



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
WASHINGTON, D.C. 20314-1000

REPLY TO
ATTENTION OF:

CECW-CP

15 December, 2006

MEMORANDUM FOR PLANNING COMMUNITY OF PRACTICE

SUBJECT: Economic Guidance Memorandum, 07-04, 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-PC 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

ENCLOSURE A
MAIN

Economic Guidance Memorandum Number
05-03 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 2000 to 2002. 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:

$$a = 18.8676$$

$$b_1 = .0806$$

$$b_2 = .1612$$

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, 2002-2004							
Area Name	State	Personal Income Average	Average as a Percent of US	Area Name	State	Personal Income Average	Average as a Percent of US
United States		31,781	100.00%	Oregon	OR	29,549	92.98%
Alabama	AL	26,477	83.31%	Pennsylvania	PA	32,032	100.79%
Alaska	AK	33,122	104.22%	Rhode Island	RI	32,715	102.94%
Arizona	AZ	27,455	86.39%	South Carolina	SC	26,173	82.35%
Arkansas	AR	24,502	77.10%	South Dakota	SD	28,799	90.62%
California	CA	33,807	106.38%	Tennessee	TN	28,591	89.96%
Colorado	CO	34,889	109.78%	Texas	TX	29,677	93.38%
Connecticut	CT	43,505	136.89%	Utah	UT	25,616	80.60%
Delaware	DE	34,142	107.43%	Vermont	VT	30,406	95.67%
District of Columbia	DC	48,181	151.60%	Virginia	VA	34,396	108.23%
Florida	FL	30,435	95.77%	Washington	WA	33,491	105.38%
Georgia	GA	28,997	91.24%	West Virginia	WV	24,770	77.94%
Hawaii	HI	30,875	97.15%	Wisconsin	WI	30,952	97.39%
Idaho	ID	25,797	81.17%	Wyoming	WY	32,515	102.31%
Illinois	IL	33,782	106.30%				
Indiana	IN	29,035	91.36%				
Iowa	IA	29,238	92.00%				
Kansas	KS	29,919	94.14%				
Kentucky	KY	26,207	82.46%				
Louisiana	LA	26,123	82.20%				
Maine	ME	28,766	90.51%				
Maryland	MD	37,862	119.14%				
Massachusetts	MA	40,320	126.87%				
Michigan	MI	31,296	98.47%				
Minnesota	MN	34,559	108.74%				
Mississippi	MS	23,370	73.53%				
Missouri	MO	29,348	92.34%				
Montana	MT	26,300	82.75%				
Nebraska	NE	30,757	96.78%				
Nevada	NV	32,155	101.18%				
New Hampshire	NH	35,053	110.30%				
New Jersey	NJ	40,182	126.44%				
New Mexico	NM	25,107	79.00%				
New York	NY	36,522	114.92%				
North Carolina	NC	28,230	88.83%				
North Dakota	ND	28,250	88.89%				
Ohio	OH	30,109	94.74%				
Oklahoma	OK	26,754	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 (2002-2004)

County (or Area)	3-Year Average Index
Alabama	
Autauga	79.68
Baldwin	86.35
Barbour	66.38
Bibb	60.86
Blount	68.59
Bullock	55.04
Butler	70.93
Calhoun	78.07
Chambers	68.72
Cherokee	66.70
Chilton	67.48
Choctaw	67.60
Clarke	67.42
Clay	66.33
Cleburne	65.46
Coffee	86.05
Colbert	72.83
Conecuh	63.64
Coosa	62.10
Covington	72.78
Crenshaw	75.90
Cullman	75.23
Dale	70.36
Dallas	67.24
DeKalb	72.59
Elmore	77.92
Escambia	62.26
Etowah	75.77
Fayette	66.74
Franklin	69.41
Geneva	73.73
Greene	62.96
Hale	57.87
Henry	71.23
Houston	86.27
Jackson	69.61
Jefferson	108.15
Lamar	64.21
Lauderdale	75.33
Lawrence	70.81
Lee	70.67
Limestone	79.31
Lowndes	60.24
Macon	54.93
Madison	99.30
Marengo	75.14

Marion	65.15
Marshall	79.32
Mobile	72.57
Monroe	67.28
Montgomery	97.59
Morgan	88.39
Perry	57.88
Pickens	66.48
Pike	78.91
Randolph	63.51
Russell	68.42
St. Clair	74.52
Shelby	110.21
Sumter	57.71
Talladega	75.09
Tallapoosa	71.04
Tuscaloosa	87.25
Walker	74.07
Washington	59.84
Wilcox	54.31
Winston	64.79
Alaska	
Aleutians East Borough	79.87
Aleutians West Census Area	82.60
Anchorage Municipality	119.36
Bethel Census Area	72.02
Bristol Bay Borough	128.40
Denali Borough	124.63
Dillingham Census Area	88.81
Fairbanks North Star Borough	96.56
Haines Borough	113.88
Juneau City and Borough	111.48
Kenai Peninsula Borough	91.32
Ketchikan Gateway Borough	117.98
Kodiak Island Borough	92.35
Lake and Peninsula Borough	70.57
Matanuska-Susitna Borough	91.65
Nome Census Area	77.74
North Slope Borough	115.32
Northwest Arctic Borough	76.75

Prince of Wales-Outer Ketchikan Census Area	67.11
Sitka City and Borough	96.01
Skagway-Hoonah-Angoon Census Area	102.25
Southeast Fairbanks Census Area	85.21
Valdez-Cordova Census Area	104.54
Wade Hampton Census Area	48.43
Wrangell-Petersburg Census Area	97.64
Yakutat City and Borough	100.71
Yukon-Koyukuk Census Area	75.29
Arizona	
Apache	52.35
Cochise	73.35
Coconino	79.18
Gila	68.03
Graham	52.77
Greenlee	67.29
La Paz	59.19
Maricopa	95.85
Mohave	63.33
Navajo	51.97
Pima	81.83
Pinal	63.58
Santa Cruz	57.10
Yavapai	70.08
Yuma	62.33
Arkansas	
Arkansas	82.00
Ashley	72.35
Baxter	76.12
Benton	87.30
Boone	69.17
Bradley	65.69
Calhoun	66.02
Carroll	61.54
Chicot	60.15
Clark	68.28
Clay	63.53
Cleburne	73.47
Cleveland	74.14
Columbia	75.43
Conway	73.30
Craighead	76.57

Crawford	64.47
Crittenden	69.95
Cross	62.58
Dallas	67.21
Desha	63.49
Drew	68.41
Faulkner	77.12
Franklin	69.73
Fulton	57.75
Garland	79.72
Grant	77.93
Greene	65.37
Hempstead	65.99
Hot Spring	63.13
Howard	69.85
Independence	70.73
Izard	59.73
Jackson	68.32
Jefferson	70.17
Johnson	62.01
Lafayette	64.23
Lawrence	60.37
Lee	57.18
Lincoln	53.37
Little River	70.32
Logan	64.20
Lonoke	76.84
Madison	64.10
Marion	58.88
Miller	74.66
Mississippi	67.51
Monroe	62.77
Montgomery	62.33
Nevada	68.51
Newton	53.57
Ouachita	66.66
Perry	71.17
Phillips	60.70
Pike	67.10
Poinsett	64.14
Polk	60.53
Pope	71.12
Prairie	65.66
Pulaski	106.37
Randolph	58.55
St. Francis	58.76
Saline	81.19
Scott	62.89
Searcy	52.52
Sebastian	88.50
Sevier	65.03
Sharp	55.23
Stone	60.17
Union	89.36

Van Buren	59.35
Washington	78.30
White	66.31
Woodruff	64.22
Yell	66.90
California	
Alameda	123.02
Alpine	90.63
Amador	84.97
Butte	76.43
Calaveras	83.32
Colusa	81.78
Contra Costa	140.77
Del Norte	60.44
El Dorado	116.96
Fresno	77.10
Glenn	66.99
Humboldt	79.08
Imperial	66.53
Inyo	81.71
Kern	73.54
Kings	63.09
Lake	81.36
Lassen	61.42
Los Angeles	100.12
Madera	65.32
Marin	210.01
Mariposa	74.33
Mendocino	82.34
Merced	68.74
Modoc	77.32
Mono	99.62
Monterey	101.97
Napa	122.39
Nevada	102.14
Orange	125.41
Placer	118.38
Plumas	89.65
Riverside	80.24
Sacramento	96.73
San Benito	92.11
San Bernardino	75.70
San Diego	113.59
San Francisco	174.84
San Joaquin	77.93
San Luis Obispo	96.52
San Mateo	167.08
Santa Barbara	107.45
Santa Clara	148.73
Santa Cruz	120.39
Shasta	83.38
Sierra	71.57
Siskiyou	76.81
Solano	96.00

