City)	83.77

Norfolk (Independent City)	88.83
Portsmouth (Independent City)	90.05
Richmond (Independent City)	104.11
Roanoke (Independent City)	96.20
Suffolk (Independent City)	94.22
Virginia Beach (Independent City)	112.95
Albemarle + Charlottesville	113.40
Alleghany + Covington	79.96
Augusta, Staunton + Waynesboro	83.23
Bedford + Bedford City	93.67
Campbell + Lynchburg	77.39
Carroll + Galax	71.30
Dinwiddie, Colonial Heights + Petersburg	89.91
Fairfax, Fairfax City + Falls Church	167.94
Frederick + Winchester	90.13
Greensville + Emporia	57.82
Henry + Martinsville	73.01
James City + Williamsburg	124.32
Montgomery + Radford	69.02
Pittsylvania + Danville	75.31
Prince George + Hopewell	91.09
Prince William, Manassas + Manassas Park	108.67
Roanoke + Salem	99.21
Rockbridge, Buena Vista + Lexington	77.35
Rockingham + Harrisonburg	75.81
Southampton + Franklin	77.15
Spotsylvania + Fredericksburg	98.67
Washington + Bristol	80.64
Wise + Norton	78.33
York + Poquoson	113.83
Washington	
Adams	73.59
Asotin	86.15
Benton	96.72
Chelan	91.86
Clallam	88.66
Clark	90.88
Columbia	92.35
Cowlitz	79.36
Douglas	73.93
Ferry	64.96
Franklin	71.80
Garfield	85.14
Grant	75.01
Grays Harbor	73.23
Island	93.34
Jefferson	102.94
King	138.93
Kitsap	104.08
Kittitas	80.12
Klickitat	92.29
Lewis	75.97
Lincoln	82.55
Mason	74.35
Okanogan	84.83
Pacific	79.06
Pend Oreille	73.70
Pierce	99.98
San Juan	128.22
Skagit	94.12
Skamania	83.01
Snohomish	105.64
Spokane	87.49
Stevens	69.01
Thurston	100.99
Wahkiakum	78.04
Walla Walla	85.86
Whatcom	92.00
Whitman	72.29
Yakima	80.51
West Virginia	
Barbour	62.57
Berkeley	76.41
Boone	69.53
Braxton	62.97
Brooke	74.83
Cabell	83.00
Calhoun	54.61
Clay	56.91
Doddridge	49.66
Fayette	69.91
Gilmer	53.41
Grant	72.56
Greenbrier	76.60
Hampshire	59.01
Hancock	74.33
Hardy	63.31
Harrison	92.89
Jackson	65.31
Jefferson	91.83
Kanawha	102.56
Lewis	80.81
Lincoln	60.27
Logan	79.19
McDowell	63.82
Marion	86.65
Marshall	84.73
Mason	64.46
Mercer	78.62
Mineral	76.40
Mingo	72.88
Monongalia	90.83
Monroe	64.67
Morgan	76.80
Nicholas	74.87
Ohio	92.06
Pendleton	74.93
Pleasants	75.45

Pocahontas	73.45
Preston	68.18
Putnam	96.82
Raleigh	87.22
Randolph	73.84
Ritchie	68.85
Roane	60.57
Summers	59.36
Taylor	65.22
Tucker	68.92
Tyler	62.70
Upshur	69.12
Wayne	70.48
Webster	60.32
Wetzel	75.22
Wirt	54.66
Wood	79.19
Wyoming	68.58
Wisconsin	
Adams	79.54
Ashland	79.95
Barron	79.83
Bayfield	81.21
Brown	95.92
Buffalo	97.53
Burnett	82.07
Calumet	101.89
Chippewa	82.61
Clark	72.30
Columbia	98.60
Crawford	77.49
Dane	112.85
Dodge	83.44
Door	101.92
Douglas	76.69
Dunn	76.65
Eau Claire	90.52
Florence	85.39
Fond du Lac	88.99
Forest	76.13
Grant	79.24
Green	90.43
Green Lake	88.62
Iowa	93.27
Iron	88.32
Jackson	81.62
Jefferson	85.02
Juneau	70.75

