



DEPARTMENT OF THE ARMY
U.S. Army Corps of Engineers
WASHINGTON, D.C. 20314-1000

REPLY TO
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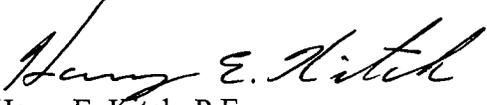
CECW-CP

21 July, 2008

MEMORANDUM FOR PLANNING COMMUNITY OF PRACTICE

SUBJECT: Economic Guidance Memorandum, 08-05, 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-PC at bruce.d.carlson@usace.army.mil or by telephone at (202) 761-4703.


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.usace.army.mil/cw/cecwp/leg_manage/pdf/wrda86.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://www.usace.army.mil/publications/eng-regs/er1165-2-121/toc.htm>

c. PL 102-580, Section 201, Water Resources Development Act of 1992.

http://www.usace.army.mil/cw/cecwp/leg_manage/pdf/wrda92.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- 80.

http://72.14.253.104/search?q=cache:CdVC32IW4c0J:www.usace.army.mil/inet/functions/cw/cecwp/General_guidance/EGM02_03_Able2Pay_Memo4_Corrected.pdf+60+FR+5133+%2B+corps+of+engineers&hl=en&gl=us&ct=clnk&cd=3

e. 33 CFR 241. A complete statement of the ability-to-pay procedures, including amendments can be found at:

http://www.access.gpo.gov/nara/cfr/waisidx_02/33cfr241_02.html

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://www.usace.army.mil/cw/cecwp/mp_and_dev/Wrda00/wrda00203-4.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 2003 to 2005. 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:

$$a = 18.12$$

$$b_1 = .078$$

$$b_2 = .156$$

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, 2003-2005							
State		Personal Income Average	Average as a Percent of US	State		Personal Income Average	Average as a Percent of US
United States		33,016	100.00%	Oregon	OR	29,549	92.98%
Alabama	AL	28,006	83.31%	Pennsylvania	PA	32,032	100.79%
Alaska	AK	33,928	104.22%	Rhode Island	RI	32,715	102.94%
Arizona	AZ	28,615	86.39%	South Carolina	SC	26,173	82.35%
Arkansas	AR	25,601	77.10%	South Dakota	SO	28,799	90.62%
California	CA	35,191	106.38%	Tennessee	TN	28,591	89.96%
Colorado	CO	35,760	109.78%	Texas	TX	29,677	93.38%
Connecticut	CT	45,223	136.89%	Utah	UT	26,215	80.60%
Delaware	DE	35,396	107.43%	Vermont	VT	31,502	95.67%
District of Columbia	DC	52,619	151.60%	Virginia	VA	35,741	108.23%
Florida	FL	32,339	95.77%	Washington	WA	34,269	105.38%
Georgia	GA	29,898	91.24%	West Virginia	WV	24,977	77.94%
Hawaii	HI	32,460	97.15%	Wisconsin	WI	32,039	97.39%
Idaho	ID	27,018	81.17%	Wyoming	WY	35,001	102.31%
Illinois	IL	34,955	106.30%				
Indiana	IN	30,064	91.36%				
Iowa	IA	30,446	92.00%				
Kansas	KS	31,346	94.14%				
Kentucky	KY	27,058	82.46%				
Louisiana	LA	25,823	82.20%				
Maine	ME	29,813	90.51%				
Maryland	MD	39,741	119.14%				
Massachusetts	MA	41,704	126.87%				
Michigan	MI	31,858	98.47%				
Minnesota	MN	35,955	108.74%				
Mississippi	MS	23,965	73.53%				
Missouri	MO	30,173	92.34%				
Montana	MT	27,609	82.75%				
Nebraska	NE	31,889	96.78%				
Nevada	NV	33,870	101.18%				
New Hampshire	NH	36,322	110.30%				
New Jersey	NJ	41,821	126.44%				
New Mexico	NM	26,484	79.00%				
New York	NY	38,168	114.92%				
North Carolina	NC	29,509	88.83%				
North Dakota	ND	29,634	88.89%				
Ohio	OH	30,817	94.74%				
Oklahoma	OK	28,232	84.18%				

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 (2003-2005)

County (or Area)	3-Year Average Index
Alabama	
Autauga	79.88
Baldwin	87.90
Barbour	66.86
Bibb	61.97
Blount	68.08
Bullock	55.39
Butler	71.15
Calhoun	80.11
Chambers	68.70
Cherokee	67.36
Chilton	68.11
Choctaw	69.53
Clarke	69.30
Clay	69.98
Cleburne	68.03
Coffee	87.88
Colbert	73.44
Conecuh	66.40
Coosa	65.16
Covington	73.37
Crenshaw	79.78
Cullman	75.75
Dale	72.10
Dallas	69.02
DeKalb	73.21
Elmore	78.70
Escambia	64.07
Etowah	76.57
Fayette	68.16
Franklin	69.67
Geneva	73.28
Greene	64.45
Hale	58.58
Henry	70.25
Houston	87.21
Jackson	71.21
Jefferson	110.72
Lamar	63.97
Lauderdale	76.17
Lawrence	71.94
Lee	71.68
Limestone	78.90
Lowndes	62.21
Macon	56.46
Madison	100.16
Marengo	77.41

Marion	68.31
Marshall	79.69
Mobile	73.37
Monroe	69.79
Montgomery	100.16
Morgan	88.95
Perry	58.93
Pickens	67.66
Pike	82.21
Randolph	64.20
Russell	69.73
St. Clair	76.74
Shelby	113.18
Sumter	58.71
Talladega	78.07
Tallapoosa	72.85
Tuscaloosa	88.04
Walker	74.97
Washington	61.80
Wilcox	54.94
Winston	66.87
Alaska	
Aleutians East Borough	79.18
Aleutians West Census Area	81.36
Anchorage Municipality	117.91
Bethel Census Area	71.72
Bristol Bay Borough	120.52
Denali Borough	129.80
Dillingham Census Area	87.59
Fairbanks North Star Borough	96.47
Haines Borough	113.60
Juneau City and Borough	111.74
Kenai Peninsula Borough	89.26
Ketchikan Gateway Borough	116.66
Kodiak Island Borough	94.08
Lake and Peninsula Borough	79.26
Matanuska-Susitna Borough	89.11
Nome Census Area	77.37
North Slope Borough	119.42
Northwest Arctic Borough	76.45

Prince of Wales-Outer Ketchikan Census Area	66.86
Sitka City and Borough	96.03
Skagway-Hoonah-Angoon Census Area	100.02
Southeast Fairbanks Census Area	92.04
Valdez-Cordova Census Area	101.57
Wade Hampton Census Area	46.68
Wrangell-Petersburg Census Area	97.53
Yakutat City and Borough	98.96
Yukon-Koyukuk Census Area	75.67
Arizona	
Apache	53.00
Cochise	75.48
Coconino	79.93
Gila	69.01
Graham	54.10
Greenlee	70.45
La Paz	59.32
Maricopa	95.52
Mohave	63.68
Navajo	52.79
Pima	82.74
Pinal	62.07
Santa Cruz	57.53
Yavapai	70.86
Yuma	61.02
Arkansas	
Arkansas	82.42
Ashley	70.77
Baxter	74.70
Benton	86.54
Boone	69.37
Bradley	66.11
Calhoun	65.58
Carroll	61.71
Chicot	61.28
Clark	68.94
Clay	63.89
Cleburne	73.83
Cleveland	74.47
Columbia	78.39
Conway	72.56
Craighead	76.21

Crawford	65.02
Crittenden	70.98
Cross	60.32
Dallas	67.89
Desha	64.16
Drew	68.56
Faulkner	76.75
Franklin	70.16
Fulton	58.11
Garland	80.27
Grant	76.78
Greene	65.78
Hempstead	65.57
Hot Spring	63.70
Howard	70.03
Independence	71.53
Izard	60.38
Jackson	66.64
Jefferson	70.20
Johnson	60.99
Lafayette	63.94
Lawrence	59.30
Lee	57.57
Lincoln	54.77
Little River	71.12
Logan	63.29
Lonoke	75.12
Madison	64.43
Marion	59.42
Miller	75.54
Mississippi	69.55
Monroe	62.80
Montgomery	62.26
Nevada	69.34
Newton	54.76
Ouachita	67.99
Perry	70.78
Phillips	62.82
Pike	68.81
Poinsett	62.98
Polk	61.42
Pope	71.35
Prairie	67.10
Pulaski	107.89
Randolph	57.88
St. Francis	58.62
Saline	83.22
Scott	63.69
Searcy	53.57
Sebastian	90.19
Sevier	65.23
Sharp	56.40
Stone	61.23
Union	90.83

Van Buren	60.23
Washington	79.64
White	65.68
Woodruff	61.46
Yell	65.84
California	
Alameda	123.54
Alpine	95.91
Amador	86.20
Butte	77.93
Calaveras	83.45
Colusa	79.74
Contra Costa	141.17
Del Norte	62.19
El Dorado	118.58
Fresno	76.27
Glenn	66.22
Humboldt	80.97
Imperial	64.91
Inyo	84.85
Kern	72.90
Kings	63.12
Lake	80.19
Lassen	62.25
Los Angeles	99.80
Madera	64.69
Marin	217.08
Mariposa	75.72
Mendocino	83.65
Merced	67.71
Modoc	75.85
Mono	107.06
Monterey	103.23
Napa	124.04
Nevada	105.83
Orange	127.53
Placer	119.86
Plumas	91.83
Riverside	79.56
Sacramento	98.00
San Benito	91.04
San Bernardino	75.74
San Diego	116.02
San Francisco	176.85
San Joaquin	77.05
San Luis Obispo	98.61
San Mateo	169.64
Santa Barbara	113.82
Santa Clara	147.87
Santa Cruz	122.48
Shasta	84.47
Sierra	73.39
Siskiyou	77.85
Solano	96.34