Sonoma	117.65
Stanislaus	77.71
Sutter	82.62
Tehama	66.18
Trinity	69.43
Tulare	69.09
Tuolumne	79.51
Ventura	112.53
Yolo	87.99
Yuba	68.99
Colorado	
Adams	88.19
Alamosa	73.92
Arapahoe	142.65
Archuleta	65.47
Baca	78.00
Bent	57.74
Boulder	131.76
Broomfield	108.93
Chaffee	72.20
Cheyenne	88.43
Clear Creek	138.84
Conejos	54.83
Costilla	62.59
Crowley	50.33
Custer	78.56
Delta	68.63
Denver	138.57
Dolores	74.02
Douglas	124.52
Eagle	125.49
Elbert	100.75
El Paso	97.12
Fremont	61.45
Garfield	87.06
Gilpin	115.84
Grand	97.81
Gunnison	83.80
Hinsdale	81.23
Huerfano	57.69
Jackson	68.01
Jefferson	122.57
Kiowa	90.10
Kit Carson	79.85
Lake	66.00
La Plata	94.34
Larimer	100.36
Las Animas	70.13
Lincoln	57.40
Logan	78.14
Mesa	82.91
Mineral	79.72
Moffat	78.76
Montezuma	75.62

Montrose	78.77
Morgan	73.58
Otero	72.85
Ouray	101.08
Park	87.89
Phillips	74.15
Pitkin	221.84
Prowers	75.06
Pueblo	77.81
Rio Blanco	86.39
Rio Grande	82.13
Routt	119.14
Saguache	54.78
San Juan	86.27
San Miguel	110.15
Sedgwick	78.76
Summit	106.93
Teller	93.95
Washington	74.79
Weld	75.91
Yuma	79.65
Connecticut	
Fairfield	190.73
Hartford	125.26
Litchfield	122.25
Middlesex	124.16
New Haven	115.33
New London	114.33
Tolland	107.29
Windham	91.92
Delaware	
Kent	83.01
New Castle	121.02
Sussex	85.48
District of Columbia	
District of Columbia	151.60
Florida	
Alachua	82.88
Baker	66.51
Bay	83.88
Bradford	64.29
Brevard	91.09
Broward	103.29
Calhoun	54.76
Charlotte	80.78
Citrus	74.53
Clay	86.22
Collier	133.07
Columbia	62.58
DeSoto	52.23
Dixie	52.20
Duval	96.72
Escambia	80.59
Flagler	77.54

Franklin	71.78
Gadsden	66.28
Gilchrist	67.53
Glades	53.47
Gulf	65.52
Hamilton	43.99
Hardee	54.92
Hendry	62.06
Hernando	77.92
Highlands	69.94
Hillsborough	96.17
Holmes	60.05
Indian River	126.41
Jackson	64.77
Jefferson	72.56
Lafayette	47.43
Lake	83.33
Lee	100.51
Leon	90.19
Levy	61.78
Liberty	59.17
Madison	56.04
Manatee	101.00
Marion	75.16
Martin	136.79
Miami-Dade	87.91
Monroe	120.82
Nassau	101.64
Okaloosa	98.09
Okeechobee	59.53
Orange	89.52
Osceola	63.92
Palm Beach	138.26
Pasco	76.77
Pinellas	107.61
Polk	80.91
Putnam	63.27
St. Johns	118.30
St. Lucie	73.12
Santa Rosa	79.48
Sarasota	132.26
Seminole	107.12
Sumter	57.52
Suwannee	65.27
Taylor	63.76
Union	44.14
Volusia	79.62
Wakulla	69.15
Walton	66.13
Washington	58.80
Georgia	
Appling	62.01
Atkinson	59.35
Bacon	60.57

Baker	62.53
Baldwin	73.07
Banks	75.67
Barrow	73.65
Bartow	82.75
Ben Hill	70.77
Berrien	72.04
Bibb	93.12
Bleckley	74.90
Brantley	61.80
Brooks	66.56
Bryan	83.67
Bulloch	62.06
Burke	59.91
Butts	71.60
Calhoun	59.43
Camden	73.63
Candler	62.49
Carroll	72.50
Catoosa	74.48
Charlton	51.81
Chatham	95.40
Chattahoochee	56.13
Chattooga	59.20
Cherokee	94.67
Clarke	73.10
Clay	74.23
Clayton	68.72
Clinch	56.35
Cobb	115.81
Coffee	67.81
Colquitt	63.11
Columbia	100.28
Cook	59.26
Coweta	86.00
Crawford	71.80
Crisp	66.01
Dade	68.45
Dawson	88.03
Decatur	65.27
DeKalb	109.50
Dodge	60.27
Dooly	62.25
Dougherty	76.66
Douglas	82.78
Early	76.31
Echols	52.09
Effingham	74.18
Elbert	68.82
Emanuel	64.73
Evans	63.17
Fannin	68.78
Fayette	118.55
Floyd	82.19

Forsyth	98.85
Franklin	73.24
Fulton	143.92
Gilmer	67.85
Glascocok	66.61
Glynn	96.38
Gordon	73.14
Grady	64.91
Greene	77.63
Gwinnett	94.92
Habersham	74.15
Hall	79.61
Hancock	50.34
Haralson	69.38
Harris	102.76
Hart	66.92
Heard	61.55
Henry	84.04
Houston	84.48
Irwin	64.42
Jackson	77.63
Jasper	70.47
Jeff Davis	65.46
Jefferson	63.27
Jenkins	57.80
Johnson	55.55
Jones	75.36
Lamar	73.16
Lanier	64.79
Laurens	72.27
Lee	69.81
Liberty	62.58
Lincoln	66.70
Long	53.56
Lowndes	74.38
Lumpkin	70.16
McDuffie	76.52
McIntosh	62.35
Macon	61.14
Madison	75.44
Marion	70.28
Meriwether	64.22
Miller	73.48
Mitchell	59.10
Monroe	80.05
Montgomery	61.14
Morgan	87.88
Murray	65.20
Muscogee	90.10
Newton	70.99
Oconee	95.45
Oglethorpe	70.70
Paulding	73.35
Peach	71.68

Pickens	87.29
Pierce	67.39
Pike	74.54
Polk	63.67
Pulaski	78.15
Putnam	78.46
Quitman	70.33
Rabun	73.26
Randolph	65.12
Richmond	77.01
Rockdale	90.10
Schley	62.93
Screven	59.56
Seminole	72.26
Spalding	75.42
Stephens	73.47
Stewart	66.06
Sumter	70.67
Talbot	62.71
Taliaferro	60.02
Tattnall	61.96
Taylor	60.83
Telfair	54.21
Terrell	65.01
Thomas	80.19
Tift	71.85
Toombs	67.89
Towns	76.52
Treutlen	52.48
Troup	80.45
Turner	62.90
Twiggs	63.09
Union	71.16
Upson	63.10
Walker	70.11
Walton	76.41
Ware	66.49
Warren	63.11
Washington	71.78
Wayne	66.75
Webster	74.32
Wheeler	48.24
White	69.19
Whitfield	86.66
Wilcox	63.70
Wilkes	65.25
Wilkinson	66.02
Worth	69.81
Hawaii	
Hawaii	75.40
Honolulu	103.70
Kauai	80.81
Maui + Kalawao	86.80
Idaho	

Ada	110.81
Adams	73.25
Bannock	72.49
Bear Lake	61.23
Benewah	68.97
Bingham	64.34
Blaine	138.07
Boise	68.09
Bonner	68.15
Bonneville	84.20
Boundary	57.72
Butte	67.77
Camas	75.15
Canyon	61.25
Caribou	71.71
Cassia	74.33
Clark	76.32
Clearwater	72.83
Custer	71.24
Elmore	72.93
Franklin	61.78
Fremont (includes Yellowstone Park)	62.09
Gem	62.32
Gooding	87.27
Idaho	63.20
Jefferson	63.61
Jerome	79.31
Kootenai	76.82
Latah	75.92
Lemhi	66.61
Lewis	77.16
Lincoln	66.11
Madison	48.45
Minidoka	59.29
Nez Perce	82.47
Oneida	54.21
Owyhee	62.49
Payette	66.89
Power	62.12
Shoshone	70.76
Teton	65.17
Twin Falls	76.92
Valley	93.07
Washington	63.68
Illinois	
Adams	87.35
Alexander	55.54
Bond	78.59
Boone	87.45
Brown	60.72
Bureau	86.04
Calhoun	75.22
Carroll	82.77
Cass	78.58

Champaign	91.08
Christian	80.90
Clark	75.34
Clay	74.63
Clinton	93.34
Coles	78.74
Cook	113.21
Crawford	76.63
Cumberland	77.94
DeKalb	85.96
De Witt	83.61
Douglas	82.13
DuPage	144.39
Edgar	70.63
Edwards	79.21
Effingham	86.38
Fayette	63.76
Ford	93.04
Franklin	70.31
Fulton	78.31
Gallatin	67.10
Greene	66.68
Grundy	98.03
Hamilton	68.67
Hancock	79.80
Hardin	66.38
Henderson	76.74
Henry	86.46
Iroquois	80.48
Jackson	81.41
Jasper	77.33
Jefferson	74.61
Jersey	84.77
Jo Daviess	98.00
Johnson	60.71
Kane	96.67
Kankakee	82.73
Kendall	98.22
Knox	79.07
Lake	145.96
La Salle	81.96
Lawrence	75.12
Lee	80.27
Livingston	90.84
Logan	73.10
McDonough	72.22
McHenry	106.77
McLean	98.61
Macon	91.70
Macoupin	82.15
Madison	91.62
Marion	77.39
Marshall	87.92
Mason	78.38