Kenosha	86.61
Kewaunee	90.30
La Crosse	91.52
Lafayette	79.04
Langlade	82.84
Lincoln	81.79
Manitowoc	91.57
Marathon	90.68
Marinette	83.27
Marquette	72.58
Menominee	63.92
Milwaukee	94.92
Monroe	79.68
Oconto	86.92
Oneida	92.98
Outagamie	92.31
Ozaukee	145.15
Pepin	84.57
Pierce	81.82
Polk	79.48
Portage	86.43
Price	82.53
Racine	93.40
Richland	76.22
Rock	80.08
Rusk	65.93
St. Croix	94.23
Sauk	88.76
Sawyer	83.39
Shawano	78.72
Sheboygan	97.07
Taylor	70.95
Trempealeau	82.78
Vernon	71.96
Vilas	84.17
Walworth	83.74
Washburn	79.80
Washington	107.20
Waukesha	131.49
Waupaca	88.80
Waushara	72.39
Winnebago	92.21
Wood	94.78
Wyoming	
Albany	87.90
Big Horn	78.76
Campbell	116.08
Carbon	96.47

Converse	108.33
Crook	105.34
Fremont	93.55
Goshen	81.76
Hot Springs	101.62
Johnson	99.79
Laramie	112.09
Lincoln	89.21
Natrona	126.02
Niobrara	97.98
Park	109.68
Platte	101.98
Sheridan	121.65
Sublette	143.03
Sweetwater	118.95
Teton	226.91
Uinta	101.71
Washakie	99.08
Weston	114.28

ENCLOSURE D: ABILITY-TO-PAY PROCEDURES
(from Code of Federal Regulations (CFR))

PART 241 ~- FLOOD DAMAGE REDUCTION COST-SHARING REQUIREMENTS UNDER THE ABILITY TO PAY PROVISION

Sec.
241.1 Purpose.
241.2 Applicability.
241.3 References.
241.4 General policy.

241.5 Procedures for estimating the alternative cost- share.
241.6 Deferred payments for certain qualifying projects.
241.7 Application of test.

Authority: Sec. 103 (m), Pub. L. 99-662, 100 Stat. 4082 (33 U.S.C. 2201 et seq.), as amended by Sec. 201, Pub. L. 102-580, 106 Stat. 4797 (33 U.S.C. 2201 et seq.)
Source: 54 FR 40581, Oct. 2, 1989, unless otherwise noted.

§241.2 Applicability.
This rule applies to all U.S. Army Corps of Engineers Headquarters (HQUSACE), elements and Major Subordinate Commands and District Commands of the Corps of Engineers having Civil Works Responsibilities.

[60 FR 5133, Jan. 26, 1995]

241.3 References.

References cited in paragraphs (f) thru (i) may be obtained from USACE Publications Depot, CEHEC-IM-PD, 2803, 52d Avenue, Hyattsville, MD 20781-1102. References cited in paragraphs (d) and (e) may be obtained from the National Information Services, 5285 Port Royal Road, Springfield, VA. 22161. References (a), (b) and (c) may be reviewed in your local library or by writing your local Congressperson.

(a) Water Resources Development Act, 1986, Public Law 99-662, 100 Stat. 4082, 33 U.S.C. 2201 et seq.

(b) Water Resources Development Act 1992, Public Law 102-580, 106 Stat. 4797, 33 U.S.C. 2201 et seq.

(c) U.S. Water Resources Council, Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies, March 10, 1983.

(d) Office of Personnel Management, FPM Bulletin 591-30.

(e) Office of Personnel Management, FPM 591-32.

f) U.S. Army Corps of Engineers, Engineer Regulation 1165-2-29.

(g) U.S. Army Corps of Engineers, Engineer Regulation 1165-2-121.

(h) U.S. Army Corps of Engineers, Engineer Regulation 1165-2-131.

(i) U.S. Army Corps of Engineers, Engineer Regulation 405-1-12.

[60 FR 5133, Jan. 26, 1995]

§241.4 General policy.

