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Title 18: Conservation of Power and Water Resources

PART 11—ANNUAL CHARGES UNDER PART I OF THE FEDERAL POWER ACT

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AUTHORITY: 16 U.S.C. 792-828c; 42 U.S.C. 7101-7352.

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Subpart A—Charges for Costs of Administration, Use of Tribal Lands and Other Government Lands, and Use of Government Dams

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§11.1 Costs of administration.

(a) *Authority.* Pursuant to section 10(e) of the Federal Power Act and section 3401 of the Omnibus Budget Reconciliation Act of 1986, the Commission will assess reasonable annual charges against licensees and exemptees to reimburse the United States for the costs of administration of the Commission's hydropower regulatory program.

(b) *Scope.* The annual charges under this section will be charged to and allocated among:

(1) All licensees of projects of more than 1.5 megawatts of installed capacity; and

(2) All holders of exemptions under either section 30 of the Federal Power Act or sections 405 and 408 of the Public Utility Regulatory Policies Act of 1978, as amended by section 408 of the Energy Security Act of 1980, but only if the exemption was issued subsequent to April 21, 1995 and is for a project of more than 1.5 megawatts of installed capacity.

(3) If the exemption for a project of more than 1.5 megawatts of installed capacity was issued subsequent to April 21, 1995 but pursuant to an application filed prior to that date, the exemptee may credit against its annual charge any filing fee paid pursuant to §381.601 of this chapter, which was removed effective April 21, 1995, 18 CFR 381.601 (1994), until the total of all such credits equals the filing fee that was paid.

(c) *Licenses and exemptions other than State or municipal.* For licensees and exemptees, other than State or municipal:

(1) A determination shall be made for each fiscal year of the costs of administration of Part I of the Federal Power Act chargeable to such licensees or exemptees, from which shall be deducted any administrative costs that are stated in the license or exemption or fixed by the Commission in determining headwater benefit payments.

(2) For each fiscal year the costs of administration determined under paragraph (c)(1) of this section will be assessed against such licenses or exemptee in the

proportion that the annual charge factor for each such project bears to the total of the annual charge factors under all such outstanding licenses and exemptions.

(3) The annual charge factor for each such project shall be found as follows:

(i) For a conventional project the factor is its authorized installed capacity plus 112.5 times its annual energy output in millions of kilowatt-hours.

(ii) For a pure pumped storage project the factor is its authorized installed capacity.

(iii) For a mixed conventional-pumped storage project the factor is its authorized installed capacity plus 112.5 times its gross annual energy output in millions of kilowatt-hours less 75 times the annual energy used for pumped storage pumping in million of kilowatt-hours.

(iv) For purposes of determining their annual charges factor, projects that are operated pursuant to an exemption will be deemed to have an annual energy output of zero.

(4) To enable the Commission to determine such charges annually, each licensee whose authorized installed capacity exceeds 1.5 megawatts must file with the Commission, on or before November 1 of each year, a statement under oath showing the gross amount of power generated (or produced by nonelectrical equipment) and the amount of power used for pumped storage pumping by the project during the preceding fiscal year, expressed in kilowatt hours. If any licensee does not report the gross energy output of its project within the time specified above, the Commission's staff will estimate the energy output and this estimate may be used in lieu of the filings required by this section made by such licensee after November 1.

(5) For unconstructed projects, the assessments begin on the date by which the licensee or exemptee is required to commence project construction, or as that deadline may be extended. For constructed projects, the assessments begin on the effective date of the license or exemption, except for any new capacity authorized therein. The assessments for new authorized capacity at licensed or exempted projects begin on the date by which the licensee or exemptee is required to commence construction of the new capacity. In the event that assessments begin during a fiscal year, the charges will be prorated.

(d) *State and municipal licensees and exemptees.* For State or municipal licensees and exemptees:

(1) A determination shall be made for each fiscal year of the cost of administration under Part I of the Federal Power Act chargeable to such licensees and exemptees, from which shall be deducted any administrative costs that are

stated in the license or exemption or that are fixed by the Commission in determining headwater benefit payments.

(2) An exemption will be granted to a licensee or exemptee to the extent, if any, to which it may be entitled under section 10(e) of the Act provided the data is submitted as requested in paragraphs (d) (4) and (5) of this section.

(3) For each fiscal year the total actual cost of administration as determined under paragraph (d)(1) of this section will be assessed against each such licensee or exemptee (except to the extent of the exemptions granted pursuant to paragraph (d)(2) of this section) in the proportion that the authorized installed capacity of each such project bears to the total such capacity under all such outstanding licenses or exemptions.

(4) To enable the Commission to compute on the bill for annual charges the exemption to which State and municipal licensees and exemptees are entitled because of the use of power by the licensee or exemptee for State or municipal purposes, each such licensee or exemptee must file with the Commission, on or before November 1 of each year, a statement under oath showing the following information with respect to the power generated by the project and the disposition thereof during the preceding fiscal year, expressed in kilowatt-hours:

(i) Gross amount of power generated by the project.

(ii) Amount of power used for station purposes and lost in transmission, etc.

(iii) Net amount of power available for sale or use by licensee or exemptee, classified as follows:

(A) Used by licensee or exemptee.

(B) Sold by licensee or exemptee.

(5) When the power from a licensed or exempted project owned by a State or municipality enters into its electric system, making it impracticable to meet the requirements of this section with respect to the disposition of project power, such licensee or exemptee may, in lieu thereof, furnish similar information with respect to the disposition of the available power of the entire electric system of the licensee or exemptee.

(6) The assessments commence on the date of commencement of project operation. In the event that project operation commences during a fiscal year, the charges will be prorated based on the date on which operation commenced.

(e) *Transmission lines.* For projects involving transmission lines only, the administrative charge will be stated in the license.

(f) *Maximum charge.* No licensed or exempted project's annual charge may exceed a maximum charge established each year by the Commission to equal 2.0 percent of the adjusted Commission costs of administration of the hydropower regulatory program. For every project with an annual charge determined to be above the maximum charge, that project's annual charge will be set at the maximum charge, and any amount above the maximum charge will be reapportioned to the remaining projects. The reapportionment will be computed using the method outlined in paragraphs (c) and (d) of this section (but excluding any project whose annual charge is already set at the maximum amount). This procedure will be repeated until no project's annual charge exceeds the maximum charge.

(g) *Commission's costs.* (1) With respect to costs incurred by the Commission, the assessment of annual charges will be based on an estimate of the costs of administration of Part I of the Federal Power Act that will be incurred during the fiscal year in which the annual charges are assessed. After the end of the fiscal year, the assessment will be recalculated based on the costs of administration that were actually incurred during that fiscal year; the actual costs will be compared to the estimated costs; and the difference between the actual and estimated costs will be carried over as an adjustment to the assessment for the subsequent fiscal year.

(2) The issuance of bills based on the administrative costs incurred by the Commission during the year in which the bill is issued will commence in 1993. The annual charge for the administrative costs that were incurred in fiscal year 1992 will be billed in 1994. At the licensee's option, the charge may be paid in three equal annual installments in fiscal years 1994, 1995, and 1996, plus any accrued interest. If the licensee elects the three-year installment plan, the Commission will accrue interest (at the most recent yield of two-year Treasury securities) on the unpaid charges and add the accrued interest to the installments billed in fiscal years 1995 and 1996.

(h) In making their annual reports to the Commission on their costs in administering Part I of the Federal Power Act, the United States Fish and Wildlife Service and the National Marine Fisheries Service are to deduct any amounts that were deposited into their Treasury accounts during that year as reimbursements for conducting studies and reviews pursuant to section 30(e) of the Federal Power Act.

(i) *Definition.* As used in paragraphs (c) and (d) of this section, *authorized installed capacity* means the lesser of the ratings of the generator or turbine units. The rating of a generator is the product of the continuous-load capacity rating of the generator in kilovolt-amperes (kVA) and the system power factor in kW/kVA. If the licensee or exemptee does not know its power factor, a factor of 1.0 kW/kVA will be used. The rating of a turbine is the product of the turbine's capacity in horsepower (hp) at best gate (maximum efficiency point) opening under the manufacturer's rated head times a conversion factor of 0.75 kW/hp. If the generator or turbine installed has a rating different from that authorized in the license or exemption, or the installed generator is rewound or otherwise modified to change its rating, or the

turbine is modified to change its rating, the licensee or exemptee must apply to the Commission to amend its authorized installed capacity to reflect the change.

(j) *Transition.* For a license having the capacity of the project for annual charge purposes stated in horsepower, that capacity shall be deemed to be the capacity stated in kilowatts elsewhere in the license, including any amendments thereto.

[60 FR 15047, Mar. 22, 1995, as amended by Order 584, 60 FR 57925, Nov. 24, 1995; Order 815, 80 FR 63671, Oct. 21, 2015; Order 857, 84 FR 7991, Mar. 6, 2019]

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§11.2 Use of government lands.

(a) Reasonable annual charges for recompensing the United States for the use, occupancy, and enjoyment of its lands (other than lands adjoining or pertaining to Government dams or other structures owned by the United States Government) or its other property, will be fixed by the Commission.

(b) *General rule.* Annual charges for the use of government lands will be payable in advance, and will be set on the basis of an annual schedule of per-acre rental fees, as set forth in Appendix A of this part. The Executive Director will publish the updated fee schedule in the FEDERAL REGISTER.

(c) The annual per-acre rental fee is the product of four factors: the adjusted per-acre value multiplied by the encumbrance factor multiplied by the rate of return multiplied by the annual adjustment factor.

(1) *Adjusted per-acre value.* (i) Counties (or other geographical areas) are assigned a per-acre value based on their average per-acre land and building value published in the Census of Agriculture (Census) by the National Agricultural Statistics Service (NASS). The adjusted per-acre value is computed by reducing the NASS Census land and building value by the sum of a state-specific modifier and seven percent. A table of state-specific adjustments will be available on the Commission's Web site.

(ii) The state-specific modifier is a percentage reduction applicable to all counties or geographic areas in a state (except Puerto Rico), and represents the ratio of the total value of irrigated farmland in the state to the total value of all farmland in the state. The state-specific modifier will be recalculated every five years beginning in payment year 2016.

(iii) The state-specific modifier for Puerto Rico is 13 percent.

(iv) For all geographic areas in Alaska except for the Aleutian Islands Area, the Commission will calculate a statewide per-acre value based on the average per-acre land and building values published in the NASS Census for the Kenai Peninsula

Area and the Fairbanks Area. This statewide per-acre value will be reduced by the sum of the state-specific modifier and seven percent. The resulting adjusted statewide per-acre value will be applied to all projects located in Alaska, except for projects located in the Aleutian Island Area.

(2) *Encumbrance factor.* The encumbrance factor is 50 percent.

(3) *Rate of return.* The rate of return is 5.77 percent through payment year 2025. The rate of return will be adjusted every 10 years thereafter, and will be based on the 10-year average of the 30-year Treasury bond yield rate immediately preceding the applicable NASS Census. For example, for years 2026 through 2035, the rate of return will be based on the 10-year average (2012-2021) of the 30-year Treasury bond yield rate immediately preceding the 2022 NASS Census. If the 30-year Treasury bond yield rate is not available, the next longest term Treasury bond available should be used in its place.

(4) *Annual adjustment factor.* The annual adjustment factor is 1.9 percent through payment year 2015. For years 2016 through 2025, the annual adjustment factor is the annual change in the Implicit Price Deflator for the Gross Domestic Product (IPD-GDP) for the ten years (2014-2023) preceding issuance (2024) of the most recent NASS Census (2022). Each subsequent ten year adjustment will be made in the same manner.

(d) The annual charge for the use of Government lands for 2013 will be reduced by 25 percent for all licensees subject to this section.

(e) The minimum annual charge for the use of Government lands under any license will be \$25.

[Order 774, 78 FR 5265, Jan. 25, 2013, as amended by Order 838, 83 FR 7, Jan. 2, 2018]

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§11.3 Use of government dams, excluding pumped storage projects.

(a) *General rule.* (1) Any licensee whose non-Federal project uses a Government dam or other structure for electric power generation and whose annual charges are not already specified in final form in the license must pay the United States an annual charge for the use of that dam or other structure as determined in accordance with this section. Payment of such annual charge is in addition to any reimbursement paid by a licensee for costs incurred by the United States as a direct result of the licensee's project development at such Government dam.

(2) Any licensee that is obligated under the terms of a license issued on or before September 16, 1986 to pay specified annual charges for the use of a Government dam must continue to pay the annual charges prescribed in the project

license pending any readjustment of the annual charge for the project made pursuant to section 10(e) of the Federal Power Act.

(b) *Graduated flat rates.* Annual charges for the use of Government dams or other structures owned by the United States are 1 mill per kilowatt-hour for the first 40 gigawatt-hours of energy a project produces, 1½ mills per kilowatt-hour for over 40 up to and including 80 gigawatt-hours, and 2 mills per kilowatt-hour for any energy the project produces over 80 gigawatt-hours.

(c) *Information reporting.* (1) Except as provided in paragraph (c)(2) of this section, each licensee must file with the Commission, on or before November 1 of each year, a sworn statement showing the gross amount of energy generated during the preceding fiscal year and the amount of energy provided free of charge to the Government. The determination of the annual charge will be based on the gross energy production less the energy provided free of charge to the Government.

(2) A licensee who has filed these data under another section of part 11 or who has submitted identical data with FERC or the Energy Information Administration for the same fiscal year is not required to file the information described in paragraph (c) (1) of this section. Referenced filings should be identified by company name, date filed, docket or project number, and form, number.

(d) *Credits.* A licensee may file a request with the Director of the Office of Energy Projects for a credit for contractual payments made for construction, operation, and maintenance of a Government dam at any time before 30 days after receiving a billing for annual charges determined under this section. The Director, or his designee, will grant such a credit only when the licensee demonstrates that a credit is reasonably justified. The Director, or his designee, shall consider, among other factors, the contractual arrangements between the licensee and the Federal agency which owns the dam and whether these arrangements reveal clearly that substantial payments are being made for power purposes, relevant legislation, and other equitable factors.

[Order 379, 49 FR 22778, June 1, 1984, as amended by Order 379-A, 49 FR 33862, Aug. 27, 1984. Redesignated at 51 FR 24318, July 3, 1986; Order 469, 52 FR 18209, May 14, 1987; 52 FR 33802, Sept. 8, 1987; 53 FR 44859, Nov. 7, 1988; Order 647, 69 FR 32438, June 10, 2004]

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§11.4 Use of government dams for pumped storage projects, and use of tribal lands.

