

Supplemental materials for:

Hong Y, Mainous III AG. Development and validation of a county-level social determinants of health risk assessment tool for cardiovascular disease. *Ann Fam Med.* 2020;18(4):318-325.

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eMethod. Description of AHRQ SES Index and CDC Social Vulnerability Index (SVI)

The Agency for Healthcare Research and Quality (AHRQ) developed census tract-level socioeconomic status index using 2007-2011 US Census block-group data to supplement Medicare data. The AHRQ SES Index is a composite score of 7 key socioeconomic factors and range from 0 to 100 (higher score indicates better SES), including crowdedness in housing (% of households containing one or more person per room), median home value, poverty rate, median household income, % of residents aged ≥ 25 years with at least 4 years of college, % of residents without high school diploma (less than 12th grade education), and unemployment rate. The index was developed based on a principal component factor analysis and corresponding weights for each item were assigned. The equation of the AHRQ SES Index is presented below in Box 1.¹

Box 1. AHRQ SES Index Equation

$$50 + (-0.07 \times \text{crowdedness in housing}) + (0.08 \times \text{standardized median home value}) + (0.11 \times \text{standardized median income}) + (-0.10 \times \text{poverty rate}) + (0.10 \times \text{college education}) + (-0.11 \times \text{no high school education}) + (-0.08 \times \text{unemployment rate})$$

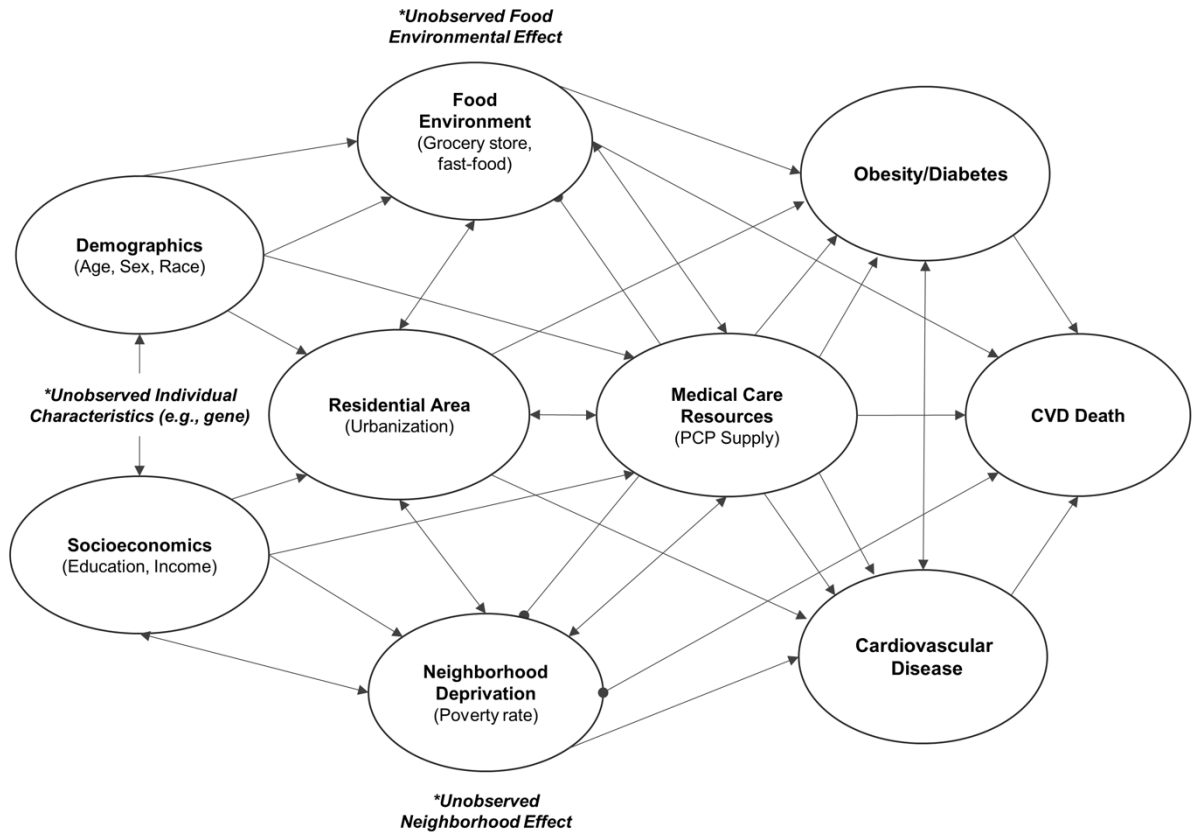
The Social Vulnerability Index (SVI) was developed by the Agency for Toxic Substances and Disease Registry of the Centers for Disease Control and Prevention (CDC) to assess the social vulnerability of U.S. census tracts and counties.² The SVI was constructed based on 15 factors at the census tract or county level retrieved from the 2010-2016 U.S. Census data to identify populations that need more resources to improve the effectiveness of disaster preparedness and disease outbreak. These area vulnerability variables were grouped into 4 related themes: socioeconomic status (including poverty rate, unemployment rate, per capita income, no high school diploma among residents ≥ 25 years of age), household composition and disability (proportion of residents with ≤ 17 years of age or below, ≥ 65 years of age, any disability, and single-parent households with children ≤ 17 years of age), minority status and language (proportion of racial/ethnic minorities and people who have limited English proficiency), and housing and transportation (housing infrastructure with 10 or more units, households that have more people than rooms, mobile homes, no transportation, and population living in group quarters [e.g., nursing homes, correctional facilities]). Figure 1 presents the list of

variables in the four vulnerability themes. For each of the 15 variables, percentile ranking ranging from zero to one is calculated for every U.S. census tract and county, with higher values indicating greater vulnerability. An overall SVI index is constructed by summing individual variable rankings and calculating an overall percentile ranking.² The CDC releases the index scores and social vulnerability maps every other year since 2010.