Massac	73.37
Menard	94.70
Mercer	84.39
Monroe	101.63
Montgomery	71.44
Morgan	79.37
Moultrie	76.98
Ogle	83.74
Peoria	95.72
Perry	62.90
Piatt	98.57
Pike	74.59
Pope	63.15
Pulaski	60.66
Putnam	85.22
Randolph	69.22
Richland	72.61
Rock Island	90.24
St. Clair	87.61
Saline	71.92
Sangamon	105.16
Schuyler	83.22
Scott	67.51
Shelby	71.48
Stark	81.53
Stephenson	90.25
Tazewell	95.21
Union	71.02
Vermilion	74.97
Wabash	76.14
Warren	70.21
Washington	88.14
Wayne	75.80
White	78.72
Whiteside	78.17
Will	93.85
Williamson	78.38
Winnebago	86.73
Woodford	93.24
Indiana	
Adams	75.66
Allen	94.67
Bartholomew	98.63
Benton	79.39
Blackford	70.41
Boone	125.61
Brown	90.48
Carroll	85.09
Cass	82.37
Clark	89.13
Clay	71.58
Clinton	75.19
Crawford	68.78
Daviess	75.52

Dearborn	93.80
Decatur	82.55
De Kalb	82.58
Delaware	81.79
Dubois	102.50
Elkhart	93.50
Fayette	82.89
Floyd	101.82
Fountain	75.06
Franklin	83.06
Fulton	77.03
Gibson	86.72
Grant	79.87
Greene	73.23
Hamilton	134.38
Hancock	108.79
Harrison	83.36
Hendricks	98.05
Henry	84.78
Howard	96.19
Huntington	81.47
Jackson	80.31
Jasper	79.73
Jay	71.60
Jefferson	75.75
Jennings	72.29
Johnson	96.33
Knox	80.15
Kosciusko	92.64
Lagrange	65.70
Lake	86.70
La Porte	80.60
Lawrence	78.09
Madison	86.55
Marion	105.42
Marshall	80.44
Martin	71.90
Miami	72.13
Monroe	78.99
Montgomery	79.69
Morgan	89.02
Newton	71.17
Noble	76.44
Ohio	73.36
Orange	67.25
Owen	69.70
Parke	68.39
Perry	76.02
Pike	71.01
Porter	100.73
Posey	93.21
Pulaski	76.21
Putnam	75.90
Randolph	75.33

Ripley	79.78
Rush	84.60
St. Joseph	94.24
Scott	70.35
Shelby	88.03
Spencer	80.57
Starke	63.78
Steuben	79.95
Sullivan	65.05
Switzerland	66.81
Tippecanoe	81.27
Tipton	96.79
Union	77.82
Vanderburgh	100.06
Vermillion	79.65
Vigo	79.24
Wabash	81.12
Warren	73.67
Warrick	98.02
Washington	72.67
Wayne	79.34
Wells	81.82
White	72.88
Whitley	84.49
Iowa	
Adair	87.49
Adams	80.45
Allamakee	76.65
Appanoose	70.14
Audubon	87.87
Benton	84.70
Black Hawk	88.54
Boone	93.29
Bremer	90.97
Buchanan	79.35
Buena Vista	80.57
Butler	79.78
Calhoun	81.21
Carroll	89.42
Cass	83.01
Cedar	91.44
Cerro Gordo	92.48
Cherokee	87.27
Chickasaw	82.36
Clarke	76.00
Clay	88.14
Clayton	81.67
Clinton	81.90
Crawford	75.93
Dallas	101.49
Davis	68.70
Decatur	61.04
Delaware	80.96
Des Moines	88.81

Dickinson	101.21
Dubuque	88.26
Emmet	84.94
Fayette	73.34
Floyd	81.80
Franklin	86.70
Fremont	88.62
Greene	81.70
Grundy	94.35
Guthrie	84.78
Hamilton	87.72
Hancock	94.73
Hardin	80.66
Harrison	82.74
Henry	80.37
Howard	85.28
Humboldt	88.84
Ida	86.61
Iowa	98.15
Jackson	77.05
Jasper	88.93
Jefferson	83.70
Johnson	99.93
Jones	70.87
Keokuk	80.38
Kossuth	89.47
Lee	81.91
Linn	103.78
Louisa	81.56
Lucas	69.58
Lyon	76.98
Madison	87.51
Mahaska	82.70
Marion	83.37
Marshall	90.78
Mills	102.45
Mitchell	80.63
Monona	77.82
Monroe	81.31
Montgomery	81.70
Muscatine	90.88
O'Brien	86.12
Osceola	77.26
Page	79.26
Palo Alto	78.34
Plymouth	90.27
Pocahontas	81.07
Polk	113.88
Pottawattamie	89.50
Poweshiek	92.20
Ringgold	70.04
Sac	85.09
Scott	99.32
Shelby	86.05

Sioux	88.66
Story	89.87
Tama	77.73
Taylor	73.65
Union	75.63
Van Buren	69.09
Wapello	78.81
Warren	90.12
Washington	89.88
Wayne	67.70
Webster	85.15
Winnebago	81.65
Winneshiek	88.14
Woodbury	84.81
Worth	71.75
Wright	97.73
Kansas	
Allen	73.07
Anderson	68.01
Atchison	69.08
Barber	74.98
Barton	85.52
Bourbon	73.19
Brown	78.89
Butler	90.10
Chase	95.69
Chautauqua	76.83
Cherokee	71.11
Cheyenne	61.81
Clark	79.29
Clay	84.53
Cloud	71.78
Coffey	91.63
Comanche	67.48
Cowley	77.26
Crawford	73.49
Decatur	73.55
Dickinson	77.06
Doniphan	67.52
Douglas	85.79
Edwards	86.80
Elk	64.08
Ellis	88.47
Ellsworth	75.30
Finney	66.92
Ford	71.77
Franklin	76.49
Geary	88.95
Gove	75.74
Graham	85.30
Grant	72.43
Gray	82.34
Greeley	76.58
Greenwood	69.13

Hamilton	89.11
Harper	80.02
Harvey	88.07
Haskell	105.04
Hodgeman	78.05
Jackson	82.59
Jefferson	75.71
Jewell	79.98
Johnson	141.74
Kearny	63.81
Kingman	74.82
Kiowa	84.29
Labette	74.18
Lane	88.01
Leavenworth	83.87
Lincoln	65.26
Linn	72.24
Logan	67.71
Lyon	69.60
McPherson	90.29
Marion	68.86
Marshall	88.32
Meade	77.53
Miami	88.10
Mitchell	81.41
Montgomery	74.49
Morris	73.66
Morton	61.77
Nemaha	79.72
Neosho	71.83
Ness	92.71
Norton	69.69
Osage	73.17
Osborne	70.56
Ottawa	75.10
Pawnee	74.14
Phillips	86.43
Pottawatomie	84.59
Pratt	80.57
Rawlins	75.21
Reno	79.89
Republic	73.06
Rice	62.86
Riley	82.46
Rooks	73.74
Rush	70.96
Russell	72.23
Saline	88.16
Scott	93.30
Sedgwick	98.72
Seward	70.34
Shawnee	94.57
Sheridan	95.58
Sherman	76.19

Smith	76.64
Stafford	79.72
Stanton	77.01
Stevens	76.82
Sumner	77.87
Thomas	79.92
Trego	62.74
Wabaunsee	80.14
Wallace	74.18
Washington	69.02
Wichita	95.19
Wilson	70.23
Woodson	61.62
Wyandotte	68.81
Kentucky	
Adair	60.01
Allen	68.24
Anderson	77.70
Ballard	83.67
Barren	71.12
Bath	60.27
Bell	56.13
Boone	96.81
Bourbon	87.53
Boyd	84.83
Boyle	77.62
Bracken	66.97
Breathitt	55.39
Breckinridge	64.15
Bullitt	77.09
Butler	57.62
Caldwell	71.65
Calloway	73.32
Campbell	91.06
Carlisle	69.09
Carroll	77.79
Carter	57.16
Casey	56.04
Christian	77.21
Clark	86.39
Clay	47.62
Clinton	62.37
Crittenden	63.33
Cumberland	55.15
Daviess	83.03
Edmonson	53.78
Elliott	46.54
Estill	56.76
Fayette	105.87
Fleming	57.05
Floyd	63.40
Franklin	90.47
Fulton	72.83
Gallatin	68.08

Garrard	64.99
Grant	66.86
Graves	66.85
Grayson	60.48
Green	57.44
Greenup	73.96
Hancock	66.41
Hardin	87.61
Harlan	55.58
Harrison	71.13
Hart	53.23
Henderson	81.93
Henry	75.09
Hickman	114.81
Hopkins	72.56
Jackson	46.56
Jefferson	110.42
Jessamine	77.65
Johnson	62.39
Kenton	100.64
Knott	54.73
Knox	58.93
Larue	77.18
Laurel	63.93
Lawrence	52.91
Lee	52.23
Leslie	56.62
Letcher	61.51
Lewis	48.68
Lincoln	57.19
Livingston	74.10
Logan	67.49
Lyon	64.18
McCracken	95.19
McCreary	48.27
McLean	71.38
Madison	67.79
Magoffin	54.77
Marion	69.81
Marshall	77.55
Martin	56.68
Mason	74.13
Meade	69.85
Menifee	49.19
Mercer	71.52
Metcalfe	58.50
Monroe	61.04
Montgomery	68.30
Morgan	48.30
Muhlenberg	64.26
Nelson	81.55
Nicholas	67.59
Ohio	61.44
Oldham	103.85