(a) *General Rule.* The Commission will determine on a case-by-case basis under section 10(e) of the Federal Power Act the annual charges for any pumped

storage project using a Government dam or other structure and for any project using tribal lands within Indian reservations.

(b) *Information reporting.* (1) Except as provided in paragraph (b)(2) of this section a Licensee whose project includes pumped storage facilities must file with the Commission, on or before November 1 of each year, a sworn statement showing the gross amount of energy generated during the preceding fiscal year, and the amount of energy provided free of charge to the Government, and the amount of energy used for pumped storage pumping.

(2) A licensee who has filed these data under another section of part 11 or who has submitted identical data with FERC or the Energy Information Administration for the same fiscal year is not required to file the information required in paragraph (b) (1) of this section. Referenced filings should be identified by company name, date filed, docket or project number, and form number.

(c) Commencing in 1993, the annual charges for any project using tribal land within Indian reservations will be billed during the fiscal year in which the land is used, for the use of that land during that year.

[Order 379, 49 FR 22778, June 1, 1984. Redesignated at 51 FR 24318, July 3, 1986; Order 469, 52 FR 18209, May 14, 1987; 52 FR 33802, Sept. 8, 1987; Order 551, 58 FR 15770, Mar. 24, 1993]

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§11.5 Exemption of minor projects.

No exemption will be made from payment of annual charges for the use of Government dams or tribal lands within Indian reservations but licenses may be issued without charges other than for such use for the development, transmission, or distribution of power for domestic, mining, or other beneficial use in minor projects.

[Order 141, 12 FR 8492, Dec. 19, 1947. Redesignated by Order 379, 49 FR 22778, June 1, 1984. Redesignated at 51 FR 24318, July 3, 1986]

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§11.6 Exemption of State and municipal licensees and exemptees.

(a) *Bases for exemption.* A State or municipal licensee or exemptee may claim total or partial exemption from the assessment of annual charges upon one or more of the following grounds:

(1) The project was primarily designed to provide or improve navigation;

(2) To the extent that power generated, transmitted, or distributed by the project was sold directly or indirectly to the public (ultimate consumer) without profit;

(3) To the extent that power generated, transmitted, or distributed by the project was used by the licensee for State or municipal purposes.

(b) *Projects primarily for navigation.* No State or municipal licensee shall be entitled to exemption from the payment of annual charges on the ground that the project was primarily designed to provide or improve navigation unless the licensee establishes that fact from the actual conditions under which the project was constructed and was operated during the calendar year for which the charge is made.

(c) *State or municipal use.* A State or municipal licensee shall be entitled to exemption from the payment of annual charges for the project to the extent that power generated, transmitted, or distributed by the project is used by the licensee itself for State or municipal purposes, such as lighting streets, highways, parks, public buildings, etc., for operating licensee's water or sewerage system, or in performing other public functions of the licensee.

(d) *Sales to public.* No State or municipal licensee shall be entitled to exemption from the payment of annual charges on the ground that power generated, transmitted, or distributed by the project is sold to the public without profit, unless such licensee shall show:

(1) That it maintains an accounting system which segregates the operations of the licensed project and reflects with reasonable accuracy the revenues and expenses of the project;

(2) That an income statement, prepared in accordance with the Commission's Uniform System of Accounts, shows that the revenues from the sale of project power do not exceed the total amount of operating expenses, maintenance, depreciation, amortization, taxes, and interest on indebtedness, applicable to the project property. Periodic accruals or payments for redemption of the principal of bonds or other indebtedness may not be deducted in determining the net profit of the project.

(e) *Sales for resale.* Notwithstanding compliance by a State or municipal licensee with the requirements of paragraph (d) of this section, it shall be subject to the payment of annual charges to the extent that electric power generated, transmitted, or distributed by the project is sold to another State, municipality, person, or corporation for resale, unless the licensee shall show that the power was sold to the ultimate consumer without profit. The matter of whether or not a profit was made is a question of fact to be established by the licensee.

(f) *Interchange of power.* Notwithstanding compliance by a State or municipal licensee with the requirements of paragraph (d) of this section, it shall be subject to the payment of annual charges to the extent that power generated, transmitted, or distributed by the project was supplied under an interchange agreement to a State, municipality, person, or corporation for sale at a profit (which power was not offset by an equivalent amount of power received under such interchange agreement) unless the licensee shall show that the power was sold to ultimate consumers without profit.

(g) *Construction period.* During the period when the licensed project is under construction and is not generating power, it will be considered as operating without profit within the meaning of this section, and licensee will be entitled to total exemption from the payment of annual charges, except as to those charges relating to the use of a Government dam or tribal lands within Indian reservations.

(h) *Optional showing.* When the power from the licensed project enters into the electric power system of the State or municipal licensee, making it impracticable to meet the requirements set forth in this section with respect to the operations of the project only, such licensee may, in lieu thereof, furnish the same information with respect to the operations of said electric power system as a whole.

(i) *Application for exemption.* Applications for exemption from payment of annual charges shall be signed by an authorized executive officer or chief accounting officer of the licensee or exemptee and verified under oath. The application must be filed with the Secretary of the Commission in accordance with filing procedures posted on the Commission's Web site at <http://www.ferc.gov> within the time allowed (by §11.20) for the payment of the annual charges. If the licensee or exemptee, within the time allowed for the payment of the annual charges, files notice that it intends to file an application for exemption, an additional period of 30 days is allowed within which to complete and file the application for exemption. The filing of an application for exemption does not by itself alleviate the requirement to pay the annual charges, nor does it exonerate the licensee or exemptee from the assessment of penalties under §11.21. If a bill for annual charges becomes payable after an application for an exemption has been filed and while the application is still pending for decision, the bill may be paid under protest and subject to refund.

[Order 143, 13 FR 6681, Nov. 13, 1948. Redesignated and amended by Order 379, 49 FR 22778, June 1, 1984. Redesignated at 51 FR 24318, July 3, 1986; 60 FR 15048, Mar. 22, 1995; Order 737, 75 FR 43403, July 26, 2010]

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§11.7 Effective date.

All annual charges imposed under this subpart will be computed beginning on the effective date of the license unless some other date is fixed in the license.

[51 FR 24318, July 3, 1986]

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§11.8 Adjustment of annual charges.

All annual charges imposed under this subpart continue in effect as fixed unless changed as authorized by law.

[51 FR 24318, July 3, 1986]

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Subpart B—Charges for Headwater Benefits

SOURCE: Order 453, 51 FR 24318, July 3, 1986, unless otherwise noted.

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§11.10 General provision; waiver and exemptions; definitions.

(a) *Headwater benefits charges.* (1) The Commission will assess or approve charges under this subpart for direct benefits derived from headwater projects constructed by the United States, a licensee, or a pre-1920 permittee. Charges under this subpart will amount to an equitable part of the annual costs of interest, maintenance, and depreciation expenses of such headwater projects and the costs to the Commission of determining headwater benefits charges. Except as provided in paragraph (b) of this section, the owner of any non-Federal downstream project that receives headwater benefits must pay charges determined under this subpart.

(2) Headwater benefits are the additional electric generation at a downstream project that results from regulation of the flow of the river by the headwater, or upstream, project, usually by increasing or decreasing the release of water from a storage reservoir.

(b) *Waiver and exemptions.* The owner of a downstream project with installed generating capacity of 1.5 MW (2000 horsepower) or less or for which the Commission has granted an exemption from section 10(f) is not required to pay headwater benefits charges.

(c) *Definitions.* For purposes of this subpart:

(1) *Energy gains* means the difference between the number of kilowatt-hours of energy produced at a downstream project with the headwater project and that which would be produced without the headwater project.

(2) *Generation* means gross generation of electricity at a hydroelectric project, including generation needed for station use or the equivalent for direct drive units,

measured in kilowatt-hours. It does not include energy used for or derived from pumping in a pumped storage facility.

(3) *Headwater project costs* means the total costs of an upstream project constructed by the United States, a licensee, or pre-1920 permittee.

(4) *Separable cost* means the difference between the cost of a multiple-function headwater project with and without any particular function.

(5) *Remaining benefits* means the difference between the separable cost of a specific function in a multiple-function project and the lesser of:

(i) The benefits of that function in the project, as determined by the responsible Federal agency at the time the project or function was authorized; or

(ii) The cost of the most likely alternative single-function project providing the same benefits.

(6) *Joint-use cost* means the difference between the total project cost and the total separable costs. Joint-use costs are allocated among the project functions according to each function's percentage of the total remaining benefits.

(7) *Specific power cost* means that portion of the headwater project costs that is directly attributable to the function of power generation at the headwater project, including, but not limited to, the cost of the electric generators, turbines, penstocks, and substation.

(8) *Joint-use power cost* means the portion of the joint-use cost allocated to the power function of the project.

(9) *Section 10(f) costs* means the annual interest, depreciation, and maintenance expense portion of the joint-use power cost, including costs of non-power functions required by statute to be paid by revenues from the power function.

(10) *Party* means:

(i) The owner of a non-Federal downstream hydroelectric project which is directly benefited by a headwater project constructed by the United States, a licensee, or a pre-1920 permittee;

(ii) The owner of a headwater project constructed by the United States, a licensee, or a pre-1920 permittee;

(iii) An operating agency of, or an agency marketing power from, a headwater project constructed by the United States; or

(iv) Any party, as defined in §385.102(c) of this chapter.

(11) *Final charge* means a charge assessed on an annual basis to recover section 10(f) costs and which represents the final determination of the charge for the period for which headwater benefits are assessed. Final charges may be established retroactively, to finalize an interim charge, or prospectively.

(12) *Interim charge* means a charge assessed to recover section 10(f) costs for a specified period of headwater benefits pending determination of a final charge for that period.

(13) *Investment cost* means the sum of:

(i) Project construction costs, including cost of land, labor and materials, cost of pre- and post-authorization investigations, and cost of engineering, supervision, and administration during construction of the project; and

(ii) Interest during construction.

[Order 453, 51 FR 24318, July 3, 1986, as amended by Order 699, 72 FR 45324, Aug. 14, 2007]

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§11.11 Energy gains method of determining headwater benefits charges.

(a) *Applicability*. This section applies to any determination of headwater benefits charges, unless:

(1) The Commission has approved headwater benefits charges pursuant to an existing coordination agreement among the parties;

(2) The parties reach, and the Commission approves, a settlement with respect to headwater benefits charges, pursuant to §11.14(a) of this subpart; or

(3) Charges may be assessed under §11.14(b).

(b) *General rule*—(1) *Summary*. Except as provided in paragraph (b)(3) of this section, a headwater benefits charge for a downstream project is determined under this subpart by apportioning the section 10(f) costs of the headwater project among the headwater project and all downstream projects that are not exempt from or waived from headwater benefits charges under §11.10(b) of this chapter, according to each project's share of the total energy benefits to those projects resulting from the headwater project.

(2) *Calculation; headwater benefits formula*. The annual headwater benefits charge for a downstream project is derived by multiplying the section 10(f) cost by the ratio of the energy gains received by the downstream project to the sum of total energy gains received by all downstream projects (except those projects specified in

§11.10(b) of this chapter) plus the energy generated at the headwater project that is assigned to the joint-use power cost, as follows:

$$P = C_p \times \frac{E_n}{E_j + E_d}$$

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In which:

P = annual payment to be made for headwater benefits received by a downstream project,

C_p = annual section 10(f) cost of the headwater project,

E_n = annual energy gains received at a downstream project, or group of projects if owned by one entity,

E_d = annual energy gains received at all downstream projects (except those specified in §11.10(b) of this chapter), and

E_j = portion of the annual energy generated at the headwater project assigned to the joint-use power cost.

(3) If power generation is not a function of the headwater project, section 10(f) costs will be apportioned only among the downstream projects.

(4) If the headwater project is constructed after the downstream project, liability for headwater benefits charges will accrue beginning on the day on which any energy losses at the downstream project due to filling the headwater reservoir have been offset by subsequent energy gains. If the headwater project is constructed prior to the downstream project, liability for headwater benefits charges will accrue beginning on the day on which benefits are first realized by the downstream project.

(5) No final charge assessed by the Commission under this subpart may exceed 85 percent of the value of the energy gains. If a party demonstrates, within the time specified in §11.17(b)(3) for response to a preliminary assessment, that any final charge assessed under this subpart, not including the cost of the investigation assessed under §11.17(c), exceeds 85 percent of the value of the energy gains provided to the downstream project for the period for which the charge is assessed, the Commission will reduce the charge to not more than 85 percent of the value. For purposes of this paragraph, the *value of the energy gains* is the cost of obtaining an equivalent amount of electricity from the most likely alternative source during the period for which the charge is assessed.

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§11.12 Determination of section 10(f) costs.

(a) *for non-Federal headwater projects.* If the headwater project was constructed by a licensee or pre-1920 permittee and a party requests the Commission to determine charges, the Commission will determine on a case-by-case basis what portion of the annual interest, maintenance, and depreciation costs of the headwater project constitutes the section 10(f) costs, for purposes of this subpart.

(b) *For Federal headwater projects.* (1) If the headwater project was constructed or is operated by the United States, and the Commission has not approved a settlement between the downstream project owner and the headwater project owner, the section 10(f) cost will be determined by deriving, from information provided by the headwater project owner pursuant to §11.16 of this subpart, the joint-use power cost and the portion of the annual joint-use power cost that represents the interest, maintenance, and depreciation costs of the project.

(2) If power is not an authorized function of the headwater project, the section 10(f) cost is the annual interest, maintenance, and depreciation portion of the headwater project costs designated as the joint-use power cost, derived by deeming a power function at the project. The value of the benefits assigned to the deemed power function, for purposes of determining the value of remaining benefits of the joint-use power cost, is the total value of downstream energy gains included in the headwater benefits formula.

(3) For purposes of this paragraph, *total value of downstream energy gains* means the lesser of:

(i) The cost of generating an equivalent amount of electricity at the most likely alternative facility at the time the headwater project became operational; or

(ii) The incremental cost of installing electrical generation at the headwater project at the time the project became operational.

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§11.13 Energy gains calculations.

(a) *Energy gains at a downstream project.* (1) Energy gains at a downstream project are determined by simulating operation of the downstream project with and without the effects of the headwater project. Except for determinations which are not complex or in which headwater benefits are expected to be small, calculations will be made by application of the Headwater Benefits Energy Gains Model, as presented in *The Headwater Benefits Energy Gains (HWBEG) Model Description and Users Manual*, which is available for the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, VA 22161.