Sonoma	116.94
Stanislaus	77.84
Sutter	81.76
Tehama	65.83
Trinity	69.44
Tulare	68.86
Tuolumne	82.76
Ventura	115.33
Yolo	89.70
Yuba	68.72
Colorado	
Adams	85.37
Alamosa	72.93
Arapahoe	137.59
Archuleta	65.28
Baca	81.16
Bent	59.10
Boulder	131.23
Broomfield	105.19
Chaffee	72.46
Cheyenne	96.63
Clear Creek	137.40
Conejos	55.11
Costilla	63.06
Crowley	50.71
Custer	77.81
Delta	68.02
Denver	136.87
Dolores	75.98
Douglas	125.75
Eagle	126.01
Elbert	105.12
El Paso	96.44
Fremont	61.40
Garfield	88.99
Gilpin	108.19
Grand	96.75
Gunnison	85.15
Hinsdale	81.51
Huerfano	58.06
Jackson	72.08
Jefferson	122.81
Kiowa	97.65
Kit Carson	83.84
Lake	65.68
La Plata	95.77
Larimer	99.10
Las Animas	70.25
Lincoln	58.17
Logan	78.25
Mesa	82.73
Mineral	80.15
Moffat	81.54
Montezuma	76.01

Montrose	78.59
Morgan	72.78
Otero	72.44
Ouray	102.24
Park	85.51
Phillips	74.05
Pitkin	220.10
Prowers	74.71
Pueblo	75.60
Rio Blanco	90.44
Rio Grande	79.04
Routt	118.64
Saguache	52.78
San Juan	83.04
San Miguel	113.71
Sedgwick	79.94
Summit	106.02
Teller	95.64
Washington	78.22
Weld	73.30
Yuma	81.90
Connecticut	
Fairfield	192.60
Hartford	124.72
Litchfield	121.28
Middlesex	124.09
New Haven	114.23
New London	114.15
Tolland	106.64
Windham	90.73
Delaware	
Kent	83.01
New Castle	121.02
Sussex	85.48
District of Columbia	
District of Columbia	151.60
Florida	
Alachua	85.21
Baker	68.50
Bay	86.58
Bradford	64.20
Brevard	92.03
Broward	104.44
Calhoun	54.70
Charlotte	83.92
Citrus	75.36
Clay	86.13
Collier	142.84
Columbia	63.50
DeSoto	52.24
Dixie	53.63
Duval	97.93
Escambia	81.62
Flagler	79.88

Franklin	74.25
Gadsden	67.49
Gilchrist	67.79
Glades	53.07
Gulf	68.30
Hamilton	44.94
Hardee	54.38
Hendry	62.08
Hernando	76.72
Highlands	69.13
Hillsborough	96.22
Holmes	61.44
Indian River	133.47
Jackson	64.06
Jefferson	71.93
Lafayette	46.67
Lake	84.22
Lee	105.31
Leon	92.40
Levy	63.20
Liberty	59.50
Madison	57.18
Manatee	101.07
Marion	77.33
Martin	142.45
Miami-Dade	89.90
Monroe	128.68
Nassau	105.88
Okaloosa	100.42
Okeechobee	60.63
Orange	90.91
Osceola	63.78
Palm Beach	143.53
Pasco	76.24
Pinellas	108.83
Polk	82.73
Putnam	63.68
St. Johns	123.46
St. Lucie	75.19
Santa Rosa	80.41
Sarasota	135.68
Seminole	110.43
Sumter	61.75
Suwannee	65.29
Taylor	65.52
Union	45.35
Volusia	81.53
Wakulla	68.70
Walton	69.96
Washington	60.54
Georgia	
Appling	62.63
Atkinson	58.83
Bacon	59.96

Baker	59.35
Baldwin	72.26
Banks	75.83
Barrow	72.97
Bartow	79.62
Ben Hill	70.44
Berrien	70.54
Bibb	90.83
Bleckley	72.42
Brantley	61.09
Brooks	66.51
Bryan	84.20
Bulloch	61.63
Burke	58.84
Butts	67.27
Calhoun	56.48
Camden	74.47
Candler	62.63
Carroll	70.79
Catoosa	72.72
Charlton	52.23
Chatham	97.05
Chattahoochee	68.95
Chattooga	57.96
Cherokee	93.77
Clarke	70.24
Clay	71.06
Clayton	66.43
Clinch	55.97
Cobb	115.25
Coffee	66.02
Colquitt	63.02
Columbia	101.41
Cook	57.70
Coweta	83.77
Crawford	71.81
Crisp	65.84
Dade	67.49
Dawson	86.29
Decatur	64.81
DeKalb	102.97
Dodge	59.91
Dooly	62.07
Dougherty	75.62
Douglas	80.25
Early	75.35
Echols	51.80
Effingham	75.10
Elbert	69.04
Emanuel	64.30
Evans	63.04
Fannin	68.83
Fayette	116.22
Floyd	82.39

Forsyth	98.32
Franklin	72.99
Fulton	143.02
Gilmer	68.09
Glascocok	65.32
Glynn	98.80
Gordon	72.84
Grady	64.04
Greene	80.00
Gwinnett	91.98
Habersham	73.30
Hall	77.87
Hancock	51.03
Haralson	69.32
Harris	103.72
Hart	66.26
Heard	60.36
Henry	80.25
Houston	83.10
Irwin	61.77
Jackson	77.16
Jasper	70.19
Jeff Davis	64.21
Jefferson	61.88
Jenkins	57.70
Johnson	55.58
Jones	76.61
Lamar	71.64
Lanier	64.49
Laurens	72.17
Lee	69.35
Liberty	65.53
Lincoln	67.64
Long	54.27
Lowndes	74.55
Lumpkin	71.41
McDuffie	76.11
McIntosh	62.83
Macon	61.52
Madison	75.75
Marion	72.11
Meriwether	64.37
Miller	72.73
Mitchell	58.23
Monroe	81.86
Montgomery	60.02
Morgan	86.70
Murray	64.50
Muscogee	90.56
Newton	68.05
Oconee	99.02
Oglethorpe	70.84
Paulding	73.35
Peach	71.29

Pickens	88.43
Pierce	66.36
Pike	74.57
Polk	63.44
Pulaski	79.35
Putnam	79.87
Quitman	69.50
Rabun	74.10
Randolph	63.31
Richmond	77.06
Rockdale	87.74
Schley	62.75
Screven	60.05
Seminole	70.29
Spalding	74.60
Stephens	73.64
Stewart	65.77
Sumter	71.14
Talbot	62.17
Taliaferro	61.50
Tattnall	61.75
Taylor	61.35
Telfair	51.36
Terrell	64.04
Thomas	82.00
Tift	71.40
Toombs	67.65
Towns	77.01
Treutlen	53.10
Troup	78.26
Turner	62.43
Twiggs	63.38
Union	71.57
Upton	63.12
Walker	69.64
Walton	77.65
Ware	65.97
Warren	62.61
Washington	72.06
Wayne	67.11
Webster	74.38
Wheeler	48.31
White	69.00
Whitfield	86.53
Wilcox	63.37
Wilkes	64.73
Wilkinson	64.81
Worth	70.31
Hawaii	
Hawaii	76.25
Honolulu	105.06
Kauai	82.79
Maui + Kalawao	88.60
Idaho	

Ada	112.78
Adams	76.50
Bannock	73.17
Bear Lake	62.58
Benewah	70.15
Bingham	63.22
Blaine	147.19
Boise	71.76
Bonner	70.64
Bonneville	85.50
Boundary	56.77
Butte	69.10
Camas	76.47
Canyon	59.86
Caribou	73.23
Cassia	73.64
Clark	76.25
Clearwater	73.20
Custer	70.36
Elmore	73.92
Franklin	64.56
Fremont (includes Yellowstone Park)	60.69
Gem	63.48
Gooding	88.03
Idaho	64.36
Jefferson	62.80
Jerome	78.84
Kootenai	78.24
Latah	76.51
Lemhi	68.35
Lewis	80.73
Lincoln	64.22
Madison	48.00
Minidoka	58.14
Nez Perce	83.34
Oneida	55.13
Owyhee	63.78
Payette	69.37
Power	61.39
Shoshone	74.16
Teton	67.94
Twin Falls	76.11
Valley	96.94
Washington	65.13
Illinois	
Adams	87.54
Alexander	56.36
Bond	79.07
Boone	83.25
Brown	62.32
Bureau	85.45
Calhoun	75.17
Carroll	79.42
Cass	77.59

Champaign	90.47
Christian	80.66
Clark	76.34
Clay	76.37
Clinton	91.58
Coles	78.21
Cook	113.65
Crawford	75.70
Cumberland	77.51
DeKalb	82.87
De Witt	81.72
Douglas	83.20
DuPage	142.06
Edgar	72.41
Edwards	78.83
Effingham	85.83
Fayette	64.31
Ford	91.46
Franklin	69.10
Fulton	77.11
Gallatin	65.29
Greene	66.89
Grundy	93.23
Hamilton	71.03
Hancock	79.39
Hardin	64.83
Henderson	75.28
Henry	85.29
Iroquois	79.30
Jackson	81.01
Jasper	78.61
Jefferson	75.77
Jersey	84.74
Jo Daviess	99.52
Johnson	59.91
Kane	95.14
Kankakee	80.97
Kendall	93.25
Knox	76.84
Lake	143.78
La Salle	82.78
Lawrence	75.05
Lee	79.58
Livingston	89.73
Logan	72.88
McDonough	71.83
McHenry	103.88
McLean	98.17
Macon	93.81
Macoupin	81.77
Madison	90.57
Marion	76.80
Marshall	88.49
Mason	77.26

