



REPLY TO
ATTENTION OF

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

CECW-P

21 August, 2012

MEMORANDUM FOR PLANNING COMMUNITY OF PRACTICE

SUBJECT: Economic Guidance Memorandum, 12-04, 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 Bruce Carlson CECW-PB at bruce.d.carlson@usace.army.mil or by telephone at (202) 761-4703.

A handwritten signature in cursive script, appearing to read "Harry E. Kitch".

Harry E. Kitch, P.E.
Deputy, Planning Community of Practice
Directorate of Civil Works

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



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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. {Available at <http://www.fws.gov/habitatconservation/Omnibus/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://thomas.loc.gov/cgi-bin/query/F?c102:1:./temp/~c102bjvuLk:e93384>

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&rqn=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)(I) 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 2006 to 2008. 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:

$$EF = a - b_1 \times (\text{state income index}) - b_2 \times (\text{county income index})$$

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:

$$a = 19.69$$

$$b_1 = .083$$

$$b_2 = .166$$

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, 2008-2010							
State		Personal Income Average	Average as a Percent of US	State		Personal Income Average	Average as a Percent of US
United States		\$39,913	100.00%	Oregon	OR	\$36,466	91.36%
Alabama	AL	\$33,376	83.62%	Pennsylvania	PA	\$40,230	100.79%
Alaska	AK	\$44,080	110.44%	Rhode Island	RI	\$41,540	104.08%
Arizona	AZ	\$34,855	87.33%	South Carolina	SC	\$32,356	81.07%
Arkansas	AR	\$32,494	81.41%	South Dakota	SO	\$39,380	98.66%
California	CA	\$42,641	106.84%	Tennessee	TN	\$34,628	86.76%
Colorado	CO	\$42,569	106.65%	Texas	TX	\$37,956	95.10%
Connecticut	CT	\$55,118	138.10%	Utah	UT	\$32,798	82.17%
Delaware	DE	\$39,613	99.25%	Vermont	VT	\$39,450	98.84%
District of Columbia	DC	\$69,491	174.11%	Virginia	VA	\$44,040	110.34%
Florida	FL	\$38,522	96.52%	Washington	WA	\$42,821	107.29%
Georgia	GA	\$34,915	87.48%	West Virginia	WV	\$31,461	78.82%
Hawaii	HI	\$41,283	103.43%	Wisconsin	WI	\$37,752	94.58%
Idaho	ID	\$32,042	80.28%	Wyoming	WY	\$45,857	114.89%
Illinois	IL	\$42,204	105.74%				
Indiana	IN	\$34,098	85.43%				
Iowa	IA	\$37,824	94.77%				
Kansas	KS	\$39,236	98.30%				
Kentucky	KY	\$32,286	80.89%				
Louisiana	LA	\$37,041	92.80%				
Maine	ME	\$36,403	91.21%				
Maryland	MD	\$48,533	121.60%				
Massachusetts	MA	\$51,005	127.79%				
Michigan	MI	\$34,496	86.43%				
Minnesota	MN	\$42,511	106.51%				
Mississippi	MS	\$30,667	76.83%				
Missouri	MO	\$36,982	92.66%				
Montana	MT	\$34,693	86.92%				
Nebraska	NE	\$39,574	99.15%				
Nevada	NV	\$37,754	94.59%				
New Hampshire	NH	\$43,408	108.76%				
New Jersey	NJ	\$50,954	127.66%				
New Mexico	NM	\$33,089	82.90%				
New York	NY	\$48,173	120.69%				
North Carolina	NC	\$34,942	87.54%				
North Dakota	ND	\$41,104	102.98%				
Ohio	OH	\$35,906	89.96%				
Oklahoma	OK	\$35,697	89.44%				

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 (2008-2010)

County(or area)	3-Year Average Index
Alabama	
Autauga	76.80
Baldwin	88.62
Barbour	65.16
Bibb	57.57
Blount	66.10
Bullock	55.33
Butler	69.32
Calhoun	77.26
Chambers	66.40
Cherokee	65.52
Chilton	68.25
Choctaw	71.52
Clarke	74.79
Clay	66.11
Cleburne	69.86
Coffee	88.05
Colbert	75.58
Conecuh	67.43
Coosa	60.49
Covington	71.45
Crenshaw	76.35
Cullman	75.47
Dale	74.53
Dallas	68.94
DeKalb	64.44
Elmore	80.62
Escambia	65.42
Etowah	75.83
Fayette	65.65
Franklin	64.19
Geneva	73.78
Greene	77.17
Hale	74.31
Henry	71.93
Houston	86.24
Jackson	73.09
Jefferson	105.80
Lamar	63.71

Lauderdale	76.22
Lawrence	71.16
Lee	70.64
Limestone	79.11
Lowndes	75.70
Macon	66.17
Madison	99.98
Marengo	77.95
Marion	64.89
Marshall	75.53
Mobile	77.85
Monroe	67.74
Montgomery	95.46
Morgan	80.42
Perry	64.92
Pickens	70.12
Pike	79.95
Randolph	64.95
Russell	72.54
St. Clair	75.64
Shelby	107.86
Sumter	60.02
Talladega	72.94
Tallapoosa	74.52
Tuscaloosa	83.22
Walker	79.89
Washington	67.10
Wilcox	59.57
Winston	63.55
Alaska	
Aleutians East Borough	66.86
Aleutians West Census Area	73.95
Anchorage Municipality	123.34
Bethel Census Area	78.11
Bristol Bay Borough	119.36
Denali Borough	142.08

Dillingham Census Area	95.67
Fairbanks North Star Borough	102.37
Haines Borough	146.84
Hoonah-Angoon Census Area	90.02
Juneau City and Borough	122.93
Kenai Peninsula Borough	101.24
Ketchikan Gateway Borough	127.47
Kodiak Island Borough	101.57
Lake and Peninsula Borough	89.01
Matanuska-Susitna Borough	100.59
Nome Census Area	86.92
North Slope Borough	125.26
Northwest Arctic Borough	83.76
Petersburg Census Area	107.73
Prince of Wales-Hyder Census Area	77.17
Prince of Wales-Outer Ketchikan Census Area	76.29
Sitka City and Borough	104.40

Skagway-Hoonah-Angoon Census Area	142.62
Southeast Fairbanks Census Area	108.26
Valdez-Cordova Census Area	110.53
Wade Hampton Census Area	53.77
Wrangell City and Borough	83.67
Wrangell-Petersburg Census Area	99.71
Yakutat City and Borough	102.48
Yukon-Koyukuk Census Area	84.54
Arizona	
Apache	62.76
Cochise	86.51
Coconino	86.28
Gila	78.00
Graham	62.00
Greenlee	81.89
La Paz	66.77
Maricopa	94.74
Mohave	64.67
Navajo	62.08
Pima	88.12
Pinal	59.53
Santa Cruz	61.65
Yavapai	75.27
Yuma	65.91
Arkansas	
Arkansas	97.41
Ashley	78.29
Baxter	79.37
Benton	88.42
Boone	74.38
Bradley	70.56
Calhoun	69.45
Carroll	67.10
Chicot	76.46

Clark	72.72
Clay	72.61
Cleburne	82.90
Cleveland	79.71
Columbia	79.81
Conway	78.66
Craighead	78.78
Crawford	66.75
Crittenden	76.89
Cross	73.26
Dallas	73.81
Desha	77.00
Drew	73.40
Faulkner	78.35
Franklin	73.87
Fulton	64.04
Garland	85.46
Grant	78.42
Greene	69.54
Hempstead	67.21
Hot Spring	65.65
Howard	70.51
Independence	77.19
Izard	63.29
Jackson	76.80
Jefferson	75.48
Johnson	61.46
Lafayette	66.16
Lawrence	66.60
Lee	67.72
Lincoln	61.60
Little River	72.12
Logan	65.13
Lonoke	78.84
Madison	58.00
Marion	64.35
Miller	79.21
Mississippi	72.06
Monroe	73.89
Montgomery	59.64
Nevada	71.18
Newton	60.19
Ouachita	73.10
Perry	75.90
Phillips	74.84
Pike	71.48
Poinsett	72.47
Polk	59.83

Pope	70.24
Prairie	78.43
Pulaski	109.15
Randolph	65.87
St. Francis	62.03
Saline	91.40
Scott	58.17
Searcy	61.59
Sebastian	94.44
Sevier	59.54
Sharp	60.95
Stone	65.49
Union	104.41
Van Buren	66.97
Washington	80.59
White	71.86
Woodruff	72.52
Yell	64.63
California	
Alameda	121.18
Alpine	103.44
Amador	89.09
Butte	80.50
Calaveras	86.57
Colusa	105.71
Contra Costa	140.47
Del Norte	66.27
El Dorado	121.45
Fresno	76.87
Glenn	81.61
Humboldt	80.93
Imperial	68.83
Inyo	90.78
Kern	73.08
Kings	65.04
Lake	80.76
Lassen	66.94
Los Angeles	104.42
Madera	65.08
Marin	215.66
Mariposa	81.25
Mendocino	87.91
Merced	67.14
Modoc	83.30
Mono	99.44
Monterey	102.56
Napa	125.38
Nevada	108.17