(2) If more than one headwater project provide energy gains to a downstream project, the energy gains at the downstream project are attributed to the headwater projects according to the time sequence of commencement of operation in which each headwater project provided energy gains at the downstream project, by:

(i) Crediting the headwater project that is first in time with the amount of energy gains that it provided to the downstream project prior to operation of the headwater project that is next in time; and

(ii) Crediting any subsequent headwater project with the additional increment of energy gains provided by it to the downstream project.

(3) Annual energy losses at a downstream project, or group of projects owned by the same entity, that are attributable to the headwater project will be subtracted from energy gains for the same annual period at the downstream project or group of projects. A net loss in one calendar year will be subtracted from net gains in subsequent years until no net loss remains.

(b) *Energy generated at the headwater project.* (1) Except as provided in paragraphs (b)(2) and (b)(3) of this section, the portion of the total annual energy generation at the headwater project that is to be attributed to the joint-use power cost is derived by multiplying the total annual generation at the headwater project and the ratio of the project investment cost assigned to the joint-use power cost to the sum of the investment cost assigned to both the specific power cost and the joint-use power cost of the headwater project, as follows:

$$E_j = E \times \frac{C_j}{C_s + C_j}$$

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In which:

E_j = annual energy generated at the headwater project to be attributed to the joint-use power cost,

E = total annual generation at the headwater project,

C_j = project investment costs assigned to the joint-use power cost, and

C_s = project investment costs assigned to specific power costs.

(2) If the headwater project contains a pumped storage facility, calculation of the portion of the total annual energy generation at the headwater project that is attributable to the joint-use power cost will be determined on a case-by-case basis.

(3) If no power is generated at the headwater project, the amount of energy attributable to the joint-use power cost under this section is the total of all downstream energy gains included in the headwater benefits formula.

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§11.14 Procedures for establishing charges without an energy gains investigation.

(a) *Settlements.* (1) Owners of downstream and headwater projects subject to this subpart may negotiate a settlement for headwater benefits charges. Settlements must be filed with the Commission for its approval, according to the provisions of §385.602.

(2) If the headwater project is a Federal project, any settlement under this section must result in headwater benefits payments that approximate those that would result under the energy gains method.

(b) *Continuation of previous headwater benefits determinations.* (1) For any downstream project being assessed headwater benefit charges on or before September 16, 1986, the Commission will continue to assess charges to that project on the same basis until changes occur in the river basin, including hydrology or project development, that affect headwater benefits.

(2) Any procedures that apply to §11.17(b)(5) of this subpart will apply to any prospectively fixed charges that are continued under this paragraph.

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§11.15 Procedures for determining charges by energy gains investigation.

(a) *Purpose of investigations; limitation.* Except as permitted under §11.14, the Commission will conduct an investigation to obtain information for establishing headwater benefits charges under this subpart. The Commission will investigate and determine charges for a project downstream from a non-Federal headwater project only if the parties are unable to agree to a settlement and one of the parties requests the Commission to determine charges.

(b) *Notification.* The Commission will notify each downstream project owner and each headwater project owner when it initiates an investigation under this section, and the period of project operations to be studied will be specified. An investigation will continue until a final charge has been established for all years studied in the investigation.

(c) *Jurisdictional objections.* If any project owner wishes to object to the assessment of a headwater benefits charge on jurisdictional grounds, such objection must:

- (1) Be raised within 30 days after the notice of the investigation is issued; and
- (2) State in detail the grounds for its objection.

(d) *Investigations.* (1) For any downstream project for which a final charge pursuant to an investigation has never been established, the Commission will conduct an initial investigation to determine a final charge.

(2) The Commission may, for good cause shown by a party or on its own motion, initiate a new investigation of a river basin to determine whether, because of any change in the hydrology, project development, or other characteristics of the river basin that effects headwater benefits, it should:

(i) Establish a new final charge to replace a final charge previously established under §11.17(b)(5); or

(ii) Revise any variable of the headwater benefits formula that has become a constant in calculating a final charge.

(3) *Scope of investigations.* (i) The Commission will establish a final charge pursuant to an investigation based on information available to the Commission through the annual data submission requirements of §11.16, if such information is adequate to establish a reasonably accurate final charge.

(ii) If the information available to the Commission is not sufficient to provide a reasonably accurate calculation of the final charge, the Commission will request additional data and conduct any studies, including studies of the hydrology of the river basin and project operations, that it determines necessary to establish the charge.

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§11.16 Filing requirements.

(a) *Applicability.* (1) Any party subject to a headwater benefits determination under this subpart must supply project-specific data, in accordance with this section, by February 1 of each year for data from the preceding calendar year.

(2) Within 30 days of notice of initiation of an investigation under §11.15, a party must supply project-specific data, in accordance with this section, for the years specified in the notice.

(b) *Data required from owner of the headwater project.* The owner of any headwater project constructed by the United States, a licensee, or a pre-1920 permittee that is upstream from a non-Federal hydroelectric project must submit the following:

(1) Name and location of the headwater project, including the name of the stream on which it is located.

(2) The total nameplate rating of installed generating capacity of the project, expressed in kilowatts, with the portion of total capacity that represents pumped storage generating capacity separately designated.

(3) A description of the total storage capacity of the reservoir and allocation of storage capacity to each of its functions, such as dead storage, power storage, irrigation storage, and flood control storage. Identification, by reservoir elevation, of the portion of the reservoir assigned to each of its respective storage functions.

(4) An elevation-capacity curve, or a tabulation of reservoir pool elevations with corresponding reservoir storage capacities.

(5) A copy of rule curves, coordination contracts, agreements, or other relevant data governing the release of water from the reservoir, including a separate statement of their effective dates.

(6) A curve or tabulation showing actual reservoir pool elevations throughout the immediately preceding calendar year and for each year included in an investigation.

(7) The total annual gross generation of the hydroelectric plant in kilowatt-hours, not including energy from pumped storage operation.

(8) The total number of kilowatt-hours of energy produced from pumped storage operation.

(9) The investigation costs attributed to the power generation function of the project as of the close of the calendar year or at a specified date during the year, categorized according to that portion that is attributed to the specific power costs, and that portion that is attributed to the joint-use power costs.

(10) The portion of the joint-use power cost, and other costs required by law to be allocated to joint-use power cost, each item shown separately, that are attributable to the annual costs of interest, maintenance, and depreciation, identifying the annual interest rate and the method used to compute the depreciation charge, or the interest rate and period used to compute amortization if used in lieu of depreciation, including any differing interest rates used for major replacements or rehabilitation.

(c) *Data required from owners of downstream projects.* The owner of any hydroelectric project which is downstream from a headwater project constructed by the United States, a licensee, or pre-1920 permittee must submit the following:

(1) Name and location of the downstream project, including the name of the stream on which it is located.

(2) Total nameplate rating of the installed generating capacity of the plant, expressed in kilowatts, with the portion of total capacity that represents pumped storage generating capacity separately designated.

(3) Record of daily gross generation, not including energy used for pumped storage, and any unit outage which may have occurred.

(4) The total number of kilowatt-hours of energy produced from pumped storage operation.

(d) *Abbreviated data submissions.* (1) For those items in paragraphs (b) and (c) of this section in which data for the current period are the same as data furnished for a prior period, the data need not be resubmitted if the owner identifies the last period for which the data were reported.

(2) The Commission will notify the project owner that certain data items in paragraphs (b) and (c) are no longer required to be submitted annually if:

(i) A variable in the headwater benefits formula has become a constant; or

(ii) A prospective final charge, as described in §11.17(b)(5), has been established.

(e) *Additional data.* Owners of headwater projects or downstream projects must furnish any additional data required by the Commission staff under paragraph (a) of this section and may provide other data which they consider relevant.

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§11.17 Procedures for payment of charges and costs.

(a) *Payment for benefits from a non-Federal headwater project.* Any billing procedures and payments determined between a non-Federal headwater project owner and a downstream project owner will occur according to the agreement of those parties.

(b) *Charges and payment for benefits from a Federal headwater project—(1) Interim charges.* (i) If the Commission has not established a final charge and an investigation is pending, the Commission will issue a downstream project owner a bill for the interim charge and costs and a staff report explaining the calculation of the interim charge.

(ii) An interim charge will be a percentage of the estimate by the Commission staff of what the final charge will be, as follows:

(A) 100 percent of the estimated final charge if the Commission previously has completed an investigation of the project for which it is assessed; or

(B) 80 percent of the estimated final charge if the Commission has not completed an investigation of the project for which it is assessed.

(iii) When a final charge is established for a period for which an interim charge was paid, the Commission will apply the amount paid to the final charge.

(2) *Preliminary assessment of a final charge.* Unless the project owner was assessed a final charge in the previous year, the Commission will issue to the downstream project owner a preliminary assessment of any final charge when it is determined. A staff technical report explaining the basis of the assessment will be enclosed with the preliminary assessment. Copies of the preliminary assessment will be mailed to all parties.

(3) *Opportunity to respond.* After issuance of a preliminary assessment of a final charge, parties may respond in writing within 60 days after the preliminary assessment.

(4) *Order and bill.* (i) After the opportunity for written response by the parties to the preliminary assessment of a final charge, the Commission will issue to the downstream project owner an order establishing the final charge. Copies of the order will be mailed to all parties. A bill will be issued for the amount of the final charge and costs.

(ii) If a final charge is not established prospectively under paragraph (b)(5) of this section, the Commission will issue an order and a bill for the final charge and costs each year until prospective final charges are established. After the Commission issues an order establishing a prospective final charge, a bill will be issued annually for the amount of the final charge and costs.

(5) *Prospective final charges.* When the Commission determines that historical data, including the hydrology, development, and other characteristics of the river basin, demonstrate sufficient stability to project average energy gains and section 10(f) costs, the Commission will issue to the downstream project owner an order establishing the final charge from future years. Copies of the order will be mailed to all parties. The prospective final charge will remain in effect until a new investigation is initiated under §11.15(d)(2).

(6) *Payment under protest.* Any payment of a final charge required by this section may be made under protest if a party is also appealing the final charge pursuant to §385.1902, or requesting rehearing. If payment is made under protest, that party will avoid any penalty for failure to pay under §11.21.

(7) *Accounting for payments pending appeal or rehearing.* The Commission will retain any payment received for final charges from bills issued pursuant to this section in a special account. No disbursements to the U.S. Treasury will be made from the account until 31 days after the bill is issued. If an appeal under §385.1902

or a request for rehearing is filed by any party, no disbursements to the U.S. Treasury will be made until final disposition of the appeal or request for rehearing.

(c) *Charges for costs of determinations of headwater benefits charges.* (1) Any owner of a downstream project that benefits from a Federal headwater project must pay to the United States the cost of making any investigation, study, or determination relating to the assessment of the relevant headwater benefits charge under this subpart.

(2) If any owner of a headwater or downstream project requests that the Commission determine headwater benefits charges for benefits provided by non-Federal headwater projects, the headwater project owners must pay a pro rata share of 50 percent of the cost of making the investigation and determination, in proportion to the benefits provided by their projects, and the downstream project owners must pay a pro rata share of the remaining 50 percent in proportion to the energy gains received by their projects.

(3) Any charge assessed under this paragraph is separate from and will be added to, any final or interim charge under this subpart.

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Subpart C—General Procedures

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§11.20 Time for payment.

Annual charges must be paid no later than 45 days after rendition of a bill by the Commission. If the licensee or exemptee believes that the bill is incorrect, no later than 45 days after its rendition the licensee or exemptee may file an appeal of the bill with the Chief Financial Officer. No later than 30 days after the date of issuance of the Chief Financial Officer's decision on the appeal, the licensee or exemptee may file a request for rehearing of that decision pursuant to §385.713 of this chapter. In the event that a timely appeal to the Chief Financial Officer or a timely request to the Commission for rehearing is filed, the payment of the bill may be made under protest, and subject to refund pending the outcome of the appeal or rehearing.

[60 FR 15048, Mar. 22, 1995]

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§11.21 Penalties.

If any person fails to pay annual charges within the periods specified in §11.20, a penalty of 5 percent of the total delinquent amount will be assessed and added to

the total charges for the first month or part of month in which payment is delinquent. An additional penalty of 3 percent for each full month thereafter will be assessed until the charges and penalties are satisfied in accordance with law. The Commission may, by order, waive any penalty imposed by this subsection, for good cause shown.