(a) Procedures described herein establish an "ability to pay" test which will be applied to all flood damage reduction projects. As a result of the application of the test, some projects will be cost-shared by the non-Federal interest at a lower level than the standard non-Federal share that would be required under the provisions of section 103 of Pub. L. 99-662, 33 U.S.C. 2213. The "standard share", as used herein, refers to the non-Federal share that would apply to the project before any ability to pay consideration.

(b) Section 103(m) requires that all cost-sharing agreements for flood damage reduction covered by the terms of section 103(a) or 103(b) be subject to the ability to pay test. The test must therefore be applied not only to projects specifically authorized by Congress, but to the continuing authority projects constructed under section 14 of the 1946 Flood Control Act (33 U.S.C. 701r), section 205 of the 1948 Flood Control Act (33 U.S.C. 701s), and section 208 of the 1954 Flood Control Act (33 U.S.C. 701 g), all as amended.

(c) The ability to pay test shall be conducted independently of any analysis of a project sponsor's ability to finance its ultimate share of proposed project costs. The ability to finance is addressed in a statement of financial capability which considers current borrowing constraints, alternative sources of liquidity, etc. It is therefore much more narrowly defined than the ability to pay test, which considers the underlying resource base of the community as a whole. The ability to pay test shall not be used to affect project scope, or to change budgetary priorities among projects competing for scarce Federal funds.

(d) Any reductions in the level of non-Federal cost-sharing as a result of the application of this test will be applied to construction costs only. Operations, maintenance and rehabilitation responsibilities are unaffected by the ability to pay test.

(e) When projects are eligible for credits as outlined in ER 1165-2-29, reference §241.3(e), the ability to pay test will be applied before any adjustments are made for credits. If the ability to pay test results in a lower non-Federal share, the allowable amount of credits will be limited by the lower share.

(f) The test is based on the following principles:(1) Since the standard non-Federal cost-share is substantially less than full costs in every case, the ability to pay test should be structured so that reductions in the level of cost-sharing will be granted in

only a limited number of cases of severe economic hardship.

(2) The test should depend not only on the economic circumstances within a project area, but also on the conditions of the state(s) in which the project area is located. Although states' policies with respect to supporting local interests on flood damage reduction projects are not uniform, the state represents a potential source of financial assistance which should be considered in the analysis.

(3) The alternative level of cost-sharing determined under the ability to pay principle should be governed in part by project benefits. If, as a result of the project, local beneficiaries receive more income, or are required to use fewer resources on flood damage repair or replacement, or on flood insurance, a portion of these resources should be available to pay for the non-Federal share, even in those cases where an analysis of current economic conditions indicates that there are relatively limited resources in the project area and its state.

(4) Since project benefits represent availability of resources in the future, but not the present, project sponsors should be permitted to defer a certain percentage of the non-Federal share whenever current economic circumstances suggest that non-Federal resources may be limited.

(g) The Non-Federal interest may, at its discretion, waive the application of the ability to pay test. In this case, the Non-Federal interest shall be considered to have the ability to pay the standard cost-share and no further economic inquiry will be required.

§241.5 Procedures for estimating the alternative cost-share.

(a) Step one, the benefits test. Determine the maximum possible reduction in the level of non--Federal cost-sharing for any project.

(1) Calculate the ratio of flood damage reduction benefits (developed using the Water Resources Council's Principles and Guidelines -- ref. §241.3(b)) to flood damage reductions costs for the project based on the discount rate which the Corps is currently using to evaluate projects. Costs include operations and maintenance as well as first costs. Divide the result by four. For example, if the project's (or separable element's) benefit-cost ratio is 1.2: 1, the factor for this project equals 0.3. If a project has been authorized for construction without a benefit-cost ratio calculated in accordance with the Principles and Guidelines, determination of the ratio is a prerequisite for consideration under the ability to pay provision.

(2) If the factor determined in §241.5(a)(1), when expressed as a percentage, is greater than the standard level of cost-sharing, the standard level will apply.