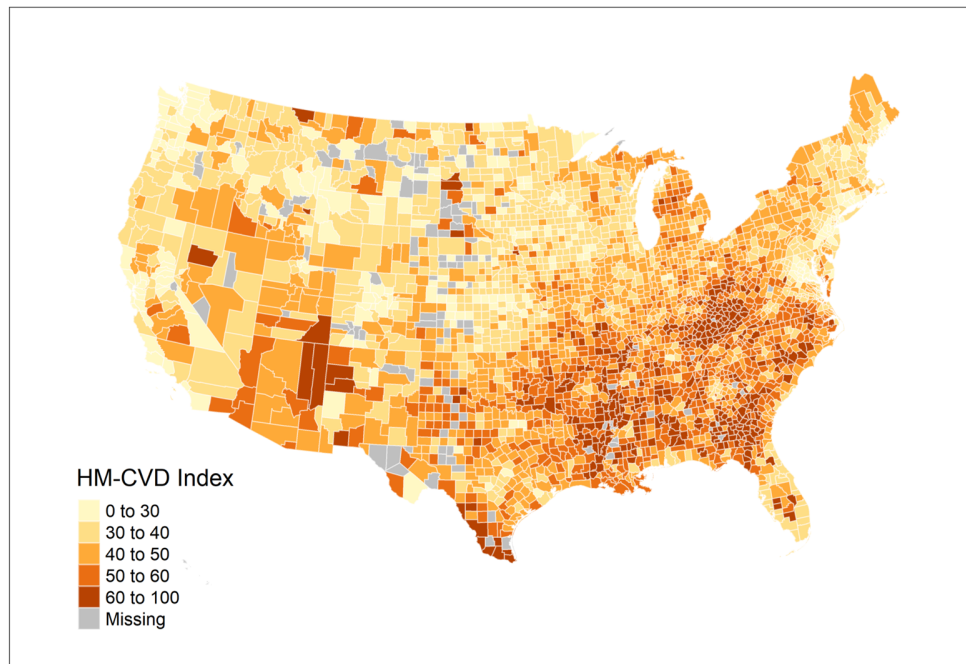
Online References

1. Agency for Healthcare Research and Quality. Creation of New Race-Ethnicity Codes and Socioeconomic Status (SES) Indicators for Medicare Beneficiaries. 2012. <http://www.ahrq.gov/research/findings/final-reports/medicareindicators/index.html>.
2. Agency for Toxic Substances and Disease Registry. CDC's Social Vulnerability Index (SVI). <https://svi.cdc.gov/>. Published 2018. Accessed January 22, 2019.

Supplemental Figure 1. Directed Acyclic Graphs for Relationships between SDH and CVD Outcome



Supplemental Figure 2. Heatmap of the predicted CVD mortality risk across US countie



Supplemental Table 1. Descriptions of SDH Candidate Variables.

Variables	Year	Source
<i>Sociodemographic</i>		
Proportion of minority population	2015	U.S. Census Bureau
Median age	2015	U.S. Census Bureau
Median income	2015	U.S. Census Bureau, American Community Survey (ACS) Summary File
Poverty rate	2015	U.S. Census Bureau, Small Area Income Poverty Estimates (SAIPE) files
Proportion of population without high school diploma	2015	U.S. Census Bureau, American Community Survey (ACS) Summary File
Proportion of population with college degree	2015	U.S. Census Bureau, American Community Survey (ACS) Summary File
Uninsured rate	2015	U.S. Census Bureau, Small Area Health Insurance Estimates (SAHIE) file
Unemployment rate	2015	U.S. Census Bureau, Local Area Unemployment Statistics File
Metropolitan statistical area	2013	U.S. Department of Agriculture, Atlas of Rural and Small Town America,
<i>Food/Life Style</i>		
Density of grocery stores (per 1,000 individuals)	2014	U.S. Census Bureau, County Business Patterns
Density of convenience stores (per 1,000 individuals)	2014	U.S. Census Bureau, County Business Patterns
Density of full-service restaurant (per 1,000 individuals)	2014	U.S. Census Bureau, County Business Patterns
Density of fast-food restaurant (per 1,000 individuals)	2014	U.S. Census Bureau, County Business Patterns
Soda tax rate	2014	The MayaTech Corporation for the University of Illinois at Chicago
Density of recreation facilities (per 1,000 individuals)	2014	U.S. Census Bureau, County Business Patterns
<i>Access to Care</i>		
Density of Primary Care Physicians (per 1,000 individuals)	2015	American Medical Association Physician Master file
Density of Specialists (per 1,000 individuals)	2015	American Medical Association Physician Master file
Density of Non-Physicians (per 1,000 individuals)	2015	CMS National Provider Identification (NPI) file
Density of Community Health Facilities (per 1,000 individuals)	2015	CMS Provider of Services Data
Density of Hospitals (per 1,000 individuals)	2015	American Hospital Association Annual Survey