[51 FR 24318, July 3, 1986]

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Appendix A to Part 11—Fee Schedule for FY 2020

State	County	Fee/acre/yr
Alabama	Autauga	\$65.66
	Baldwin	114.37
	Barbour	64.98
	Bibb	60.27
	Blount	104.38
	Bullock	62.57
	Butler	69.79
	Calhoun	87.54
	Chambers	74.79
	Cherokee	98.24
	Chilton	84.27
	Choctaw	53.81
	Clarke	58.77
	Clay	71.09
	Cleburne	78.88
	Coffee	75.76
	Colbert	81.04
	Conecuh	57.22
	Coosa	59.56
	Covington	64.80
	Crenshaw	58.30
	Cullman	120.01
	Dale	72.13
	Dallas	52.73
	DeKalb	108.91
	Elmore	91.24
	Escambia	65.27
	Etowah	102.26
	Fayette	61.03
	Franklin	60.45
	Geneva	62.11
Greene	58.33	
Hale	60.09	
Henry	64.23	
Houston	74.82	
Jackson	75.07	

	Jefferson	129.53
	Lamar	42.46
	Lauderdale	85.35
	Lawrence	87.90
	Lee	108.48
	Limestone	116.88
	Lowndes	49.61
	Macon	70.62
	Madison	106.75
	Marengo	51.22
	Marion	63.83
	Marshall	108.95
	Mobile	116.74
	Monroe	56.54
	Montgomery	75.40
	Morgan	107.26
	Perry	50.43
	Pickens	59.41
	Pike	65.45
	Randolph	80.75
	Russell	64.98
	Shelby	120.66
	St. Clair	110.31
	Sumter	40.88
	Talladega	83.59
	Tallapoosa	69.36
	Tuscaloosa	85.20
	Walker	74.07
	Washington	48.53
	Wilcox	48.35
	Winston	74.75
Alaska	Aleutian Islands	1.08
	Statewide	38.87
Arizona	Apache	3.24
	Cochise	23.60
	Coconino	3.52
	Gila	5.52
	Graham	9.73
	Greenlee	26.29
	La Paz	21.64
	Maricopa	95.37
	Mohave	8.13
	Navajo	4.36
	Pima	8.78
	Pinal	40.06
	Santa Cruz	25.73
	Yavapai	26.55
	Yuma	121.60
Arkansas	Arkansas	60.66

Ashley	66.44
Baxter	61.01
Benton	101.43
Boone	58.83
Bradley	79.87
Calhoun	56.23
Carroll	58.15
Chicot	60.95
Clark	42.25
Clay	73.13
Cleburne	62.61
Cleveland	89.08
Columbia	49.34
Conway	59.18
Craighead	73.36
Crawford	68.64
Crittenden	63.52
Cross	58.15
Dallas	36.59
Desha	63.78
Drew	57.63
Faulkner	74.99
Franklin	52.09
Fulton	36.62
Garland	84.33
Grant	51.52
Greene	78.16
Hempstead	46.83
Hot Spring	58.72
Howard	53.92
Independence	47.88
Izard	40.39
Jackson	57.55
Jefferson	66.32
Johnson	55.00
Lafayette	46.26
Lawrence	61.12
Lee	63.95
Lincoln	63.92
Little River	38.45
Logan	51.37
Lonoke	63.61
Madison	62.15
Marion	46.06
Miller	45.43
Mississippi	65.15
Monroe	54.97
Montgomery	57.32
Nevada	43.40

	Newton	50.46
	Ouachita	50.94
	Perry	55.75
	Phillips	59.69
	Pike	48.77
	Poinsett	70.18
	Polk	60.64
	Pope	62.78
	Prairie	57.20
	Pulaski	78.62
	Randolph	46.08
	Saline	80.48
	Scott	50.26
	Searcy	38.14
	Sebastian	60.89
	Sevier	53.40
	Sharp	41.57
	St. Francis	54.12
	Stone	44.63
	Union	57.95
	Van Buren	56.75
	Washington	94.03
	White	58.81
	Woodruff	57.06
	Yell	51.94
California	Alameda	47.60
	Alpine	37.00
	Amador	33.94
	Butte	65.56
	Calaveras	28.15
	Colusa	46.86
	Contra Costa	72.69
	Del Norte	75.20
	El Dorado	70.98
	Fresno	71.49
	Glenn	39.62
	Humboldt	22.29
	Imperial	60.42
	Inyo	6.72
	Kern	38.26
	Kings	52.04
	Lake	52.53
	Lassen	16.63
	Los Angeles	107.49
	Madera	65.69
	Marin	53.74
	Mariposa	18.15
	Mendocino	34.62
	Merced	66.76

	Modoc	14.85
	Mono	24.31
	Monterey	42.21
	Napa	188.10
	Nevada	93.47
	Orange	188.55
	Placer	92.00
	Plumas	15.33
	Riverside	88.11
	Sacramento	61.56
	San Benito	24.54
	San Bernardino	116.09
	San Diego	154.99
	San Francisco	1,088.06
	San Joaquin	87.05
	San Luis Obispo	36.34
	San Mateo	97.48
	Santa Barbara	63.54
	Santa Clara	57.91
	Santa Cruz	106.90
	Shasta	24.17
	Sierra	12.97
	Siskiyou	17.59
	Solano	47.95
	Sonoma	126.14
	Stanislaus	83.14
	Sutter	57.10
	Tehama	25.69
	Trinity	9.84
	Tulare	65.01
	Tuolumne	39.96
	Ventura	134.78
	Yolo	48.68
	Yuba	49.98
Colorado	Adams	27.32
	Alamosa	27.72
	Arapahoe	32.05
	Archuleta	40.85
	Baca	10.58
	Bent	8.84
	Boulder	108.70
	Broomfield	37.28
	Chaffee	57.51
	Cheyenne	14.79
	Clear Creek	52.19
	Conejos	28.86
	Costilla	20.90
	Crowley	6.51
	Custer	28.96

Delta	63.12
Denver	1,031.44
Dolores	27.44
Douglas	95.53
Eagle	74.92
El Paso	22.97
Elbert	21.33
Fremont	44.48
Garfield	52.83
Gilpin	53.88
Grand	43.49
Gunnison	53.59
Hinsdale	100.67
Huerfano	16.43
Jackson	19.83
Jefferson	104.47
Kiowa	12.98
Kit Carson	21.54
La Plata	35.33
Lake	55.47
Larimer	58.63
Las Animas	7.70
Lincoln	9.08
Logan	16.52
Mesa	64.05
Mineral	82.60
Moffat	13.88
Montezuma	21.07
Montrose	54.61
Morgan	27.13
Otero	12.41
Ouray	54.02
Park	25.32
Phillips	34.43
Pitkin	106.47
Prowers	13.08
Pueblo	13.96
Rio Blanco	25.27
Rio Grande	44.96
Routt	42.18
Saguache	28.27
San Juan	24.35
San Miguel	27.72
Sedgwick	24.18
Summit	63.22
Teller	38.16
Washington	18.59
Weld	37.64
Yuma	26.06

Connecticut	Fairfield	333.62
	Hartford	347.35
	Litchfield	313.12
	Middlesex	386.60
	New Haven	345.05
	New London	283.80
	Tolland	272.67
	Windham	209.52
Delaware	Kent	228.60
	New Castle	283.94
	Sussex	224.42
Florida	Alachua	109.21
	Baker	131.53
	Bay	105.36
	Bradford	84.84
	Brevard	109.85
	Broward	464.98
	Calhoun	43.09
	Charlotte	102.82
	Citrus	134.35
	Clay	71.42
	Collier	90.95
	Columbia	92.04
	Dade	515.83
	DeSoto	95.29
	Dixie	79.99
	Duval	140.71
	Escambia	99.02
	Flagler	86.01
	Franklin	39.41
	Gadsden	89.89
	Gilchrist	67.62
	Glades	62.01
	Gulf	84.89
	Hamilton	58.56
	Hardee	83.70
	Hendry	82.33
	Hernando	170.31
	Highlands	59.60
	Hillsborough	183.68
	Holmes	57.27
	Indian River	78.24
	Jackson	68.33
	Jefferson	85.47
	Lafayette	83.67
	Lake	152.96
	Lee	192.45
	Leon	111.62
	Levy	121.18

	Liberty	54.89
	Madison	68.33
	Manatee	113.42
	Marion	189.76
	Martin	133.54
	Monroe	385.06
	Nassau	97.11
	Okaloosa	73.60
	Okeechobee	93.18
	Orange	169.73
	Osceola	80.10
	Palm Beach	143.86
	Pasco	137.21
	Pinellas	611.60
	Polk	111.19
	Putnam	112.18
	Santa Rosa	159.73
	Sarasota	133.03
	Seminole	96.53
	St. Johns	71.80
	St. Lucie	97.67
	Sumter	108.55
	Suwannee	81.44
	Taylor	77.20
	Union	72.51
	Volusia	124.53
	Wakulla	71.07
	Walton	58.36
	Washington	58.31
Georgia	Appling	64.39
	Atkinson	73.39
	Bacon	79.65
	Baker	75.49
	Baldwin	67.31
	Banks	151.08
	Barrow	151.05
	Bartow	121.83
	Ben Hill	69.75
	Berrien	72.95
	Bibb	89.86
	Bleckley	64.01
	Brantley	79.55
	Brooks	90.82
	Bryan	80.65
	Bulloch	66.59
	Burke	61.95
	Butts	95.81
	Calhoun	60.26
	Camden	59.95

Candler	65.52
Carroll	121.97
Catoosa	155.90
Charlton	56.10
Chatham	141.97
Chattahoochee	57.20
Chattooga	84.67
Cherokee	260.88
Clarke	155.31
Clay	45.48
Clayton	153.25
Clinch	74.53
Cobb	336.47
Coffee	72.40
Colquitt	80.78
Columbia	135.03
Cook	75.66
Coweta	135.92
Crawford	84.81
Crisp	57.48
Dade	86.97
Dawson	214.03
Decatur	78.58
DeKalb	76.45
Dodge	60.57
Dooly	64.49
Dougherty	90.13
Douglas	181.27
Early	59.06
Echols	72.57
Effingham	76.42
Elbert	97.28
Emanuel	58.65
Evans	71.16
Fannin	178.89
Fayette	168.03
Floyd	107.18
Forsyth	302.37
Franklin	148.85
Fulton	186.46
Gilmer	168.89
Glascocock	50.81
Glynn	107.87
Gordon	131.94
Grady	84.63
Greene	88.72
Gwinnett	284.22
Habersham	158.03
Hall	225.85

Hancock	94.16
Haralson	115.85
Harris	132.07
Hart	142.49
Heard	95.50
Henry	157.72
Houston	85.18
Irwin	69.92
Jackson	152.32
Jasper	95.22
Jeff Davis	91.34
Jefferson	54.93
Jenkins	51.67
Johnson	49.40
Jones	87.35
Lamar	105.53
Lanier	93.71
Laurens	56.41
Lee	79.13
Liberty	58.10
Lincoln	76.25
Long	67.72
Lowndes	97.28
Lumpkin	247.34
Macon	61.77
Madison	78.82
Marion	70.99
McDuffie	70.47
McIntosh	154.45
Meriwether	87.21
Miller	67.79
Mitchell	78.65
Monroe	93.78
Montgomery	47.51
Morgan	120.21
Murray	117.91
Muscogee	141.29
Newton	116.16
Oconee	198.63
Oglethorpe	89.07
Paulding	179.96
Peach	109.97
Pickens	184.67
Pierce	65.49
Pike	100.38
Polk	99.18
Pulaski	71.98
Putnam	104.57
Quitman	58.65

	Rabun	194.64
	Randolph	53.21
	Richmond	72.88
	Rockdale	192.03
	Schley	62.50
	Screven	58.68
	Seminole	74.32
	Spalding	143.80
	Stephens	145.00
	Stewart	53.97
	Sumter	62.26
	Talbot	57.31
	Taliaferro	60.57
	Tattnall	76.38
	Taylor	55.69
	Telfair	52.32
	Terrell	65.01
	Thomas	91.96
	Tift	87.35
	Toombs	65.21
	Towns	162.60
	Treutlen	49.33
	Troup	109.49
	Turner	65.56
	Twiggs	68.79
	Union	165.42
	Upton	86.90
	Walker	107.46
	Walton	147.61
	Ware	67.86
	Warren	55.52
	Washington	56.86
	Wayne	75.52
	Webster	48.75
	Wheeler	41.05
	White	188.83
	Whitfield	133.28
	Wilcox	67.07
	Wilkes	76.38
	Wilkinson	58.68
	Worth	71.06
Hawaii	Hawaii	176.86
	Honolulu	446.78
	Kauai	168.34
	Maui	217.87
Idaho	Ada	65.60
	Adams	18.91
	Bannock	22.47
	Bear Lake	17.67

	Benewah	19.73
	Bingham	27.78
	Blaine	35.52
	Boise	17.64
	Bonner	54.28
	Bonneville	28.81
	Boundary	42.51
	Butte	19.14
	Camas	18.44
	Canyon	66.29
	Caribou	17.42
	Cassia	29.12
	Clark	18.10
	Clearwater	23.40
	Custer	28.62
	Elmore	25.44
	Franklin	24.95
	Fremont	27.75
	Gem	34.32
	Gooding	47.61
	Idaho	17.34
	Jefferson	32.57
	Jerome	47.73
	Kootenai	51.45
	Latah	22.41
	Lemhi	27.63
	Lewis	17.43
	Lincoln	32.63
	Madison	41.19
	Minidoka	43.10
	Nez Perce	20.91
	Oneida	14.76
	Owyhee	15.26
	Payette	37.56
	Power	18.80
	Shoshone	74.33
	Teton	40.93
	Twin Falls	38.41
	Valley	30.73
	Washington	12.42
Illinois	Adams	143.74
	Alexander	96.20
	Bond	188.26
	Boone	199.28
	Brown	116.02
	Bureau	213.35
	Calhoun	110.60
	Carroll	198.95
	Cass	162.72

Champaign	231.65
Christian	220.44
Clark	142.94
Clay	138.61
Clinton	170.14
Coles	205.13
Cook	304.68
Crawford	145.41
Cumberland	158.29
De Witt	209.13
DeKalb	228.48
Douglas	221.39
DuPage	202.15
Edgar	191.09
Edwards	117.08
Effingham	168.65
Fayette	129.66
Ford	220.59
Franklin	107.91
Fulton	152.72
Gallatin	127.84
Greene	164.03
Grundy	221.64
Hamilton	105.33
Hancock	166.61
Hardin	102.89
Henderson	180.11
Henry	198.77
Iroquois	197.89
Jackson	114.57
Jasper	147.41
Jefferson	104.86
Jersey	171.56
Jo Daviess	141.26
Johnson	87.94
Kane	258.20
Kankakee	192.40
Kendall	252.63
Knox	199.82
La Salle	229.57
Lake	302.50
Lawrence	142.50
Lee	220.19
Livingston	209.13
Logan	208.99
Macon	227.90
Macoupin	180.91
Madison	185.67
Marion	122.24

	Marshall	201.46
	Mason	170.11
	Massac	104.09
	McDonough	204.48
	McHenry	234.81
	McLean	238.01
	Menard	184.00
	Mercer	176.69
	Monroe	150.68
	Montgomery	173.31
	Morgan	194.44
	Moultrie	223.68
	Ogle	201.71
	Peoria	201.35
	Perry	118.46
	Piatt	251.80
	Pike	143.05
	Pope	75.80
	Pulaski	117.04
	Putnam	183.13
	Randolph	129.73
	Richland	127.88
	Rock Island	181.42
	Saline	122.72
	Sangamon	214.37
	Schuyler	127.37
	Scott	169.38
	Shelby	175.67
	St. Clair	183.71
	Stark	216.41
	Stephenson	197.89
	Tazewell	216.44
	Union	103.15
	Vermilion	204.91
	Wabash	154.54
	Warren	201.39
	Washington	150.72
	Wayne	130.06
	White	130.43
	Whiteside	199.06
	Will	227.90
	Williamson	128.24
	Winnebago	184.15
	Woodford	225.50
Indiana	Adams	168.47
	Allen	179.52
	Bartholomew	170.91
	Benton	187.77
	Blackford	122.93