Owen	57.37
Owsley	56.44
Pendleton	64.81
Perry	67.55
Pike	67.42
Powell	58.18
Pulaski	71.76
Robertson	54.81
Rockcastle	54.20
Rowan	62.48
Russell	59.97
Scott	87.02
Shelby	88.89
Simpson	75.29
Spencer	66.59
Taylor	65.37
Todd	63.27
Trigg	84.27
Trimble	52.08
Union	73.89
Warren	82.05
Washington	67.41
Wayne	56.35
Webster	82.65
Whitley	60.90
Wolfe	52.25
Woodford	112.02
Louisiana	
Acadia	69.03
Allen	56.32
Ascension	84.11
Assumption	79.52
Avoyelles	59.81
Beauregard	65.56
Bienville	64.39
Bossier	81.31
Caddo	90.28
Calcasieu	81.90
Caldwell	60.97
Cameron	57.44
Catahoula	58.79
Claiborne	68.72
Concordia	60.67
De Soto	69.01
East Baton Rouge	92.59
East Carroll	54.48
East Feliciana	69.66
Evangeline	56.91
Franklin	60.11
Grant	64.27
Iberia	74.35
Iberville	68.77
Jackson	75.87
Jefferson	97.26

Jefferson Davis	62.67
Lafayette	94.86
Lafourche	83.45
La Salle	61.27
Lincoln	69.36
Livingston	69.02
Madison	54.72
Morehouse	63.70
Natchitoches	68.52
Orleans	93.05
Ouachita	81.16
Plaquemines	75.04
Pointe Coupee	70.32
Rapides	85.06
Red River	59.25
Richland	62.14
Sabine	62.32
St. Bernard	77.81
St. Charles	81.87
St. Helena	64.52
St. James	67.36
St. John the Baptist	71.81
St. Landry	61.59
St. Martin	60.61
St. Mary	79.02
St. Tammany	99.94
Tangipahoa	68.43
Tensas	62.07
Terrebonne	74.79
Union	69.73
Vermilion	65.31
Vernon	80.26
Washington	62.69
Webster	70.76
West Baton Rouge	77.28
West Carroll	57.23
West Feliciana	55.04
Winn	56.64
Maine	
Androscoggin	87.47
Aroostook	75.87
Cumberland	112.62
Franklin	74.00
Hancock	89.97
Kennebec	88.10
Knox	95.66
Lincoln	91.36
Oxford	74.66
Penobscot	83.56
Piscataquis	73.88
Sagadahoc	90.75
Somerset	72.72
Waldo	76.74
Washington	72.12

York	91.53
Maryland	
Allegany	73.00
Anne Arundel	128.32
Baltimore	126.19
Calvert	107.56
Caroline	74.98
Carroll	110.45
Cecil	95.47
Charles	106.35
Dorchester	81.67
Frederick	112.39
Garrett	76.81
Harford	110.53
Howard	147.95
Kent	106.56
Montgomery	169.70
Prince George's	100.35
Queen Anne's	114.56
St. Mary's	99.50
Somerset	64.50
Talbot	139.26
Washington	87.46
Wicomico	84.22
Worcester	96.07
Baltimore (Independent City)	88.05
Massachusetts	
Barnstable	123.85
Berkshire	104.99
Bristol	100.40
Dukes	133.02
Essex	124.03
Franklin	96.97
Hampden	94.28
Hampshire	93.49
Middlesex	152.61
Nantucket	160.49
Norfolk	155.29
Plymouth	117.82
Suffolk	135.16
Worcester	106.86
Michigan	
Alcona	67.06
Alger	63.08
Allegan	84.41
Alpena	79.79
Antrim	83.88
Arenac	69.69
Baraga	61.95
Barry	90.09
Bay	84.95
Benzie	79.16
Berrien	87.07
Branch	70.80

Calhoun	84.72
Cass	84.02
Charlevoix	91.61
Cheboygan	74.05
Chippewa	62.68
Clare	66.09
Clinton	93.58
Crawford	65.72
Delta	78.73
Dickinson	88.73
Eaton	89.56
Emmet	99.08
Genesee	87.17
Gladwin	66.71
Gogebic	68.12
Grand Traverse	95.99
Gratiot	70.78
Hillsdale	75.52
Houghton	66.54
Huron	85.40
Ingham	91.29
Ionia	70.28
Iosco	65.41
Iron	72.59
Isabella	70.73
Jackson	82.26
Kalamazoo	96.67
Kalkaska	60.87
Kent	98.84
Keweenaw	73.07
Lake	64.33
Lapeer	87.91
Leelanau	101.64
Lenawee	87.71
Livingston	112.07
Luce	59.25
Mackinac	82.25
Macomb	107.10
Manistee	73.10
Marquette	77.15
Mason	76.73
Mecosta	63.81
Menominee	71.54
Midland	104.99
Missaukee	62.00
Monroe	94.24
Montcalm	64.99
Montmorency	62.92
Muskegon	77.73
Newaygo	69.46
Oakland	157.03
Oceana	68.01
Ogemaw	62.56
Ontonagon	70.61

Osceola	66.45
Oscoda	54.17
Otsego	77.69
Ottawa	90.88
Presque Isle	67.65
Roscommon	68.21
Saginaw	81.71
St. Clair	91.05
St. Joseph	77.29
Sanilac	78.61
Schoolcraft	69.08
Shiawassee	75.40
Tuscola	69.66
Van Buren	75.63
Washtenaw	120.63
Wayne	92.08
Wexford	72.71
Minnesota	
Aitkin	73.40
Anoka	103.58
Becker	83.57
Beltrami	75.95
Benton	85.97
Big Stone	81.04
Blue Earth	91.54
Brown	89.86
Carlton	80.66
Carver	129.92
Cass	85.93
Chippewa	87.77
Chisago	89.90
Clay	81.33
Clearwater	67.99
Cook	92.80
Cottonwood	82.85
Crow Wing	79.60
Dakota	122.87
Dodge	96.21
Douglas	87.79
Faribault	84.57
Fillmore	82.20
Freeborn	82.20
Goodhue	96.86
Grant	79.72
Hennepin	144.00
Houston	89.09
Hubbard	75.68
Isanti	86.86
Itasca	76.65
Jackson	82.46
Kanabec	73.78
Kandiyohi	92.40
Kittson	87.02
Koochiching	88.07

Lac qui Parle	79.42
Lake	94.40
Lake of the Woods	70.75
Le Sueur	88.74
Lincoln	79.42
Lyon	90.08
McLeod	88.39
Mahnomen	65.77
Marshall	82.77
Martin	92.97
Meeker	79.89
Mille Lacs	72.23
Morrison	72.67
Mower	90.07
Murray	82.77
Nicollet	88.32
Nobles	82.58
Norman	81.05
Olmsted	115.99
Otter Tail	79.84
Pennington	94.03
Pine	72.76
Pipestone	83.78
Polk	79.57
Pope	88.28
Ramsey	116.64
Red Lake	67.87
Redwood	80.71
Renville	79.93
Rice	80.46
Rock	83.80
Roseau	87.55
St. Louis	92.53
Scott	104.70
Sherburne	83.76
Sibley	76.88
Stearns	86.62
Steele	91.62
Stevens	87.51
Swift	68.16
Todd	66.23
Traverse	76.48
Wabasha	91.81
Wadena	70.78
Waseca	80.57
Washington	124.38
Watonwan	82.88
Wilkin	80.02
Winona	84.63
Wright	92.37
Yellow Medicine	78.28
Mississippi	
Adams	70.97
Alcorn	66.74

Amite	61.69
Attala	67.00
Benton	53.38
Bolivar	60.11
Calhoun	71.26
Carroll	64.63
Chickasaw	62.92
Choctaw	51.66
Claiborne	53.42
Clarke	59.82
Clay	66.20
Coahoma	69.86
Copiah	60.59
Covington	58.84
DeSoto	89.79
Forrest	75.23
Franklin	55.00
George	61.68
Greene	49.08
Grenada	70.10
Hancock	74.07
Harrison	83.12
Hinds	87.36
Holmes	51.81
Humphreys	60.74
Issaquena	50.39
Itawamba	70.11
Jackson	77.37
Jasper	59.92
Jefferson	43.40
Jefferson Davis	56.06
Jones	74.97
Kemper	56.38
Lafayette	76.30
Lamar	74.44
Lauderdale	78.89
Lawrence	68.13
Leake	64.53
Lee	86.73
Leflore	64.02
Lincoln	67.93
Lowndes	73.05
Madison	111.27
Marion	63.03
Marshall	61.09
Monroe	67.14
Montgomery	63.79
Neshoba	79.96
Newton	69.08
Noxubee	56.72
Oktibbeha	70.23
Panola	60.22
Pearl River	60.49
Perry	52.82