Supplemental Table 2. A Correlation Matrix of SDH Candidate Variables

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1. CVD Mortality	1	0.14 ***	-0.54 ***	0.53 ***	0.49 ***	-0.52 ***	0.33 ***	0.41 ***	-0.20 ***	-0.07 ***	0.27 ***	-0.08 ***	-0.34 ***	-0.25 ***	-0.03 *	-0.27 ***	-0.28 ***	-0.19 ***	0.05 **	-0.09 ***	-0.11 ***
2. % of Minority		1	-0.13 ***	0.41 ***	0.53 ***	0.00	0.49 ***	0.32 ***	0.14 ***	-0.12 ***	0.05 **	0.12 **	-0.19 ***	-0.05 *	-0.06 ***	-0.07 ***	-0.03	0.15 ***	0.02	0.23 ***	0.24 ***
3. Median Income			1	-0.75 ***	-0.57 ***	0.69 ***	-0.51 ***	-0.52 ***	0.48 ***	-0.08 ***	-0.38 ***	0.17 ***	0.19 ***	0.13 ***	0.09 ***	0.37 ***	0.29 ***	0.30 ***	-0.07 ***	0.10 ***	0.19 ***
4. Poverty Rate				1	0.65 ***	-0.42 ***	0.55 ***	0.61 ***	-0.22 ***	-0.05 **	0.25 ***	-0.05 **	-0.27 ***	-0.09 ***	-0.12 ***	-0.28 ***	-0.19 ***	-0.09 ***	0.12 ***	0.04 *	-0.04
5. % of Population without HS Degree					1	-0.60 ***	0.68 ***	0.51 ***	-0.21 ***	-0.07 ***	0.22 ***	-0.15 ***	-0.37 ***	-0.15 ***	0.00	-0.35 ***	-0.37 ***	-0.21 ***	-0.06 **	0.02	-0.08 ***
6. % of Population with College Degree						1	-0.39 ***	-0.39 ***	0.41 ***	-0.03	-0.33 ***	0.37 ***	0.35 ***	0.14 ***	-0.02	0.47 ***	0.57 ***	0.56 ***	0.22 ***	0.22 ***	0.32 ***
7. % of Population without Insurance							1	0.31 ***	-0.19 ***	-0.03	0.21 ***	-0.05 **	-0.17 ***	0.03	-0.10 ***	-0.27 ***	-0.27 ***	-0.19 ***	-0.09 ***	0.01	-0.01
8. Unemployment Rate								1	-0.09 ***	-0.09 ***	0.15 ***	-0.07 ***	-0.21 ***	-0.08 ***	-0.05 **	-0.22 ***	-0.19 ***	-0.08 ***	0.02	0.06 **	-0.05 *
9. Metro Area									1	-0.28 ***	-0.34 ***	0.14 ***	-0.13 ***	-0.07 ***	0.01	0.18 ***	0.18 ***	0.36 ***	0.09 ***	0.22 ***	0.29 ***
10. Density of Grocery Store										1	0.274 ***	-0.04	0.37 ***	0.21 ***	-0.06 **	-0.06 ***	0.03	-0.09 ***	0.02	-0.01	-0.07 ***
11. Density of Convenient Store											1	-0.02	0.13 ***	-0.08 ***	-0.16 ***	-0.18 ***	-0.16 ***	-0.23 ***	0.01	-0.17 ***	-0.21 ***

12. Density of Fast-Food												1	0.34 ***	-0.02	-0.00	0.31 ***	0.40 ***	0.34 ***	0.28 ***	0.12 ***	0.20 ***
13. Density of Full-Service Restaurant													1	0.19 ***	-0.07 ***	0.30 ***	0.31 ***	0.13 ***	0.12 ***	0.01	0.02
14. Soda Price Ratio														1	-0.06 **	0.08 ***	0.10 ***	-0.03	0.01	0.10 ***	0.05 *
15. Soda Tax Rate															1	-0.01	-0.03	-0.00	0.01	0.05 *	0.05 **
16. Density of Recreation Facilities																1	0.37 ***	0.30 ***	0.18 ***	0.09 ***	0.15 ***
17. Primary Care Physician Supply																	1	0.70 ***	0.46 ***	0.16 ***	0.27 ***
18. Specialist Supply																		1	0.58 ***	0.28 ***	0.38 ***
19. Non-Physician Supply																			1	0.13 ***	0.20 ***
20. Community Health Facilities																				1	0.70 ***
21. Hospitals																					1

*P<0.05 **P<0.01 ***P<0.001

Supplemental Table 3. Performance of Index Score: Sensitivity, Specificity, Positive Predictive Value (PPV), and Negative Predicted Value (NPV)

Cut-Points	Sensitivity	Specificity	PPV	NPV
≥50	70.5%	80.3%	54.5%	89.1%
≥55	49.7%	89.7%	61.8%	84.2%
≥60	31.4%	95.1%	68.2%	80.6%
≥65	15.7%	97.1%	64.7%	77.5%
≥70	7.3%	98.9%	67.9%	76.2%
≥75	4.3%	99.2%	64.7%	75.6%

Supplemental Table 4. List of the Hong-Mainous CVD Index (HM-CVD) Score for US Counties.

FIPS	State	County	HM-CVD Score
1001	AL	Autauga	43.2
1003	AL	Baldwin	37.6
1005	AL	Barbour	59.1
1007	AL	Bibb	49.4
1009	AL	Blount	56.7
1011	AL	Bullock	70.4
1013	AL	Butler	61.7
1015	AL	Calhoun	54.8
1017	AL	Chambers	55.2
1019	AL	Cherokee	58.3
1021	AL	Chilton	57.6
1023	AL	Choctaw	54.5
1025	AL	Clarke	54.3
1027	AL	Clay	54.1
1029	AL	Cleburne	67.1
1031	AL	Coffee	48.0
1033	AL	Colbert	51.3
1035	AL	Conecuh	73.2
1039	AL	Covington	58.3
1041	AL	Crenshaw	53.2
1043	AL	Cullman	53.0
1045	AL	Dale	48.9
1047	AL	Dallas	62.2
1049	AL	De Kalb	60.4
1051	AL	Elmore	45.0
1053	AL	Escambia	59.7
1055	AL	Etowah	53.3
1057	AL	Fayette	51.8
1059	AL	Franklin	60.2
1061	AL	Geneva	58.4
1063	AL	Greene	68.9
1065	AL	Hale	60.4
1067	AL	Henry	46.9
1069	AL	Houston	46.6
1071	AL	Jackson	58.6
1073	AL	Jefferson	43.3
1075	AL	Lamar	62.1
1077	AL	Lauderdale	49.6