Boone	179.45
Brown	116.38
Carroll	198.49
Cass	157.38
Clark	122.93
Clay	126.71
Clinton	194.02
Crawford	74.48
Daviess	188.39
Dearborn	118.38
Decatur	154.73
DeKalb	128.78
Delaware	154.11
Dubois	130.05
Elkhart	234.59
Fayette	135.14
Floyd	155.02
Fountain	139.50
Franklin	133.10
Fulton	146.08
Gibson	154.95
Grant	162.22
Greene	114.64
Hamilton	186.90
Hancock	166.25
Harrison	107.04
Hendricks	169.63
Henry	144.01
Howard	184.72
Huntington	158.55
Jackson	133.25
Jasper	178.32
Jay	190.90
Jefferson	102.94
Jennings	113.29
Johnson	177.12
Knox	164.18
Kosciusko	170.58
LaGrange	216.56
Lake	164.94
LaPorte	176.90
Lawrence	92.25
Madison	175.27
Marion	186.75
Marshall	151.28
Martin	117.40
Miami	147.39
Monroe	140.48
Montgomery	162.40

	Morgan	143.14
	Newton	164.98
	Noble	140.56
	Ohio	103.52
	Orange	101.41
	Owen	98.76
	Parke	121.22
	Perry	87.20
	Pike	124.20
	Porter	174.25
	Posey	139.50
	Pulaski	149.82
	Putnam	122.05
	Randolph	147.93
	Ripley	118.60
	Rush	177.05
	Scott	104.43
	Shelby	178.10
	Spencer	112.53
	St. Joseph	178.54
	Starke	127.43
	Steuben	130.45
	Sullivan	121.47
	Switzerland	102.57
	Tippecanoe	195.73
	Tipton	212.38
	Union	144.08
	Vanderburgh	123.04
	Vermillion	138.16
	Vigo	112.71
	Wabash	150.26
	Warren	171.27
	Warrick	141.21
	Washington	96.57
	Wayne	150.55
	Wells	184.06
	White	198.82
	Whitley	149.39
Iowa	Adair	136.33
	Adams	125.07
	Allamakee	123.98
	Appanoose	86.50
	Audubon	194.13
	Benton	210.34
	Black Hawk	232.19
	Boone	219.88
	Bremer	224.72
	Buchanan	213.65
	Buena Vista	212.74

	Butler	198.97
	Calhoun	223.92
	Carroll	219.22
	Cass	159.20
	Cedar	208.95
	Cerro Gordo	193.22
	Cherokee	216.27
	Chickasaw	208.55
	Clarke	98.41
	Clay	215.18
	Clayton	139.46
	Clinton	206.95
	Crawford	201.56
	Dallas	196.02
	Davis	85.74
	Decatur	87.05
	Delaware	209.97
	Des Moines	162.40
	Dickinson	205.75
	Dubuque	177.52
	Emmet	212.12
	Fayette	200.43
	Floyd	186.52
	Franklin	193.65
	Fremont	178.94
	Greene	202.87
	Grundy	234.01
	Guthrie	168.92
	Hamilton	236.63
	Hancock	202.72
	Hardin	215.18
	Harrison	169.69
	Henry	143.61
	Howard	192.09
	Humboldt	222.25
	Ida	197.73
	Iowa	176.35
	Jackson	155.34
	Jasper	181.16
	Jefferson	133.78
	Johnson	200.10
	Jones	195.18
	Keokuk	145.21
	Kossuth	221.66
	Lee	124.34
	Linn	195.88
	Louisa	167.32
	Lucas	83.73
	Lyon	240.24

	Madison	142.85
	Mahaska	163.83
	Marion	130.03
	Marshall	192.96
	Mills	184.04
	Mitchell	214.82
	Monona	160.00
	Monroe	92.40
	Montgomery	163.46
	Muscatine	183.24
	O'Brien	248.76
	Osceola	205.09
	Page	146.60
	Palo Alto	219.19
	Plymouth	214.23
	Pocahontas	222.46
	Polk	205.49
	Pottawattamie	204.91
	Poweshiek	177.16
	Ringgold	99.65
	Sac	216.20
	Scott	236.52
	Shelby	197.33
	Sioux	265.30
	Story	228.36
	Tama	189.47
	Taylor	111.52
	Union	100.27
	Van Buren	101.25
	Wapello	120.19
	Warren	149.00
	Washington	177.96
	Wayne	94.19
	Webster	214.23
	Winnebago	196.60
	Winneshiek	173.62
	Woodbury	174.06
	Worth	179.05
	Wright	210.04
Kansas	Allen	40.00
	Anderson	44.61
	Atchison	61.69
	Barber	34.80
	Barton	44.90
	Bourbon	41.46
	Brown	93.71
	Butler	50.42
	Chase	38.85
	Chautauqua	33.09

Cherokee	53.35
Cheyenne	45.37
Clark	26.07
Clay	60.48
Cloud	57.04
Coffey	43.72
Comanche	26.39
Cowley	41.03
Crawford	47.98
Decatur	43.68
Dickinson	57.79
Doniphan	103.09
Douglas	81.75
Edwards	61.12
Elk	36.34
Ellis	38.17
Ellsworth	37.99
Finney	41.21
Ford	34.88
Franklin	66.49
Geary	55.54
Gove	36.84
Graham	37.78
Grant	38.17
Gray	38.24
Greeley	42.61
Greenwood	40.35
Hamilton	28.97
Harper	43.47
Harvey	73.62
Haskell	39.46
Hodgeman	30.79
Jackson	50.42
Jefferson	64.09
Jewell	55.29
Johnson	124.32
Kearny	37.17
Kingman	40.93
Kiowa	35.31
Labette	42.57
Lane	36.84
Leavenworth	92.67
Lincoln	42.79
Linn	50.42
Logan	33.80
Lyon	44.69
Marion	60.41
Marshall	77.13
McPherson	64.67

	Meade	34.95
	Miami	89.70
	Mitchell	64.17
	Montgomery	44.33
	Morris	42.07
	Morton	24.24
	Nemaha	80.85
	Neosho	42.90
	Ness	29.83
	Norton	37.95
	Osage	46.58
	Osborne	39.24
	Ottawa	53.92
	Pawnee	52.21
	Phillips	35.84
	Pottawatomie	54.64
	Pratt	45.83
	Rawlins	49.95
	Reno	51.45
	Republic	75.95
	Rice	45.76
	Riley	52.38
	Rooks	37.60
	Rush	37.17
	Russell	32.73
	Saline	56.61
	Scott	43.47
	Sedgwick	68.07
	Seward	32.98
	Shawnee	71.29
	Sheridan	54.96
	Sherman	48.91
	Smith	46.48
	Stafford	50.63
	Stanton	31.72
	Stevens	39.28
	Sumner	51.35
	Thomas	61.09
	Trego	37.60
	Wabaunsee	42.11
	Wallace	36.13
	Washington	66.85
	Wichita	38.89
	Wilson	41.18
	Woodson	39.42
	Wyandotte	137.75
Kentucky	Adair	74.21
	Allen	85.66
	Anderson	90.33

Ballard	98.63
Barren	85.37
Bath	56.56
Bell	56.38
Boone	178.85
Bourbon	123.38
Boyd	67.61
Boyle	98.70
Bracken	60.73
Breathitt	41.45
Breckinridge	69.53
Bullitt	105.66
Butler	58.63
Caldwell	79.28
Calloway	86.02
Campbell	127.33
Carlisle	82.00
Carroll	76.45
Carter	50.94
Casey	58.88
Christian	100.11
Clark	95.15
Clay	46.16
Clinton	75.18
Crittenden	62.39
Cumberland	49.50
Daviess	112.58
Edmonson	68.95
Elliott	39.35
Estill	53.55
Fayette	264.14
Fleming	60.76
Floyd	42.68
Franklin	106.78
Fulton	101.16
Gallatin	87.72
Garrard	71.63
Grant	88.70
Graves	93.99
Grayson	65.80
Green	65.66
Greenup	51.31
Hancock	81.53
Hardin	101.60
Harlan	38.34
Harrison	79.13
Hart	64.31
Henderson	105.84
Henry	96.89

Hickman	100.87
Hopkins	84.13
Jackson	52.68
Jefferson	250.23
Jessamine	158.63
Johnson	50.73
Kenton	126.38
Knott	39.20
Knox	50.69
Larue	99.21
Laurel	99.97
Lawrence	41.05
Lee	55.15
Leslie	125.98
Letcher	67.03
Lewis	42.57
Lincoln	72.14
Livingston	61.67
Logan	97.07
Lyon	58.70
Madison	87.47
Magoffin	42.97
Marion	78.05
Marshall	88.63
Martin	145.91
Mason	74.71
McCracken	89.21
McCreary	51.89
McLean	108.99
Meade	94.03
Menifee	51.81
Mercer	97.94
Metcalfe	65.40
Monroe	68.37
Montgomery	79.50
Morgan	36.99
Muhlenberg	67.36
Nelson	97.47
Nicholas	62.58
Ohio	70.95
Oldham	181.10
Owen	66.85
Owsley	39.10
Pendleton	68.63
Perry	34.97
Pike	38.66
Powell	46.09
Pulaski	83.95
Robertson	52.39

	Rockcastle	58.92
	Rowan	61.81
	Russell	89.28
	Scott	132.54
	Shelby	141.49
	Simpson	120.66
	Spencer	90.84
	Taylor	80.66
	Todd	106.96
	Trigg	85.80
	Trimble	91.49
	Union	118.96
	Warren	104.53
	Washington	74.21
	Wayne	65.91
	Webster	92.58
	Whitley	62.83
	Wolfe	43.12
	Woodford	236.39
Louisiana	Acadia	60.98
	Allen	57.75
	Ascension	96.70
	Assumption	83.75
	Avoyelles	62.35
	Beauregard	68.64
	Bienville	65.37
	Bossier	92.41
	Caddo	74.82
	Calcasieu	70.53
	Caldwell	68.05
	Cameron	48.33
	Catahoula	66.71
	Claiborne	69.19
	Concordia	63.41
	De Soto	74.44
	East Baton Rouge	157.92
	East Carroll	75.27
	East Feliciana	81.93
	Evangeline	58.30
	Franklin	62.66
	Grant	58.64
	Iberia	86.16
	Iberville	49.54
	Jackson	77.77
	Jefferson	104.54
	Jefferson Davis	62.45
	La Salle	70.49
	Lafayette	131.09
	Lafourche	59.02

	Lincoln	91.45
	Livingston	157.95
	Madison	67.81
	Morehouse	65.06
	Natchitoches	66.71
	Orleans	425.66
	Ouachita	80.14
	Plaquemines	34.70
	Pointe Coupee	75.40
	Rapides	69.87
	Red River	53.69
	Richland	63.11
	Sabine	87.39
	St. Bernard	45.69
	St. Charles	59.53
	St. Helena	91.96
	St. James	96.74
	St. John the Baptist	79.97
	St. Landry	66.09
	St. Martin	67.95
	St. Mary	68.91
	St. Tammany	201.03
	Tangipahoa	113.16
	Tensas	60.39
	Terrebonne	61.63
	Union	79.94
	Vermilion	71.42
	Vernon	86.84
	Washington	97.42
	Webster	95.71
	West Baton Rouge	103.06
	West Carroll	58.67
	West Feliciana	72.52
	Winn	66.44
Maine	Androscoggin	70.37
	Aroostook	39.18
	Cumberland	134.70
	Franklin	59.63
	Hancock	92.46
	Kennebec	78.67
	Knox	104.23
	Lincoln	95.76
	Oxford	69.79
	Penobscot	55.31
	Piscataquis	47.07
	Sagadahoc	103.72
	Somerset	58.15
	Waldo	51.19
	Washington	42.92

	York	133.64
Maryland	Allegany	99.84
	Anne Arundel	330.99
	Baltimore	269.85
	Calvert	215.43
	Caroline	174.62
	Carroll	232.79
	Cecil	207.39
	Charles	184.45
	Dorchester	148.97
	Frederick	217.11
	Garrett	120.27
	Harford	236.22
	Howard	313.33
	Kent	194.74
	Montgomery	290.75
	Prince George's	225.51
	Queen Anne's	212.78
	Somerset	156.40
	St. Mary's	188.74
	Talbot	189.02
	Washington	170.98
	Wicomico	179.63
	Worcester	170.69
Massachusetts	Barnstable	893.31
	Berkshire	175.96
	Bristol	365.36
	Dukes	245.51
	Essex	521.62
	Franklin	152.38
	Hampden	183.95
	Hampshire	202.20
	Middlesex	479.38
	Nantucket	667.87
	Norfolk	608.21
	Plymouth	288.35
	Suffolk	5,135.53
	Worcester	233.93
Michigan	Alcona	68.83
	Alger	58.45
	Allegan	135.26
	Alpena	68.69
	Antrim	101.20
	Arenac	78.57
	Baraga	52.17
	Barry	112.39
	Bay	113.44
	Benzie	117.72
	Berrien	157.88

	Branch	100.35
	Calhoun	103.81
	Cass	111.82
	Charlevoix	104.02
	Cheboygan	70.10
	Chippewa	45.82
	Clare	80.05
	Clinton	122.69
	Crawford	93.40
	Delta	55.10
	Dickinson	62.44
	Eaton	105.11
	Emmet	89.27
	Genesee	109.21
	Gladwin	79.63
	Gogebic	74.09
	Grand Traverse	150.58
	Gratiot	127.35
	Hillsdale	97.24
	Houghton	50.05
	Huron	146.91
	Ingham	115.17
	Ionia	117.75
	Iosco	75.47
	Iron	56.16
	Isabella	107.48
	Jackson	107.94
	Kalamazoo	131.38
	Kalkaska	85.95
	Kent	165.40
	Keweenaw	71.05
	Lake	73.35
	Lapeer	129.12
	Leelanau	190.07
	Lenawee	114.57
	Livingston	136.92
	Luce	64.81
	Mackinac	58.66
	Macomb	155.94
	Manistee	81.18
	Marquette	57.53
	Mason	80.62
	Mecosta	84.36
	Menominee	56.65
	Midland	101.66
	Missaukee	85.42
	Monroe	128.55
	Montcalm	94.21
	Montmorency	64.17