(3) If the factor determined in §241.5(a)(1), when expressed as a percentage, is less than the standard level of cost-sharing, projects may be eligible for either a reduction in the non-Federal share to this "benefits based floor" (BBF), or for a partial reduction to a share between the standard level and the BBF, as determined by the procedures in step two, §243.5. In no case however, will the non-Federal cost-share be less than five percent.

(b) Step two, the income test. Projects may qualify for the full amount of the reduction in cost sharing calculated in Step one, or for some fraction of the reduction in cost-sharing, depending on a measure of the current economic resources of the project area and of the state or states in which the project is located.

(1) To assure consistency, the calculations in §241.5(b) (2) and (3) will be performed by HQUSACE and distributed to all FOA's via Engineering Circulars. The information will be updated and distributed to HQUSACE and to the field as soon as new data are available. The procedures may be verified for any single county or state using the sources cited.

(2) For each of the three latest calendar years for which information is available, determine the level of per capita personal income in the state in which the project beneficiaries are located, and compare this to the national average of per capita personal income. Source: Dept. of Commerce, Bureau of Economic Analysis, as published yearly on the Bureau of Economic Analysis's website at: http://www.bea.gov/regional/spi/default.cfm?selTable=summary for states. (If the project beneficiaries are located in Alaska or Hawaii, divide the per capita personal income figure by one plus the percentage used in the Federal Government's cost of living pay differential for Federal workers who purchase local retail and who use private housing, employed in Anchorage, AK or Oahu, HI as contained in References §241.3(c) and (d).) Determine the states' per capita personal income as an index number in comparison to the national average (U.S.=100), and calculate the three year average of the state's index number.

(3) For each of the three latest calendar years for which information is available, determine the level of per capita personal income in the county where the project beneficiaries are located (the "project area"), and compare this to the national average of per capita personal income. Source: Dept. of Commerce, Bureau of Economic Analysis, as published yearly on the Bureau of Economic Analysis's website at http://www.bea.gov/regional/reis/default.cfm#step2 for counties and independent cities. (If the project beneficiaries are located in Alaska or Hawaii, divide the county's per capita personal income figure by one plus the percentage used in the Federal Government's cost of living pay differential for Federal workers who purchase. local retail and who use private housing, employed in Anchorage, AK or Oahu, HI.) Calculate the index for the county's per capita personal income to the national average (U.S.=100), and calculate the three year average of the county's index number.

(4) When the project area, as determined by the location of the project's beneficiaries, includes more than one county, calculate a composite project area index by taking a weighted average of the county index numbers, the weights being equal to the relative levels of benefits received in each county. When the project area includes more than one state, the state index for the project should be calculated using the same weighting technique.

(5) Calculate an "Eligibility Factor" for the project according to the following formula:
$EF = a - b_1 \times (\text{state factor}) - b_2 \times (\text{area factor})$.
If EF is one or more, the project is eligible for the full reduction in cost-share to the benefits based floor. If EF is zero or less, the project is not eligible for a reduction. If EF is between zero and one, the non-Federal cost-share will be reduced proportionately to an amount which is greater than the BBF but less than the standard non-Federal cost-share in accordance with the procedures described in paragraph §241.5(c) of this part. The values of a, b_1 and b_2 will be determined by HQUSACE. The parameter values will be based on the latest available data and set so that 20 percent of counties have an EF of 1.0 or more, while 66.7 percent have an EF of 0 or less. These values will be adjusted periodically as new information becomes available. Changes will be published in Economic Guidance Memorandum. The values will be set so that $b_2=2^x b_l$, giving local income twice the weight of state income.

(6) Since estimates (available from the Bureau of Economic Analysis) of per capita personal income for Puerto Rico, Guam and other U.S. territories are well below the national average, the eligibility factor for projects in these areas is administratively established to be equal to 1.