1079	AL	Lawrence	57.1
1081	AL	Lee	45.7
1083	AL	Limestone	49.6
1085	AL	Lowndes	57.1
1087	AL	Macon	64.9
1089	AL	Madison	38.3
1091	AL	Marengo	54.9
1093	AL	Marion	60.3
1095	AL	Marshall	57.5
1097	AL	Mobile	46.1
1099	AL	Monroe	60.3
1101	AL	Montgomery	46.6
1103	AL	Morgan	51.8
1105	AL	Perry	63.5
1107	AL	Pickens	57.3
1109	AL	Pike	53.2
1111	AL	Randolph	59.3
1113	AL	Russell	54.4
1115	AL	St Clair	52.0
1117	AL	Shelby	32.9
1119	AL	Sumter	66.3
1121	AL	Talladega	60.1
1123	AL	Tallapoosa	57.5
1125	AL	Tuscaloosa	45.6
1127	AL	Walker	61.3
1129	AL	Washington	51.6
1131	AL	Wilcox	64.2
1133	AL	Winston	60.1
4001	AZ	Apache	79.6
4003	AZ	Cochise	43.2
4005	AZ	Coconino	48.0
4007	AZ	Gila	51.3
4009	AZ	Graham	51.8
4011	AZ	Greenlee	36.0
4012	AZ	La Paz	50.9
4013	AZ	Maricopa	42.4
4015	AZ	Mohave	50.7
4017	AZ	Navajo	67.0
4019	AZ	Pima	41.0
4021	AZ	Pinal	46.0
4023	AZ	Santa Cruz	50.9
4025	AZ	Yavapai	41.6
4027	AZ	Yuma	57.4
5001	AR	Arkansas	49.8

5003	AR	Ashley	61.1
5005	AR	Baxter	46.1
5007	AR	Benton	41.9
5009	AR	Boone	52.1
5011	AR	Bradley	59.4
5013	AR	Calhoun	54.9
5015	AR	Carroll	46.9
5017	AR	Chicot	67.9
5019	AR	Clark	57.2
5021	AR	Clay	62.5
5023	AR	Cleburne	46.7
5025	AR	Cleveland	57.8
5027	AR	Columbia	61.0
5029	AR	Conway	53.8
5031	AR	Craighead	46.4
5033	AR	Crawford	53.6
5035	AR	Crittenden	56.2
5037	AR	Cross	58.7
5039	AR	Dallas	40.8
5041	AR	Desha	66.7
5043	AR	Drew	61.3
5045	AR	Faulkner	44.1
5047	AR	Franklin	60.0
5049	AR	Fulton	54.7
5051	AR	Garland	48.7
5053	AR	Grant	46.3
5055	AR	Greene	52.8
5057	AR	Hempstead	58.5
5059	AR	Hot Spring	56.9
5061	AR	Howard	59.7
5063	AR	Independence	55.8
5065	AR	Izard	59.4
5067	AR	Jackson	68.0
5069	AR	Jefferson	53.7
5071	AR	Johnson	60.1
5073	AR	Lafayette	68.4
5075	AR	Lawrence	59.9
5079	AR	Lincoln	62.5
5081	AR	Little River	54.8
5083	AR	Logan	60.5
5085	AR	Lonoke	48.2
5087	AR	Madison	58.5
5089	AR	Marion	50.8
5091	AR	Miller	51.6

5093	AR	Mississippi	61.4
5095	AR	Monroe	64.6
5097	AR	Montgomery	56.3
5099	AR	Nevada	58.6
5101	AR	Newton	51.7
5103	AR	Ouachita	57.9
5105	AR	Perry	48.6
5107	AR	Phillips	64.1
5109	AR	Pike	56.3
5111	AR	Poinsett	65.2
5113	AR	Polk	55.6
5115	AR	Pope	57.3
5117	AR	Prairie	62.4
5119	AR	Pulaski	38.4
5121	AR	Randolph	56.0
5123	AR	St Francis	54.3
5125	AR	Saline	43.4
5127	AR	Scott	60.8
5129	AR	Searcy	62.4
5131	AR	Sebastian	54.5
5133	AR	Sevier	60.9
5135	AR	Sharp	57.1
5137	AR	Stone	62.6
5139	AR	Union	52.1
5141	AR	Van Buren	59.6
5143	AR	Washington	48.5
5145	AR	White	57.2
5147	AR	Woodruff	67.8
5149	AR	Yell	61.4
6001	CA	Alameda	15.6
6005	CA	Amador	26.5
6007	CA	Butte	36.0
6009	CA	Calaveras	29.8
6011	CA	Colusa	40.8
6013	CA	Contra Costa	17.4
6015	CA	Del Norte	39.1
6017	CA	El Dorado	25.3
6019	CA	Fresno	47.6
6021	CA	Glenn	44.9
6023	CA	Humboldt	32.0
6025	CA	Imperial	51.0
6027	CA	Inyo	24.9
6029	CA	Kern	47.3
6031	CA	Kings	49.0