	Muskegon	144.86
	Newaygo	100.46
	Oakland	242.07
	Oceana	90.96
	Ogemaw	74.83
	Ontonagon	47.83
	Osceola	71.62
	Oscoda	74.23
	Otsego	71.34
	Ottawa	182.34
	Presque Isle	60.57
	Roscommon	74.16
	Saginaw	107.76
	Sanilac	123.86
	Schoolcraft	45.85
	Shiawassee	101.02
	St. Clair	105.50
	St. Joseph	134.23
	Tuscola	128.27
	Van Buren	125.52
	Washtenaw	143.87
	Wayne	210.16
	Wexford	80.41
Minnesota	Aitkin	51.21
	Anoka	175.28
	Becker	78.92
	Beltrami	49.36
	Benton	99.81
	Big Stone	113.35
	Blue Earth	186.32
	Brown	160.32
	Carlton	54.41
	Carver	168.31
	Cass	55.50
	Chippewa	150.15
	Chisago	126.50
	Clay	102.24
	Clearwater	48.78
	Cook	137.83
	Cottonwood	159.63
	Crow Wing	75.18
	Dakota	164.89
	Dodge	178.62
	Douglas	89.42
	Faribault	163.40
	Fillmore	133.29
	Freeborn	158.46
	Goodhue	157.41
	Grant	105.07

Hennepin	239.28
Houston	100.32
Hubbard	65.48
Isanti	108.20
Itasca	54.73
Jackson	177.53
Kanabec	66.68
Kandiyohi	139.65
Kittson	50.96
Koochiching	34.18
Lac qui Parle	127.45
Lake	95.45
Lake of the Woods	43.29
Le Sueur	161.19
Lincoln	112.66
Lyon	151.02
Mahnomen	59.13
Marshall	61.27
Martin	178.22
McLeod	156.47
Meeker	120.87
Mille Lacs	79.98
Morrison	80.59
Mower	173.97
Murray	163.98
Nicollet	188.54
Nobles	171.94
Norman	86.95
Olmsted	159.01
Otter Tail	72.79
Pennington	52.77
Pine	58.62
Pipestone	152.54
Polk	84.33
Pope	106.53
Ramsey	266.59
Red Lake	50.85
Redwood	183.78
Renville	175.93
Rice	166.53
Rock	204.26
Roseau	34.50
Scott	180.95
Sherburne	124.98
Sibley	174.15
St. Louis	54.63
Stearns	113.35
Steele	174.30
Stevens	129.81

	Swift	148.66
	Todd	68.68
	Traverse	129.23
	Wabasha	136.49
	Wadena	51.83
	Waseca	170.89
	Washington	239.35
	Watonwan	177.57
	Wilkin	113.39
	Winona	136.16
	Wright	155.78
	Yellow Medicine	133.00
Mississippi	Adams	61.02
	Alcorn	52.48
	Amite	94.63
	Attala	50.65
	Benton	44.89
	Bolivar	68.02
	Calhoun	51.85
	Carroll	52.83
	Chickasaw	51.95
	Choctaw	55.47
	Claiborne	56.56
	Clarke	66.30
	Clay	46.08
	Coahoma	70.94
	Copiah	64.29
	Covington	82.71
	DeSoto	74.28
	Forrest	96.07
	Franklin	72.06
	George	94.52
	Greene	61.16
	Grenada	51.39
	Hancock	111.47
	Harrison	174.32
	Hinds	64.47
	Holmes	58.99
	Humphreys	62.11
	Issaquena	53.92
	Itawamba	56.45
	Jackson	106.23
	Jasper	56.17
	Jefferson	59.58
	Jefferson Davis	55.82
	Jones	89.67
	Kemper	48.86
	Lafayette	63.06
	Lamar	101.31

	Lauderdale	67.14
	Lawrence	75.61
	Leake	75.30
	Lee	53.78
	Leflore	56.74
	Lincoln	84.29
	Lowndes	59.69
	Madison	73.64
	Marion	83.42
	Marshall	55.47
	Monroe	49.18
	Montgomery	50.02
	Neshoba	86.65
	Newton	58.56
	Noxubee	60.78
	Oktibbeha	61.94
	Panola	54.10
	Pearl River	89.99
	Perry	80.50
	Pike	99.90
	Pontotoc	51.15
	Prentiss	44.12
	Quitman	56.63
	Rankin	84.08
	Scott	71.08
	Sharkey	64.47
	Simpson	77.02
	Smith	83.13
	Stone	102.78
	Sunflower	54.87
	Tallahatchie	63.24
	Tate	56.45
	Tippah	45.77
	Tishomingo	52.10
	Tunica	75.96
	Union	58.28
	Walthall	84.15
	Warren	52.80
	Washington	59.79
	Wayne	81.94
	Webster	50.79
	Wilkinson	63.20
	Winston	61.09
	Yalobusha	51.18
	Yazoo	59.06
Missouri	Adair	70.17
	Andrew	101.78
	Atchison	139.12
	Audrain	109.36

Barry	72.60
Barton	60.23
Bates	64.87
Benton	59.80
Bollinger	57.61
Boone	104.25
Buchanan	98.74
Butler	91.09
Caldwell	65.09
Callaway	93.49
Camden	62.26
Cape Girardeau	89.62
Carroll	89.66
Carter	47.57
Cass	94.92
Cedar	52.14
Chariton	85.05
Christian	89.37
Clark	75.93
Clay	122.53
Clinton	98.06
Cole	83.33
Cooper	81.29
Crawford	59.51
Dade	62.73
Dallas	66.56
Daviess	79.65
DeKalb	80.61
Dent	45.85
Douglas	46.46
Dunklin	107.86
Franklin	106.50
Gasconade	70.13
Gentry	75.43
Greene	105.36
Grundy	65.88
Harrison	71.35
Henry	60.76
Hickory	55.54
Holt	108.69
Howard	72.60
Howell	53.86
Iron	46.06
Jackson	115.52
Jasper	66.88
Jefferson	97.49
Johnson	75.68
Knox	85.30
Laclede	62.94

Lafayette	120.88
Lawrence	73.32
Lewis	82.79
Lincoln	111.58
Linn	69.13
Livingston	83.44
Macon	70.88
Madison	52.64
Maries	55.83
Marion	101.89
McDonald	66.20
Mercer	63.48
Miller	63.55
Mississippi	118.81
Moniteau	77.18
Monroe	89.41
Montgomery	98.78
Morgan	75.71
New Madrid	126.89
Newton	73.74
Nodaway	93.02
Oregon	44.53
Osage	58.58
Ozark	46.46
Pemiscot	103.50
Perry	76.46
Pettis	78.29
Phelps	65.84
Pike	99.03
Platte	111.22
Polk	59.12
Pulaski	55.72
Putnam	59.01
Ralls	91.84
Randolph	75.25
Ray	78.11
Reynolds	41.84
Ripley	51.32
Saline	115.09
Schuyler	63.69
Scotland	84.01
Scott	116.66
Shannon	47.78
Shelby	101.64
St. Louis	118.09
St. Charles	121.31
St. Clair	47.39
St. Francois	71.88
Ste. Genevieve	65.95

	Stoddard	125.67
	Stone	67.77
	Sullivan	53.14
	Taney	56.11
	Texas	46.96
	Vernon	61.69
	Warren	111.01
	Washington	54.90
	Wayne	43.70
	Webster	74.75
	Worth	64.48
	Wright	51.43
Montana	Beaverhead	25.52
	Big Horn	10.10
	Blaine	13.68
	Broadwater	26.18
	Carbon	26.95
	Carter	12.30
	Cascade	24.15
	Chouteau	18.37
	Custer	9.21
	Daniels	11.82
	Dawson	10.24
	Deer Lodge	36.91
	Fallon	10.04
	Fergus	19.80
	Flathead	114.30
	Gallatin	60.48
	Garfield	11.30
	Glacier	15.62
	Golden Valley	12.90
	Granite	29.21
	Hill	14.82
	Jefferson	25.95
	Judith Basin	20.43
	Lake	36.57
	Lewis and Clark	34.68
	Liberty	13.91
	Lincoln	85.89
	Madison	28.67
	McCone	10.99
	Meagher	22.00
	Mineral	101.80
	Missoula	63.37
	Musselshell	11.30
	Park	58.42
	Petroleum	10.04
	Phillips	13.16
	Pondera	18.57

	Powder River	12.62
	Powell	21.66
	Prairie	12.90
	Ravalli	111.16
	Richland	13.68
	Roosevelt	14.48
	Rosebud	9.44
	Sanders	27.18
	Sheridan	13.56
	Silver Bow	35.91
	Stillwater	31.96
	Sweet Grass	24.61
	Teton	24.06
	Toole	16.42
	Treasure	11.50
	Valley	11.36
	Wheatland	11.73
	Wibaux	10.70
	Yellowstone	17.48
Nebraska	Adams	140.11
	Antelope	112.93
	Arthur	11.22
	Banner	20.44
	Blaine	13.61
	Boone	117.01
	Box Butte	28.34
	Boyd	36.50
	Brown	19.01
	Buffalo	99.22
	Burt	138.48
	Butler	131.35
	Cass	153.78
	Cedar	117.01
	Chase	52.20
	Cherry	14.10
	Cheyenne	23.69
	Clay	136.26
	Colfax	140.47
	Cuming	142.40
	Custer	50.37
	Dakota	127.40
	Dawes	19.74
	Dawson	82.46
	Deuel	26.51
	Dixon	110.11
	Dodge	148.97
	Douglas	165.06
	Dundy	36.07
	Fillmore	146.35

Franklin	78.81
Frontier	38.96
Furnas	62.16
Gage	92.69
Garden	16.23
Garfield	26.32
Gosper	84.02
Grant	14.67
Greeley	85.72
Hall	118.67
Hamilton	171.13
Harlan	81.83
Hayes	34.35
Hitchcock	34.25
Holt	55.55
Hooker	11.75
Howard	78.28
Jefferson	104.27
Johnson	67.56
Kearney	140.24
Keith	49.35
Keya Paha	20.57
Kimball	23.03
Knox	73.64
Lancaster	121.59
Lincoln	38.13
Logan	30.17
Loup	19.68
Madison	127.89
McPherson	11.88
Merrick	101.88
Morrill	24.49
Nance	90.73
Nemaha	107.98
Nuckolls	100.15
Otoe	114.02
Pawnee	68.69
Perkins	60.30
Phelps	119.56
Pierce	114.79
Platte	135.06
Polk	157.76
Red Willow	42.31
Richardson	101.21
Rock	28.61
Saline	127.89
Sarpy	158.19
Saunders	139.84
Scotts Bluff	49.58

	Seward	133.57
	Sheridan	18.38
	Sherman	62.89
	Sioux	15.20
	Stanton	116.15
	Thayer	109.44
	Thomas	13.34
	Thurston	134.03
	Valley	58.64
	Washington	159.92
	Wayne	116.08
	Webster	75.13
	Wheeler	32.52
	York	149.50
Nevada	Carson City	56.13
	Churchill	20.34
	Clark	46.95
	Douglas	24.13
	Elko	4.14
	Esmeralda	14.99
	Eureka	5.41
	Humboldt	8.29
	Lander	6.21
	Lincoln	24.32
	Lyon	18.36
	Mineral	3.59
	Nye	17.90
	Pershing	7.80
	Storey	321.14
	Washoe	6.81
	White Pine	6.84
New Hampshire	Belknap	149.38
	Carroll	129.93
	Cheshire	80.06
	Coos	65.26
	Grafton	81.32
	Hillsborough	177.62
	Merrimack	108.67
	Rockingham	203.12
	Strafford	134.10
	Sullivan	107.68
New Jersey	Atlantic	320.54
	Bergen	1,096.60
	Burlington	252.02
	Camden	327.37
	Cape May	300.09
	Cumberland	209.05
	Essex	1,651.40
	Gloucester	309.84

	Hudson	332.84
	Hunterdon	426.73
	Mercer	528.43
	Middlesex	512.20
	Monmouth	561.50
	Morris	602.25
	Ocean	401.88
	Passaic	811.83
	Salem	205.41
	Somerset	533.30
	Sussex	277.68
	Union	3,280.55
	Warren	266.16
New Mexico	Bernalillo	23.01
	Catron	8.68
	Chaves	7.31
	Cibola	6.34
	Colfax	8.04
	Curry	11.75
	De Baca	5.02
	Dona Ana	36.34
	Eddy	9.08
	Grant	7.61
	Guadalupe	5.40
	Harding	5.73
	Hidalgo	5.02
	Lea	6.88
	Lincoln	7.18
	Los Alamos	309.92
	Luna	8.60
	McKinley	6.39
	Mora	11.27
	Otero	8.53
	Quay	6.80
	Rio Arriba	14.69
	Roosevelt	9.90
	San Juan	7.05
	San Miguel	7.66
	Sandoval	10.61
	Santa Fe	17.18
	Sierra	5.81
	Socorro	10.00
	Taos	23.80
	Torrance	7.38
	Union	7.46
	Valencia	19.13
New York	Albany	87.70
	Allegany	49.53
	Bronx	73.58

Broome	74.22
Cattaraugus	53.52
Cayuga	90.99
Chautauqua	58.44
Chemung	68.13
Chenango	51.93
Clinton	57.31
Columbia	147.80
Cortland	53.95
Delaware	70.54
Dutchess	146.81
Erie	83.73
Essex	59.71
Franklin	47.54
Fulton	60.78
Genesee	74.50
Greene	105.74
Hamilton	51.58
Herkimer	54.55
Jefferson	46.41
Kings	22,428.05
Lewis	47.26
Livingston	82.00
Madison	57.80
Monroe	100.50
Montgomery	65.06
Nassau	518.82
New York	73.58
Niagara	64.88
Oneida	56.35
Onondaga	89.29
Ontario	91.20
Orange	156.71
Orleans	73.51
Oswego	57.24
Otsego	63.53
Putnam	154.73
Queens	145.11
Rensselaer	97.25
Richmond	4,989.67
Rockland	2,451.27
Saratoga	135.59
Schenectady	97.74
Schoharie	64.49
Schuyler	80.87
Seneca	83.34
St. Lawrence	40.12
Steuben	51.90
Suffolk	331.04