Orange	126.51
Placer	119.01
Plumas	95.20
Riverside	74.39
Sacramento	94.94
San Benito	88.41
San Bernardino	74.25
San Diego	114.62
San Francisco	176.03
San Joaquin	76.93
San Luis Obispo	98.03
San Mateo	170.74
Santa Barbara	111.06
Santa Clara	144.08
Santa Cruz	119.88
Shasta	86.84
Sierra	81.40
Siskiyou	83.25
Solano	95.85
Sonoma	112.04
Stanislaus	77.27
Sutter	83.01
Tehama	65.05
Trinity	72.00
Tulare	69.07
Tuolumne	88.52
Ventura	112.89
Yolo	91.90
Yuba	71.80
Colorado	
Adams	81.57
Alamosa	80.78
Arapahoe	122.36
Archuleta	77.76
Baca	95.56
Bent	56.05
Boulder	127.93
Broomfield	95.91
Chaffee	79.62
Cheyenne	122.61
Clear Creek	136.37
Conejos	58.21
Costilla	65.47
Crowley	40.10
Custer	84.13
Delta	74.40
Denver	129.35

Dolores	65.01
Douglas	160.14
Eagle	124.13
Elbert	110.61
El Paso	95.26
Fremont	66.58
Garfield	98.02
Gilpin	106.75
Grand	94.42
Gunnison	85.04
Hinsdale	95.74
Huerfano	74.63
Jackson	102.33
Jefferson	114.91
Kiowa	107.94
Kit Carson	88.14
Lake	72.21
La Plata	107.61
Larimer	96.84
Las Animas	76.24
Lincoln	70.05
Logan	84.69
Mesa	88.96
Mineral	104.47
Moffat	96.51
Montezuma	82.97
Montrose	77.29
Morgan	76.09
Otero	75.50
Ouray	114.23
Park	85.88
Phillips	89.19
Pitkin	205.24
Prowers	80.78
Pueblo	74.72
Rio Blanco	105.37
Rio Grande	83.69
Routt	126.67
Saguache	56.52
San Juan	78.37
San Miguel	124.81
Sedgwick	114.70
Summit	110.34
Teller	100.05
Washington	85.33
Weld	72.54
Yuma	94.75
Connecticut	

Fairfield	185.65
Hartford	127.70
Litchfield	126.87
Middlesex	131.30
New Haven	116.76
New London	114.40
Tolland	111.72
Windham	93.25
Delaware	
Kent	79.69
New Castle	110.94
Sussex	86.25
District of Columbia	
District of Columbia	175.19
Florida	
Alachua	87.25
Baker	63.23
Bay	89.92
Bradford	68.04
Brevard	93.00
Broward	104.73
Calhoun	54.17
Charlotte	87.44
Citrus	79.01
Clay	82.61
Collier	151.13
Columbia	67.48
DeSoto	57.09
Dixie	50.65
Duval	97.83
Escambia	86.67
Flagler	79.23
Franklin	70.23
Gadsden	68.02
Gilchrist	72.79
Glades	54.55
Gulf	63.85
Hamilton	47.68
Hardee	59.44
Hendry	66.65
Hernando	73.39
Highlands	70.75
Hillsborough	92.71
Holmes	62.51
Indian River	131.68
Jackson	67.14
Jefferson	70.91

Lafayette	46.94
Lake	82.23
Lee	103.02
Leon	87.98
Levy	62.66
Liberty	58.43
Madison	59.54
Manatee	98.60
Marion	78.15
Martin	135.15
Miami-Dade	91.44
Monroe	148.86
Nassau	108.22
Okaloosa	102.36
Okeechobee	65.42
Orange	87.35
Osceola	64.52
Palm Beach	136.70
Pasco	75.34
Pinellas	106.12
Polk	79.66
Putnam	65.85
St. Johns	123.81
St. Lucie	73.87
Santa Rosa	85.76
Sarasota	134.35
Seminole	102.99
Sumter	62.22
Suwannee	67.26
Taylor	63.24
Union	45.26
Volusia	81.06
Wakulla	72.00
Walton	75.96
Washington	58.92
Georgia	
Appling	64.12
Atkinson	54.18
Bacon	60.90
Baker	79.68
Baldwin	68.18
Banks	72.55
Barrow	73.41
Bartow	68.96
Ben Hill	65.72
Berrien	68.15
Bibb	87.21
Bleckley	71.02

Brantley	56.29
Brooks	73.00
Bryan	97.26
Bulloch	61.76
Burke	65.18
Butts	64.08
Calhoun	54.19
Camden	74.48
Candler	61.48
Carroll	70.84
Catoosa	70.59
Charlton	46.55
Chatham	98.79
Chattahoochee	80.73
Chattooga	56.94
Cherokee	88.85
Clarke	63.85
Clay	72.52
Clayton	64.28
Clinch	59.40
Cobb	112.01
Coffee	60.54
Colquitt	66.59
Columbia	101.73
Cook	60.29
Coweta	82.03
Crawford	73.07
Crisp	63.92
Dade	65.40
Dawson	82.23
Decatur	69.24
DeKalb	99.30
Dodge	56.23
Dooley	50.36
Dougherty	70.14
Douglas	73.36
Early	82.03
Echols	57.23
Effingham	82.45
Elbert	71.01
Emanuel	64.57
Evans	68.69
Fannin	70.23
Fayette	111.25
Floyd	79.96
Forsyth	97.50
Franklin	70.45
Fulton	141.37

Gilmer	71.65
Glascocock	55.35
Glynn	92.32
Gordon	67.62
Grady	67.04
Greene	90.78
Gwinnett	81.72
Habersham	67.77
Hall	77.59
Hancock	51.28
Haralson	71.08
Harris	110.77
Hart	65.20
Heard	66.17
Henry	74.14
Houston	82.93
Irwin	66.68
Jackson	74.13
Jasper	71.89
Jeff Davis	58.46
Jefferson	63.34
Jenkins	58.57
Johnson	49.09
Jones	79.57
Lamar	66.10
Lanier	59.38
Laurens	73.15
Lee	94.16
Liberty	66.35
Lincoln	68.62
Long	53.70
Lowndes	75.44
Lumpkin	67.16
McDuffie	75.15
McIntosh	55.71
Macon	55.45
Madison	73.02
Marion	66.16
Meriwether	64.48
Miller	79.12
Mitchell	64.53
Monroe	91.80
Montgomery	61.69
Morgan	89.41
Murray	61.96
Muscogee	95.18
Newton	62.52
Oconee	126.05

Oglethorpe	75.17
Paulding	82.91
Peach	71.37
Pickens	88.98
Pierce	66.99
Pike	74.74
Polk	64.32
Pulaski	65.97
Putnam	81.06
Quitman	63.64
Rabun	75.31
Randolph	67.18
Richmond	73.97
Rockdale	80.50
Schley	56.10
Screven	67.91
Seminole	80.23
Spalding	69.38
Stephens	74.79
Stewart	58.63
Sumter	69.12
Talbot	60.29
Taliaferro	68.11
Tattnall	60.47
Taylor	61.92
Telfair	41.45
Terrell	74.90
Thomas	84.39
Tift	71.45
Toombs	74.72
Towns	87.89
Treutlen	59.52
Troup	74.63
Turner	68.64
Twiggs	73.66
Union	76.60
Upson	66.49
Walker	65.63
Walton	80.96
Ware	64.57
Warren	63.75
Washington	72.44
Wayne	68.68
Webster	61.32
Wheeler	44.90
White	63.55
Whitfield	71.15
Wilcox	58.66

Wilkes	69.60
Wilkinson	69.11
Worth	76.81
Hawaii	
Hawaii	78.00
Honolulu	111.76
Kauai	88.13
Maui + Kalawao	87.77
Idaho	
Ada	98.27
Adams	68.67
Bannock	71.36
Bear Lake	70.75
Benewah	76.04
Bingham	65.87
Blaine	163.31
Boise	87.52
Bonner	77.20
Bonneville	87.00
Boundary	63.44
Butte	83.74
Camas	89.02
Canyon	57.07
Caribou	79.15
Cassia	79.70
Clark	101.05
Clearwater	72.38
Custer	81.36
Elmore	83.57
Franklin	66.12
Fremont (includes Yellowstone Park)	59.24
Gem	68.05
Gooding	88.00
Idaho	67.83
Jefferson	65.02
Jerome	74.03
Kootenai	80.84
Latah	76.87
Lemhi	74.94
Lewis	98.19
Lincoln	69.80
Madison	46.13
Minidoka	72.24
Nez Perce	87.91
Oneida	66.31
Owyhee	71.18

Payette	66.17
Power	66.14
Shoshone	76.91
Teton	66.29
Twin Falls	77.82
Valley	86.06
Washington	66.79
Illinois	
Adams	91.78
Alexander	61.72
Bond	82.62
Boone	78.76
Brown	63.21
Bureau	90.50
Calhoun	80.06
Carroll	83.58
Cass	80.79
Champaign	84.69
Christian	88.35
Clark	82.62
Clay	79.32
Clinton	92.22
Coles	77.97
Cook	114.10
Crawford	87.49
Cumberland	82.12
DeKalb	77.24
De Witt	90.66
Douglas	88.54
DuPage	136.04
Edgar	82.19
Edwards	74.64
Effingham	89.26
Fayette	66.36
Ford	102.75
Franklin	70.26
Fulton	81.27
Gallatin	82.30
Greene	72.85
Grundy	84.38
Hamilton	77.79
Hancock	84.12
Hardin	66.25
Henderson	83.30
Henry	88.08
Iroquois	90.74
Jackson	78.64
Jasper	82.28