6033	CA	Lake	40.9
6035	CA	Lassen	37.4
6037	CA	Los Angeles	33.6
6039	CA	Madera	49.8
6041	CA	Marin	9.8
6043	CA	Mariposa	30.4
6045	CA	Mendocino	29.5
6047	CA	Merced	53.2
6049	CA	Modoc	27.5
6051	CA	Mono	22.4
6053	CA	Monterey	35.3
6055	CA	Napa	19.6
6057	CA	Nevada	26.5
6059	CA	Orange	25.3
6061	CA	Placer	22.2
6063	CA	Plumas	26.7
6065	CA	Riverside	35.9
6067	CA	Sacramento	33.1
6069	CA	San Benito	28.0
6071	CA	San Bernardino	39.6
6073	CA	San Diego	28.9
6075	CA	San Francisco	4.8
6077	CA	San Joaquin	38.7
6079	CA	San Luis Obispo	23.1
6081	CA	San Mateo	11.2
6083	CA	Santa Barbara	27.3
6085	CA	Santa Clara	13.9
6087	CA	Santa Cruz	22.8
6089	CA	Shasta	34.2
6091	CA	Sierra	27.9
6093	CA	Siskiyou	39.9
6095	CA	Solano	23.9
6097	CA	Sonoma	20.1
6099	CA	Stanislaus	42.3
6101	CA	Sutter	41.9
6103	CA	Tehama	41.7
6105	CA	Trinity	33.5
6107	CA	Tulare	53.6
6109	CA	Tuolumne	30.2
6111	CA	Ventura	24.6
6113	CA	Yolo	26.9
6115	CA	Yuba	49.1
8001	CO	Adams	41.8
8003	CO	Alamosa	41.1

8005	CO	Arapahoe	30.8
8007	CO	Archuleta	29.3
8009	CO	Baca	45.6
8011	CO	Bent	54.4
8013	CO	Boulder	26.7
8014	CO	Broomfield	27.6
8015	CO	Chaffee	30.9
8019	CO	Clear Creek	34.0
8021	CO	Conejos	30.8
8023	CO	Costilla	47.8
8025	CO	Crowley	49.7
8027	CO	Custer	34.7
8029	CO	Delta	36.1
8031	CO	Denver	35.3
8033	CO	Dolores	42.5
8035	CO	Douglas	26.6
8037	CO	Eagle	27.2
8039	CO	Elbert	32.6
8041	CO	El Paso	34.9
8043	CO	Fremont	41.7
8045	CO	Garfield	30.7
8047	CO	Gilpin	26.8
8049	CO	Grand	29.4
8051	CO	Gunnison	27.1
8055	CO	Huerfano	32.2
8059	CO	Jefferson	29.9
8063	CO	Kit Carson	41.0
8065	CO	Lake	26.6
8067	CO	La Plata	24.0
8069	CO	Larimer	30.7
8071	CO	Las Animas	31.1
8073	CO	Lincoln	47.2
8075	CO	Logan	42.6
8077	CO	Mesa	35.8
8081	CO	Moffat	35.8
8083	CO	Montezuma	35.5
8085	CO	Montrose	38.3
8087	CO	Morgan	37.5
8089	CO	Otero	43.8
8093	CO	Park	27.9
8095	CO	Phillips	28.5
8097	CO	Pitkin	21.0
8099	CO	Prowers	48.6
8101	CO	Pueblo	41.6

8103	CO	Rio Blanco	33.5
8105	CO	Rio Grande	37.2
8107	CO	Routt	23.7
8109	CO	Saguache	43.4
8117	CO	Summit	28.5
8119	CO	Teller	32.0
8121	CO	Washington	41.7
8123	CO	Weld	38.3
8125	CO	Yuma	28.1
9001	CT	Fairfield	30.7
9003	CT	Hartford	27.0
9005	CT	Litchfield	24.8
9007	CT	Middlesex	22.9
9009	CT	New Haven	28.9
9011	CT	New London	28.5
9013	CT	Tolland	24.7
9015	CT	Windham	39.5
10001	DE	Kent	43.1
10003	DE	New Castle	34.0
10005	DE	Sussex	33.5
11001	DC	Washington	25.7
12001	FL	Alachua	34.3
12003	FL	Baker	50.8
12005	FL	Bay	42.8
12007	FL	Bradford	59.3
12009	FL	Brevard	36.8
12011	FL	Broward	33.3
12013	FL	Calhoun	54.1
12015	FL	Charlotte	36.8
12017	FL	Citrus	44.1
12019	FL	Clay	37.0
12021	FL	Collier	34.1
12023	FL	Columbia	49.4
12027	FL	De Soto	64.2
12029	FL	Dixie	61.1
12031	FL	Duval	39.2
12033	FL	Escambia	39.1
12035	FL	Flagler	35.1
12037	FL	Franklin	52.9
12039	FL	Gadsden	55.8
12041	FL	Gilchrist	57.4
12043	FL	Glades	56.2
12045	FL	Gulf	43.5
12047	FL	Hamilton	71.5

12049	FL	Hardee	63.2
12051	FL	Hendry	66.2
12053	FL	Hernando	43.7
12055	FL	Highlands	45.2
12057	FL	Hillsborough	37.8
12059	FL	Holmes	65.1
12061	FL	Indian River	36.4
12063	FL	Jackson	56.8
12065	FL	Jefferson	51.4
12067	FL	Lafayette	68.6
12069	FL	Lake	38.2
12071	FL	Lee	38.9
12073	FL	Leon	36.0
12075	FL	Levy	55.8
12077	FL	Liberty	50.9
12079	FL	Madison	59.8
12081	FL	Manatee	38.4
12083	FL	Marion	44.9
12085	FL	Martin	33.3
12086	FL	Miami-Da	38.7
12087	FL	Monroe	30.9
12089	FL	Nassau	40.2
12091	FL	Okaloosa	38.6
12093	FL	Okeechobee	63.3
12095	FL	Orange	37.3
12097	FL	Osceola	42.8
12099	FL	Palm Beach	35.0
12101	FL	Pasco	39.4
12103	FL	Pinellas	35.4
12105	FL	Polk	45.7
12107	FL	Putnam	62.1
12109	FL	St Johns	30.1
12111	FL	St Lucie	43.8
12113	FL	Santa Rosa	40.4
12115	FL	Sarasota	30.3
12117	FL	Seminole	31.3
12119	FL	Sumter	34.3
12121	FL	Suwannee	62.7
12123	FL	Taylor	51.2
12125	FL	Union	68.1
12127	FL	Volusia	39.9
12129	FL	Wakulla	43.4
12131	FL	Walton	44.0
12133	FL	Washington	60.1