	Sullivan	104.22
	Tioga	55.68
	Tompkins	78.04
	Ulster	142.70
	Warren	113.13
	Washington	68.66
	Wayne	70.15
	Westchester	455.71
	Wyoming	74.08
	Yates	111.96
North Carolina	Alamance	133.61
	Alexander	168.58
	Alleghany	136.09
	Anson	105.56
	Ashe	161.17
	Avery	197.45
	Beaufort	86.61
	Bertie	76.58
	Bladen	93.27
	Brunswick	121.92
	Buncombe	243.74
	Burke	150.69
	Cabarrus	207.58
	Caldwell	156.46
	Camden	80.52
	Carteret	93.16
	Caswell	81.54
	Catawba	153.03
	Chatham	140.59
	Cherokee	162.84
	Chowan	89.80
	Clay	141.41
	Cleveland	116.65
	Columbus	85.93
	Craven	87.67
	Cumberland	88.45
	Currituck	115.83
	Dare	109.31
	Davidson	173.92
	Davie	175.06
	Duplin	115.51
	Durham	243.07
	Edgecombe	74.64
	Forsyth	235.45
	Franklin	121.04
	Gaston	171.80
	Gates	98.62
	Graham	170.77
	Granville	116.40

Greene	110.52
Guilford	175.27
Halifax	67.20
Harnett	151.57
Haywood	179.49
Henderson	221.25
Hertford	67.80
Hoke	90.79
Hyde	69.71
Iredell	170.42
Jackson	273.64
Johnston	138.36
Jones	75.59
Lee	118.45
Lenoir	95.64
Lincoln	157.88
Macon	216.25
Madison	153.41
Martin	79.88
McDowell	163.47
Mecklenburg	583.51
Mitchell	149.38
Montgomery	116.15
Moore	150.90
Nash	108.04
New Hanover	403.29
Northampton	74.17
Onslow	108.22
Orange	189.65
Pamlico	81.54
Pasquotank	89.51
Pender	119.83
Perquimans	91.96
Person	107.61
Pitt	90.15
Polk	207.79
Randolph	135.81
Richmond	116.72
Robeson	83.24
Rockingham	114.63
Rowan	160.32
Rutherford	114.34
Sampson	112.64
Scotland	102.02
Stanly	145.69
Stokes	109.03
Surry	130.00
Swain	178.28
Transylvania	250.44

	Tyrrell	72.12
	Union	160.04
	Vance	98.05
	Wake	271.34
	Warren	72.62
	Washington	85.51
	Watauga	211.79
	Wayne	116.86
	Wilkes	137.23
	Wilson	108.18
	Yadkin	149.27
	Yancey	183.70
North Dakota	Adams	23.44
	Barnes	64.98
	Benson	37.58
	Billings	22.90
	Bottineau	39.29
	Bowman	21.88
	Burke	24.39
	Burleigh	40.92
	Cass	83.30
	Cavalier	55.31
	Dickey	65.53
	Divide	18.79
	Dunn	26.53
	Eddy	38.89
	Emmons	34.24
	Foster	54.30
	Golden Valley	24.50
	Grand Forks	61.09
	Grant	26.82
	Griggs	53.03
	Hettinger	32.60
	Kidder	26.89
	LaMoure	62.87
	Logan	29.73
	McHenry	26.13
	McIntosh	34.20
	McKenzie	21.44
	McLean	38.16
	Mercer	27.69
	Morton	29.73
	Mountrail	26.46
	Nelson	34.16
	Oliver	29.69
	Pembina	74.94
	Pierce	29.87
	Ramsey	40.49
	Ransom	53.13

	Renville	47.03
	Richland	86.35
	Rolette	32.67
	Sargent	68.98
	Sheridan	27.18
	Sioux	25.99
	Slope	24.79
	Stark	39.47
	Steele	53.79
	Stutsman	50.77
	Towner	37.29
	Traill	84.35
	Walsh	69.13
	Ward	44.70
	Wells	47.03
	Williams	21.66
Ohio	Adams	83.08
	Allen	153.36
	Ashland	132.86
	Ashtabula	95.06
	Athens	80.72
	Auglaize	175.42
	Belmont	97.05
	Brown	104.56
	Butler	169.65
	Carroll	107.90
	Champaign	155.54
	Clark	149.11
	Clermont	148.21
	Clinton	144.03
	Columbiana	141.10
	Coshocton	99.55
	Crawford	135.87
	Cuyahoga	496.68
	Darke	206.00
	Defiance	130.10
	Delaware	172.33
	Erie	136.63
	Fairfield	138.52
	Fayette	158.84
	Franklin	178.54
	Fulton	161.27
	Gallia	94.44
	Geauga	205.89
	Greene	174.51
	Guernsey	83.34
	Hamilton	211.37
	Hancock	137.32
	Hardin	141.86

Harrison	87.29
Henry	163.84
Highland	105.03
Hocking	104.05
Holmes	169.00
Huron	130.18
Jackson	68.57
Jefferson	79.96
Knox	138.70
Lake	219.14
Lawrence	70.86
Licking	142.04
Logan	144.51
Lorain	136.34
Lucas	167.69
Madison	147.81
Mahoning	144.18
Marion	138.52
Medina	184.67
Meigs	70.46
Mercer	227.95
Miami	165.51
Monroe	66.97
Montgomery	170.01
Morgan	69.73
Morrow	135.91
Muskingum	94.69
Noble	73.94
Ottawa	137.94
Paulding	140.70
Perry	105.21
Pickaway	139.10
Pike	92.19
Portage	150.78
Preble	152.56
Putnam	145.96
Richland	144.03
Ross	104.71
Sandusky	136.67
Scioto	81.63
Seneca	141.42
Shelby	172.77
Stark	160.03
Summit	245.29
Trumbull	116.32
Tuscarawas	111.20
Union	149.08
Van Wert	182.17
Vinton	70.46

	Warren	207.53
	Washington	77.68
	Wayne	181.04
	Williams	111.09
	Wood	168.96
	Wyandot	145.96
Oklahoma	Adair	56.90
	Alfalfa	40.87
	Atoka	40.15
	Beaver	19.19
	Beckham	31.77
	Blaine	34.22
	Bryan	50.93
	Caddo	38.46
	Canadian	55.39
	Carter	45.40
	Cherokee	68.15
	Choctaw	42.31
	Cimarron	14.52
	Cleveland	89.86
	Coal	36.23
	Comanche	39.72
	Cotton	32.39
	Craig	45.79
	Creek	51.40
	Custer	38.53
	Delaware	66.68
	Dewey	29.11
	Ellis	22.93
	Garfield	41.23
	Garvin	45.43
	Grady	46.30
	Grant	39.25
	Greer	24.62
	Harmon	27.39
	Harper	21.89
	Haskell	43.53
	Hughes	35.87
	Jackson	28.79
	Jefferson	29.08
	Johnston	38.64
	Kay	38.89
	Kingfisher	39.18
	Kiowa	27.64
	Latimer	38.32
	Le Flore	57.08
	Lincoln	49.57
	Logan	54.17
	Love	49.75

	Major	32.28
	Marshall	48.09
	Mayes	60.74
	McClain	58.73
	McCurtain	50.11
	McIntosh	44.32
	Murray	39.86
	Muskogee	50.75
	Noble	40.98
	Nowata	47.66
	Okfuskee	36.70
	Oklahoma	89.10
	Okmulgee	51.79
	Osage	30.34
	Ottawa	66.32
	Pawnee	38.28
	Payne	54.38
	Pittsburg	39.14
	Pontotoc	50.57
	Pottawatomie	50.50
	Pushmataha	32.71
	Roger Mills	29.65
	Rogers	70.85
	Seminole	40.58
	Sequoyah	57.58
	Stephens	36.45
	Texas	23.00
	Tillman	28.86
	Tulsa	104.52
	Wagoner	69.80
	Washington	48.09
	Washita	34.47
	Woods	31.20
	Woodward	31.85
Oregon	Baker	20.75
	Benton	121.45
	Clackamas	276.09
	Clatsop	113.57
	Columbia	112.44
	Coos	66.02
	Crook	18.60
	Curry	69.76
	Deschutes	143.61
	Douglas	63.13
	Gilliam	10.18
	Grant	16.48
	Harney	11.21
	Hood River	388.97
	Jackson	95.86

	Jefferson	13.13
	Josephine	205.80
	Klamath	30.20
	Lake	20.83
	Lane	139.70
	Lincoln	98.16
	Linn	99.08
	Malheur	24.03
	Marion	162.60
	Morrow	19.47
	Multnomah	244.18
	Polk	125.72
	Sherman	12.21
	Tillamook	128.13
	Umatilla	33.42
	Union	31.68
	Wallowa	25.85
	Wasco	15.41
	Washington	191.85
	Wheeler	13.26
	Yamhill	187.58
Pennsylvania	Adams	178.38
	Allegheny	150.79
	Armstrong	82.28
	Beaver	137.63
	Bedford	105.68
	Berks	253.54
	Blair	130.65
	Bradford	106.00
	Bucks	351.46
	Butler	135.87
	Cambria	93.80
	Cameron	55.95
	Carbon	187.39
	Centre	155.01
	Chester	374.07
	Clarion	84.47
	Clearfield	75.81
	Clinton	154.94
	Columbia	134.30
	Crawford	80.78
	Cumberland	223.02
	Dauphin	129.97
	Delaware	394.89
	Elk	97.88
	Erie	98.38
	Fayette	95.05
	Forest	68.90
	Franklin	190.22

	Fulton	104.14
	Greene	86.08
	Huntingdon	109.69
	Indiana	80.10
	Jefferson	74.31
	Juniata	144.21
	Lackawanna	140.06
	Lancaster	358.57
	Lawrence	117.49
	Lebanon	302.30
	Lehigh	238.37
	Luzerne	128.47
	Lycoming	122.06
	McKean	59.03
	Mercer	97.88
	Mifflin	140.45
	Monroe	224.95
	Montgomery	402.15
	Montour	156.91
	Northampton	235.19
	Northumberland	140.17
	Perry	144.57
	Philadelphia	1,297.57
	Pike	52.52
	Potter	78.67
	Schuylkill	184.21
	Snyder	166.57
	Somerset	75.31
	Sullivan	88.26
	Susquehanna	116.73
	Tioga	98.38
	Union	154.30
	Venango	88.51
	Warren	67.15
	Washington	130.44
	Wayne	106.75
	Westmoreland	136.16
	Wyoming	114.80
	York	216.01
Puerto Rico	All Areas	185.31
Rhode Island	Bristol	630.91
	Kent	212.86
	Newport	548.98
	Providence	358.30
	Washington	292.91
South Carolina	Abbeville	78.52
	Aiken	107.53
	Allendale	62.57
	Anderson	123.59

	Bamberg	62.68
	Barnwell	68.97
	Beaufort	95.72
	Berkeley	100.95
	Calhoun	79.06
	Charleston	176.40
	Cherokee	85.81
	Chester	79.80
	Chesterfield	77.50
	Clarendon	52.07
	Colleton	76.33
	Darlington	69.75
	Dillon	73.64
	Dorchester	97.34
	Edgefield	83.65
	Fairfield	78.98
	Florence	62.68
	Georgetown	66.60
	Greenville	183.86
	Greenwood	68.13
	Hampton	67.84
	Horry	85.35
	Jasper	76.90
	Kershaw	86.52
	Lancaster	111.39
	Laurens	95.89
	Lee	64.09
	Lexington	112.73
	Marion	65.86
	Marlboro	61.37
	McCormick	50.02
	Newberry	76.72
	Oconee	150.19
	Orangeburg	71.52
	Pickens	157.76
	Richland	99.36
	Saluda	80.72
	Spartanburg	140.46
	Sumter	65.65
	Union	62.32
	Williamsburg	59.04
	York	142.37
South Dakota	Aurora	68.50
	Beadle	83.07
	Bennett	16.39
	Bon Homme	84.71
	Brookings	123.61
	Brown	84.63
	Brule	66.07

Buffalo	34.30
Butte	17.95
Campbell	36.99
Charles Mix	68.24
Clark	73.50
Clay	128.29
Codington	77.85
Corson	18.96
Custer	33.25
Davison	98.41
Day	55.44
Deuel	85.61
Dewey	16.61
Douglas	82.78
Edmunds	63.60
Fall River	14.94
Faulk	56.42
Grant	86.81
Gregory	35.43
Haakon	17.44
Hamlin	103.63
Hand	55.33
Hanson	108.64
Harding	12.18
Hughes	56.93
Hutchinson	95.37
Hyde	40.32
Jackson	23.06
Jerauld	57.08
Jones	21.10
Kingsbury	96.27
Lake	118.39
Lawrence	41.16
Lincoln	157.81
Lyman	29.08
Marshall	64.83
McCook	123.22
McPherson	44.38
Meade	19.54
Mellette	20.74
Miner	93.19
Minnehaha	149.29
Moody	147.76
Pennington	20.27
Perkins	15.59
Potter	57.98
Roberts	73.43
Sanborn	68.97
Shannon	13.34

	Spink	86.34
	Stanley	26.62
	Sully	45.25
	Todd	14.83
	Tripp	32.42
	Turner	125.21
	Union	145.41
	Walworth	42.97
	Yankton	120.17
	Ziebach	13.78
Tennessee	Anderson	169.66
	Bedford	110.71
	Benton	64.93
	Bledsoe	101.58
	Blount	197.33
	Bradley	157.57
	Campbell	108.24
	Cannon	89.74
	Carroll	70.98
	Carter	151.74
	Cheatham	123.71
	Chester	55.84
	Claiborne	88.83
	Clay	80.50
	Cocke	106.25
	Coffee	102.56
	Crockett	82.17
	Cumberland	110.31
	Davidson	180.24
	Decatur	62.29
	DeKalb	92.96
	Dickson	96.44
	Dyer	72.65
	Fayette	91.01
	Fentress	92.93
	Franklin	112.92
	Gibson	89.52
	Giles	85.10
	Grainger	110.16
	Greene	117.41
	Grundy	82.97
	Hamblen	135.66
	Hamilton	163.80
	Hancock	66.56
	Hardeman	73.99
	Hardin	73.33
	Hawkins	102.05
	Haywood	104.51
	Henderson	63.95

Henry	80.50
Hickman	69.35
Houston	65.73
Humphreys	82.39
Jackson	83.84
Jefferson	156.44
Johnson	138.01
Knox	222.21
Lake	95.35
Lauderdale	90.61
Lawrence	76.74
Lewis	75.40
Lincoln	97.67
Loudon	157.10
Macon	99.19
Madison	73.01
Marion	85.25
Marshall	87.42
Maury	105.71
McMinn	118.71
McNairy	62.51
Meigs	101.98
Monroe	130.59
Montgomery	124.87
Moore	102.20
Morgan	99.30
Obion	92.31
Overton	94.16
Perry	57.40
Pickett	84.16
Polk	129.50
Putnam	125.41
Rhea	101.36
Roane	147.32
Robertson	141.05
Rutherford	141.31
Scott	81.81
Sequatchie	93.76
Sevier	171.69
Shelby	132.87
Smith	76.99
Stewart	76.16
Sullivan	160.10
Sumner	140.91
Tipton	85.97
Trousdale	111.65
Unicoi	159.67
Union	83.65
Van Buren	107.81