Massac	73.61
Menard	93.98
Mercer	84.40
Monroe	100.21
Montgomery	72.16
Morgan	78.04
Moultrie	79.01
Ogle	82.33
Peoria	97.98
Perry	63.37
Piatt	98.65
Pike	73.50
Pope	64.90
Pulaski	61.44
Putnam	88.91
Randolph	69.86
Richland	74.04
Rock Island	90.91
St. Clair	87.36
Saline	73.82
Sangamon	103.34
Schuyler	84.11
Scott	69.02
Shelby	72.99
Stark	81.79
Stephenson	88.72
Tazewell	96.13
Union	71.30
Vermilion	74.51
Wabash	77.70
Warren	71.14
Washington	88.80
Wayne	77.65
White	80.10
Whiteside	79.07
Will	92.64
Williamson	79.24
Winnebago	84.29
Woodford	93.27
Indiana	
Adams	75.68
Allen	92.92
Bartholomew	98.97
Benton	81.47
Blackford	69.52
Boone	125.89
Brown	91.32
Carroll	82.88
Cass	80.53
Clark	87.60
Clay	71.82
Clinton	75.09
Crawford	69.07
Daviess	78.19

Dearborn	91.76
Decatur	81.51
De Kalb	82.36
Delaware	80.58
Dubois	106.56
Elkhart	93.04
Fayette	80.18
Floyd	102.26
Fountain	76.22
Franklin	81.78
Fulton	77.62
Gibson	86.58
Grant	77.10
Greene	74.83
Hamilton	131.09
Hancock	107.27
Harrison	82.71
Hendricks	95.69
Henry	81.47
Howard	92.53
Huntington	81.10
Jackson	81.24
Jasper	79.34
Jay	71.97
Jefferson	77.32
Jennings	73.26
Johnson	94.13
Knox	82.05
Kosciusko	93.14
Lagrange	66.52
Lake	85.33
La Porte	79.83
Lawrence	77.72
Madison	84.91
Marion	105.16
Marshall	78.93
Martin	74.01
Miami	72.94
Monroe	82.84
Montgomery	79.90
Morgan	89.93
Newton	72.78
Noble	76.60
Ohio	74.26
Orange	68.43
Owen	70.59
Parke	69.61
Perry	77.90
Pike	73.03
Porter	102.61
Posey	93.43
Pulaski	78.30
Putnam	77.79
Randolph	75.59

Ripley	78.49
Rush	84.94
St. Joseph	94.13
Scott	70.95
Shelby	89.12
Spencer	83.59
Starke	63.54
Steuben	80.10
Sullivan	66.28
Switzerland	68.53
Tippecanoe	82.76
Tipton	94.93
Union	80.76
Vanderburgh	99.42
Vermillion	80.28
Vigo	79.69
Wabash	81.26
Warren	75.26
Warrick	97.83
Washington	73.86
Wayne	78.18
Wells	81.35
White	73.96
Whitley	84.53
Iowa	
Adair	86.46
Adams	79.95
Allamakee	74.98
Appanoose	69.67
Audubon	89.57
Benton	83.36
Black Hawk	88.36
Boone	92.09
Bremer	92.52
Buchanan	79.88
Buena Vista	79.24
Butler	80.01
Calhoun	79.79
Carroll	89.27
Cass	82.88
Cedar	90.46
Cerro Gordo	93.68
Cherokee	86.49
Chickasaw	82.03
Clarke	75.82
Clay	87.86
Clayton	80.83
Clinton	81.44
Crawford	76.24
Dallas	102.50
Davis	68.31
Decatur	60.96
Delaware	82.36
Des Moines	87.90

Dickinson	101.18
Dubuque	88.54
Emmet	84.24
Fayette	73.52
Floyd	82.38
Franklin	84.38
Fremont	88.90
Greene	81.51
Grundy	93.89
Guthrie	86.06
Hamilton	88.39
Hancock	93.30
Hardin	80.88
Harrison	80.87
Henry	79.82
Howard	84.07
Humboldt	87.97
Ida	85.95
Iowa	97.11
Jackson	77.16
Jasper	85.94
Jefferson	83.10
Johnson	100.04
Jones	71.02
Keokuk	79.11
Kossuth	91.23
Lee	81.33
Linn	102.36
Louisa	81.93
Lucas	69.38
Lyon	76.67
Madison	86.75
Mahaska	82.87
Marion	83.94
Marshall	89.05
Mills	101.26
Mitchell	80.14
Monona	76.13
Monroe	82.95
Montgomery	80.63
Muscatine	94.02
O'Brien	86.60
Osceola	77.04
Page	80.58
Palo Alto	79.35
Plymouth	90.54
Pocahontas	79.81
Polk	113.94
Pottawattamie	88.79
Poweshiek	91.20
Ringgold	70.99
Sac	85.43
Scott	100.53
Shelby	85.01

Sioux	86.80
Story	91.74
Tama	77.19
Taylor	73.78
Union	76.28
Van Buren	68.19
Wapello	78.44
Warren	92.20
Washington	89.59
Wayne	68.08
Webster	83.80
Winnebago	80.21
Winneshiek	90.08
Woodbury	83.58
Worth	72.02
Wright	98.10
Kansas	
Allen	74.29
Anderson	69.02
Atchison	69.93
Barber	76.86
Barton	88.82
Bourbon	73.19
Brown	80.76
Butler	88.21
Chase	96.20
Chautauqua	75.01
Cherokee	72.71
Cheyenne	61.48
Clark	81.17
Clay	89.16
Cloud	72.64
Coffey	93.76
Comanche	67.91
Cowley	78.18
Crawford	73.93
Decatur	73.09
Dickinson	77.56
Doniphan	66.96
Douglas	82.97
Edwards	86.89
Elk	65.63
Ellis	93.01
Ellsworth	76.37
Finney	66.92
Ford	72.51
Franklin	76.98
Geary	96.16
Gove	81.27
Graham	91.79
Grant	79.79
Gray	88.56
Greeley	83.71
Greenwood	71.16

Hamilton	91.93
Harper	81.89
Harvey	87.14
Haskell	104.73
Hodgeman	82.28
Jackson	84.39
Jefferson	76.92
Jewell	82.82
Johnson	140.02
Kearny	65.33
Kingman	77.02
Kiowa	87.87
Labette	75.91
Lane	90.85
Leavenworth	83.42
Lincoln	65.10
Linn	72.81
Logan	74.57
Lyon	71.27
McPherson	90.95
Marion	68.40
Marshall	92.80
Meade	78.64
Miami	90.54
Mitchell	82.56
Montgomery	75.72
Morris	74.95
Morton	69.38
Nemaha	84.76
Neosho	73.65
Ness	99.59
Norton	72.94
Osage	73.17
Osborne	73.63
Ottawa	72.09
Pawnee	81.57
Phillips	86.69
Pottawatomie	86.11
Pratt	85.30
Rawlins	79.15
Reno	79.21
Republic	72.23
Rice	64.17
Riley	88.60
Rooks	76.13
Rush	73.25
Russell	73.29
Saline	89.23
Scott	91.30
Sedgwick	99.17
Seward	71.79
Shawnee	94.48
Sheridan	98.49
Sherman	73.68

Smith	78.25
Stafford	80.54
Stanton	85.85
Stevens	82.35
Sumner	79.88
Thomas	82.59
Trego	66.20
Wabaunsee	81.22
Wallace	75.76
Washington	72.26
Wichita	98.26
Wilson	74.37
Woodson	64.24
Wyandotte	69.14
Kentucky	
Adair	60.07
Allen	67.82
Anderson	76.22
Ballard	87.02
Barren	71.17
Bath	59.54
Bell	56.41
Boone	92.50
Bourbon	87.27
Boyd	81.34
Boyle	75.82
Bracken	67.23
Breathitt	55.48
Breckinridge	63.88
Bullitt	73.15
Butler	57.96
Caldwell	72.74
Calloway	73.94
Campbell	90.48
Carlisle	71.94
Carroll	76.80
Carter	56.56
Casey	55.60
Christian	79.95
Clark	85.18
Clay	48.02
Clinton	63.13
Crittenden	64.35
Cumberland	54.90
Daviess	82.05
Edmonson	54.99
Elliott	46.34
Estill	55.28
Fayette	104.65
Fleming	57.18
Floyd	62.70
Franklin	90.12
Fulton	74.26
Gallatin	68.20

Garrard	64.02
Grant	66.70
Graves	66.99
Grayson	60.70
Green	55.67
Greenup	74.56
Hancock	66.86
Hardin	87.50
Harlan	55.97
Harrison	70.97
Hart	53.37
Henderson	81.97
Henry	75.14
Hickman	121.26
Hopkins	73.33
Jackson	46.66
Jefferson	108.25
Jessamine	77.67
Johnson	61.59
Kenton	101.46
Knott	55.87
Knox	59.01
Larue	77.94
Laurel	63.65
Lawrence	53.48
Lee	52.88
Leslie	57.34
Letcher	61.10
Lewis	48.56
Lincoln	56.58
Livingston	75.25
Logan	68.86
Lyon	64.88
McCracken	93.90
McCreary	49.23
McLean	75.73
Madison	66.93
Magoffin	54.24
Marion	69.13
Marshall	77.99
Martin	57.83
Mason	74.66
Meade	71.14
Menifee	48.95
Mercer	71.18
Metcalfe	57.73
Monroe	61.08
Montgomery	67.94
Morgan	48.59
Muhlenberg	64.55
Nelson	79.97
Nicholas	67.73
Ohio	63.07
Oldham	104.83