Pike	64.40
Pontotoc	65.82
Prentiss	57.93
Quitman	56.22
Rankin	87.36
Scott	63.25
Sharkey	59.15
Simpson	69.22
Smith	71.25
Stone	68.60
Sunflower	51.50
Tallahatchie	60.62
Tate	71.69
Tippah	63.89
Tishomingo	60.38
Tunica	59.20
Union	66.65
Walthall	55.08
Warren	87.85
Washington	62.55
Wayne	59.51
Webster	56.52
Wilkinson	51.59
Winston	60.62
Yalobusha	65.74
Yazoo	62.05
Missouri	
Adair	65.36
Andrew	82.88
Atchison	78.44
Audrain	69.97
Barry	67.75
Barton	67.04
Bates	72.80
Benton	63.59
Bollinger	60.17
Boone	90.79
Buchanan	82.15
Butler	76.94
Caldwell	73.28
Callaway	68.73
Camden	83.69
Cape Girardeau	86.58
Carroll	70.10
Carter	62.85
Cass	88.39
Cedar	61.55
Chariton	73.69
Christian	74.67
Clark	66.37
Clay	101.91
Clinton	80.57
Cole	101.16
Cooper	68.45

Crawford	74.19
Dade	67.69
Dallas	66.63
Daviess	66.25
DeKalb	47.51
Dent	63.28
Douglas	57.11
Dunklin	69.30
Franklin	86.21
Gasconade	72.94
Gentry	71.65
Greene	89.47
Grundy	66.46
Harrison	63.45
Henry	74.67
Hickory	54.22
Holt	72.69
Howard	74.11
Howell	64.35
Iron	63.34
Jackson	98.91
Jasper	75.21
Jefferson	83.21
Johnson	70.68
Knox	67.83
Laclede	66.42
Lafayette	82.70
Lawrence	61.90
Lewis	61.51
Lincoln	74.18
Linn	70.42
Livingston	76.56
McDonald	63.16
Macon	70.34
Madison	59.71
Maries	69.24
Marion	74.34
Mercer	67.49
Miller	62.17
Mississippi	65.37
Moniteau	69.74
Monroe	66.67
Montgomery	73.44
Morgan	68.09
New Madrid	70.02
Newton	73.45
Nodaway	64.73
Oregon	55.69
Osage	80.65
Ozark	56.18
Pemiscot	68.54
Perry	71.74
Pettis	77.61
Phelps	75.47

Pike	64.34
Platte	110.43
Polk	61.08
Pulaski	78.96
Putnam	60.71
Ralls	71.83
Randolph	70.37
Ray	79.70
Reynolds	61.84
Ripley	58.28
St. Charles	99.82
St. Clair	60.77
Ste. Genevieve	72.30
St. Francois	67.22
St. Louis	136.55
Saline	78.63
Schuyler	61.89
Scotland	64.67
Scott	74.60
Shannon	53.99
Shelby	71.27
Stoddard	70.62
Stone	73.98
Sullivan	66.95
Taney	72.91
Texas	53.44
Vernon	70.71
Warren	79.78
Washington	57.23
Wayne	58.94
Webster	59.73
Worth	61.67
Wright	54.27
St. Louis (Independent City)	83.40
Montana	
Beaverhead	78.86
Big Horn	56.09
Blaine	55.48
Broadwater	69.06
Carbon	84.04
Carter	60.20
Cascade	87.87
Chouteau	76.78
Custer	77.88
Daniels	85.58
Dawson	74.23
Deer Lodge	70.76
Fallon	76.62
Fergus	76.30
Flathead	86.13
Gallatin	90.96
Garfield	78.15
Glacier	60.81
Golden Valley	57.83

Granite	74.08
Hill	85.02
Jefferson	85.94
Judith Basin	64.20
Lake	63.58
Lewis and Clark	90.08
Liberty	77.38
Lincoln	63.13
McCone	65.93
Madison	73.22
Meagher	70.54
Mineral	68.01
Missoula	89.35
Musselshell	59.94
Park	77.27
Petroleum	56.08
Phillips	68.51
Pondera	71.42
Powder River	61.69
Powell	62.40
Prairie	78.27
Ravalli	71.84
Richland	79.62
Roosevelt	63.13
Rosebud	79.14
Sanders	59.95
Sheridan	83.62
Silver Bow	84.86
Stillwater	89.39
Sweet Grass	73.63
Teton	77.53
Toole	79.28
Treasure	63.82
Valley	90.57
Wheatland	58.44
Wibaux	67.45
Yellowstone	93.93
Nebraska	
Adams	80.09
Antelope	86.61
Arthur	53.41
Banner	76.50
Blaine	52.43
Boone	82.95
Box Butte	83.24
Boyd	62.45
Brown	77.59
Buffalo	84.57
Burt	82.04
Butler	77.14
Cass	95.20
Cedar	88.65
Chase	89.61
Cherry	79.10

Cheyenne	92.40
Clay	82.73
Colfax	82.51
Cuming	108.86
Custer	86.17
Dakota	70.27
Dawes	64.13
Dawson	75.41
Deuel	81.42
Dixon	87.81
Dodge	85.82
Douglas	120.11
Dundy	97.22
Fillmore	91.30
Franklin	79.05
Frontier	75.73
Furnas	73.87
Gage	88.95
Garden	78.82
Garfield	84.77
Gosper	82.45
Grant	42.31
Greeley	77.63
Hall	89.31
Hamilton	80.35
Harlan	77.34
Hayes	64.55
Hitchcock	63.65
Holt	86.11
Hooker	64.52
Howard	76.17
Jefferson	82.73
Johnson	83.23
Kearney	92.07
Keith	74.20
Keya Paha	67.20
Kimball	77.89
Knox	73.19
Lancaster	99.18
Lincoln	85.39
Logan	74.20
Loup	36.88
McPherson	49.48
Madison	84.73
Merrick	78.32
Morrill	73.03
Nance	75.86
Nemaha	96.03
Nuckolls	77.36
Otoe	79.84
Pawnee	87.53
Perkins	90.23
Phelps	97.69
Pierce	79.34

Platte	85.08
Polk	83.97
Red Willow	80.48
Richardson	81.88
Rock	71.80
Saline	81.00
Sarpy	93.57
Saunders	89.49
Scotts Bluff	83.18
Seward	90.52
Sheridan	67.34
Sherman	71.41
Sioux	58.49
Stanton	74.09
Thayer	91.29
Thomas	65.97
Thurston	68.47
Valley	76.65
Washington	97.06
Wayne	78.86
Webster	86.12
Wheeler	101.10
York	91.48
Nevada	
Churchill	93.51
Clark	98.43
Douglas	130.49
Elko	83.74
Esmeralda	96.46
Eureka	82.92
Humboldt	76.12
Lander	83.20
Lincoln	64.57
Lyon	73.77
Mineral	76.10
Nye	81.07
Pershing	53.04
Storey	94.32
Washoe	119.47
White Pine	86.07
Carson City (Independent City)	107.21
New Hampshire	
Belknap	100.88
Carroll	102.33
Cheshire	97.12
Coos	85.68
Grafton	110.45
Hillsborough	115.94
Merrimack	102.18
Rockingham	125.58
Strafford	91.50
Sullivan	97.22
New Jersey	
Atlantic	99.70

Bergen	162.28
Burlington	117.26
Camden	104.22
Cape May	110.70
Cumberland	82.80
Essex	122.68
Gloucester	99.00
Hudson	99.06
Hunterdon	180.19
Mercer	134.65
Middlesex	122.20
Monmouth	138.37
Morris	178.81
Ocean	102.45
Passaic	100.84
Salem	94.75
Somerset	175.44
Sussex	121.34
Union	129.33
Warren	106.74
New Mexico	
Bernalillo	95.09
Catron	50.86
Chaves	70.68
Cibola	53.68
Colfax	71.08
Curry	77.25
De Baca	65.95
Dona Ana	65.29
Eddy	79.23
Grant	61.96
Guadalupe	44.73
Harding	53.80
Hidalgo	55.76
Lea	72.15
Lincoln	65.18
Los Alamos	155.34
Luna	53.52
McKinley	51.22
Mora	49.71
Otero	61.34
Quay	62.37
Rio Arriba	64.68
Roosevelt	77.25
Sandoval	78.77
San Juan	65.79
San Miguel	62.70
Santa Fe	104.57
Sierra	58.01
Socorro	59.28
Taos	69.03
Torrance	61.96
Union	79.76
Valencia	68.15

New York	
Albany	112.84
Allegany	62.54
Bronx	69.00
Broome	83.14
Cattaraugus	76.34
Cayuga	80.20
Chautauqua	70.65
Chemung	77.21
Chenango	72.72
Clinton	77.72
Columbia	90.75
Cortland	72.37
Delaware	73.74
Dutchess	103.94
Erie	95.72
Essex	75.09
Franklin	64.12
Fulton	81.27
Genesee	81.15
Greene	81.04
Hamilton	81.48
Herkimer	71.87
Jefferson	79.79
Kings	82.19
Lewis	66.78
Livingston	76.42
Madison	82.38
Monroe	104.77
Montgomery	82.47
Nassau	159.36
New York	266.50
Niagara	82.46
Oneida	79.80
Onondaga	97.02
Ontario	92.12
Orange	91.52
Orleans	67.25
Oswego	71.75
Otsego	73.30
Putnam	126.97
Queens	92.94
Rensselaer	92.41
Richmond	113.24
Rockland	131.51
St. Lawrence	66.23
Saratoga	101.41
Schenectady	100.54
Schoharie	75.65
Schuyler	72.30
Seneca	74.16
Steuben	85.01
Suffolk	120.11
Sullivan	85.21