Jefferson	79.11
Jersey	89.14
Jo Daviess	98.65
Johnson	60.72
Kane	90.48
Kankakee	80.80
Kendall	85.72
Knox	81.14
Lake	138.22
La Salle	87.55
Lawrence	69.94
Lee	81.40
Livingston	99.13
Logan	80.94
McDonough	76.23
McHenry	99.49
McLean	99.75
Macon	98.18
Macoupin	85.55
Madison	91.69
Marion	79.26
Marshall	97.80
Mason	91.14
Massac	74.44
Menard	96.44
Mercer	93.11
Monroe	104.93
Montgomery	77.72
Morgan	82.11
Moultrie	87.10
Ogle	83.67
Peoria	105.75
Perry	62.17
Piatt	110.52
Pike	76.44
Pope	64.95
Pulaski	74.29
Putnam	94.62
Randolph	69.77
Richland	74.65
Rock Island	96.27
St. Clair	88.76
Saline	78.61
Sangamon	103.79
Schuyler	82.89
Scott	80.73
Shelby	80.52
Stark	92.07

Stephenson	88.14
Tazewell	97.42
Union	74.83
Vermilion	77.29
Wabash	81.03
Warren	82.12
Washington	91.65
Wayne	79.43
White	88.19
Whiteside	87.35
Will	100.12
Williamson	80.80
Winnebago	82.99
Woodford	101.33
Indiana	
Adams	69.92
Allen	85.37
Bartholomew	91.47
Benton	92.58
Blackford	71.39
Boone	123.01
Brown	85.99
Carroll	79.08
Cass	76.27
Clark	82.14
Clay	71.99
Clinton	75.34
Crawford	66.48
Daviess	78.00
Dearborn	86.63
Decatur	81.74
De Kalb	75.74
Delaware	73.55
Dubois	97.97
Elkhart	76.69
Fayette	69.69
Floyd	98.40
Fountain	78.98
Franklin	84.97
Fulton	75.85
Gibson	82.26
Grant	76.26
Greene	75.66
Hamilton	122.51
Hancock	101.50
Harrison	77.53
Hendricks	86.75
Henry	70.58

Howard	78.64
Huntington	78.11
Jackson	79.38
Jasper	85.81
Jay	70.07
Jefferson	72.50
Jennings	73.81
Johnson	88.56
Knox	85.40
Kosciusko	86.94
Lagrange	53.63
Lake	84.22
La Porte	76.25
Lawrence	74.75
Madison	72.92
Marion	93.59
Marshall	72.98
Martin	78.59
Miami	63.80
Monroe	75.27
Montgomery	80.48
Morgan	90.77
Newton	75.60
Noble	68.52
Ohio	82.83
Orange	72.17
Owen	72.26
Parke	67.94
Perry	71.86
Pike	74.08
Porter	102.43
Posey	96.56
Pulaski	81.84
Putnam	73.33
Randolph	76.14
Ripley	72.43
Rush	88.30
St. Joseph	86.38
Scott	66.97
Shelby	85.25
Spencer	81.07
Starke	63.40
Steuben	72.59
Sullivan	69.65
Switzerland	67.59
Tippecanoe	74.83
Tipton	89.83
Union	79.98

Vanderburgh	91.92
Vermillion	81.40
Vigo	76.06
Wabash	79.46
Warren	82.16
Warrick	99.16
Washington	69.70
Wayne	73.30
Wells	78.91
White	80.64
Whitley	79.57
Iowa	
Adair	89.33
Adams	93.22
Allamakee	77.52
Appanoose	69.60
Audubon	106.02
Benton	96.62
Black Hawk	88.97
Boone	95.90
Bremer	95.15
Buchanan	83.52
Buena Vista	91.50
Butler	94.55
Calhoun	100.81
Carroll	98.66
Cass	96.53
Cedar	95.97
Cerro Gordo	95.38
Cherokee	101.40
Chickasaw	91.61
Clarke	73.77
Clay	100.15
Clayton	81.58
Clinton	89.72
Crawford	91.70
Dallas	110.72
Davis	62.65
Decatur	60.55
Delaware	85.48
Des Moines	90.75
Dickinson	105.67
Dubuque	90.59
Emmet	84.90
Fayette	78.49
Floyd	85.48
Franklin	97.85
Fremont	100.34

Greene	98.55
Grundy	108.40
Guthrie	96.16
Hamilton	96.01
Hancock	95.08
Hardin	96.05
Harrison	96.27
Henry	78.89
Howard	85.75
Humboldt	96.08
Ida	115.45
Iowa	94.06
Jackson	81.46
Jasper	80.62
Jefferson	77.90
Johnson	98.82
Jones	76.53
Keokuk	84.06
Kossuth	112.72
Lee	78.47
Linn	102.11
Louisa	80.30
Lucas	68.49
Lyon	95.94
Madison	90.33
Mahaska	85.02
Marion	83.50
Marshall	86.95
Mills	107.61
Mitchell	95.49
Monona	94.00
Monroe	86.10
Montgomery	87.25
Muscatine	90.14
O'Brien	98.85
Osceola	98.09
Page	79.69
Palo Alto	97.83
Plymouth	103.03
Pocahontas	104.06
Polk	107.36
Pottawattamie	89.96
Poweshiek	95.83
Ringgold	69.69
Sac	103.08
Scott	107.42
Shelby	104.71
Sioux	91.96

Story	88.06
Tama	87.56
Taylor	88.22
Union	79.25
Van Buren	69.46
Wapello	76.97
Warren	95.25
Washington	94.66
Wayne	67.58
Webster	87.74
Winnebago	84.33
Winneshiek	89.74
Woodbury	84.99
Worth	86.28
Wright	104.86
Kansas	
Allen	82.94
Anderson	79.24
Atchison	73.04
Barber	92.38
Barton	95.92
Bourbon	75.33
Brown	90.85
Butler	92.06
Chase	119.53
Chautauqua	84.50
Cherokee	81.73
Cheyenne	83.32
Clark	82.16
Clay	105.54
Cloud	82.34
Coffey	108.12
Comanche	82.13
Cowley	77.23
Crawford	75.01
Decatur	99.54
Dickinson	87.57
Doniphan	78.61
Douglas	84.87
Edwards	111.86
Elk	75.01
Ellis	99.44
Ellsworth	81.36
Finney	77.78
Ford	78.12
Franklin	84.40
Geary	104.86
Gove	104.55

Graham	114.33
Grant	90.80
Gray	99.65
Greeley	120.87
Greenwood	78.28
Hamilton	85.13
Harper	103.87
Harvey	92.87
Haskell	112.07
Hodgeman	88.82
Jackson	84.42
Jefferson	80.15
Jewell	97.71
Johnson	137.87
Kearny	80.49
Kingman	100.53
Kiowa	108.35
Labette	83.64
Lane	99.46
Leavenworth	85.59
Lincoln	87.90
Linn	76.31
Logan	105.08
Lyon	70.67
McPherson	97.74
Marion	82.60
Marshall	99.34
Meade	95.76
Miami	100.20
Mitchell	96.15
Montgomery	78.66
Morris	82.54
Morton	103.97
Nemaha	97.74
Neosho	77.29
Ness	116.93
Norton	87.07
Osage	76.35
Osborne	94.84
Ottawa	77.41
Pawnee	83.76
Phillips	95.53
Pottawatomie	89.47
Pratt	97.87
Rawlins	117.37
Reno	80.81
Republic	85.97
Rice	74.53

Riley	105.90
Rooks	79.86
Rush	88.68
Russell	84.27
Saline	99.23
Scott	83.51
Sedgwick	95.95
Seward	74.12
Shawnee	95.15
Sheridan	123.42
Sherman	98.45
Smith	95.78
Stafford	93.98
Stanton	103.86
Stevens	87.30
Sumner	93.37
Thomas	90.21
Trego	91.32
Wabaunsee	84.43
Wallace	120.11
Washington	79.85
Wichita	96.12
Wilson	80.68
Woodson	68.71
Wyandotte	69.80
Kentucky	
Adair	60.43
Allen	64.60
Anderson	74.82
Ballard	86.77
Barren	69.06
Bath	60.52
Bell	61.85
Boone	85.08
Bourbon	78.46
Boyd	80.49
Boyle	74.84
Bracken	72.25
Breathitt	67.18
Breckinridge	64.51
Bullitt	72.61
Butler	61.31
Caldwell	73.60
Calloway	71.13
Campbell	90.53
Carlisle	72.86
Carroll	81.81
Carter	59.74

Casey	58.91
Christian	76.62
Clark	82.42
Clay	55.86
Clinton	61.93
Crittenden	64.65
Cumberland	62.31
Daviess	84.29
Edmonson	61.14
Elliott	46.28
Estill	57.57
Fayette	96.29
Fleming	60.90
Floyd	72.34
Franklin	87.41
Fulton	70.03
Gallatin	65.71
Garrard	63.23
Grant	69.41
Graves	71.53
Grayson	59.91
Green	61.20
Greenup	82.96
Hancock	70.17
Hardin	84.95
Harlan	66.30
Harrison	69.64
Hart	58.33
Henderson	77.42
Henry	73.90
Hickman	88.56
Hopkins	76.24
Jackson	47.32
Jefferson	100.33
Jessamine	75.14
Johnson	66.89
Kenton	97.53
Knott	63.86
Knox	62.71
Larue	82.30
Laurel	65.03
Lawrence	61.68
Lee	55.04
Leslie	66.63
Letcher	68.13
Lewis	50.37
Lincoln	59.69
Livingston	77.49