Owen	56.38
Owsley	56.54
Pendleton	62.85
Perry	68.74
Pike	67.55
Powell	58.22
Pulaski	70.95
Robertson	55.49
Rockcastle	54.05
Rowan	62.58
Russell	60.19
Scott	86.08
Shelby	86.96
Simpson	77.70
Spencer	66.48
Taylor	66.20
Todd	66.74
Trigg	87.19
Trimble	52.83
Union	76.90
Warren	83.39
Washington	67.95
Wayne	57.02
Webster	85.76
Whitley	61.38
Wolfe	52.53
Woodford	112.66
Louisiana	
Acadia	66.91
Allen	53.38
Ascension	83.13
Assumption	76.35
Avoyelles	60.10
Beauregard	63.35
Bienville	63.89
Bossier	80.88
Caddo	91.37
Calcasieu	76.57
Caldwell	60.92
Cameron	45.41
Catahoula	60.45
Claiborne	68.28
Concordia	63.19
De Soto	70.42
East Baton Rouge	93.80
East Carroll	55.86
East Feliciana	71.41
Evangeline	56.08
Franklin	60.52
Grant	64.23
Iberia	74.84
Iberville	67.63
Jackson	74.63
Jefferson	88.47

Jefferson Davis	60.86
Lafayette	95.01
Lafourche	81.38
La Salle	62.22
Lincoln	69.67
Livingston	68.36
Madison	55.58
Morehouse	64.00
Natchitoches	70.44
Orleans	73.35
Ouachita	80.32
Plaquemines	59.14
Pointe Coupee	70.25
Rapides	86.01
Red River	59.07
Richland	62.64
Sabine	62.39
St. Bernard	55.45
St. Charles	79.83
St. Helena	68.12
St. James	66.26
St. John the Baptist	71.67
St. Landry	63.11
St. Martin	61.40
St. Mary	77.61
St. Tammany	93.06
Tangipahoa	66.93
Tensas	64.02
Terrebonne	73.55
Union	70.71
Vermilion	61.08
Vernon	83.85
Washington	60.21
Webster	72.26
West Baton Rouge	77.97
West Carroll	56.55
West Feliciana	55.43
Winn	57.93
Maine	
Androscoggin	86.79
Aroostook	75.57
Cumberland	111.99
Franklin	74.64
Hancock	89.34
Kennebec	86.82
Knox	93.77
Lincoln	90.77
Oxford	73.88
Penobscot	83.37
Piscataquis	75.05
Sagadahoc	90.79
Somerset	74.35
Waldo	77.74
Washington	72.76

York	91.83
Maryland	
Allegany	73.69
Anne Arundel	130.56
Baltimore	127.19
Calvert	107.52
Caroline	76.56
Carroll	107.67
Cecil	95.54
Charles	105.77
Dorchester	83.84
Frederick	113.42
Garrett	79.02
Harford	111.20
Howard	150.25
Kent	110.36
Montgomery	171.23
Prince George's	100.53
Queen Anne's	115.98
St. Mary's	99.61
Somerset	66.21
Talbot	144.48
Washington	88.71
Wicomico	85.83
Worcester	99.09
Baltimore (Independent City)	89.43
Massachusetts	
Barnstable	125.52
Berkshire	106.43
Bristol	99.95
Dukes	133.92
Essex	123.43
Franklin	98.41
Hampden	94.10
Hampshire	93.72
Middlesex	150.07
Nantucket	159.94
Norfolk	154.49
Plymouth	117.38
Suffolk	131.43
Worcester	106.85
Michigan	
Alcona	65.75
Alger	63.80
Allegan	83.29
Alpena	79.23
Antrim	80.67
Arenac	68.33
Baraga	62.08
Barry	88.15
Bay	83.30
Benzie	77.53
Berrien	85.79
Branch	69.30

Calhoun	83.20
Cass	83.04
Charlevoix	91.76
Cheboygan	72.52
Chippewa	62.89
Clare	65.51
Clinton	91.48
Crawford	63.26
Delta	78.60
Dickinson	87.68
Eaton	87.64
Emmet	98.64
Genesee	83.50
Gladwin	66.08
Gogebic	68.65
Grand Traverse	94.68
Gratiot	69.57
Hillsdale	74.35
Houghton	66.61
Huron	84.26
Ingham	89.48
Ionia	69.34
Iosco	65.78
Iron	73.54
Isabella	71.34
Jackson	80.45
Kalamazoo	94.94
Kalkaska	60.20
Kent	98.20
Keweenaw	74.41
Lake	62.47
Lapeer	85.80
Leelanau	103.88
Lenawee	86.07
Livingston	108.23
Luce	58.42
Mackinac	82.87
Macomb	103.59
Manistee	72.50
Marquette	77.12
Mason	76.93
Mecosta	62.98
Menominee	72.59
Midland	107.37
Missaukee	62.62
Monroe	92.12
Montcalm	64.62
Montmorency	61.95
Muskegon	76.13
Newaygo	69.17
Oakland	153.23
Oceana	67.87
Ogemaw	62.88
Ontonagon	73.73

Osceola	67.06
Oscoda	56.90
Otsego	78.38
Ottawa	90.00
Presque Isle	68.23
Roscommon	67.72
Saginaw	80.85
St. Clair	88.79
St. Joseph	76.66
Sanilac	77.03
Schoolcraft	69.39
Shiawassee	74.04
Tuscola	68.25
Van Buren	74.40
Washtenaw	117.41
Wayne	90.53
Wexford	72.01
Minnesota	
Aitkin	71.78
Anoka	102.40
Becker	83.77
Beltrami	75.55
Benton	84.59
Big Stone	82.89
Blue Earth	91.26
Brown	89.82
Carlton	77.90
Carver	128.87
Cass	85.99
Chippewa	87.86
Chisago	88.12
Clay	81.00
Clearwater	67.07
Cook	92.87
Cottonwood	87.08
Crow Wing	79.57
Dakota	121.65
Dodge	95.25
Douglas	88.44
Faribault	88.88
Fillmore	83.88
Freeborn	83.23
Goodhue	98.56
Grant	79.21
Hennepin	144.29
Houston	89.82
Hubbard	76.46
Isanti	86.38
Itasca	76.86
Jackson	85.41
Kanabec	73.22
Kandiyohi	92.80
Kittson	87.25
Koochiching	88.85

Lac qui Parle	82.22
Lake	93.92
Lake of the Woods	72.53
Le Sueur	87.87
Lincoln	82.12
Lyon	90.84
McLeod	89.47
Mahnomen	69.27
Marshall	82.79
Martin	94.49
Meeker	82.37
Mille Lacs	71.34
Morrison	73.70
Mower	89.64
Murray	85.98
Nicollet	91.26
Nobles	84.90
Norman	82.53
Olmsted	115.96
Otter Tail	80.77
Pennington	96.99
Pine	70.37
Pipestone	88.14
Polk	80.91
Pope	88.77
Ramsey	118.03
Red Lake	69.20
Redwood	83.01
Renville	79.35
Rice	79.36
Rock	86.00
Roseau	90.01
St. Louis	92.32
Scott	102.98
Sherburne	82.36
Sibley	78.87
Stearns	86.78
Steele	91.97
Stevens	85.73
Swift	70.41
Todd	66.92
Traverse	78.34
Wabasha	93.35
Wadena	71.67
Waseca	81.01
Washington	125.28
Watonwan	84.64
Wilkin	82.03
Winona	84.49
Wright	90.35
Yellow Medicine	82.64
Mississippi	
Adams	70.51
Alcorn	66.40

Amite	61.01
Attala	62.08
Benton	53.49
Bolivar	59.86
Calhoun	71.28
Carroll	63.85
Chickasaw	63.29
Choctaw	52.77
Claiborne	51.71
Clarke	57.34
Clay	65.31
Coahoma	69.90
Copiah	59.43
Covington	59.84
DeSoto	86.96
Forrest	72.47
Franklin	54.67
George	60.08
Greene	49.40
Grenada	69.32
Hancock	71.83
Harrison	80.73
Hinds	86.57
Holmes	53.08
Humphreys	59.09
Issaquena	52.37
Itawamba	69.70
Jackson	74.94
Jasper	60.38
Jefferson	43.46
Jefferson Davis	57.23
Jones	74.50
Kemper	55.50
Lafayette	77.25
Lamar	75.05
Lauderdale	77.54
Lawrence	69.08
Leake	63.81
Lee	85.05
Leflore	64.45
Lincoln	67.92
Lowndes	72.43
Madison	111.25
Marion	62.46
Marshall	61.83
Monroe	68.30
Montgomery	63.72
Neshoba	78.18
Newton	69.21
Noxubee	55.28
Oktibbeha	70.18
Panola	60.06
Pearl River	60.17
Perry	53.86