(7) For flood damage reduction projects sponsored by Native American tribes or villages, the EF shall be calculated using information on tribe or village income as a replacement factor for both the area and state factor (that is multiply the replacement income factor by both b1 and b2 and subtract each from a in the equation in §241.5(b)(5)). The replacement factor will be tribe or village income as a percentage of the national average for the equivalent definition of income (for example a Tribe's median family income as a percentage of the median family income for all U.S. families). The data should be the latest available information. It is acceptable, but not required that the data be obtained from the Bureau of the Census, American Indians, Eskimos and Aleuts on Identified Reservations and in Historic Areas of Oklahoma (Excluding Urbanized Areas), part 1, Table 10, or General Social and Economic Characteristics -- United States Summary (1980), Table 252. Since both sources contain information for Native Americans living on reservations, rather than all Tribe or Village members, the sources should be used only when appropriate, or when no better information is available.

(c) Application of the Ability to Pay Formula to the Basic Cost-sharing Provisions of Section 103. If a flood damage reduction project has a BBF which is less than the standard cost-share and an EF which is greater than zero, the non-Federal cost-share will be reduced. The alternative non-Federal share will be calculated and reported to the nearest one tenth of one percent. The actual reduction is determined by applying the ability to pay formula to the basic flood damage reduction cost sharing provisions of section 103 of Pub. L. 99-662, 33 U.S.C. 2213, as follows:

(1) When EF ≥ 1, non-Federal cost-share = BBF

(2) For structural projects covered by section 103(a), when 0 < EF < 1:

(i) If LERRD equals or exceeds 45 percent: non-Federal cost-share = 50 - EF x (50 - BBF)

(ii) If LERRD exceeds 20 percent but is less than 45 percent: non-Federal cost-share = (LERRD + 5) - EF x [(LERRD + 5) - BBF]

(iii) If LERRD is less than 20 percent:

non-Federal cost-share = 25 - EF x (25 - BBF)

(3) For non-structural projects covered by section I 03(b), when 0 < EF < 1:

non-Federal cost-share = 35- EF x (35-BBF)

(4) In no case, however, can the non-Federal share be less than five percent, even if the calculation made in §241.5(c) (1), (2), or (3) results in a smaller number.

(5) NOTE: LERRD equals the costs of lands, easements, rights-of-way, relocations, and dredged material disposal areas expressed as a percentage of total project costs. The BBF and numerical terms in the equations above are also expressed as percentages.

(d) Additional consideration for high cost projects. For any project where the normal non-Federal share exceeds 35 percent, and the per capita non-Federal cost (i.e., normal non-Federal share of total construction costs divided by the population in the sponsor's geographic jurisdiction) exceeds

$300, the non-Federal share under the ability to pay provision will be either LERRD's (i.e., no cash requirement) or 35 percent, whichever is greater. If LERRD's exceed 50 percent, the non-Federal share remains at 50 percent. Projects which qualify under the benefits and income tests will receive the reduction under the high cost criteria only if the high cost criteria results in a greater reduction in the non-Federal cost share.

[54 FR 40581, Oct. 2, 1989, as amended at 60 FR 5134, Jan. 26, 1995]

§241.6 Deferred payments for certain qualifying projects.

(a) Whenever a project's Eligibility Factor exceeds zero, the project sponsor will be permitted to defer a portion of its share of flood damage reduction costs. The maximum allowable amount deferred equals the total non-Federal share less (for structural projects) five percent of total project costs and less (for all projects) any amounts for LERRD paid for or acquired by the sponsor prior to the time the PCA is signed. If for example, the non-Federal share of a structural project = 35.0 percent (after the ability to pay adjustment, if any) of which 10 percent is LERRD already paid for by the local sponsor, the maximum allowable amount to be deferred = 20 percent of project flood damage reduction costs (35 less the 5 percent cash requirements, less the 10 percent LERRD already acquired). Deferred payments at the option of the sponsor will be allowed regardless of the outcome of the benefits test described in §241.5(a) whenever the Eligibility Factor exceeds zero.

(b) When EF ≥ 1, the project sponsor may defer as much as the maximum allowable amount as described in §241.6(a).

(c) When 0 < EF < 1, the sponsor may defer a fraction of the maximum allowable amount described in §241.6(a), where the fraction equals the Eligibility Factor expressed to three decimal places. Continuing the example described in §241.6(a), if EF = .712, total allowed deferral equals .712 x 20 percent = 14.2 percent of total project costs.