Logan	72.72
Lyon	67.75
McCracken	94.79
McCreary	49.64
McLean	78.17
Madison	67.85
Magoffin	58.87
Marion	66.21
Marshall	78.41
Martin	60.22
Mason	77.09
Meade	81.78
Menifee	53.18
Mercer	73.32
Metcalfe	54.96
Monroe	61.45
Montgomery	66.47
Morgan	51.62
Muhlenberg	65.49
Nelson	79.04
Nicholas	68.61
Ohio	69.45
Oldham	104.38
Owen	62.56
Owsley	58.78
Pendleton	66.62
Perry	75.85
Pike	76.96
Powell	62.81
Pulaski	69.26
Robertson	63.06
Rockcastle	55.92
Rowan	61.64
Russell	66.80
Scott	82.27
Shelby	83.68
Simpson	75.32
Spencer	75.58
Taylor	69.71
Todd	71.83
Trigg	87.46
Trimble	56.64
Union	80.60
Warren	75.98
Washington	64.95
Wayne	55.62
Webster	75.85
Whitley	69.98

Wolfe	54.29
Woodford	103.25
Louisiana	
Acadia	79.87
Allen	59.82
Ascension	95.42
Assumption	84.41
Avoyelles	70.15
Beauregard	71.92
Bienville	71.74
Bossier	85.80
Caddo	97.49
Calcasieu	88.27
Caldwell	70.24
Cameron	85.40
Catahoula	68.73
Claiborne	70.44
Concordia	65.18
De Soto	72.30
East Baton Rouge	100.86
East Carroll	73.42
East Feliciana	82.82
Evangeline	67.91
Franklin	68.85
Grant	63.30
Iberia	90.76
Iberville	79.26
Jackson	70.45
Jefferson	108.22
Jefferson Davis	77.69
Lafayette	110.21
Lafourche	105.28
La Salle	69.34
Lincoln	75.78
Livingston	76.04
Madison	60.98
Morehouse	69.98
Natchitoches	75.74
Orleans	111.10
Ouachita	84.46
Plaquemines	98.10
Pointe Coupee	85.89
Rapides	94.01
Red River	70.43
Richland	72.84
Sabine	66.67
St. Bernard	100.22
St. Charles	91.81

St. Helena	80.32
St. James	78.24
St. John the Baptist	88.26
St. Landry	81.34
St. Martin	74.27
St. Mary	88.86
St. Tammany	113.18
Tangipahoa	76.23
Tensas	80.84
Terrebonne	94.75
Union	75.01
Vermilion	74.40
Vernon	98.15
Washington	67.60
Webster	80.53
West Baton Rouge	87.64
West Carroll	58.79
West Feliciana	65.94
Winn	69.76
Maine	
Androscoggin	87.33
Aroostook	76.89
Cumberland	110.62
Franklin	73.03
Hancock	91.69
Kennebec	88.42
Knox	94.88
Lincoln	96.30
Oxford	73.05
Penobscot	81.61
Piscataquis	74.77
Sagadahoc	98.35
Somerset	74.17
Waldo	80.54
Washington	75.30
York	96.38
Maryland	
Allegany	77.20
Anne Arundel	135.84
Baltimore	123.07
Calvert	113.52
Caroline	77.39
Carroll	109.93
Cecil	94.77
Charles	107.17
Dorchester	84.64
Frederick	113.97

Garrett	89.05
Harford	115.69
Howard	157.52
Kent	111.47
Montgomery	169.98
Prince George's	97.97
Queen Anne's	117.03
St. Mary's	104.89
Somerset	67.82
Talbot	138.89
Washington	88.82
Wicomico	85.07
Worcester	103.51
Baltimore (Independent City)	96.46
Massachusetts	
Barnstable	130.93
Berkshire	106.46
Bristol	100.52
Dukes	144.96
Essex	125.85
Franklin	102.17
Hampden	95.43
Hampshire	95.01
Middlesex	152.68
Nantucket	177.33
Norfolk	155.86
Plymouth	121.68
Suffolk	131.90
Worcester	107.49
Michigan	
Alcona	67.70
Alger	61.60
Allegan	79.41
Alpena	80.40
Antrim	77.97
Arenac	70.31
Baraga	64.68
Barry	79.55
Bay	79.48
Benzie	75.55
Berrien	86.24
Branch	65.88
Calhoun	80.82
Cass	79.75
Charlevoix	88.21
Cheboygan	71.32
Chippewa	64.23

Clare	66.59
Clinton	84.18
Crawford	65.17
Delta	77.00
Dickinson	90.20
Eaton	82.40
Emmet	96.18
Genesee	72.80
Gladwin	64.50
Gogebic	72.36
Grand Traverse	89.15
Gratiot	70.16
Hillsdale	65.71
Houghton	65.92
Huron	87.70
Ingham	83.16
Ionia	62.44
Iosco	67.38
Iron	77.48
Isabella	67.09
Jackson	74.46
Kalamazoo	87.63
Kalkaska	63.94
Kent	86.22
Keweenaw	88.39
Lake	64.04
Lapeer	75.91
Leelanau	105.31
Lenawee	75.39
Livingston	96.04
Luce	58.38
Mackinac	82.18
Macomb	87.05
Manistee	73.02
Marquette	78.34
Mason	75.17
Mecosta	63.58
Menominee	72.79
Midland	105.47
Missaukee	60.38
Monroe	83.48
Montcalm	58.36
Montmorency	65.64
Muskegon	70.37
Newaygo	66.35
Oakland	126.81
Oceana	71.14
Ogemaw	64.90

Ontonagon	74.13
Osceola	61.58
Oscoda	61.14
Otsego	71.99
Ottawa	81.38
Presque Isle	70.34
Roscommon	70.81
Saginaw	75.59
St. Clair	80.11
St. Joseph	69.95
Sanilac	72.98
Schoolcraft	74.27
Shiawassee	68.42
Tuscola	65.41
Van Buren	73.88
Washtenaw	97.64
Wayne	82.12
Wexford	66.05
Minnesota	
Aitkin	73.97
Anoka	96.36
Becker	87.07
Beltrami	77.72
Benton	83.66
Big Stone	96.68
Blue Earth	82.85
Brown	92.30
Carlton	76.07
Carver	134.28
Cass	88.44
Chippewa	105.95
Chisago	82.52
Clay	84.81
Clearwater	68.89
Cook	97.15
Cottonwood	95.64
Crow Wing	79.34
Dakota	113.03
Dodge	97.10
Douglas	90.60
Faribault	111.25
Fillmore	86.52
Freeborn	90.31
Goodhue	97.84
Grant	96.44
Hennepin	138.35
Houston	95.05
Hubbard	74.72

Isanti	87.10
Itasca	79.05
Jackson	110.88
Kanabec	72.14
Kandiyohi	99.22
Kittson	107.82
Koochiching	84.58
Lac qui Parle	104.77
Lake	95.87
Lake of the Woods	76.32
Le Sueur	88.62
Lincoln	92.23
Lyon	94.41
McLeod	86.61
Mahnomen	71.34
Marshall	97.49
Martin	106.07
Meeker	83.26
Mille Lacs	69.03
Morrison	78.79
Mower	93.04
Murray	110.15
Nicollet	91.48
Nobles	94.08
Norman	101.87
Olmsted	110.86
Otter Tail	84.86
Pennington	100.03
Pine	68.08
Pipestone	99.49
Polk	91.26
Pope	94.44
Ramsey	112.71
Red Lake	78.94
Redwood	102.36
Renville	101.56
Rice	78.42
Rock	97.84
Roseau	92.14
St. Louis	89.92
Scott	105.20
Sherburne	77.93
Sibley	90.87
Stearns	85.08
Steele	94.56
Stevens	101.41
Swift	91.67
Todd	70.93

Traverse	108.08
Wabasha	95.71
Wadena	71.96
Waseca	88.87
Washington	118.38
Watonwan	86.60
Wilkin	99.97
Winona	84.72
Wright	85.83
Yellow Medicine	99.69
Mississippi	
Adams	78.79
Alcorn	67.07
Amite	68.05
Attala	63.94
Benton	50.69
Bolivar	74.27
Calhoun	60.98
Carroll	75.73
Chickasaw	65.10
Choctaw	60.39
Claiborne	63.68
Clarke	64.40
Clay	69.67
Coahoma	75.90
Copiah	60.15
Covington	69.39
DeSoto	80.23
Forrest	74.19
Franklin	62.21
George	64.39
Greene	54.02
Grenada	70.40
Hancock	88.26
Harrison	89.78
Hinds	87.53
Holmes	62.17
Humphreys	65.27
Issaquena	79.76
Itawamba	72.10
Jackson	86.52
Jasper	70.01
Jefferson	59.27
Jefferson Davis	65.41
Jones	80.93
Kemper	57.55
Lafayette	79.45
Lamar	82.12

Lauderdale	79.45
Lawrence	74.36
Leake	60.81
Lee	84.15
Leflore	72.13
Lincoln	67.24
Lowndes	79.48
Madison	115.45
Marion	66.59
Marshall	63.08
Monroe	67.32
Montgomery	67.61
Neshoba	82.55
Newton	67.21
Noxubee	60.16
Oktibbeha	68.09
Panola	65.35
Pearl River	66.90
Perry	56.36
Pike	67.24
Pontotoc	62.59
Prentiss	59.43
Quitman	66.81
Rankin	88.67
Scott	63.68
Sharkey	67.08
Simpson	76.25
Smith	63.82
Stone	69.85
Sunflower	63.40
Tallahatchie	58.86
Tate	68.93
Tippah	62.64
Tishomingo	60.18
Tunica	71.47
Union	65.95
Walthall	61.42
Warren	89.14
Washington	72.74
Wayne	66.00
Webster	60.64
Wilkinson	58.05
Winston	64.20
Yalobusha	69.47
Yazoo	58.96
Missouri	
Adair	67.81
Andrew	105.74