Pike	63.36
Pontotoc	67.80
Prentiss	57.36
Quitman	57.52
Rankin	86.16
Scott	64.29
Sharkey	60.34
Simpson	71.48
Smith	73.13
Stone	69.35
Sunflower	51.05
Tallahatchie	60.50
Tate	70.71
Tippah	64.85
Tishomingo	58.53
Tunica	59.02
Union	66.55
Walthall	55.94
Warren	86.25
Washington	61.89
Wayne	59.48
Webster	56.71
Wilkinson	50.70
Winston	60.90
Yalobusha	64.53
Yazoo	62.09
Missouri	
Adair	64.78
Andrew	83.96
Atchison	78.33
Audrain	69.63
Barry	68.16
Barton	66.66
Bates	73.68
Benton	63.48
Bollinger	60.78
Boone	90.58
Buchanan	80.75
Butler	77.95
Caldwell	74.05
Callaway	68.41
Camden	82.17
Cape Girardeau	85.11
Carroll	69.47
Carter	64.77
Cass	85.85
Cedar	61.83
Chariton	73.55
Christian	73.69
Clark	66.09
Clay	98.72
Clinton	80.98
Cole	98.53
Cooper	68.45

Crawford	73.77
Dade	68.36
Dallas	67.48
Daviess	65.74
DeKalb	50.00
Dent	63.71
Douglas	57.55
Dunklin	70.71
Franklin	85.52
Gasconade	73.55
Gentry	71.80
Greene	88.65
Grundy	66.16
Harrison	63.22
Henry	73.60
Hickory	54.23
Holt	71.69
Howard	75.10
Howell	65.00
Iron	63.74
Jackson	98.07
Jasper	74.71
Jefferson	81.50
Johnson	70.81
Knox	68.42
Laclede	67.03
Lafayette	84.23
Lawrence	62.68
Lewis	61.67
Lincoln	73.32
Linn	70.61
Livingston	76.13
McDonald	63.25
Macon	70.74
Madison	60.63
Maries	69.06
Marion	73.88
Mercer	71.63
Miller	62.88
Mississippi	64.60
Moniteau	70.33
Monroe	64.34
Montgomery	73.68
Morgan	69.81
New Madrid	71.14
Newton	75.22
Nodaway	64.87
Oregon	57.02
Osage	80.10
Ozark	56.73
Pemiscot	68.67
Perry	72.08
Pettis	76.44
Phelps	75.44

Pike	64.00
Platte	108.81
Polk	62.41
Pulaski	82.72
Putnam	61.10
Ralls	72.12
Randolph	70.48
Ray	81.66
Reynolds	63.80
Ripley	58.78
St. Charles	98.39
St. Clair	61.24
Ste. Genevieve	72.25
St. Francois	66.02
St. Louis	134.26
Saline	78.22
Schuyler	59.99
Scotland	64.13
Scott	75.55
Shannon	54.34
Shelby	70.49
Stoddard	72.22
Stone	74.52
Sullivan	70.47
Taney	72.81
Texas	57.73
Vernon	70.65
Warren	80.11
Washington	58.18
Wayne	60.16
Webster	60.80
Worth	62.11
Wright	55.02
St. Louis (Independent City)	80.22
Montana	
Beaverhead	79.49
Big Horn	58.81
Blaine	58.88
Broadwater	70.64
Carbon	85.78
Carter	70.02
Cascade	88.67
Chouteau	80.28
Custer	77.61
Daniels	87.31
Dawson	72.76
Deer Lodge	70.55
Fallon	81.92
Fergus	78.96
Flathead	87.34
Gallatin	93.18
Garfield	83.47
Glacier	63.41
Golden Valley	62.77

Granite	73.04
Hill	86.53
Jefferson	86.15
Judith Basin	70.48
Lake	63.93
Lewis and Clark	90.77
Liberty	77.26
Lincoln	63.39
McCone	72.64
Madison	75.97
Meagher	72.44
Mineral	66.26
Missoula	89.23
Musselshell	61.18
Park	77.64
Petroleum	62.62
Phillips	70.93
Pondera	73.37
Powder River	64.98
Powell	62.85
Prairie	82.79
Ravalli	72.05
Richland	82.56
Roosevelt	62.79
Rosebud	80.38
Sanders	59.77
Sheridan	88.52
Silver Bow	88.62
Stillwater	89.06
Sweet Grass	74.20
Teton	80.78
Toole	79.98
Treasure	67.97
Valley	92.77
Wheatland	63.36
Wibaux	72.04
Yellowstone	95.48
Nebraska	
Adams	77.35
Antelope	83.60
Arthur	59.74
Banner	79.15
Blaine	55.29
Boone	81.54
Box Butte	84.35
Boyd	65.31
Brown	77.15
Buffalo	84.66
Burt	79.80
Butler	77.76
Cass	95.32
Cedar	89.64
Chase	88.44
Cherry	78.20

Cheyenne	95.50
Clay	81.32
Colfax	79.90
Cuming	101.53
Custer	85.33
Dakota	69.03
Dawes	64.80
Dawson	72.24
Deuel	82.61
Dixon	88.17
Dodge	83.81
Douglas	120.12
Dundy	96.69
Fillmore	89.68
Franklin	79.14
Frontier	80.86
Furnas	74.68
Gage	89.15
Garden	81.05
Garfield	83.81
Gosper	81.89
Grant	44.64
Greeley	78.37
Hall	88.25
Hamilton	79.39
Harlan	77.35
Hayes	65.41
Hitchcock	65.42
Holt	84.91
Hooker	63.74
Howard	75.91
Jefferson	83.00
Johnson	83.17
Kearney	91.18
Keith	74.52
Keya Paha	67.20
Kimball	80.66
Knox	74.23
Lancaster	98.21
Lincoln	83.32
Logan	77.17
Loup	36.14
McPherson	52.30
Madison	83.49
Merrick	77.50
Morrill	72.34
Nance	80.28
Nemaha	96.29
Nuckolls	77.95
Otoe	81.62
Pawnee	90.93
Perkins	87.71
Phelps	95.25
Pierce	79.49

Platte	83.93
Polk	84.57
Red Willow	80.77
Richardson	83.16
Rock	71.72
Saline	81.15
Sarpy	94.44
Saunders	91.06
Scotts Bluff	80.53
Seward	90.25
Sheridan	67.60
Sherman	72.39
Sioux	58.87
Stanton	77.79
Thayer	91.87
Thomas	64.68
Thurston	67.74
Valley	75.99
Washington	96.88
Wayne	80.41
Webster	89.20
Wheeler	99.00
York	95.72
Nevada	
Churchill	96.11
Clark	99.84
Douglas	135.14
Elko	86.03
Esmeralda	101.83
Eureka	87.41
Humboldt	78.43
Lander	88.02
Lincoln	65.52
Lyon	72.78
Mineral	76.93
Nye	83.47
Pershing	55.75
Storey	95.05
Washoe	120.14
White Pine	90.64
Carson City (Independent City)	108.28
New Hampshire	
Belknap	101.03
Carroll	101.36
Cheshire	95.84
Coos	87.81
Grafton	111.72
Hillsborough	115.92
Merrimack	101.29
Rockingham	123.63
Strafford	90.68
Sullivan	96.48
New Jersey	
Atlantic	99.43

Bergen	162.56
Burlington	117.32
Camden	105.11
Cape May	113.00
Cumberland	81.92
Essex	125.55
Gloucester	99.91
Hudson	99.12
Hunterdon	176.84
Mercer	133.06
Middlesex	120.22
Monmouth	139.61
Morris	180.67
Ocean	100.89
Passaic	100.62
Salem	96.04
Somerset	177.36
Sussex	120.78
Union	127.96
Warren	106.97
New Mexico	
Bernalillo	94.81
Catron	52.90
Chaves	71.56
Cibola	54.42
Colfax	71.59
Curry	78.33
De Baca	65.80
Dona Ana	66.26
Eddy	82.05
Grant	64.44
Guadalupe	46.50
Harding	57.02
Hidalgo	57.51
Lea	76.45
Lincoln	65.32
Los Alamos	157.50
Luna	54.37
McKinley	52.60
Mora	50.82
Otero	61.83
Quay	64.08
Rio Arriba	66.72
Roosevelt	76.83
Sandoval	79.02
San Juan	68.37
San Miguel	63.79
Santa Fe	107.93
Sierra	58.92
Socorro	61.10
Taos	72.52
Torrance	63.27
Union	85.23
Valencia	69.79

New York	
Albany	113.18
Allegany	62.73
Bronx	68.79
Broome	83.86
Cattaraugus	76.76
Cayuga	80.76
Chautauqua	71.96
Chemung	78.28
Chenango	73.53
Clinton	77.94
Columbia	92.54
Cortland	73.02
Delaware	75.65
Dutchess	104.86
Erie	96.07
Essex	77.15
Franklin	64.86
Fulton	83.01
Genesee	81.23
Greene	82.10
Hamilton	82.89
Herkimer	73.18
Jefferson	83.54
Kings	82.99
Lewis	68.54
Livingston	76.68
Madison	81.56
Monroe	104.54
Montgomery	82.26
Nassau	159.38
New York	267.34
Niagara	81.87
Oneida	80.65
Onondaga	97.52
Ontario	93.38
Orange	91.60
Orleans	68.33
Oswego	71.46
Otsego	75.20
Putnam	127.40
Queens	92.97
Rensselaer	92.57
Richmond	110.11
Rockland	133.89
St. Lawrence	67.12
Saratoga	102.38
Schenectady	103.55
Schoharie	77.28
Schuyler	73.17
Seneca	75.42
Steuben	86.63
Suffolk	121.99
Sullivan	86.16