(d) The deferred payment can be made in equal installments over any period of time selected by the non-Federal sponsor, provided that all repayments are made between the end of construction and thirty years thereafter. The amount repaid shall include interest during the repayment period as well as interest for the appropriate portion of the construction period for any amounts deferred prior to the end of construction. The rate of interest shall be determined in accordance with the provisions of section 106 of Pub. 1. 99-662, 33 U.S.C. 2216.

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§241.7 Application of test.

(a) A preliminary ability to pay test will be applied during the study phase of any proposed project. If the ability to pay cost-share is lower than the standard share, the revised estimated cost-share will be used for budgetary and other planning purposes.

(b) The official application of the ability to pay test will be made at the time the Project Partnership Agreements (PPAs) between the Corps of Engineers and the Non-Federal sponsor is signed. For structural flood damage reduction projects, the standard level of cost-sharing will not be known until the end of the project (since the standard level, as specified in section 103(a), 33 U.S.C. 2213, includes LERRD). In this case, if the Eligibility Factor is greater than zero but less than one, the ability to pay non-Federal share will be determined using estimated costs.

(c) The PCA for all projects subject to the ability to pay test will include a "whereas" clause indicating the results of the test. If the project is eligible for a lower non-Federal share:

(1) The revised share will be specified in the PCA (there will be no recalculation of this share once the PCA is signed).

(2) An exhibit attached to the Project Cooperation Agreement (PCA) will include the Benefits Based Floor (BBF) determined in §241.5(a): the Eligibility Factor (EF) determined in §241.5(b):
If the Eligibility Factor is greater than zero but less than one, the estimated standard non-Federal share; the formula used in determining the ability to pay share as described in §241.5(c)(1) through (c)(4); and a display of the non-Federal cost share under the high cost criteria described in §241.5(d).

(d) If at the time of project completion, the standard non-Federal share based on actual costs is less than the ability to pay share specified in the PCA, the standard share will apply.

(e) For structural projects. (1) If the standard LERRD plus cash requirement exceeds the ability to pay cost-share, the Federal Government will make any necessary adjustments in expenditures in the following order: First, paying any cash requirement in excess of five percent of total project costs (if any) that would, under standard cost-sharing, have been the responsibility of the non-Federal sponsor; second, making payments for LERRD; and third, providing for reimbursement at the end of construction. Federal payments for LERRD will be made only after the non-Federal payment for LERRD reaches a percentage of total project costs equal to the ability to pay non-Federal cost-share less the five percent cash requirement. If such arrangements are necessary, the PCA should be prepared to reflect agreement on the best manner available for acquisition of those LERRD over the limiting percentage, or for reimbursing the sponsor upon completion of construction.

(2) The non-Federal sponsor will be required to provide a cash payment equal to the minimum of five percent of estimated project costs, regardless of the outcome of the ability to pay test, unless any or all of the five percent cash requirement is waived by application of the high cost criteria described in §241.5(d). The project sponsor shall make cash payments during construction at a rate such that the amount of non-Federal payments in each year, as a percentage of total non-Federal cash payments, equals the amount of Federal expenditures (including sunk preconstruction engineering and design costs as a first year Federal construction expenditure) as a percentage of total Federal expenditures. Total Federal expenditures include cash payments for construction and if necessary (due to ability to pay considerations), for LERRD, and for reimbursement to the non-Federal sponsor. Total Federal expenditures for the purpose of this calculation; do not include expenditures which allow the non-Federal sponsor to defer payment of the non-Federal share under the provisions of this rule.

(f) For non-structural projects, reductions in the non-Federal cost-share as a result of the ability to pay test will not affect the procedures for determining the non-Federal and Federal payment schedules. For non-structural projects, no specific cash payments during construction are required by law.

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(An additional URL for retrieval of the Ability-To-Pay procedures from the Code of Federal Regulations (CFR)
http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&rgn=div5&view=text&node=33:3.0.1.1.18&idno=33