13001	GA	Appling	62.2
13003	GA	Atkinson	86.6
13005	GA	Bacon	57.1
13009	GA	Baldwin	55.5
13011	GA	Banks	55.0
13013	GA	Barrow	50.5
13015	GA	Bartow	50.2
13017	GA	Ben Hill	74.4
13019	GA	Berrien	66.8
13021	GA	Bibb	56.2
13023	GA	Bleckley	54.8
13025	GA	Brantley	64.7
13027	GA	Brooks	65.2
13029	GA	Bryan	42.4
13031	GA	Bulloch	56.2
13033	GA	Burke	68.3
13035	GA	Butts	62.6
13037	GA	Calhoun	73.0
13039	GA	Camden	42.6
13043	GA	Candler	77.9
13045	GA	Carroll	53.4
13047	GA	Catoosa	52.0
13049	GA	Charlton	53.2
13051	GA	Chatham	42.0
13053	GA	Chattahoochee	41.7
13055	GA	Chattooga	68.4
13057	GA	Cherokee	40.8
13059	GA	Clarke	54.8
13061	GA	Clay	66.7
13063	GA	Clayton	54.5
13065	GA	Clinch	89.0
13067	GA	Cobb	34.9
13069	GA	Coffee	62.2
13071	GA	Colquitt	68.9
13073	GA	Columbia	33.5
13075	GA	Cook	71.1
13077	GA	Coweta	42.8
13079	GA	Crawford	53.3
13081	GA	Crisp	66.7
13083	GA	Dade	56.6
13085	GA	Dawson	47.2
13087	GA	Decatur	65.6
13089	GA	De Kalb	36.7
13091	GA	Dodge	65.4

13093	GA	Dooly	77.1
13095	GA	Dougherty	60.9
13097	GA	Douglas	44.0
13099	GA	Early	61.0
13101	GA	Echols	69.2
13103	GA	Effingham	46.2
13105	GA	Elbert	63.5
13107	GA	Emanuel	64.1
13109	GA	Evans	67.9
13111	GA	Fannin	57.7
13113	GA	Fayette	29.5
13115	GA	Floyd	53.6
13117	GA	Forsyth	34.0
13119	GA	Franklin	65.3
13121	GA	Fulton	34.1
13123	GA	Gilmer	56.1
13125	GA	Glascok	53.5
13127	GA	Glynn	46.5
13129	GA	Gordon	62.3
13131	GA	Grady	74.7
13133	GA	Greene	49.5
13135	GA	Gwinnett	37.5
13137	GA	Habersham	55.0
13139	GA	Hall	51.6
13141	GA	Hancock	73.5
13143	GA	Haralson	61.8
13145	GA	Harris	35.9
13147	GA	Hart	61.0
13149	GA	Heard	67.2
13151	GA	Henry	38.7
13153	GA	Houston	49.2
13155	GA	Irwin	60.4
13157	GA	Jackson	49.7
13159	GA	Jasper	51.9
13161	GA	Jeff Davis	63.8
13163	GA	Jefferson	71.3
13165	GA	Jenkins	83.9
13167	GA	Johnson	66.1
13169	GA	Jones	46.9
13171	GA	Lamar	52.5
13173	GA	Lanier	68.0
13175	GA	Laurens	60.7
13177	GA	Lee	47.2
13179	GA	Liberty	47.5

13181	GA	Lincoln	60.3
13183	GA	Long	55.9
13185	GA	Lowndes	56.2
13187	GA	Lumpkin	50.2
13189	GA	McDuffie	64.1
13191	GA	McIntosh	55.7
13193	GA	Macon	78.4
13195	GA	Madison	59.9
13197	GA	Marion	63.9
13199	GA	Meriwether	55.6
13201	GA	Miller	61.5
13205	GA	Mitchell	64.1
13207	GA	Monroe	46.1
13209	GA	Montgomery	73.8
13211	GA	Morgan	47.6
13213	GA	Murray	80.8
13215	GA	Muscogee	46.6
13217	GA	Newton	47.2
13219	GA	Oconee	32.5
13223	GA	Paulding	44.3
13225	GA	Peach	54.2
13227	GA	Pickens	46.1
13229	GA	Pierce	67.4
13231	GA	Pike	46.3
13233	GA	Polk	61.2
13235	GA	Pulaski	59.0
13237	GA	Putnam	42.3
13241	GA	Rabun	51.8
13243	GA	Randolph	67.6
13245	GA	Richmond	53.2
13247	GA	Rockdale	41.0
13249	GA	Schley	68.4
13251	GA	Screven	58.8
13253	GA	Seminole	50.2
13255	GA	Spalding	58.0
13257	GA	Stephens	54.3
13259	GA	Stewart	87.3
13261	GA	Sumter	69.0
13263	GA	Talbot	51.4
13265	GA	Taliaferro	53.9
13267	GA	Tattnall	71.2
13269	GA	Taylor	92.2
13271	GA	Telfair	67.6
13273	GA	Terrell	82.7

13275	GA	Thomas	56.8
13277	GA	Tift	62.3
13279	GA	Toombs	58.7
13281	GA	Towns	45.6
13283	GA	Treutlen	59.3
13285	GA	Troup	52.0
13287	GA	Turner	64.9
13289	GA	Twiggs	71.1
13291	GA	Union	43.4
13293	GA	Upson	61.2
13295	GA	Walker	60.0
13297	GA	Walton	48.1
13299	GA	Ware	63.9
13303	GA	Washington	58.3
13305	GA	Wayne	57.6
13309	GA	Wheeler	71.8
13311	GA	White	52.4
13313	GA	Whitfield	59.3
13315	GA	Wilcox	62.4
13317	GA	Wilkes	59.0
13319	GA	Wilkinson	48.8
13321	GA	Worth	63.7
16001	ID	Ada	32.3
16003	ID	Adams	35.5
16005	ID	Bannock	42.7
16007	ID	Bear Lake	35.1
16009	ID	Benewah	41.2
16011	ID	Bingham	41.8
16013	ID	Blaine	29.9
16015	ID	Boise	36.4
16017	ID	Bonner	35.6
16019	ID	Bonneville	39.5
16021	ID	Boundary	36.9
16027	ID	Canyon	49.1
16029	ID	Caribou	29.1
16031	ID	Cassia	46.0
16035	ID	Clearwater	30.7
16037	ID	Custer	45.6
16039	ID	Elmore	39.5
16041	ID	Franklin	44.6
16043	ID	Fremont	37.9
16045	ID	Gem	44.5
16047	ID	Gooding	44.3
16049	ID	Idaho	36.4