Atchison	94.21
Audrain	78.43
Barry	71.77
Barton	72.75
Bates	81.08
Benton	68.80
Bollinger	66.18
Boone	90.12
Buchanan	81.37
Butler	82.82
Caldwell	84.27
Callaway	69.65
Camden	80.12
Cape Girardeau	86.80
Carroll	87.14
Carter	66.04
Cass	86.28
Cedar	65.25
Chariton	90.54
Christian	75.02
Clark	74.28
Clay	93.89
Clinton	85.81
Cole	99.39
Cooper	74.24
Crawford	72.09
Dade	65.36
Dallas	67.65
Daviess	68.68
DeKalb	56.58
Dent	69.19
Douglas	60.62
Dunklin	73.47
Franklin	87.45
Gasconade	77.07
Gentry	82.34
Greene	89.05
Grundy	73.50
Harrison	70.50
Henry	79.34
Hickory	54.87
Holt	88.49
Howard	84.70
Howell	66.74
Iron	64.19
Jackson	99.15
Jasper	73.41
Jefferson	84.81

Johnson	71.06
Knox	77.52
Laclede	66.02
Lafayette	91.12
Lawrence	64.14
Lewis	68.68
Lincoln	72.32
Linn	76.21
Livingston	78.34
McDonald	61.82
Macon	75.72
Madison	64.15
Maries	73.44
Marion	79.82
Mercer	66.12
Miller	65.67
Mississippi	68.72
Moniteau	77.04
Monroe	74.13
Montgomery	78.50
Morgan	73.49
New Madrid	73.51
Newton	80.87
Nodaway	66.11
Oregon	58.97
Osage	84.70
Ozark	56.66
Pemiscot	77.87
Perry	73.89
Pettis	77.16
Phelps	74.29
Pike	70.45
Platte	109.72
Polk	64.75
Pulaski	97.16
Putnam	64.51
Ralls	78.46
Randolph	73.46
Ray	87.92
Reynolds	63.55
Ripley	61.21
St. Charles	98.84
St. Clair	65.03
Ste. Genevieve	82.10
St. Francois	66.30
St. Louis	131.37
Saline	83.87
Schuyler	59.71

Scotland	69.72
Scott	83.96
Shannon	52.14
Shelby	80.07
Stoddard	78.25
Stone	78.24
Sullivan	82.48
Taney	67.49
Texas	56.24
Vernon	73.66
Warren	81.12
Washington	60.85
Wayne	61.03
Webster	64.72
Worth	68.47
Wright	56.22
St. Louis (Independent City)	88.94
Montana	
Beaverhead	82.17
Big Horn	63.75
Blaine	65.36
Broadwater	68.82
Carbon	84.72
Carter	77.68
Cascade	94.84
Chouteau	85.32
Custer	83.76
Daniels	111.02
Dawson	80.08
Deer Lodge	71.96
Fallon	97.77
Fergus	84.95
Flathead	86.16
Gallatin	89.82
Garfield	78.35
Glacier	72.11
Golden Valley	95.79
Granite	74.16
Hill	93.32
Jefferson	91.74
Judith Basin	85.12
Lake	67.33
Lewis and Clark	95.38
Liberty	81.89
Lincoln	67.81
McCone	84.80
Madison	88.02

Meagher	77.44
Mineral	66.79
Missoula	86.89
Musselshell	69.59
Park	86.24
Petroleum	68.69
Phillips	80.43
Pondera	88.35
Powder River	64.31
Powell	63.24
Prairie	75.30
Ravalli	75.30
Richland	107.12
Roosevelt	68.70
Rosebud	86.41
Sanders	63.99
Sheridan	109.63
Silver Bow	90.65
Stillwater	87.03
Sweet Grass	70.15
Teton	94.65
Toole	96.17
Treasure	82.12
Valley	92.00
Wheatland	69.30
Wibaux	65.46
Yellowstone	96.88
Nebraska	
Adams	91.07
Antelope	115.85
Arthur	68.14
Banner	90.93
Blaine	84.48
Boone	101.52
Box Butte	87.34
Boyd	89.07
Brown	83.20
Buffalo	90.87
Burt	98.01
Butler	100.35
Cass	98.58
Cedar	103.55
Chase	106.15
Cherry	84.58
Cheyenne	106.15
Clay	101.48
Colfax	86.73
Cuming	109.92

Custer	92.88
Dakota	71.78
Dawes	70.69
Dawson	77.27
Deuel	81.03
Dixon	83.69
Dodge	90.83
Douglas	113.45
Dundy	118.83
Fillmore	111.83
Franklin	96.95
Frontier	95.54
Furnas	96.05
Gage	94.96
Garden	105.37
Garfield	78.02
Gosper	115.67
Grant	66.61
Greeley	76.71
Hall	92.29
Hamilton	106.94
Harlan	98.57
Hayes	129.22
Hitchcock	85.38
Holt	102.00
Hooker	68.63
Howard	87.86
Jefferson	90.84
Johnson	78.35
Kearney	111.03
Keith	82.51
Keya Paha	84.62
Kimball	94.35
Knox	80.63
Lancaster	93.94
Lincoln	93.38
Logan	92.47
Loup	54.66
McPherson	43.73
Madison	88.23
Merrick	88.70
Morrill	103.99
Nance	90.78
Nemaha	93.15
Nuckolls	95.70
Otoe	89.74
Pawnee	89.18
Perkins	112.41

Phelps	106.76
Pierce	90.22
Platte	92.02
Polk	111.14
Red Willow	91.66
Richardson	90.17
Rock	79.25
Saline	84.02
Sarpy	98.03
Saunders	98.86
Scotts Bluff	87.38
Seward	97.27
Sheridan	80.80
Sherman	77.13
Sioux	91.10
Stanton	88.37
Thayer	102.82
Thomas	84.01
Thurston	83.86
Valley	98.98
Washington	106.55
Wayne	82.69
Webster	88.05
Wheeler	86.63
York	100.38
Nevada	
Churchill	99.64
Clark	91.90
Douglas	133.23
Elko	91.96
Esmeralda	99.17
Eureka	85.76
Humboldt	96.79
Lander	100.58
Lincoln	55.53
Lyon	69.90
Mineral	83.60
Nye	79.55
Pershing	58.84
Storey	89.96
Washoe	107.99
White Pine	91.76
Carson City (Independent City)	102.39
New Hampshire	
Belknap	101.77
Carroll	103.12
Cheshire	97.99

Coos	82.62
Grafton	108.25
Hillsborough	114.07
Merrimack	104.17
Rockingham	123.52
Strafford	89.98
Sullivan	89.95
New Jersey	
Atlantic	97.96
Bergen	164.46
Burlington	118.23
Camden	105.34
Cape May	117.14
Cumberland	82.89
Essex	126.42
Gloucester	101.71
Hudson	109.11
Hunterdon	169.20
Mercer	131.30
Middlesex	120.80
Monmouth	143.70
Morris	176.61
Ocean	100.72
Passaic	103.74
Salem	98.09
Somerset	177.76
Sussex	122.16
Union	126.52
Warren	109.48
New Mexico	
Bernalillo	90.18
Catron	62.88
Chaves	72.75
Cibola	62.05
Colfax	79.19
Curry	88.37
De Baca	74.32
Dona Ana	72.31
Eddy	98.22
Grant	76.39
Guadalupe	57.32
Harding	88.34
Hidalgo	75.23
Lea	87.24
Lincoln	76.71
Los Alamos	152.94
Luna	67.27
McKinley	58.84

Mora	63.49
Otero	68.39
Quay	75.05
Rio Arriba	70.29
Roosevelt	75.20
Sandoval	79.32
San Juan	75.15
San Miguel	74.48
Santa Fe	109.40
Sierra	76.65
Socorro	70.79
Taos	75.55
Torrance	72.72
Union	66.46
Valencia	71.13
New York	
Albany	113.11
Allegany	66.45
Bronx	74.31
Broome	84.93
Cattaraugus	80.94
Cayuga	79.44
Chautauqua	75.00
Chemung	83.48
Chenango	77.49
Clinton	81.97
Columbia	97.52
Cortland	74.20
Delaware	75.72
Dutchess	108.67
Erie	96.69
Essex	80.57
Franklin	70.12
Fulton	83.27
Genesee	81.16
Greene	87.96
Hamilton	95.41
Herkimer	77.42
Jefferson	102.72
Kings	92.00
Lewis	75.40
Livingston	75.77
Madison	80.04
Monroe	104.19
Montgomery	79.11
Nassau	165.92
New York	279.01
Niagara	82.84

Oneida	85.04
Onondaga	98.22
Ontario	97.88
Orange	95.25
Orleans	69.85
Oswego	73.45
Otsego	78.15
Putnam	131.34
Queens	99.81
Rensselaer	93.80
Richmond	118.14
Rockland	130.85
St. Lawrence	68.45
Saratoga	107.67
Schenectady	101.76
Schoharie	82.88
Schuyler	81.87
Seneca	80.84
Steuben	90.47
Suffolk	126.01
Sullivan	88.23
Tioga	84.86
Tompkins	86.46
Ulster	93.32
Warren	93.83
Washington	77.68
Wayne	85.41
Westchester	186.05
Wyoming	71.66
Yates	73.69
North Carolina	
Alamance	77.56
Alexander	73.66
Alleghany	75.11
Anson	62.32
Ashe	70.44
Avery	69.64
Beaufort	78.66
Bertie	70.48
Bladen	69.44
Brunswick	80.79
Buncombe	85.14
Burke	73.10
Cabarrus	86.29
Caldwell	66.88
Camden	87.87
Carteret	96.15
Caswell	74.21