Tioga	78.64
Tompkins	83.18
Ulster	86.21
Warren	89.84
Washington	72.16
Wayne	82.59
Westchester	178.63
Wyoming	71.66
Yates	67.69
North Carolina	
Alamance	80.95
Alexander	78.34
Alleghany	75.28
Anson	67.39
Ashe	74.63
Avery	72.23
Beaufort	73.90
Bertie	67.97
Bladen	69.90
Brunswick	77.60
Buncombe	86.42
Burke	75.62
Cabarrus	92.77
Caldwell	79.13
Camden	79.39
Carteret	88.74
Caswell	67.98
Catawba	83.71
Chatham	110.03
Cherokee	62.19
Chowan	80.70
Clay	67.16
Cleveland	75.31
Columbus	72.24
Craven	87.07
Cumberland	91.21
Currituck	87.21
Dare	96.08
Davidson	83.60
Davie	92.66
Duplin	67.82
Durham	98.70
Edgecombe	73.00
Forsyth	101.39
Franklin	75.71
Gaston	87.16
Gates	68.93
Graham	68.42
Granville	68.12
Greene	66.93
Guilford	100.38
Halifax	66.50
Harnett	71.68
Haywood	77.22

Henderson	88.27
Hertford	64.43
Hoke	58.22
Hyde	66.20
Iredell	86.81
Jackson	72.43
Johnston	81.96
Jones	74.22
Lee	80.85
Lenoir	78.38
Lincoln	77.06
McDowell	67.05
Macon	74.55
Madison	67.38
Martin	71.85
Mecklenburg	123.56
Mitchell	65.07
Montgomery	72.23
Moore	101.95
Nash	84.67
New Hanover	93.45
Northampton	75.46
Onslow	87.47
Orange	111.80
Pamlico	79.63
Pasquotank	69.91
Pender	69.49
Perquimans	73.17
Person	75.45
Pitt	81.10
Polk	102.88
Randolph	74.41
Richmond	66.18
Robeson	59.08
Rockingham	73.69
Rowan	79.54
Rutherford	71.55
Sampson	70.66
Scotland	66.28
Stanly	74.91
Stokes	75.62
Surry	75.43
Swain	64.43
Transylvania	80.62
Tyrrell	62.26
Union	84.54
Vance	67.84
Wake	110.87
Warren	58.82
Washington	69.61
Watauga	80.04
Wayne	75.29
Wilkes	81.18
Wilson	80.80

Yadkin	74.82
Yancey	62.07
North Dakota	
Adams	75.85
Barnes	86.43
Benson	61.33
Billings	80.59
Bottineau	92.10
Bowman	93.47
Burke	91.52
Burleigh	98.58
Cass	101.49
Cavalier	95.70
Dickey	96.40
Divide	79.05
Dunn	71.01
Eddy	77.52
Emmons	75.10
Foster	84.20
Golden Valley	63.27
Grand Forks	86.69
Grant	68.78
Griggs	89.93
Hettinger	84.52
Kidder	81.97
LaMoure	100.61
Logan	94.56
McHenry	74.90
McIntosh	86.86
McKenzie	74.85
McLean	90.50
Mercer	95.66
Morton	79.43
Mountrail	82.97
Nelson	77.43
Oliver	87.85
Pembina	85.46
Pierce	70.09
Ramsey	82.09
Ransom	89.93
Renville	92.71
Richland	83.70
Rolette	62.51
Sargent	112.39
Sheridan	82.69
Sioux	51.57
Slope	67.70
Stark	85.07
Steele	86.19
Stutsman	86.37
Towner	93.03
Traill	85.48
Walsh	84.24
Ward	95.03

Wells	89.42
Williams	85.40
Ohio	
Adams	63.46
Allen	81.05
Ashland	73.07
Ashtabula	75.04
Athens	64.27
Auglaize	89.33
Belmont	74.66
Brown	73.84
Butler	93.28
Carroll	69.33
Champaign	79.89
Clark	83.96
Clermont	94.75
Clinton	81.36
Columbiana	71.10
Coshocton	72.65
Crawford	75.03
Cuyahoga	107.21
Darke	82.22
Defiance	84.56
Delaware	123.28
Erie	98.43
Fairfield	90.03
Fayette	80.48
Franklin	106.49
Fulton	89.04
Gallia	76.94
Geauga	119.90
Greene	96.53
Guernsey	69.23
Hamilton	115.98
Hancock	93.77
Hardin	67.47
Harrison	69.16
Henry	82.44
Highland	70.18
Hocking	69.14
Holmes	63.75
Huron	76.03
Jackson	65.74
Jefferson	76.96
Knox	76.70
Lake	97.90
Lawrence	66.67
Licking	88.71
Logan	86.28
Lorain	85.62
Lucas	91.93
Madison	84.47
Mahoning	82.90
Marion	76.95

Medina	98.26
Meigs	59.59
Mercer	85.21
Miami	90.52
Monroe	67.66
Montgomery	94.76
Morgan	60.33
Morrow	74.03
Muskingum	76.82
Noble	52.82
Ottawa	95.44
Paulding	73.95
Perry	62.15
Pickaway	75.16
Pike	64.87
Portage	87.12
Preble	76.88
Putnam	84.22
Richland	80.01
Ross	73.28
Sandusky	79.92
Scioto	69.22
Seneca	77.50
Shelby	89.07
Stark	85.65
Summit	100.38
Trumbull	81.33
Tuscarawas	74.38
Union	88.82
Van Wert	79.85
Vinton	56.99
Warren	98.77
Washington	77.64
Wayne	79.69
Williams	80.82
Wood	89.43
Wyandot	82.88
Oklahoma	
Adair	57.13
Alfalfa	65.90
Atoka	56.40
Beaver	72.91
Beckham	69.71
Blaine	57.14
Bryan	68.94
Caddo	60.59
Canadian	83.82
Carter	76.55
Cherokee	62.10
Choctaw	59.48
Cimarron	65.78
Cleveland	85.36
Coal	52.10
Comanche	80.93

Cotton	73.74
Craig	69.67
Creek	70.13
Custer	71.33
Delaware	72.85
Dewey	77.27
Ellis	76.81
Garfield	86.68
Garvin	74.66
Grady	68.88
Grant	86.26
Greer	70.85
Harmon	70.39
Harper	95.26
Haskell	66.27
Hughes	58.77
Jackson	79.49
Jefferson	62.41
Johnston	61.45
Kay	82.87
Kingfisher	84.69
Kiowa	67.45
Latimer	67.74
Le Flore	64.13
Lincoln	65.15
Logan	84.50
Love	67.83
McClain	79.20
McCurtain	67.28
McIntosh	62.93
Major	70.68
Marshall	64.49
Mayer	66.24
Murray	67.63
Muskogee	69.40
Noble	69.46
Nowata	57.65
Okfuskee	56.70
Oklahoma	102.56
Okmulgee	63.56
Osage	73.64
Ottawa	68.58
Pawnee	67.98
Payne	69.92
Pittsburg	69.65
Pontotoc	73.60
Pottawatomie	70.78
Pushmataha	59.99
Roger Mills	75.92
Rogers	77.35
Seminole	63.27
Sequoyah	63.50
Stephens	76.96
Texas	79.12

Tillman	63.35
Tulsa	113.61
Wagoner	70.68
Washington	94.52
Washita	62.49
Woods	74.61
Woodward	72.02
Oregon	
Baker	69.48
Benton	105.55
Clackamas	114.92
Clatsop	84.53
Columbia	85.12
Coos	79.34
Crook	69.80
Curry	78.21
Deschutes	92.94
Douglas	79.13
Gilliam	75.40
Grant	81.12
Harney	75.49
Hood River	78.13
Jackson	87.49
Jefferson	68.98
Josephine	72.74
Klamath	76.10
Lake	75.94
Lane	85.89
Lincoln	85.33
Linn	77.81
Malheur	62.15
Marion	83.71
Morrow	77.97
Multnomah	109.43
Polk	82.55
Sherman	68.87
Tillamook	82.54
Umatilla	74.85
Union	81.11
Wallowa	80.34
Wasco	77.17
Washington	101.24
Wheeler	72.02
Yamhill	83.22
Pennsylvania	
Adams	85.37
Allegheny	119.63
Armstrong	81.61
Beaver	84.08
Bedford	70.45
Berks	92.98
Blair	80.28
Bradford	73.64
Bucks	130.39

Butler	96.04
Cambria	76.78
Cameron	76.58
Carbon	80.77
Centre	83.91
Chester	149.24
Clarion	79.37
Clearfield	74.33
Clinton	73.33
Columbia	80.74
Crawford	71.52
Cumberland	106.41
Dauphin	102.65
Delaware	121.25
Elk	86.19
Erie	80.08
Fayette	75.84
Forest	64.04
Franklin	85.10
Fulton	81.79
Greene	67.67
Huntingdon	66.76
Indiana	78.89
Jefferson	74.00
Juniata	80.28
Lackawanna	90.67
Lancaster	94.30
Lawrence	77.30
Lebanon	90.71
Lehigh	102.75
Luzerne	88.25
Lycoming	81.83
McKean	79.09
Mercer	78.43
Mifflin	71.00
Monroe	79.41
Montgomery	157.02
Montour	96.30
Northampton	95.10
Northumberland	78.29
Perry	83.37
Philadelphia	89.83
Pike	78.27
Potter	79.41
Schuylkill	77.44
Snyder	84.70
Somerset	71.33
Sullivan	73.91
Susquehanna	76.17
Tioga	67.37
Union	73.42
Venango	78.67
Warren	78.48
Washington	97.21