	Warren	103.39
	Washington	185.92
	Wayne	58.34
	Weakley	86.23
	White	109.11
	Williamson	213.70
	Wilson	128.42
Texas	Anderson	67.55
	Andrews	9.04
	Angelina	87.19
	Aransas	47.05
	Archer	27.17
	Armstrong	29.03
	Atascosa	54.09
	Austin	112.84
	Bailey	22.23
	Bandera	74.38
	Bastrop	103.21
	Baylor	28.68
	Bee	51.53
	Bell	84.57
	Bexar	118.22
	Blanco	130.54
	Borden	16.15
	Bosque	66.83
	Bowie	62.65
	Brazoria	83.84
	Brazos	104.14
	Brewster	12.94
	Briscoe	23.02
	Brooks	29.34
	Brown	56.50
	Burleson	79.32
	Burnet	91.78
	Caldwell	91.30
	Calhoun	48.46
	Callahan	41.70
	Cameron	81.12
	Camp	71.86
	Carson	25.40
	Cass	56.88
	Castro	30.31
	Chambers	55.12
	Cherokee	68.21
	Childress	21.23
	Clay	43.56
	Cochran	18.57
	Coke	28.86
	Coleman	41.77

Collin	146.42
Collingsworth	22.99
Colorado	91.37
Comal	144.90
Comanche	66.31
Concho	43.70
Cooke	90.23
Coryell	67.17
Cottle	17.09
Crane	16.29
Crockett	17.40
Crosby	23.61
Culberson	9.46
Dallam	26.03
Dallas	127.33
Dawson	21.78
Deaf Smith	27.30
Delta	50.43
Denton	168.75
DeWitt	72.14
Dickens	20.23
Dimmit	43.04
Donley	29.75
Duval	36.04
Eastland	54.88
Ector	13.36
Edwards	34.69
El Paso	53.50
Ellis	87.85
Erath	88.78
Falls	53.78
Fannin	70.73
Fayette	116.94
Fisher	29.89
Floyd	31.62
Foard	20.40
Fort Bend	113.08
Franklin	79.22
Freestone	57.99
Frio	56.40
Gaines	26.79
Galveston	99.51
Garza	19.16
Gillespie	117.63
Glasscock	24.71
Goliad	57.09
Gonzales	89.23
Gray	24.51
Grayson	103.76

Gregg	107.18
Grimes	106.73
Guadalupe	99.27
Hale	32.72
Hall	21.30
Hamilton	68.55
Hansford	25.54
Hardeman	24.16
Hardin	85.40
Harris	147.53
Harrison	78.56
Hartley	27.75
Haskell	20.43
Hays	171.21
Hemphill	20.43
Henderson	82.25
Hidalgo	83.88
Hill	62.20
Hockley	28.65
Hood	112.80
Hopkins	61.13
Houston	61.96
Howard	20.95
Hudspeth	15.53
Hunt	84.39
Hutchinson	21.06
Irion	25.92
Jack	54.02
Jackson	58.37
Jasper	86.95
Jeff Davis	13.25
Jefferson	45.77
Jim Hogg	36.86
Jim Wells	50.46
Johnson	112.60
Jones	30.72
Karnes	71.73
Kaufman	93.85
Kendall	132.20
Kenedy	18.16
Kent	23.58
Kerr	72.73
Kimble	48.95
King	16.78
Kinney	33.21
Kleberg	52.02
Knox	21.33
La Salle	53.92
Lamar	59.71

Lamb	31.96
Lampasas	69.35
Lavaca	80.94
Lee	88.33
Leon	69.21
Liberty	69.17
Limestone	52.22
Lipscomb	22.30
Live Oak	52.91
Llano	74.70
Loving	5.49
Lubbock	51.15
Lynn	24.85
Madison	77.28
Marion	61.41
Martin	28.51
Mason	65.38
Matagorda	54.74
Maverick	32.55
McCulloch	51.15
McLennan	71.55
McMullen	38.80
Medina	71.73
Menard	40.28
Midland	39.56
Milam	98.89
Mills	61.37
Mitchell	21.78
Montague	69.03
Montgomery	163.06
Moore	25.92
Morris	57.99
Motley	20.37
Nacogdoches	69.62
Navarro	56.68
Newton	55.33
Nolan	31.03
Nueces	42.77
Ochiltree	27.65
Oldham	16.29
Orange	91.75
Palo Pinto	66.48
Panola	58.02
Parker	138.41
Parmer	28.72
Pecos	14.01
Polk	75.45
Potter	15.12
Presidio	12.74

Rains	69.66
Randall	27.72
Reagan	13.43
Real	40.80
Red River	45.91
Reeves	7.42
Refugio	25.20
Roberts	18.16
Robertson	66.10
Rockwall	161.16
Runnels	35.73
Rusk	60.37
Sabine	75.04
San Augustine	63.79
San Jacinto	78.29
San Patricio	44.11
San Saba	67.31
Schleicher	25.58
Scurry	23.47
Shackelford	30.17
Shelby	80.84
Sherman	29.75
Smith	104.55
Somervell	107.52
Starr	48.88
Stephens	38.62
Sterling	14.57
Stonewall	19.85
Sutton	26.06
Swisher	25.44
Tarrant	175.04
Taylor	31.27
Terrell	10.73
Terry	31.45
Throckmorton	33.10
Titus	71.11
Tom Green	31.48
Travis	105.97
Trinity	63.99
Tyler	80.74
Upshur	79.04
Upton	16.22
Uvalde	55.19
Val Verde	15.74
Van Zandt	88.12
Victoria	63.30
Walker	91.92
Waller	172.45
Ward	10.22

	Washington	153.22
	Webb	29.89
	Wharton	70.17
	Wheeler	22.68
	Wichita	32.93
	Wilbarger	27.61
	Willacy	50.46
	Williamson	107.28
	Wilson	82.50
	Winkler	10.01
	Wise	105.35
	Wood	78.77
	Yoakum	22.33
	Young	38.21
	Zapata	32.27
	Zavala	42.39
Utah	Beaver	22.60
	Box Elder	13.61
	Cache	39.93
	Carbon	13.78
	Daggett	24.17
	Davis	73.36
	Duchesne	9.42
	Emery	19.23
	Garfield	25.73
	Grand	6.55
	Iron	21.34
	Juab	13.58
	Kane	15.95
	Millard	15.90
	Morgan	17.82
	Piute	33.17
	Rich	11.39
	Salt Lake	53.53
	San Juan	4.23
	Sanpete	24.35
	Sevier	34.16
	Summit	25.81
	Tooele	13.51
	Uintah	7.16
	Utah	60.32
	Wasatch	43.19
	Washington	41.37
	Wayne	45.68
	Weber	65.88
Vermont	Addison	86.83
	Bennington	119.13
	Caledonia	90.78
	Chittenden	122.59

	Essex	53.13
	Franklin	79.91
	Grand Isle	108.58
	Lamoille	103.98
	Orange	88.36
	Orleans	69.39
	Rutland	77.52
	Washington	114.46
	Windham	114.03
	Windsor	108.26
Virginia	Accomack	105.46
	Albemarle	251.95
	Alleghany	89.41
	Amelia	88.19
	Amherst	104.92
	Appomattox	81.93
	Arlington	1,546.99
	Augusta	180.02
	Bath	119.88
	Bedford	127.47
	Bland	92.80
	Botetourt	125.74
	Brunswick	60.07
	Buchanan	76.03
	Buckingham	88.55
	Campbell	85.89
	Caroline	118.76
	Carroll	98.01
	Charles City	108.08
	Charlotte	65.35
	Chesapeake City	125.31
	Chesterfield	153.33
	Clarke	226.74
	Craig	91.21
	Culpeper	185.59
	Cumberland	103.23
	Dickenson	85.39
	Dinwiddie	86.39
	Essex	87.62
	Fairfax	436.10
	Fauquier	228.32
	Floyd	104.23
	Fluvanna	146.67
	Franklin	101.97
	Frederick	169.84
	Giles	76.03
	Gloucester	144.66
	Goochland	157.03
	Grayson	120.71

Greene	197.96
Greensville	58.37
Halifax	66.11
Hanover	160.16
Henrico	189.26
Henry	77.69
Highland	97.26
Isle of Wight	102.33
James City	252.24
King and Queen	88.87
King George	144.80
King William	107.43
Lancaster	131.75
Lee	63.37
Loudoun	344.64
Louisa	164.66
Lunenburg	68.48
Madison	181.74
Mathews	178.18
Mecklenburg	74.09
Middlesex	110.92
Montgomery	140.34
Nelson	131.82
New Kent	158.98
Northampton	124.27
Northumberland	86.36
Nottoway	89.77
Orange	194.12
Page	169.23
Patrick	96.00
Pittsylvania	69.92
Powhatan	164.84
Prince Edward	92.15
Prince George	120.92
Prince William	254.00
Pulaski	88.44
Rappahannock	242.92
Richmond	82.94
Roanoke	123.01
Rockbridge	123.62
Rockingham	203.00
Russell	62.48
Scott	59.74
Shenandoah	160.56
Smyth	80.24
Southampton	76.75
Spotsylvania	176.38
Stafford	263.78
Suffolk	130.09

	Surry	103.05
	Sussex	65.53
	Tazewell	63.73
	Virginia Beach City	153.00
	Warren	205.37
	Washington	113.26
	Westmoreland	102.90
	Wise	79.31
	Wythe	97.44
	York	143.62
Washington	Adams	21.75
	Asotin	15.04
	Benton	48.35
	Chelan	154.73
	Clallam	220.15
	Clark	223.48
	Columbia	19.01
	Cowlitz	153.54
	Douglas	17.99
	Ferry	7.51
	Franklin	51.71
	Garfield	16.74
	Grant	60.54
	Grays Harbor	37.14
	Island	251.46
	Jefferson	161.37
	King	378.56
	Kitsap	467.12
	Kittitas	78.09
	Klickitat	25.17
	Lewis	111.17
	Lincoln	19.65
	Mason	146.51
	Okanogan	23.43
	Pacific	61.05
	Pend Oreille	53.94
	Pierce	251.21
	San Juan	233.64
	Skagit	133.97
	Skamania	179.57
	Snohomish	283.56
	Spokane	50.23
	Stevens	27.78
	Thurston	153.47
	Wahkiakum	82.88
	Walla Walla	36.85
	Whatcom	204.07
	Whitman	24.68
	Yakima	31.84

West Virginia	Barbour	56.65
	Berkeley	166.84
	Boone	50.31
	Braxton	47.38
	Brooke	56.43
	Cabell	86.86
	Calhoun	44.08
	Clay	54.26
	Doddridge	54.55
	Fayette	71.21
	Gilmer	42.67
	Grant	68.89
	Greenbrier	82.22
	Hampshire	104.36
	Hancock	84.98
	Hardy	82.22
	Harrison	61.40
	Jackson	63.97
	Jefferson	199.15
	Kanawha	62.74
	Lewis	57.05
	Lincoln	58.57
	Logan	56.47
	Marion	62.45
	Marshall	63.71
	Mason	61.25
	McDowell	69.51
	Mercer	64.40
	Mineral	87.11
	Mingo	41.08
	Monongalia	89.54
	Monroe	66.14
	Morgan	129.53
	Nicholas	73.97
	Ohio	67.01
	Pendleton	67.41
	Pleasants	56.00
	Pocahontas	63.79
	Preston	71.50
	Putnam	74.07
	Raleigh	72.08
	Randolph	52.59
	Ritchie	46.33
	Roane	49.73
	Summers	63.68
	Taylor	71.90
	Tucker	88.64
	Tyler	53.21
	Upshur	67.23

	Wayne	54.48
	Webster	63.57
	Wetzel	52.92
	Wirt	47.60
	Wood	67.59
	Wyoming	60.06
Wisconsin	Adams	110.38
	Ashland	52.40
	Barron	79.64
	Bayfield	57.80
	Brown	154.38
	Buffalo	95.76
	Burnett	69.97
	Calumet	157.08
	Chippewa	77.62
	Clark	88.96
	Columbia	143.50
	Crawford	77.01
	Dane	172.38
	Dodge	152.39
	Door	115.82
	Douglas	49.44
	Dunn	94.37
	Eau Claire	85.44
	Florence	88.64
	Fond du Lac	142.32
	Forest	58.59
	Grant	118.45
	Green	124.50
	Green Lake	129.30
	Iowa	113.58
	Iron	65.66
	Jackson	88.00
	Jefferson	147.51
	Juneau	87.61
	Kenosha	143.35
	Kewaunee	123.82
	La Crosse	95.19
	Lafayette	139.30
	Langlade	78.79
	Lincoln	70.32
	Manitowoc	150.22
	Marathon	82.99
	Marinette	86.37
	Marquette	97.57
	Menominee	36.57
	Milwaukee	269.17
	Monroe	91.24
	Oconto	93.13

	Oneida	119.24
	Outagamie	150.00
	Ozaukee	159.57
	Pepin	93.52
	Pierce	112.62
	Polk	81.14
	Portage	93.70
	Price	54.10
	Racine	155.09
	Richland	85.69
	Rock	157.15
	Rusk	57.95
	Sauk	110.45
	Sawyer	65.24
	Shawano	102.23
	Sheboygan	149.19
	St. Croix	119.59
	Taylor	62.29
	Trempealeau	90.99
	Vernon	93.94
	Vilas	152.32
	Walworth	174.55
	Washburn	70.64
	Washington	165.98
	Waukesha	185.75
	Waupaca	109.31
	Waushara	98.43
	Winnebago	119.63
	Wood	89.57
Wyoming	Albany	10.23
	Big Horn	27.79
	Campbell	10.53
	Carbon	10.23
	Converse	6.87
	Crook	16.15
	Fremont	15.83
	Goshen	14.14
	Hot Springs	12.71
	Johnson	11.05
	Laramie	13.08
	Lincoln	32.75
	Natrona	11.35
	Niobrara	9.76
	Park	25.49
	Platte	13.08
	Sheridan	14.99
	Sublette	24.47
	Sweetwater	3.68
	Teton	57.88

	Uinta	13.37
	Washakie	16.15
	Weston	8.51

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