Catawba	80.93
Chatham	114.39
Cherokee	63.06
Chowan	83.20
Clay	67.97
Cleveland	74.84
Columbus	70.63
Craven	89.63
Cumberland	103.60
Currituck	93.76
Dare	94.86
Davidson	79.59
Davie	89.13
Duplin	68.96
Durham	96.77
Edgecombe	66.92
Forsyth	93.81
Franklin	73.43
Gaston	83.13
Gates	64.83
Graham	61.54
Granville	69.15
Greene	64.62
Guilford	92.42
Halifax	70.55
Harnett	72.70
Haywood	77.17
Henderson	89.31
Hertford	67.69
Hoke	73.99
Hyde	69.40
Iredell	81.07
Jackson	68.73
Johnston	81.97
Jones	80.66
Lee	81.14
Lenoir	77.97
Lincoln	81.75
McDowell	62.93
Macon	74.78
Madison	69.52
Martin	74.16
Mecklenburg	111.00
Mitchell	65.05
Montgomery	68.18
Moore	96.21
Nash	85.11
New Hanover	89.20

Northampton	71.61
Onslow	105.66
Orange	116.98
Pamlico	88.15
Pasquotank	69.92
Pender	75.07
Perquimans	72.78
Person	73.49
Pitt	80.19
Polk	93.40
Randolph	72.04
Richmond	67.26
Robeson	61.53
Rockingham	74.24
Rowan	75.68
Rutherford	62.78
Sampson	73.36
Scotland	69.84
Stanly	73.46
Stokes	72.05
Surry	74.76
Swain	67.32
Transylvania	78.51
Tyrrell	59.49
Union	84.91
Vance	71.94
Wake	104.94
Warren	59.80
Washington	72.44
Watauga	73.27
Wayne	74.55
Wilkes	76.87
Wilson	81.71
Yadkin	74.90
Yancey	63.43
North Dakota	
Adams	100.77
Barnes	108.91
Benson	90.34
Billings	110.43
Bottineau	122.34
Bowman	115.60
Burke	131.64
Burleigh	101.15
Cass	106.47
Cavalier	149.09
Dickey	114.46
Divide	130.79

Dunn	91.70
Eddy	95.70
Emmons	103.40
Foster	106.90
Golden Valley	75.09
Grand Forks	92.52
Grant	105.29
Griggs	106.83
Hettinger	110.06
Kidder	89.21
LaMoure	132.87
Logan	107.26
McHenry	96.19
McIntosh	98.33
McKenzie	109.01
McLean	116.23
Mercer	108.81
Morton	86.20
Mountrail	107.92
Nelson	127.56
Oliver	123.00
Pembina	120.53
Pierce	91.85
Ramsey	96.94
Ransom	95.46
Renville	143.61
Richland	97.36
Rolette	69.30
Sargent	126.23
Sheridan	120.53
Sioux	55.56
Slope	127.29
Stark	106.96
Steele	124.30
Stutsman	96.80
Towner	141.77
Traill	99.76
Walsh	98.75
Ward	104.82
Wells	125.10
Williams	121.27
Ohio	
Adams	63.48
Allen	75.03
Ashland	70.13
Ashtabula	72.73
Athens	63.06
Auglaize	89.65

Belmont	73.12
Brown	72.41
Butler	88.10
Carroll	63.52
Champaign	74.28
Clark	82.42
Clermont	87.48
Clinton	81.62
Columbiana	70.83
Coshocton	70.82
Crawford	71.57
Cuyahoga	104.68
Darke	79.59
Defiance	79.05
Delaware	130.88
Erie	90.20
Fairfield	81.56
Fayette	81.63
Franklin	95.71
Fulton	83.25
Gallia	77.15
Geauga	119.42
Greene	89.98
Guernsey	69.28
Hamilton	114.56
Hancock	91.26
Hardin	66.68
Harrison	68.17
Henry	81.84
Highland	68.35
Hocking	67.39
Holmes	62.96
Huron	73.32
Jackson	67.02
Jefferson	76.36
Knox	75.05
Lake	96.67
Lawrence	71.44
Licking	86.53
Logan	81.39
Lorain	85.18
Lucas	85.30
Madison	81.01
Mahoning	82.38
Marion	75.95
Medina	95.76
Meigs	59.49
Mercer	86.52

Miami	86.41
Monroe	69.43
Montgomery	90.18
Morgan	58.57
Morrow	70.04
Muskingum	73.52
Noble	48.96
Ottawa	93.58
Paulding	74.18
Perry	59.90
Pickaway	75.00
Pike	67.59
Portage	84.27
Preble	76.19
Putnam	84.02
Richland	73.66
Ross	70.67
Sandusky	77.34
Scioto	68.93
Seneca	74.11
Shelby	83.38
Stark	83.40
Summit	98.87
Trumbull	76.02
Tuscarawas	71.58
Union	83.97
Van Wert	80.30
Vinton	56.45
Warren	99.93
Washington	80.93
Wayne	74.66
Williams	78.04
Wood	87.37
Wyandot	77.20
Oklahoma	
Adair	54.90
Alfalfa	66.33
Atoka	65.13
Beaver	87.60
Beckham	78.39
Blaine	66.83
Bryan	72.59
Caddo	66.32
Canadian	90.91
Carter	89.96
Cherokee	69.84
Choctaw	66.44
Cimarron	88.54

Cleveland	87.51
Coal	65.66
Comanche	87.25
Cotton	89.23
Craig	76.33
Creek	78.64
Custer	80.16
Delaware	74.28
Dewey	80.47
Ellis	81.13
Garfield	91.73
Garvin	84.31
Grady	72.00
Grant	91.47
Greer	67.97
Harmon	77.37
Harper	77.17
Haskell	72.22
Hughes	62.98
Jackson	79.13
Jefferson	61.61
Johnston	65.68
Kay	90.18
Kingfisher	89.40
Kiowa	74.14
Latimer	76.65
Le Flore	65.54
Lincoln	70.78
Logan	87.65
Love	89.53
McClain	96.78
McCurtain	66.30
McIntosh	69.01
Major	79.68
Marshall	64.71
Mayes	69.72
Murray	85.43
Muskogee	75.01
Noble	74.67
Nowata	67.23
Okfuskee	56.24
Oklahoma	102.58
Okmulgee	72.55
Osage	81.86
Ottawa	77.45
Pawnee	75.32
Payne	76.95
Pittsburg	80.18

Pontotoc	80.64
Pottawatomie	78.01
Pushmataha	67.11
Roger Mills	85.55
Rogers	88.04
Seminole	70.77
Sequoyah	66.35
Stephens	87.69
Texas	77.83
Tillman	65.64
Tulsa	111.70
Wagoner	78.77
Washington	102.10
Washita	73.27
Woods	77.08
Woodward	86.43
Oregon	
Baker	73.78
Benton	93.78
Clackamas	113.72
Clatsop	83.39
Columbia	83.27
Coos	77.48
Crook	73.12
Curry	79.04
Deschutes	92.91
Douglas	74.69
Gilliam	85.18
Grant	72.83
Harney	70.17
Hood River	85.08
Jackson	85.82
Jefferson	66.69
Josephine	73.19
Klamath	72.58
Lake	71.92
Lane	83.94
Lincoln	83.74
Linn	73.80
Malheur	60.02
Marion	84.25
Morrow	83.32
Multnomah	100.78
Polk	77.76
Sherman	116.12
Tillamook	81.32
Umatilla	73.32
Union	76.94

Wallowa	82.72
Wasco	81.45
Washington	102.02
Wheeler	64.36
Yamhill	81.72
Pennsylvania	
Adams	81.49
Allegheny	116.13
Armstrong	81.01
Beaver	89.30
Bedford	73.75
Berks	90.65
Blair	81.09
Bradford	74.99
Bucks	131.94
Butler	103.02
Cambria	80.08
Cameron	77.21
Carbon	77.32
Centre	82.47
Chester	145.29
Clarion	80.00
Clearfield	74.78
Clinton	71.62
Columbia	72.68
Crawford	73.46
Cumberland	101.52
Dauphin	98.57
Delaware	121.69
Elk	85.17
Erie	81.51
Fayette	79.49
Forest	55.63
Franklin	82.71
Fulton	74.68
Greene	77.90
Huntingdon	68.01
Indiana	80.79
Jefferson	76.80
Juniata	73.79
Lackawanna	90.97
Lancaster	91.13
Lawrence	79.04
Lebanon	90.94
Lehigh	98.09
Luzerne	86.76
Lycoming	80.39
McKean	78.19

Mercer	78.69
Mifflin	71.08
Monroe	77.67
Montgomery	157.19
Montour	99.66
Northampton	94.92
Northumberland	78.99
Perry	82.51
Philadelphia	91.17
Pike	83.27
Potter	74.10
Schuylkill	77.70
Snyder	75.12
Somerset	74.89
Sullivan	73.10
Susquehanna	73.84
Tioga	66.62
Union	74.77
Venango	78.97
Warren	78.25
Washington	102.61
Wayne	77.77
Westmoreland	98.18
Wyoming	78.64
York	90.29
Rhode Island	
Bristol	131.24
Kent	110.44
Newport	125.53
Providence	94.59
Washington	116.43
South Carolina	
Abbeville	64.86
Aiken	83.93
Allendale	60.04
Anderson	74.35
Bamberg	62.37
Barnwell	61.98
Beaufort	108.01
Berkeley	78.89
Calhoun	82.60
Charleston	100.76
Cherokee	65.41
Chester	68.07
Chesterfield	59.79
Clarendon	60.64
Colleton	70.13
Darlington	71.88