Wayne	78.73
Westmoreland	92.92
Wyoming	76.37
York	93.39
Rhode Island	
Bristol	126.28
Kent	110.32
Newport	124.41
Providence	93.49
Washington	116.45
South Carolina	
Abbeville	63.78
Aiken	83.70
Allendale	54.34
Anderson	79.06
Bamberg	60.45
Barnwell	59.90
Beaufort	112.73
Berkeley	76.99
Calhoun	80.73
Charleston	97.81
Cherokee	66.35
Chester	70.93
Chesterfield	65.49
Clarendon	62.05
Colleton	65.58
Darlington	75.05
Dillon	61.22
Dorchester	76.38
Edgefield	66.62
Fairfield	68.46
Florence	82.60
Georgetown	86.39
Greenville	92.73
Greenwood	74.49
Hampton	62.38
Horry	78.56
Jasper	66.62
Kershaw	82.79
Lancaster	67.73
Laurens	68.51
Lee	58.67
Lexington	92.60
McCormick	58.41
Marion	61.01
Marlboro	59.09
Newberry	69.18
Oconee	83.31
Orangeburg	69.99
Pickens	72.05
Richland	90.56
Saluda	73.80
Spartanburg	78.54
Sumter	71.99

Union	70.80
Williamsburg	57.69
York	87.42
South Dakota	
Aurora	86.74
Beadle	91.88
Bennett	59.32
Bon Homme	76.69
Brookings	82.19
Brown	105.27
Brule	77.74
Buffalo	44.72
Butte	70.42
Campbell	78.78
Charles Mix	78.79
Clark	81.64
Clay	83.61
Codington	90.25
Corson	56.70
Custer	81.87
Davison	98.07
Day	82.03
Deuel	88.74
Dewey	59.33
Douglas	78.40
Edmunds	102.13
Fall River	74.54
Faulk	84.64
Grant	89.15
Gregory	83.68
Haakon	91.81
Hamlin	74.55
Hand	88.52
Hanson	75.50
Harding	67.10
Hughes	94.20
Hutchinson	89.35
Hyde	74.67
Jackson	49.12
Jerauld	91.19
Jones	87.63
Kingsbury	92.11
Lake	86.04
Lawrence	81.62
Lincoln	98.80
Lyman	67.47
McCook	89.81
McPherson	72.59
Marshall	86.18
Meade	94.92
Mellette	56.23
Miner	72.74
Minnehaha	106.55
Moody	87.57

Pennington	91.45
Perkins	77.38
Potter	106.04
Roberts	71.45
Sanborn	103.52
Shannon	46.73
Spink	96.46
Stanley	97.69
Sully	117.94
Todd	44.48
Tripp	79.63
Turner	95.06
Union	126.65
Walworth	74.02
Yankton	83.31
Ziebach	38.38
Tennessee	
Anderson	85.44
Bedford	77.85
Benton	63.35
Bledsoe	62.54
Blount	80.69
Bradley	82.30
Campbell	66.20
Cannon	77.55
Carroll	69.76
Carter	63.77
Cheatham	85.71
Chester	66.95
Claiborne	66.65
Clay	61.06
Cocke	58.32
Coffee	84.12
Crockett	72.27
Cumberland	71.45
Davidson	121.22
Decatur	71.96
DeKalb	73.15
Dickson	76.08
Dyer	78.91
Fayette	86.36
Fentress	65.03
Franklin	70.34
Gibson	75.69
Giles	73.71
Grainger	63.33
Greene	87.79
Grundy	62.36
Hamblen	77.61
Hamilton	100.95
Hancock	45.48
Hardeman	59.34
Hardin	72.58
Hawkins	68.22

Haywood	67.17
Henderson	70.40
Henry	73.02
Hickman	58.35
Houston	67.72
Humphreys	73.45
Jackson	68.41
Jefferson	68.45
Johnson	53.76
Knox	95.20
Lake	47.36
Lauderdale	56.63
Lawrence	67.37
Lewis	59.68
Lincoln	76.27
Loudon	88.46
McMinn	71.02
McNairy	74.01
Macon	68.07
Madison	85.36
Marion	72.86
Marshall	74.23
Maury	84.39
Meigs	64.36
Monroe	65.21
Montgomery	89.00
Moore	75.88
Morgan	56.19
Obion	78.58
Overton	62.63
Perry	70.48
Pickett	57.77
Polk	69.17
Putnam	76.74
Rhea	67.23
Roane	79.65
Robertson	84.37
Rutherford	86.74
Scott	56.75
Sequatchie	67.83
Sevier	81.61
Shelby	105.59
Smith	73.57
Stewart	67.10
Sullivan	84.59
Sumner	89.40
Tipton	75.64
Trousdale	67.01
Unicoi	74.99
Union	56.80
Van Buren	69.94
Warren	73.07
Washington	81.15
Wayne	52.33

Weakley	70.48
White	62.62
Williamson	136.81
Wilson	99.19
Texas	
Anderson	58.92
Andrews	76.48
Angelina	82.45
Aransas	79.52
Archer	87.05
Armstrong	86.31
Atascosa	62.65
Austin	87.61
Bailey	71.17
Bandera	80.93
Bastrop	68.99
Baylor	68.03
Bee	50.40
Bell	87.25
Bexar	89.38
Blanco	88.85
Borden	85.18
Bosque	70.71
Bowie	78.69
Brazoria	87.13
Brazos	71.26
Brewster	78.57
Briscoe	67.96
Brooks	53.39
Brown	68.53
Burleson	71.53
Burnet	84.54
Caldwell	63.54
Calhoun	71.13
Callahan	69.33
Cameron	51.17
Camp	83.16
Carson	78.37
Cass	71.46
Castro	121.46
Chambers	94.33
Cherokee	72.99
Childress	52.89
Clay	77.57
Cochran	84.00
Coke	58.49
Coleman	67.30
Collin	129.49
Collingsworth	89.25
Colorado	77.91
Comal	93.89
Comanche	74.56
Concho	53.22
Cooke	84.69

Coryell	70.21
Cottle	85.95
Crane	65.71
Crockett	54.21
Crosby	87.37
Culberson	50.24
Dallam	88.51
Dallas	116.92
Dawson	62.14
Deaf Smith	70.61
Delta	62.78
Denton	100.29
DeWitt	69.27
Dickens	53.26
Dimmit	51.73
Donley	72.39
Duval	59.52
Eastland	76.83
Ector	72.45
Edwards	59.48
Ellis	81.92
El Paso	66.86
Erath	73.32
Falls	61.32
Fannin	66.26
Fayette	90.60
Fisher	74.17
Floyd	83.10
Foard	68.75
Fort Bend	104.76
Franklin	82.20
Freestone	64.08
Frio	52.36
Gaines	72.79
Galveston	96.69
Garza	68.23
Gillespie	94.01
Glasscock	83.57
Goliad	68.30
Gonzales	77.14
Gray	85.44
Grayson	75.51
Gregg	96.45
Grimes	62.34
Guadalupe	81.69
Hale	68.04
Hall	58.37
Hamilton	75.71
Hansford	104.33
Hardeman	71.88
Hardin	79.25
Harris	118.36
Harrison	76.20
Hartley	89.84

Haskell	77.02
Hays	74.44
Hemphill	113.68
Henderson	72.06
Hidalgo	47.29
Hill	67.67
Hockley	72.76
Hood	87.09
Hopkins	72.71
Houston	70.48
Howard	69.16
Hudspeth	48.12
Hunt	75.74
Hutchinson	70.94
Irion	77.46
Jack	63.96
Jackson	69.15
Jasper	68.87
Jeff Davis	60.49
Jefferson	83.50
Jim Hogg	68.75
Jim Wells	68.85
Johnson	76.99
Jones	57.68
Karnes	51.56
Kaufman	76.95
Kendall	105.65
Kenedy	99.31
Kent	76.23
Kerr	94.94
Kimble	60.25
King	74.89
Kinney	61.98
Kleberg	69.57
Knox	71.50
Lamar	72.44
Lamb	68.48
Lampasas	80.58
La Salle	50.05
Lavaca	81.30
Lee	73.82
Leon	75.27
Liberty	75.36
Limestone	68.11
Lipscomb	82.56
Live Oak	59.40
Llano	77.37
Loving	241.60
Lubbock	80.50
Lynn	84.16
McCulloch	76.93
McLennan	78.01
McMullen	82.61
Madison	65.26

Marion	59.16
Martin	73.71
Mason	72.55
Matagorda	66.09
Maverick	41.60
Medina	67.18
Menard	58.29
Midland	112.73
Milam	67.85
Mills	71.00
Mitchell	51.09
Montague	75.51
Montgomery	101.36
Moore	70.30
Morris	75.53
Motley	68.16
Nacogdoches	66.48
Navarro	67.33
Newton	55.68
Nolan	70.06
Nueces	84.94
Ochiltree	94.77
Oldham	69.34
Orange	76.58
Palo Pinto	73.65
Panola	76.61
Parker	87.44
Parmer	76.18
Pecos	51.45
Polk	79.61
Potter	76.48
Presidio	44.24
Rains	61.63
Randall	87.60
Reagan	70.80
Real	61.51
Red River	62.71
Reeves	52.31
Refugio	83.64
Roberts	83.00
Robertson	74.75
Rockwall	106.61
Runnels	64.72
Rusk	71.13
Sabine	71.21
San Augustine	65.26
San Jacinto	67.81
San Patricio	71.45
San Saba	65.82
Schleicher	60.42
Scurry	82.57
Shackelford	83.29
Shelby	69.60
Sherman	139.37