Tioga	77.88
Tompkins	82.33
Ulster	85.10
Warren	89.45
Washington	70.24
Wayne	81.39
Westchester	177.24
Wyoming	69.59
Yates	65.88
North Carolina	
Alamance	82.66
Alexander	76.86
Alleghany	76.47
Anson	66.62
Ashe	74.61
Avery	72.95
Beaufort	72.99
Bertie	67.18
Bladen	69.52
Brunswick	75.03
Buncombe	85.65
Burke	75.00
Cabarrus	93.61
Caldwell	79.01
Camden	80.85
Carteret	87.78
Caswell	67.08
Catawba	84.66
Chatham	108.83
Cherokee	62.02
Chowan	78.71
Clay	67.43
Cleveland	75.20
Columbus	71.25
Craven	86.71
Cumberland	87.13
Currituck	86.03
Dare	93.68
Davidson	82.36
Davie	92.62
Duplin	67.93
Durham	99.55
Edgecombe	72.12
Forsyth	101.51
Franklin	77.09
Gaston	87.84
Gates	65.62
Graham	67.14
Granville	68.26
Greene	66.53
Guilford	100.14
Halifax	64.49
Harnett	71.88
Haywood	76.81

Henderson	87.91
Hertford	64.32
Hoke	57.19
Hyde	62.04
Iredell	87.22
Jackson	71.74
Johnston	81.73
Jones	70.27
Lee	80.81
Lenoir	77.16
Lincoln	75.53
McDowell	66.50
Macon	74.38
Madison	67.46
Martin	71.06
Mecklenburg	123.42
Mitchell	62.87
Montgomery	70.81
Moore	101.16
Nash	85.06
New Hanover	92.46
Northampton	72.82
Onslow	81.38
Orange	106.56
Pamlico	77.08
Pasquotank	69.93
Pender	67.75
Perquimans	70.24
Person	75.36
Pitt	80.41
Polk	99.02
Randolph	74.69
Richmond	66.02
Robeson	58.76
Rockingham	73.41
Rowan	79.72
Rutherford	71.47
Sampson	69.55
Scotland	67.54
Stanly	74.54
Stokes	74.53
Surry	75.85
Swain	62.61
Transylvania	79.28
Tyrrell	59.47
Union	84.68
Vance	67.64
Wake	112.63
Warren	57.21
Washington	68.75
Watauga	77.45
Wayne	74.97
Wilkes	78.74
Wilson	79.27

Yadkin	75.33
Yancey	61.86
North Dakota	
Adams	68.07
Barnes	84.08
Benson	62.50
Billings	67.85
Bottineau	90.40
Bowman	85.29
Burke	85.37
Burleigh	97.33
Cass	102.03
Cavalier	97.79
Dickey	89.33
Divide	77.06
Dunn	66.84
Eddy	77.57
Emmons	70.36
Foster	84.24
Golden Valley	59.14
Grand Forks	86.99
Grant	63.35
Griggs	87.59
Hettinger	74.18
Kidder	75.86
LaMoure	90.28
Logan	88.59
McHenry	72.33
McIntosh	85.79
McKenzie	73.68
McLean	87.76
Mercer	93.59
Morton	77.49
Mountrail	82.42
Nelson	78.96
Oliver	81.49
Pembina	90.04
Pierce	69.31
Ramsey	81.73
Ransom	84.16
Renville	87.76
Richland	81.22
Rolette	62.46
Sargent	102.23
Sheridan	79.12
Sioux	49.08
Slope	51.73
Stark	81.05
Steele	84.96
Stutsman	83.36
Towner	92.91
Traill	84.55
Walsh	84.79
Ward	95.92

Wells	89.45
Williams	83.00
Ohio	
Adams	62.84
Allen	83.56
Ashland	74.87
Ashtabula	76.30
Athens	65.18
Auglaize	90.02
Belmont	76.55
Brown	74.29
Butler	95.05
Carroll	71.32
Champaign	82.39
Clark	85.86
Clermont	96.63
Clinton	82.17
Columbiana	73.27
Coshocton	73.72
Crawford	77.43
Cuyahoga	107.39
Darke	84.77
Defiance	86.63
Delaware	126.92
Erie	100.58
Fairfield	93.06
Fayette	81.55
Franklin	108.19
Fulton	90.92
Gallia	76.73
Geauga	121.43
Greene	98.62
Guernsey	69.69
Hamilton	118.39
Hancock	95.24
Hardin	68.47
Harrison	70.39
Henry	83.10
Highland	69.84
Hocking	69.41
Holmes	62.05
Huron	76.95
Jackson	65.71
Jefferson	77.17
Knox	77.95
Lake	99.02
Lawrence	66.53
Licking	89.87
Logan	87.03
Lorain	88.15
Lucas	94.30
Madison	83.65
Mahoning	84.52
Marion	77.76

Medina	99.86
Meigs	61.12
Mercer	86.53
Miami	92.56
Monroe	67.88
Montgomery	97.50
Morgan	63.05
Morrow	74.65
Muskingum	78.73
Noble	53.71
Ottawa	97.80
Paulding	72.97
Perry	62.59
Pickaway	74.91
Pike	65.79
Portage	87.75
Preble	75.08
Putnam	87.21
Richland	81.91
Ross	74.82
Sandusky	81.15
Scioto	68.54
Seneca	78.67
Shelby	90.33
Stark	87.17
Summit	100.95
Trumbull	82.27
Tuscarawas	75.07
Union	89.15
Van Wert	79.92
Vinton	58.04
Warren	100.65
Washington	79.68
Wayne	79.67
Williams	82.84
Wood	90.37
Wyandot	83.07
Oklahoma	
Adair	57.36
Alfalfa	67.01
Atoka	56.79
Beaver	72.65
Beckham	65.86
Blaine	57.95
Bryan	66.66
Caddo	61.11
Canadian	83.25
Carter	74.54
Cherokee	61.52
Choctaw	59.14
Cimarron	65.43
Cleveland	85.36
Coal	52.28
Comanche	80.00

Cotton	71.18
Craig	69.98
Creek	70.60
Custer	69.77
Delaware	72.04
Dewey	74.44
Ellis	74.87
Garfield	83.47
Garvin	73.05
Grady	70.30
Grant	84.26
Greer	70.18
Harmon	67.75
Harper	90.38
Haskell	66.17
Hughes	57.51
Jackson	77.37
Jefferson	61.85
Johnston	59.85
Kay	80.55
Kingfisher	87.32
Kiowa	69.25
Latimer	66.14
Le Flore	63.57
Lincoln	65.66
Logan	83.55
Love	66.69
McClain	76.06
McCurtain	65.40
McIntosh	62.07
Major	71.17
Marshall	63.48
Mayes	66.30
Murray	64.72
Muskogee	69.83
Noble	69.52
Nowata	57.69
Okfuskee	55.00
Oklahoma	99.46
Okmulgee	61.52
Osage	72.00
Ottawa	65.98
Pawnee	67.23
Payne	70.72
Pittsburg	68.54
Pontotoc	70.45
Pottawatomie	69.79
Pushmataha	58.46
Roger Mills	73.57
Rogers	78.52
Seminole	61.32
Sequoyah	62.08
Stephens	75.99
Texas	77.36

Tillman	60.45
Tulsa	111.77
Wagoner	70.46
Washington	92.69
Washita	61.57
Woods	74.58
Woodward	67.90
Oregon	
Baker	68.05
Benton	102.19
Clackamas	113.21
Clatsop	84.46
Columbia	85.56
Coos	79.30
Crook	69.31
Curry	76.77
Deschutes	90.81
Douglas	78.48
Gilliam	67.94
Grant	78.84
Harney	73.14
Hood River	76.66
Jackson	86.02
Jefferson	68.06
Josephine	71.39
Klamath	75.88
Lake	72.35
Lane	84.71
Lincoln	84.11
Linn	77.05
Malheur	60.95
Marion	82.47
Morrow	77.36
Multnomah	109.62
Polk	82.02
Sherman	62.85
Tillamook	81.81
Umatilla	74.59
Union	79.23
Wallowa	76.71
Wasco	75.74
Washington	101.63
Wheeler	67.90
Yamhill	82.18
Pennsylvania	
Adams	86.07
Allegheny	119.26
Armstrong	81.08
Beaver	83.48
Bedford	71.20
Berks	94.73
Blair	80.11
Bradford	74.55
Bucks	129.22

Butler	95.08
Cambria	76.86
Cameron	76.05
Carbon	82.79
Centre	81.61
Chester	151.48
Clarion	77.34
Clearfield	74.60
Clinton	71.82
Columbia	81.57
Crawford	71.74
Cumberland	106.74
Dauphin	102.72
Delaware	120.02
Elk	85.04
Erie	80.82
Fayette	77.23
Forest	68.29
Franklin	84.60
Fulton	78.74
Greene	66.79
Huntingdon	65.43
Indiana	77.26
Jefferson	74.18
Juniata	77.88
Lackawanna	90.22
Lancaster	93.16
Lawrence	77.24
Lebanon	88.67
Lehigh	104.66
Luzerne	88.10
Lycoming	82.05
McKean	78.47
Mercer	77.87
Mifflin	69.86
Monroe	80.46
Montgomery	155.32
Montour	94.86
Northampton	96.10
Northumberland	77.15
Perry	82.21
Philadelphia	89.37
Pike	78.38
Potter	78.19
Schuylkill	78.07
Snyder	81.76
Somerset	69.72
Sullivan	74.37
Susquehanna	74.63
Tioga	66.40
Union	71.88
Venango	78.10
Warren	77.42
Washington	94.80