16051	ID	Jefferson	41.1
16053	ID	Jerome	50.9
16055	ID	Kootenai	33.4
16057	ID	Latah	31.0
16059	ID	Lemhi	34.3
16061	ID	Lewis	39.7
16063	ID	Lincoln	38.3
16065	ID	Madison	65.6
16067	ID	Minidoka	45.5
16069	ID	Nez Perce	31.6
16071	ID	Oneida	43.8
16073	ID	Owyhee	56.1
16075	ID	Payette	49.9
16077	ID	Power	46.8
16079	ID	Shoshone	42.4
16081	ID	Teton	31.9
16083	ID	Twin Falls	42.7
16085	ID	Valley	28.9
16087	ID	Washington	46.7
17001	IL	Adams	40.6
17003	IL	Alexander	66.2
17005	IL	Bond	42.6
17007	IL	Boone	43.6
17009	IL	Brown	44.0
17011	IL	Bureau	41.3
17015	IL	Carroll	43.5
17017	IL	Cass	46.1
17019	IL	Champaign	35.3
17021	IL	Christian	46.5
17023	IL	Clark	47.1
17025	IL	Clay	48.4
17027	IL	Clinton	35.2
17029	IL	Coles	46.9
17031	IL	Cook	37.2
17033	IL	Crawford	41.9
17035	IL	Cumberland	49.6
17037	IL	De Kalb	43.5
17039	IL	De Witt	41.8
17041	IL	Douglas	44.0
17043	IL	Du Page	27.5
17045	IL	Edgar	48.5
17047	IL	Edwards	52.1
17049	IL	Effingham	38.6
17051	IL	Fayette	49.7

17053	IL	Ford	39.8
17055	IL	Franklin	51.0
17057	IL	Fulton	45.2
17059	IL	Gallatin	47.4
17061	IL	Greene	47.9
17063	IL	Grundy	40.7
17065	IL	Hamilton	46.4
17067	IL	Hancock	45.6
17069	IL	Hardin	49.6
17071	IL	Henderson	42.4
17073	IL	Henry	40.7
17075	IL	Iroquois	48.5
17077	IL	Jackson	41.6
17079	IL	Jasper	42.0
17081	IL	Jefferson	45.4
17083	IL	Jersey	34.8
17085	IL	Jo Daviess	34.6
17087	IL	Johnson	47.7
17089	IL	Kane	39.3
17091	IL	Kankakee	45.7
17093	IL	Kendall	32.2
17095	IL	Knox	46.7
17097	IL	Lake	32.2
17099	IL	La Salle	42.9
17101	IL	Lawrence	52.4
17103	IL	Lee	37.5
17105	IL	Livingston	41.3
17107	IL	Logan	47.6
17109	IL	McDonough	45.1
17111	IL	McHenry	33.7
17113	IL	McLean	34.3
17115	IL	Macon	43.9
17117	IL	Macoupin	41.5
17119	IL	Madison	38.9
17121	IL	Marion	50.7
17123	IL	Marshall	38.9
17125	IL	Mason	48.3
17127	IL	Massac	55.0
17129	IL	Menard	36.8
17131	IL	Mercer	41.1
17133	IL	Monroe	30.9
17135	IL	Montgomery	45.9
17137	IL	Morgan	41.9
17139	IL	Moultrie	46.9

17141	IL	Ogle	39.8
17143	IL	Peoria	38.2
17145	IL	Perry	43.2
17147	IL	Piatt	32.4
17149	IL	Pike	43.0
17151	IL	Pope	42.7
17153	IL	Pulaski	51.1
17155	IL	Putnam	38.6
17157	IL	Randolph	39.8
17159	IL	Richland	51.8
17161	IL	Rock Island	42.9
17163	IL	St Clair	42.9
17165	IL	Saline	55.9
17167	IL	Sangamon	37.9
17169	IL	Schuyler	42.9
17171	IL	Scott	43.2
17173	IL	Shelby	39.9
17175	IL	Stark	40.2
17177	IL	Stephenson	43.4
17179	IL	Tazewell	38.0
17181	IL	Union	49.1
17183	IL	Vermilion	48.8
17185	IL	Wabash	44.6
17187	IL	Warren	42.7
17189	IL	Washington	42.5
17191	IL	Wayne	47.6
17193	IL	White	45.5
17195	IL	Whiteside	39.9
17197	IL	Will	34.1
17199	IL	Williamson	43.0
17201	IL	Winnebago	44.2
17203	IL	Woodford	36.3
18001	IN	Adams	47.5
18003	IN	Allen	42.8
18005	IN	Bartholomew	39.7
18007	IN	Benton	49.3
18009	IN	Blackford	45.5
18011	IN	Boone	23.8
18013	IN	Brown	38.8
18015	IN	Carroll	42.6
18017	IN	Cass	50.8
18019	IN	Clark	40.5
18021	IN	Clay	47.2
18023	IN	Clinton	46.8