Smith	90.50
Somervell	78.64
Starr	34.81
Stephens	68.54
Sterling	57.96
Stonewall	91.02
Sutton	77.37
Swisher	88.38
Tarrant	99.72
Taylor	84.49
Terrell	64.10
Terry	76.71
Throckmorton	90.84
Titus	73.12
Tom Green	83.35
Travis	110.21
Trinity	64.85
Tyler	63.72
Upshur	70.23
Upton	74.29
Uvalde	65.09
Val Verde	64.77
Van Zandt	79.58
Victoria	87.86
Walker	55.92
Waller	75.66
Ward	67.56
Washington	92.13
Webb	54.06
Wharton	75.96
Wheeler	108.83
Wichita	88.45
Wilbarger	76.63
Willacy	53.08
Williamson	89.96
Wilson	74.98
Winkler	69.47
Wise	72.13
Wood	66.66
Yoakum	83.28
Young	83.66
Zapata	42.64
Zavala	42.79
Utah	
Beaver	79.42
Box Elder	67.51
Cache	65.60
Carbon	74.60
Daggett	56.60
Davis	83.62
Duchesne	71.21
Emery	61.96
Garfield	66.53
Grand	68.93

Iron	60.28
Juab	59.85
Kane	78.48
Millard	66.14
Morgan	72.12
Piute	63.77
Rich	74.02
Salt Lake	92.72
San Juan	46.10
Sanpete	51.28
Sevier	59.43
Summit	145.31
Tooele	63.75
Uintah	65.39
Utah	61.74
Wasatch	69.41
Washington	65.27
Wayne	64.10
Weber	79.67
Vermont	
Addison	88.17
Bennington	100.34
Caledonia	79.70
Chittenden	110.08
Essex	59.65
Franklin	84.90
Grand Isle	90.96
Lamoille	94.02
Orange	81.19
Orleans	77.67
Rutland	91.61
Washington	98.57
Windham	93.91
Windsor	97.74
Virginia	
Accomack	65.15
Amelia	85.03
Amherst	73.07
Appomattox	76.25
Arlington	172.13
Bath	91.10
Bland	63.27
Botetourt	94.58
Brunswick	59.43
Buchanan	67.43
Buckingham	58.24
Caroline	82.47
Charles City	84.40
Charlotte	64.94
Chesterfield	109.32
Clarke	100.67
Craig	74.20
Culpeper	88.78
Cumberland	67.00

Dickenson	59.10
Essex	75.35
Fauquier	130.37
Floyd	69.11
Fluvanna	79.23
Franklin	80.31
Giles	69.20
Gloucester	84.92
Goochland	149.16
Grayson	63.89
Greene	78.18
Halifax	65.77
Hanover	108.10
Henrico	117.16
Highland	82.39
Isle of Wight	92.29
King and Queen	80.29
King George	99.05
King William	93.74
Lancaster	110.69
Lee	64.83
Loudoun	119.52
Louisa	88.63
Lunenburg	60.38
Madison	80.63
Mathews	119.75
Mecklenburg	69.34
Middlesex	91.47
Nelson	84.92
New Kent	89.44
Northampton	74.78
Northumberland	88.22
Nottoway	71.17
Orange	84.68
Page	67.79
Patrick	61.14
Powhatan	90.94
Prince Edward	54.52
Pulaski	80.28
Rappahannock	97.57
Richmond	61.90
Russell	63.41
Scott	64.72
Shenandoah	81.10
Smyth	68.67
Stafford	96.43
Surry	72.83
Sussex	65.49
Tazewell	72.11
Warren	88.60
Westmoreland	81.42
Wythe	69.46
Alexandria (Independent City)	174.89
Chesapeake	97.45

(Independent City)	
Hampton (Independent City)	87.67
Newport News (Independent City)	81.36
Norfolk (Independent City)	87.13
Portsmouth (Independent City)	80.99
Richmond (Independent City)	111.73
Roanoke (Independent City)	92.88
Suffolk (Independent City)	86.36
Virginia Beach (Independent City)	108.98
Albemarle + Charlottesville	112.24
Alleghany + Covington	75.87
Augusta, Staunton + Waynesboro	83.15
Bedford + Bedford City	94.04
Campbell + Lynchburg	80.99
Carroll + Galax	69.46
Dinwiddie, Colonial Heights + Petersburg	85.05
Fairfax, Fairfax City + Falls Church	173.09
Frederick + Winchester	91.99
Greensville + Emporia	59.25
Henry + Martinsville	74.35
James City + Williamsburg	121.09
Montgomery + Radford	67.73
Pittsylvania + Danville	75.51
Prince George + Hopewell	77.43
Prince William, Manassas + Manassas Park	105.46
Roanoke + Salem	103.36
Rockbridge, Buena Vista + Lexington	78.28
Rockingham + Harrisonburg	76.85
Southampton + Franklin	78.56
Spotsylvania + Fredericksburg	96.28
Washington + Bristol	79.61
Wise + Norton	68.42
York + Poquoson	107.47

Washington	
Adams	68.83
Asotin	81.67
Benton	92.33
Chelan	86.77
Clallam	86.16
Clark	90.93
Columbia	78.30
Cowlitz	77.12
Douglas	71.36
Ferry	58.46
Franklin	62.72
Garfield	67.48
Grant	67.08
Grays Harbor	72.75
Island	89.45
Jefferson	101.32
King	143.52
Kitsap	103.26
Kittitas	74.51
Klickitat	75.34
Lewis	73.71
Lincoln	75.47
Mason	77.73
Okanogan	75.86
Pacific	71.34
Pend Oreille	67.84
Pierce	94.61
San Juan	127.24
Skagit	92.02
Skamania	74.64
Snohomish	99.49
Spokane	85.13
Stevens	64.59
Thurston	98.54
Wahkiakum	76.14
Walla Walla	74.75
Whatcom	85.31
Whitman	63.80
Yakima	74.84
West Virginia	
Barbour	60.63
Berkeley	79.24
Boone	62.56
Braxton	55.83
Brooke	74.93
Cabell	82.14
Calhoun	53.57
Clay	48.02
Doddridge	56.84
Fayette	64.68
Gilmer	62.71
Grant	72.05
Greenbrier	73.81

Hampshire	62.31
Hancock	76.69
Hardy	67.69
Harrison	84.90
Jackson	66.15
Jefferson	91.72
Kanawha	100.69
Lewis	68.70
Lincoln	54.54
Logan	71.70
McDowell	52.15
Marion	77.98
Marshall	74.58
Mason	62.62
Mercer	74.41
Mineral	70.46
Mingo	64.07
Monongalia	86.21
Monroe	61.33
Morgan	87.30
Nicholas	65.78
Ohio	93.26
Pendleton	71.45
Pleasants	78.53
Pocahontas	71.88
Preston	66.73
Putnam	86.36
Raleigh	77.48
Randolph	74.27
Ritchie	66.19
Roane	57.92
Summers	55.10
Taylor	61.05
Tucker	70.26
Tyler	61.11
Upshur	61.97
Wayne	62.84
Webster	53.41
Wetzel	72.42
Wirt	53.23
Wood	81.32
Wyoming	60.96
Wisconsin	
Adams	72.59
Ashland	73.43
Barron	79.59
Bayfield	72.14
Brown	100.98
Buffalo	94.12
Burnett	73.40
Calumet	102.89
Chippewa	82.61
Clark	71.53
Columbia	98.64

Crawford	71.98
Dane	115.92
Dodge	82.93
Door	97.64
Douglas	75.35
Dunn	73.29
Eau Claire	87.12
Florence	75.57
Fond du Lac	95.21
Forest	68.74
Grant	78.07
Green	91.03
Green Lake	85.22
Iowa	89.68
Iron	72.79
Jackson	83.07
Jefferson	93.34
Juneau	70.68
Kenosha	92.30
Kewaunee	81.89
La Crosse	89.69
Lafayette	71.88
Langlade	74.59
Lincoln	78.60
Manitowoc	89.32
Marathon	94.27
Marinette	81.01
Marquette	71.63
Menominee	58.26
Milwaukee	98.99
Monroe	75.02
Oconto	79.57
Oneida	91.71
Outagamie	97.58
Ozaukee	152.64
Pepin	78.70
Pierce	88.87
Polk	77.69
Portage	87.55
Price	77.82
Racine	99.36
Richland	74.57
Rock	88.07
Rusk	65.19
St. Croix	99.60
Sauk	92.58
Sawyer	76.39
Shawano	77.08
Sheboygan	99.88
Taylor	72.60
Trempealeau	80.20
Vernon	67.20
Vilas	81.44
Walworth	88.23

Washburn	71.91
Washington	110.26
Waukesha	132.02
Waupaca	86.76
Waushara	67.18
Winnebago	97.38
Wood	96.60
Wyoming	
Albany	90.08
Big Horn	73.75
Campbell	103.92
Carbon	86.90
Converse	97.02
Crook	100.74
Fremont	82.90
Goshen	79.20
Hot Springs	93.37
Johnson	97.83
Laramie	105.82
Lincoln	84.93
Natrona	116.47
Niobrara	96.99
Park	97.89
Platte	87.59
Sheridan	111.68
Sublette	116.81
Sweetwater	106.38
Teton	256.29
Uinta	92.51
Washakie	99.79
Weston	101.18

**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. 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/bea/regional/reis/default.cfm?catable=CA1-3§ion=2> 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/bea/regional/reis/default.cfm?catable=Single%20Line> 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 $b_2 = 2 \times b_1$, 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 b_1 and b_2 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 Cooperation Agreement (PCA) 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://a257.g.akamaitech.net/7/257/2422/14mar20010800/edocket.access.gpo.gov/cfr_2002/julqtr/pdf/33cfr241.6.pdf#search=%2254%20fr%2040581%20%2B%2060%20fr%205134%22