Dillon	58.99
Dorchester	77.30
Edgefield	76.88
Fairfield	66.09
Florence	83.71
Georgetown	92.53
Greenville	91.37
Greenwood	74.01
Hampton	65.49
Horry	72.45
Jasper	65.94
Kershaw	81.49
Lancaster	62.15
Laurens	71.17
Lee	63.25
Lexington	87.61
McCormick	64.32
Marion	63.74
Marlboro	58.06
Newberry	73.25
Oconee	78.82
Orangeburg	69.91
Pickens	68.51
Richland	88.49
Saluda	80.59
Spartanburg	77.60
Sumter	72.47
Union	64.51
Williamsburg	62.01
York	82.90
South Dakota	
Aurora	110.93
Beadle	111.68
Bennett	70.51
Bon Homme	81.69
Brookings	91.03
Brown	112.60
Brule	102.86
Buffalo	53.09
Butte	68.56
Campbell	105.90
Charles Mix	87.71
Clark	92.55
Clay	101.14
Codington	92.72
Corson	73.39
Custer	84.25
Davison	102.31

Day	91.60
Deuel	98.85
Dewey	80.98
Douglas	111.38
Edmunds	124.28
Fall River	80.75
Faulk	114.12
Grant	101.04
Gregory	96.10
Haakon	121.38
Hamlin	89.86
Hand	110.79
Hanson	126.13
Harding	92.55
Hughes	104.50
Hutchinson	105.23
Hyde	102.34
Jackson	60.08
Jerauld	125.76
Jones	112.37
Kingsbury	115.87
Lake	104.98
Lawrence	83.84
Lincoln	122.22
Lyman	100.93
McCook	111.03
McPherson	89.44
Marshall	87.64
Meade	90.69
Mellette	71.29
Miner	105.59
Minnehaha	99.46
Moody	107.01
Pennington	96.34
Perkins	80.32
Potter	149.71
Roberts	84.00
Sanborn	114.09
Shannon	47.90
Spink	143.74
Stanley	111.98
Sully	207.95
Todd	54.01
Tripp	96.61
Turner	113.69
Union	145.32
Walworth	91.06
Yankton	90.99

Ziebach	52.27
Tennessee	
Anderson	85.87
Bedford	73.64
Benton	65.87
Bledsoe	57.94
Blount	75.91
Bradley	74.60
Campbell	66.99
Cannon	74.20
Carroll	70.63
Carter	66.79
Cheatham	78.76
Chester	65.57
Claiborne	66.32
Clay	62.01
Cocke	60.12
Coffee	79.67
Crockett	72.80
Cumberland	70.04
Davidson	113.34
Decatur	76.24
DeKalb	72.91
Dickson	73.26
Dyer	77.12
Fayette	97.98
Fentress	66.59
Franklin	69.68
Gibson	71.81
Giles	70.47
Grainger	67.74
Greene	75.22
Grundy	59.97
Hamblen	71.26
Hamilton	95.47
Hancock	47.30
Hardeman	62.41
Hardin	75.45
Hawkins	66.74
Haywood	75.63
Henderson	63.56
Henry	71.64
Hickman	57.72
Houston	65.12
Humphreys	74.05
Jackson	71.12
Jefferson	68.53
Johnson	57.06

Knox	92.17
Lake	48.03
Lauderdale	54.36
Lawrence	62.35
Lewis	57.24
Lincoln	75.92
Loudon	89.65
McMinn	68.07
McNairy	67.06
Macon	67.34
Madison	83.50
Marion	75.68
Marshall	63.57
Maury	76.16
Meigs	66.97
Monroe	62.58
Montgomery	96.35
Moore	79.49
Morgan	58.42
Obion	78.00
Overton	60.73
Perry	66.69
Pickett	62.04
Polk	66.23
Putnam	74.71
Rhea	64.33
Roane	82.23
Robertson	79.00
Rutherford	76.79
Scott	55.93
Sequatchie	73.41
Sevier	76.67
Shelby	99.70
Smith	74.36
Stewart	74.19
Sullivan	83.86
Sumner	86.95
Tipton	79.95
Trousdale	78.84
Unicoi	73.88
Union	60.70
Van Buren	64.18
Warren	65.07
Washington	82.43
Wayne	52.94
Weakley	69.42
White	60.41
Williamson	136.72

Wilson	92.08
Texas	
Anderson	65.38
Andrews	87.46
Angelina	80.77
Aransas	100.04
Archer	101.31
Armstrong	102.49
Atascosa	70.80
Austin	94.12
Bailey	77.65
Bandera	90.22
Bastrop	70.51
Baylor	82.66
Bee	58.89
Bell	94.79
Bexar	86.07
Blanco	104.76
Borden	98.67
Bosque	78.72
Bowie	84.99
Brazoria	93.46
Brazos	69.19
Brewster	89.59
Briscoe	78.86
Brooks	65.68
Brown	75.86
Burleson	81.06
Burnet	99.26
Caldwell	63.26
Calhoun	78.59
Callahan	77.95
Cameron	54.84
Camp	82.16
Carson	94.28
Cass	77.23
Castro	86.83
Chambers	107.85
Cherokee	69.73
Childress	57.88
Clay	99.93
Cochran	86.99
Coke	73.00
Coleman	77.65
Collin	123.43
Collingsworth	78.81
Colorado	94.50
Comal	102.50

Comanche	78.81
Concho	53.38
Cooke	103.38
Coryell	87.01
Cottle	89.91
Crane	76.31
Crockett	78.90
Crosby	85.64
Culberson	69.09
Dallam	102.48
Dallas	110.84
Dawson	70.79
Deaf Smith	72.99
Delta	70.24
Denton	101.25
DeWitt	79.82
Dickens	66.92
Dimmit	65.19
Donley	79.41
Duval	74.07
Eastland	99.44
Ector	85.69
Edwards	73.63
Ellis	83.69
El Paso	69.57
Erath	73.00
Falls	65.27
Fannin	68.54
Fayette	92.17
Fisher	80.13
Floyd	85.34
Foard	80.47
Fort Bend	114.51
Franklin	80.46
Freestone	73.20
Frio	56.15
Gaines	67.71
Galveston	105.92
Garza	71.38
Gillespie	112.53
Glasscock	94.58
Goliad	69.68
Gonzales	74.92
Gray	91.93
Grayson	79.87
Gregg	102.40
Grimes	70.30
Guadalupe	85.76

Hale	67.68
Hall	68.42
Hamilton	82.63
Hansford	92.92
Hardeman	74.22
Hardin	92.27
Harris	116.37
Harrison	93.25
Hartley	88.08
Haskell	76.05
Hays	78.04
Hemphill	126.20
Henderson	78.01
Hidalgo	51.19
Hill	75.18
Hockley	84.99
Hood	97.88
Hopkins	77.12
Houston	70.31
Howard	74.12
Hudspeth	64.67
Hunt	78.05
Hutchinson	87.85
Irion	122.65
Jack	86.13
Jackson	77.44
Jasper	78.07
Jeff Davis	82.13
Jefferson	90.18
Jim Hogg	82.78
Jim Wells	84.83
Johnson	81.19
Jones	63.41
Karnes	61.04
Kaufman	81.04
Kendall	129.67
Kenedy	102.28
Kent	73.18
Kerr	103.60
Kimble	78.16
King	92.74
Kinney	69.80
Kleberg	77.28
Knox	78.82
Lamar	77.40
Lamb	71.14
Lampasas	111.53
La Salle	52.70

Lavaca	85.82
Lee	84.65
Leon	80.40
Liberty	83.17
Limestone	72.54
Lipscomb	88.82
Live Oak	71.60
Llano	85.94
Loving	180.95
Lubbock	83.61
Lynn	74.11
McCulloch	78.21
McLennan	79.78
McMullen	102.78
Madison	61.22
Marion	69.96
Martin	81.55
Mason	76.99
Matagorda	78.59
Maverick	49.90
Medina	75.60
Menard	69.44
Midland	140.67
Milam	74.97
Mills	82.62
Mitchell	58.09
Montague	91.13
Montgomery	114.19
Moore	75.36
Morris	79.00
Motley	80.21
Nacogdoches	70.57
Navarro	76.09
Newton	63.23
Nolan	76.44
Nueces	89.15
Ochiltree	96.64
Oldham	87.72
Orange	88.37
Palo Pinto	82.51
Panola	89.61
Parker	93.23
Parmer	73.74
Pecos	70.06
Polk	91.49
Potter	81.02
Presidio	61.99
Rains	70.33

Randall	95.04
Reagan	81.82
Real	74.20
Red River	72.24
Reeves	55.02
Refugio	86.84
Roberts	91.21
Robertson	81.91
Rockwall	118.20
Runnels	72.24
Rusk	72.84
Sabine	77.16
San Augustine	67.07
San Jacinto	75.69
San Patricio	86.30
San Saba	71.14
Schleicher	65.83
Scurry	83.57
Shackelford	101.78
Shelby	73.38
Sherman	96.47
Smith	93.07
Somervell	90.61
Starr	43.14
Stephens	84.90
Sterling	89.13
Stonewall	89.85
Sutton	127.40
Swisher	73.16
Tarrant	97.64
Taylor	89.20
Terrell	99.64
Terry	77.30
Throckmorton	100.96
Titus	71.57
Tom Green	88.17
Travis	104.70
Trinity	66.71
Tyler	69.28
Upshur	79.55
Upton	97.69
Uvalde	75.45
Val Verde	71.37
Van Zandt	82.14
Victoria	98.62
Walker	59.30
Waller	73.02
Ward	84.84