Wayne	78.88
Westmoreland	91.41
Wyoming	74.55
York	91.90
Rhode Island	
Bristol	126.36
Kent	109.62
Newport	122.93
Providence	94.22
Washington	114.58
South Carolina	
Abbeville	65.37
Aiken	85.44
Allendale	54.15
Anderson	80.46
Bamberg	59.62
Barnwell	60.64
Beaufort	110.44
Berkeley	75.67
Calhoun	79.18
Charleston	97.04
Cherokee	67.72
Chester	70.53
Chesterfield	65.59
Clarendon	61.76
Colleton	64.84
Darlington	74.77
Dillon	61.12
Dorchester	76.47
Edgefield	64.84
Fairfield	68.14
Florence	82.64
Georgetown	85.18
Greenville	94.18
Greenwood	75.75
Hampton	63.11
Horry	79.31
Jasper	63.87
Kershaw	82.16
Lancaster	68.52
Laurens	67.73
Lee	58.23
Lexington	94.34
McCormick	57.98
Marion	61.96
Marlboro	58.23
Newberry	68.70
Oconee	83.90
Orangeburg	70.05
Pickens	73.67
Richland	91.23
Saluda	71.59
Spartanburg	80.35
Sumter	71.20

Union	71.43
Williamsburg	57.16
York	87.87
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	87.11
Bedford	77.81
Benton	64.44
Bledsoe	62.93
Blount	82.23
Bradley	82.19
Campbell	65.29
Cannon	79.08
Carroll	71.02
Carter	64.07
Cheatham	86.45
Chester	67.26
Claiborne	65.32
Clay	61.93
Cocke	59.31
Coffee	85.48
Crockett	73.56
Cumberland	71.40
Davidson	121.10
Decatur	70.52
DeKalb	73.97
Dickson	74.98
Dyer	79.25
Fayette	88.94
Fentress	64.36
Franklin	70.82
Gibson	76.92
Giles	75.75
Grainger	63.55
Greene	84.80
Grundy	62.49
Hamblen	78.58
Hamilton	101.27
Hancock	45.77
Hardeman	59.15
Hardin	71.32
Hawkins	68.58

Haywood	67.07
Henderson	70.75
Henry	71.98
Hickman	57.26
Houston	66.75
Humphreys	71.63
Jackson	69.92
Jefferson	68.73
Johnson	52.63
Knox	96.38
Lake	46.67
Lauderdale	57.77
Lawrence	68.53
Lewis	59.43
Lincoln	76.57
Loudon	86.98
McMinn	70.13
McNairy	74.86
Macon	66.87
Madison	85.11
Marion	71.35
Marshall	77.75
Maury	88.27
Meigs	63.51
Monroe	63.13
Montgomery	86.50
Moore	73.76
Morgan	55.31
Obion	78.97
Overton	64.02
Perry	67.99
Pickett	55.52
Polk	67.96
Putnam	77.72
Rhea	66.49
Roane	78.60
Robertson	83.08
Rutherford	87.02
Scott	56.24
Sequatchie	65.86
Sevier	82.31
Shelby	106.42
Smith	73.17
Stewart	65.89
Sullivan	85.34
Sumner	88.64
Tipton	75.52
Trousdale	65.79
Unicoi	73.28
Union	56.25
Van Buren	68.32
Warren	72.69
Washington	80.38
Wayne	51.51

Weakley	69.73
White	62.25
Williamson	134.75
Wilson	99.27
Texas	
Anderson	59.56
Andrews	72.93
Angelina	82.25
Aransas	80.13
Archer	88.47
Armstrong	86.21
Atascosa	62.99
Austin	88.33
Bailey	73.07
Bandera	80.23
Bastrop	69.81
Baylor	69.50
Bee	50.31
Bell	84.86
Bexar	89.38
Blanco	88.24
Borden	83.66
Bosque	71.25
Bowie	77.21
Brazoria	89.51
Brazos	69.71
Brewster	76.77
Briscoe	67.63
Brooks	52.71
Brown	67.99
Burleson	70.78
Burnet	84.85
Caldwell	64.80
Calhoun	71.68
Callahan	70.80
Cameron	52.00
Camp	86.00
Carson	78.80
Cass	69.47
Castro	121.39
Chambers	92.29
Cherokee	74.93
Childress	54.24
Clay	75.51
Cochran	80.98
Coke	60.45
Coleman	67.39
Collin	129.30
Collingsworth	86.82
Colorado	77.64
Comal	93.76
Comanche	77.06
Concho	52.79
Cooke	83.06

Coryell	66.67
Cottle	87.77
Crane	64.24
Crockett	58.02
Crosby	85.50
Culberson	49.72
Dallam	93.53
Dallas	117.42
Dawson	64.45
Deaf Smith	72.05
Delta	64.13
Denton	102.16
DeWitt	68.60
Dickens	52.78
Dimmit	51.08
Donley	72.89
Duval	58.70
Eastland	77.12
Ector	72.44
Edwards	60.75
Ellis	84.33
El Paso	66.23
Erath	76.24
Falls	62.22
Fannin	66.58
Fayette	89.83
Fisher	73.51
Floyd	82.54
Foard	72.54
Fort Bend	105.98
Franklin	85.08
Freestone	63.31
Frio	53.08
Gaines	74.59
Galveston	98.49
Garza	64.67
Gillespie	90.46
Glasscock	77.63
Goliad	69.51
Gonzales	78.94
Gray	83.56
Grayson	74.99
Gregg	94.68
Grimes	60.69
Guadalupe	80.37
Hale	70.66
Hall	60.92
Hamilton	77.42
Hansford	106.11
Hardeman	73.24
Hardin	79.01
Harris	117.94
Harrison	76.02
Hartley	96.56

Haskell	76.51
Hays	74.52
Hemphill	115.53
Henderson	74.07
Hidalgo	47.25
Hill	68.05
Hockley	73.12
Hood	88.94
Hopkins	73.09
Houston	72.86
Howard	69.69
Hudspeth	50.35
Hunt	76.26
Hutchinson	82.86
Irion	78.70
Jack	61.69
Jackson	72.14
Jasper	68.99
Jeff Davis	66.89
Jefferson	83.99
Jim Hogg	67.03
Jim Wells	67.59
Johnson	79.64
Jones	58.59
Karnes	52.43
Kaufman	79.25
Kendall	103.69
Kenedy	95.70
Kent	75.60
Kerr	91.99
Kimble	60.10
King	83.73
Kinney	62.01
Kleberg	67.23
Knox	70.58
Lamar	71.90
Lamb	69.53
Lampasas	75.89
La Salle	49.69
Lavaca	79.77
Lee	74.26
Leon	74.31
Liberty	74.43
Limestone	69.26
Lipscomb	87.77
Live Oak	59.39
Llano	76.18
Loving	234.51
Lubbock	80.47
Lynn	77.02
McCulloch	76.38
McLennan	77.53
McMullen	88.65
Madison	67.26

Marion	57.90
Martin	72.55
Mason	71.66
Matagorda	67.49
Maverick	40.71
Medina	67.05
Menard	59.29
Midland	108.17
Milam	68.84
Mills	71.37
Mitchell	51.04
Montague	73.34
Montgomery	103.17
Moore	73.53
Morris	74.86
Motley	67.94
Nacogdoches	67.39
Navarro	67.85
Newton	55.00
Nolan	69.03
Nueces	84.78
Ochiltree	91.30
Oldham	71.09
Orange	78.21
Palo Pinto	73.61
Panola	74.79
Parker	90.34
Parmer	78.36
Pecos	50.37
Polk	81.91
Potter	77.87
Presidio	45.64
Rains	61.77
Randall	86.16
Reagan	62.35
Real	61.17
Red River	63.12
Reeves	52.11
Refugio	80.85
Roberts	83.13
Robertson	73.11
Rockwall	108.29
Runnels	64.96
Rusk	71.62
Sabine	71.62
San Augustine	66.47
San Jacinto	66.15
San Patricio	71.47
San Saba	65.72
Schleicher	60.91
Scurry	76.94
Shackelford	85.09
Shelby	71.82
Sherman	142.86

Smith	90.48
Somervell	81.01
Starr	34.34
Stephens	70.73
Sterling	60.78
Stonewall	90.10
Sutton	75.45
Swisher	91.13
Tarrant	100.26
Taylor	83.31
Terrell	88.41
Terry	76.41
Throckmorton	88.46
Titus	73.78
Tom Green	83.08
Travis	110.80
Trinity	65.22
Tyler	63.68
Upshur	69.82
Upton	69.07
Uvalde	65.36
Val Verde	60.43
Van Zandt	79.55
Victoria	88.72
Walker	56.64
Waller	74.39
Ward	66.76
Washington	91.40
Webb	53.98
Wharton	77.57
Wheeler	104.03
Wichita	88.43
Wilbarger	77.65
Willacy	52.97
Williamson	88.25
Wilson	75.52
Winkler	66.12
Wise	73.10
Wood	66.23
Yoakum	79.48
Young	81.90
Zapata	43.19
Zavala	42.30
Utah	
Beaver	75.46
Box Elder	68.01
Cache	64.86
Carbon	73.60
Daggett	56.60
Davis	84.85
Duchesne	68.50
Emery	61.22
Garfield	64.51
Grand	67.83