Washington	98.82
Webb	58.32
Wharton	82.50
Wheeler	94.76
Wichita	86.68
Wilbarger	83.50
Willacy	58.65
Williamson	93.43
Wilson	78.97
Winkler	82.58
Wise	87.08
Wood	74.66
Yoakum	97.02
Young	94.27
Zapata	52.90
Zavala	45.07
Utah	
Beaver	68.40
Box Elder	74.00
Cache	68.42
Carbon	80.69
Daggett	73.32
Davis	84.68
Duchesne	89.94
Emery	66.10
Garfield	66.81
Grand	83.33
Iron	58.62
Juab	58.99
Kane	79.75
Millard	70.89
Morgan	78.17
Piute	60.15
Rich	79.25
Salt Lake	95.69
San Juan	52.48
Sanpete	52.96
Sevier	65.36
Summit	173.68
Tooele	66.78
Uintah	76.15
Utah	64.04
Wasatch	72.17
Washington	68.48
Wayne	65.13
Weber	82.35
Vermont	
Addison	92.44

Bennington	101.80
Caledonia	80.34
Chittenden	108.06
Essex	60.78
Franklin	94.29
Grand Isle	101.94
Lamoille	98.07
Orange	85.82
Orleans	82.49
Rutland	98.14
Washington	104.52
Windham	96.90
Windsor	105.78
Virginia	
Accomack	82.20
Amelia	84.21
Amherst	73.74
Appomattox	75.82
Arlington	198.21
Bath	90.08
Bland	71.35
Botetourt	101.20
Brunswick	65.27
Buchanan	72.94
Buckingham	58.89
Caroline	85.11
Charles City	82.59
Charlotte	67.36
Chesterfield	105.50
Clarke	102.17
Craig	75.36
Culpeper	85.40
Cumberland	72.09
Dickenson	68.85
Essex	81.91
Fauquier	129.85
Floyd	66.84
Fluvanna	88.58
Franklin	78.86
Giles	71.92
Gloucester	93.41
Goochland	154.71
Grayson	60.59
Greene	89.55
Halifax	71.28
Hanover	111.40
Henrico	110.11
Highland	84.34

Isle of Wight	100.16
King and Queen	78.31
King George	94.87
King William	93.76
Lancaster	117.72
Lee	65.47
Loudoun	129.92
Louisa	95.73
Lunenburg	63.61
Madison	86.35
Mathews	126.51
Mecklenburg	74.07
Middlesex	100.53
Nelson	95.71
New Kent	88.89
Northampton	89.15
Northumberland	100.99
Nottoway	74.22
Orange	84.36
Page	70.06
Patrick	63.28
Powhatan	103.60
Prince Edward	54.36
Pulaski	78.88
Rappahannock	102.75
Richmond	64.39
Russell	68.32
Scott	66.50
Shenandoah	79.73
Smyth	67.51
Stafford	100.34
Surry	83.67
Sussex	70.51
Tazewell	79.64
Warren	93.33
Westmoreland	87.03
Wythe	69.71
Alexandria (Independent City)	191.76
Chesapeake (Independent City)	101.50
Hampton (Independent City)	95.04
Newport News (Independent City)	82.15

Norfolk (Independent City)	88.39
Portsmouth (Independent City)	89.22
Richmond (Independent City)	106.44
Roanoke (Independent City)	95.48
Suffolk (Independent City)	92.22
Virginia Beach (Independent City)	112.46
Albemarle + Charlottesville	114.42
Alleghany + Covington	79.24
Augusta, Staunton + Waynesboro	84.00
Bedford + Bedford City	94.41
Campbell + Lynchburg	76.47
Carroll + Galax	70.38
Dinwiddie, Colonial Heights + Petersburg	87.80
Fairfax, Fairfax City + Falls Church	169.01
Frederick + Winchester	90.27
Greensville + Emporia	57.13
Henry + Martinsville	73.19
James City + Williamsburg	124.42
Montgomery + Radford	68.96
Pittsylvania + Danville	75.06
Prince George + Hopewell	86.85

Prince William, Manassas + Manassas Park	107.37
Roanoke + Salem	100.35
Rockbridge, Buena Vista + Lexington	77.79
Rockingham + Harrisonburg	76.14
Southampton + Franklin	78.86
Spotsylvania + Fredericksburg	97.25
Washington + Bristol	79.63
Wise + Norton	74.42
York + Poquoson	112.04
Washington	
Adams	72.35
Asotin	86.76
Benton	95.82
Chelan	93.12
Clallam	91.82
Clark	92.70
Columbia	92.42
Cowlitz	79.21
Douglas	74.74
Ferry	63.62
Franklin	69.19
Garfield	85.53
Grant	75.10
Grays Harbor	73.03
Island	96.98
Jefferson	108.47
King	140.55
Kitsap	106.16
Kittitas	80.28
Klickitat	90.26
Lewis	75.98
Lincoln	80.91
Mason	75.28
Okanogan	83.56
Pacific	78.65
Pend Oreille	72.48
Pierce	100.99
San Juan	143.62
Skagit	96.46

Skamania	86.45
Snohomish	107.00
Spokane	88.68
Stevens	68.78
Thurston	102.57
Wahkiakum	79.03
Walla Walla	87.43
Whatcom	92.07
Whitman	73.06
Yakima	80.27
West Virginia	
Barbour	61.35
Berkeley	75.44
Boone	67.41
Braxton	61.17
Brooke	74.50
Cabell	83.25
Calhoun	53.38
Clay	54.84
Doddridge	49.01
Fayette	68.26
Gilmer	52.70
Grant	72.43
Greenbrier	75.05
Hampshire	57.75
Hancock	74.41
Hardy	62.20
Harrison	91.91
Jackson	66.46
Jefferson	90.69
Kanawha	102.12
Lewis	76.80
Lincoln	59.62
Logan	76.77
McDowell	60.76
Marion	84.31
Marshall	81.07
Mason	64.40
Mercer	76.87
Mineral	73.58
Mingo	71.67
Monongalia	88.11
Monroe	62.56
Morgan	76.52
Nicholas	74.26
Ohio	93.29
Pendleton	74.88
Pleasants	74.73

Pocahontas	72.24
Preston	66.99
Putnam	93.82
Raleigh	84.35
Randolph	73.22
Ritchie	67.95
Roane	59.98
Summers	58.59
Taylor	63.65
Tucker	67.97
Tyler	61.29
Upshur	67.36
Wayne	67.96
Webster	59.61
Wetzel	74.38
Wirt	53.53
Wood	79.43
Wyoming	66.79
Wisconsin	
Adams	77.54
Ashland	79.27
Barron	78.46
Bayfield	80.31
Brown	95.45
Buffalo	97.00
Burnett	80.05
Calumet	97.74
Chippewa	81.74
Clark	70.37
Columbia	98.84
Crawford	75.27
Dane	112.51
Dodge	81.42
Door	101.87
Douglas	75.92
Dunn	73.54
Eau Claire	88.96
Florence	83.53
Fond du Lac	90.26
Forest	73.75
Grant	76.37
Green	89.50
Green Lake	85.19
Iowa	92.21
Iron	83.15
Jackson	79.96
Jefferson	85.52
Juneau	68.92

Kenosha	86.80
Kewaunee	88.96
La Crosse	91.16
Lafayette	74.90
Langlade	82.76
Lincoln	81.56
Manitowoc	89.01
Marathon	90.82
Marinette	82.49
Marquette	71.79
Menominee	60.72
Milwaukee	94.06
Monroe	77.16
Oconto	84.15
Oneida	92.10
Outagamie	92.65
Ozaukee	144.63
Pepin	81.87
Pierce	81.89
Polk	78.60
Portage	86.01
Price	82.11
Racine	94.64
Richland	74.37
Rock	79.01
Rusk	64.58
St. Croix	92.96
Sauk	89.16
Sawyer	81.77
Shawano	76.97
Sheboygan	100.67
Taylor	70.17
Trempealeau	81.17
Vernon	70.64
Vilas	83.32
Walworth	83.38
Washburn	78.14
Washington	106.69
Waukesha	130.79
Waupaca	86.99
Waushara	70.95
Winnebago	90.22
Wood	94.58
Wyoming	
Albany	87.35
Big Horn	76.99
Campbell	118.94
Carbon	98.53

Converse	110.12
Crook	105.88
Fremont	93.50
Goshen	81.19
Hot Springs	99.17
Johnson	109.34
Laramie	112.84
Lincoln	91.08
Natrona	126.98
Niobrara	96.23
Park	111.78
Platte	97.93
Sheridan	124.33
Sublette	143.51
Sweetwater	113.76
Teton	253.07
Uinta	104.16
Washakie	99.32
Weston	111.64

**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 Congressman.

(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. 701g), 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, b₁ and b₂ 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 b₂=2^xb₁, 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 $EF \geq 1$, 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 - $EF \times (50 - BBF)$

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

(iii) If LERRD is less than 20 percent:

non-Federal cost-share = $25 - EF \times (25 - BBF)$

(3) For non-structural projects covered by section 103(b), when $0 < EF < 1$:

non-Federal cost-share = $35 - EF \times (35 - BBF)$

(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 $EF \geq 1$, 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 $.712 \times 20$ 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.

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

§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.

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

(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>