Iron	60.21
Juab	59.56
Kane	76.77
Millard	65.52
Morgan	72.07
Piute	60.67
Rich	74.83
Salt Lake	94.97
San Juan	45.22
Sanpete	51.75
Sevier	59.74
Summit	145.07
Tooele	64.55
Uintah	61.87
Utah	62.27
Wasatch	69.09
Washington	64.94
Wayne	62.73
Weber	80.75
Vermont	
Addison	89.40
Bennington	100.14
Caledonia	79.17
Chittenden	111.96
Essex	59.43
Franklin	81.94
Grand Isle	93.88
Lamoille	92.98
Orange	81.81
Orleans	77.07
Rutland	91.37
Washington	98.45
Windham	95.15
Windsor	98.07
Virginia	
Accomack	66.47
Amelia	82.36
Amherst	71.84
Appomattox	76.09
Arlington	173.76
Bath	90.18
Bland	63.18
Botetourt	95.08
Brunswick	59.19
Buchanan	68.65
Buckingham	57.97
Caroline	81.59
Charles City	86.41
Charlotte	65.79
Chesterfield	110.97
Clarke	101.19
Craig	75.21
Culpeper	89.77
Cumberland	66.30

Dickenson	58.83
Essex	75.22
Fauquier	131.10
Floyd	69.13
Fluvanna	78.58
Franklin	80.33
Giles	69.34
Gloucester	85.65
Goochland	144.63
Grayson	64.85
Greene	77.34
Halifax	66.01
Hanover	110.02
Henrico	120.41
Highland	81.37
Isle of Wight	92.86
King and Queen	80.40
King George	99.39
King William	92.97
Lancaster	112.56
Lee	64.37
Loudoun	122.62
Louisa	87.22
Lunenburg	61.27
Madison	80.60
Mathews	117.58
Mecklenburg	69.57
Middlesex	91.81
Nelson	84.64
New Kent	92.43
Northampton	80.41
Northumberland	87.95
Nottoway	71.04
Orange	85.24
Page	68.67
Patrick	63.47
Powhatan	88.32
Prince Edward	55.04
Pulaski	79.23
Rappahannock	98.55
Richmond	60.99
Russell	64.38
Scott	64.22
Shenandoah	81.23
Smyth	69.04
Stafford	97.17
Surry	71.94
Sussex	64.46
Tazewell	71.90
Warren	86.76
Westmoreland	80.63
Wythe	68.95
Alexandria (Independent City)	171.21
Chesapeake	97.85

(Independent City)	
Hampton (Independent City)	87.77
Newport News (Independent City)	80.49
Norfolk (Independent City)	85.07
Portsmouth (Independent City)	80.82
Richmond (Independent City)	108.67
Roanoke (Independent City)	91.73
Suffolk (Independent City)	86.70
Virginia Beach (Independent City)	107.60
Albemarle + Charlottesville	112.22
Alleghany + Covington	76.18
Augusta, Staunton + Waynesboro	83.31
Bedford + Bedford City	95.13
Campbell + Lynchburg	81.13
Carroll + Galax	69.01
Dinwiddie, Colonial Heights + Petersburg	86.21
Fairfax, Fairfax City + Falls Church	172.98
Frederick + Winchester	92.40
Greensville + Emporia	58.84
Henry + Martinsville	75.19
James City + Williamsburg	123.26
Montgomery + Radford	67.08
Pittsylvania + Danville	75.88
Prince George + Hopewell	75.18
Prince William, Manassas + Manassas Park	105.12
Roanoke + Salem	105.56
Rockbridge, Buena Vista + Lexington	78.01
Rockingham + Harrisonburg	77.35
Southampton + Franklin	78.93
Spotsylvania + Fredericksburg	96.40
Washington + Bristol	80.09
Wise + Norton	66.54
York + Poquoson	107.64

Washington	
Adams	70.05
Asotin	83.27
Benton	93.09
Chelan	87.12
Clallam	86.62
Clark	92.65
Columbia	84.87
Cowlitz	77.97
Douglas	73.27
Ferry	59.28
Franklin	65.82
Garfield	74.34
Grant	68.90
Grays Harbor	74.03
Island	89.79
Jefferson	98.76
King	144.83
Kitsap	102.17
Kittitas	75.22
Klickitat	76.47
Lewis	74.63
Lincoln	75.60
Mason	77.62
Okanogan	75.25
Pacific	71.76
Pend Oreille	68.53
Pierce	94.94
San Juan	123.24
Skagit	93.81
Skamania	73.62
Snohomish	100.41
Spokane	85.41
Stevens	64.99
Thurston	98.44
Wahkiakum	76.41
Walla Walla	75.23
Whatcom	84.35
Whitman	65.14
Yakima	75.78
West Virginia	
Barbour	61.28
Berkeley	81.89
Boone	63.91
Braxton	55.41
Brooke	76.96
Cabell	84.50
Calhoun	53.80
Clay	48.64
Doddridge	58.03
Fayette	64.91
Gilmer	62.84
Grant	73.38
Greenbrier	73.93

Hampshire	62.96
Hancock	78.81
Hardy	67.57
Harrison	86.25
Jackson	67.25
Jefferson	91.99
Kanawha	103.73
Lewis	68.30
Lincoln	55.02
Logan	72.21
McDowell	53.25
Marion	79.65
Marshall	74.37
Mason	63.86
Mercer	75.83
Mineral	70.54
Mingo	65.10
Monongalia	87.43
Monroe	62.17
Morgan	86.37
Nicholas	65.60
Ohio	95.50
Pendleton	70.79
Pleasants	78.92
Pocahontas	71.70
Preston	66.37
Putnam	89.00
Raleigh	78.32
Randolph	74.08
Ritchie	65.28
Roane	57.74
Summers	55.63
Taylor	61.14
Tucker	70.19
Tyler	63.50
Upshur	62.20
Wayne	63.12
Webster	52.95
Wetzel	73.59
Wirt	55.44
Wood	83.08
Wyoming	61.31
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	88.57
Big Horn	73.04
Campbell	98.67
Carbon	85.02
Converse	92.05
Crook	95.89
Fremont	80.52
Goshen	77.01
Hot Springs	89.24
Johnson	95.96
Laramie	103.70
Lincoln	83.35
Natrona	111.05
Niobrara	93.78
Park	94.44
Platte	84.48
Sheridan	106.44
Sublette	106.70
Sweetwater	102.93
Teton	242.83
Uinta	90.02
Washakie	96.86
Weston	98.40

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

PART 241 -- FLOOD CONTROL COST-SHARING REQUIREMENTS UNDER THE
ABILITY TO PAY PROVISION

Sec.

241.1 Purpose.

241.2 Applicability.

241.3 References.

241.4 General policy.

241.5 Procedures for estimating the alternative cost- share.

241.6 Deferred payments for certain qualifying projects.

241.7 Application of test.

Authority: Sec. 103 (m), Pub. L. 99-662, 100 Stat. 4082 (33 U.S.C. 2201 et seq.), as amended by Sec. 201, Pub. L. 102-580, 106 Stat. 4797 (33 U.S.C. 2201 et seq.)

Source: 54 FR 40581, Oct. 2, 1989, unless otherwise noted.

§241.2 Applicability.

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

[60 FR 5133, Jan. 26, 1995]

241.3 References.

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

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

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

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

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

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

- f) U.S. Army Corps of Engineers, Engineer Regulation 1165-2-29.
- (g) U.S. Army Corps of Engineers, Engineer Regulation 1165-2-121.
- (h) U.S. Army Corps of Engineers, Engineer Regulation 1165-2-131.
- (i) U.S. Army Corps of Engineers, Engineer Regulation 405-1-12.

[60 FR 5133, Jan. 26, 1995]

§241.4 General policy.

(a) Procedures described herein establish an "ability to pay" test which will be applied to all flood control 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 control 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 control 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 control benefits (developed using the Water Resources Council's Principles and Guidelines -- ref. §241.3(b)) to flood control 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 in the April Survey of Current Business. (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 in the April Survey of Current Business. (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 Engineering Circulars. The values will be set so that $b_2=2^x b_1$, 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 control 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 control 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 control cost sharing provisions of section 103 of Pub. L. 99-662, 33 U.S.C. 2213, as follows:

(1) When $EF \sim 1$, 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 = $50 - EF \times (50 - BF)$

(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 I 03(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 control 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 control 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.

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§241.7 Application of test.

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

(b) The official application of the ability to pay test will be made at the time the Project Cooperation Agreement (PCA) between the Corps of Engineers and the Non-Federal sponsor is signed. For structural flood control 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 D.S.C. 2213, includes LERRD). In this case, if the Eligibility Factor is greater than zero but less than one, the ability to pay non-Federal share will be determined using estimated costs.

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

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

(2) An exhibit attached to the Project Cooperation Agreement (PCA) will include the Benefits Based Floor (BBF) determined in §241.5(a); the Eligibility Factor (EF) determined in §241.5(b);

If the Eligibility Factor is greater than zero but less than one, the estimated standard non-Federal share; the formula used in determining the ability to pay share as described in §241.5(c)(1) through (c)(4); and a display of the non-Federal cost share under the high cost criteria described in §241.5(d).

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

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

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

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

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(An additional URL for retrieval of the Ability-To-Pay procedures from the Code of Federal Regulations (CFR)

http://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