18025	IN	Crawford	53.5
18027	IN	Daviess	53.6
18029	IN	Dearborn	38.6
18031	IN	Decatur	46.5
18033	IN	De Kalb	45.5
18035	IN	Delaware	45.3
18037	IN	Dubois	38.9
18039	IN	Elkhart	50.0
18041	IN	Fayette	63.1
18043	IN	Floyd	45.4
18045	IN	Fountain	43.5
18047	IN	Franklin	40.2
18049	IN	Fulton	46.0
18051	IN	Gibson	41.4
18053	IN	Grant	53.1
18055	IN	Greene	47.5
18057	IN	Hamilton	24.0
18059	IN	Hancock	34.5
18061	IN	Harrison	45.7
18063	IN	Hendricks	31.3
18065	IN	Henry	52.5
18067	IN	Howard	49.6
18069	IN	Huntington	41.5
18071	IN	Jackson	45.7
18073	IN	Jasper	39.7
18075	IN	Jay	48.5
18077	IN	Jefferson	43.7
18079	IN	Jennings	51.7
18081	IN	Johnson	37.8
18083	IN	Knox	44.3
18085	IN	Kosciusko	42.0
18087	IN	La Grange	58.3
18089	IN	Lake	44.6
18091	IN	La Porte	48.7
18093	IN	Lawrence	47.8
18095	IN	Madison	46.6
18097	IN	Marion	47.4
18099	IN	Marshall	47.1
18101	IN	Martin	48.2
18103	IN	Miami	47.0
18105	IN	Monroe	41.6
18107	IN	Montgomery	45.8
18109	IN	Morgan	44.8
18111	IN	Newton	48.1

18113	IN	Noble	47.0
18115	IN	Ohio	37.1
18117	IN	Orange	51.3
18119	IN	Owen	52.0
18121	IN	Parke	46.5
18123	IN	Perry	47.1
18125	IN	Pike	43.5
18127	IN	Porter	39.4
18129	IN	Posey	38.8
18131	IN	Pulaski	48.4
18133	IN	Putnam	43.6
18135	IN	Randolph	50.0
18137	IN	Ripley	40.2
18139	IN	Rush	53.0
18141	IN	St Joseph	44.2
18143	IN	Scott	57.2
18145	IN	Shelby	44.2
18147	IN	Spencer	47.2
18149	IN	Starke	48.2
18151	IN	Steuben	39.9
18153	IN	Sullivan	50.2
18155	IN	Switzerland	55.0
18157	IN	Tippecanoe	40.9
18159	IN	Tipton	46.1
18161	IN	Union	44.8
18163	IN	Vanderburgh	43.8
18165	IN	Vermillion	42.3
18167	IN	Vigo	47.0
18169	IN	Wabash	47.3
18171	IN	Warren	36.8
18173	IN	Warrick	33.7
18175	IN	Washington	49.4
18177	IN	Wayne	54.1
18179	IN	Wells	40.1
18181	IN	White	38.5
18183	IN	Whitley	37.4
19001	IA	Adair	35.5
19003	IA	Adams	35.5
19005	IA	Allamakee	30.9
19007	IA	Appanoose	39.2
19009	IA	Audubon	37.6
19011	IA	Benton	34.4
19013	IA	Black Hawk	33.2
19015	IA	Boone	32.3

19017	IA	Bremer	27.6
19019	IA	Buchanan	34.4
19021	IA	Buena Vista	41.8
19023	IA	Butler	30.9
19025	IA	Calhoun	38.6
19027	IA	Carroll	34.5
19029	IA	Cass	38.7
19031	IA	Cedar	31.0
19033	IA	Cerro Gordo	29.4
19035	IA	Cherokee	37.5
19037	IA	Chickasaw	32.6
19039	IA	Clarke	44.8
19041	IA	Clay	35.7
19043	IA	Clayton	34.6
19045	IA	Clinton	38.7
19047	IA	Crawford	50.8
19049	IA	Dallas	28.8
19051	IA	Davis	48.3
19053	IA	Decatur	55.6
19055	IA	Delaware	32.5
19057	IA	Des Moines	40.7
19059	IA	Dickinson	25.4
19061	IA	Dubuque	33.6
19063	IA	Emmet	32.0
19065	IA	Fayette	34.9
19067	IA	Floyd	38.1
19069	IA	Franklin	40.7
19071	IA	Fremont	37.4
19073	IA	Greene	43.9
19075	IA	Grundy	25.1
19077	IA	Guthrie	38.3
19079	IA	Hamilton	35.7
19081	IA	Hancock	30.6
19083	IA	Hardin	32.6
19085	IA	Harrison	38.2
19087	IA	Henry	35.2
19089	IA	Howard	36.2
19091	IA	Humboldt	37.7
19093	IA	Ida	37.1
19095	IA	Iowa	27.9
19097	IA	Jackson	35.8
19099	IA	Jasper	36.9
19101	IA	Jefferson	30.3
19103	IA	Johnson	22.5

19105	IA	Jones	29.5
19107	IA	Keokuk	38.3
19109	IA	Kossuth	29.0
19111	IA	Lee	37.7
19113	IA	Linn	30.0
19115	IA	Louisa	39.6
19117	IA	Lucas	40.9
19119	IA	Lyon	32.8
19121	IA	Madison	29.1
19123	IA	Mahaska	40.0
19125	IA	Marion	34.1
19127	IA	Marshall	39.1
19129	IA	Mills	31.1
19131	IA	Mitchell	31.5
19133	IA	Monona	38.6
19135	IA	Monroe	41.4
19137	IA	Montgomery	47.3
19139	IA	Muscatine	40.8
19141	IA	O'Brien	28.9
19143	IA	Osceola	31.5
19145	IA	Page	40.5
19147	IA	Palo Alto	31.2
19149	IA	Plymouth	31.3
19151	IA	Pocahontas	39.1
19153	IA	Polk	34.8
19155	IA	Pottawattamie	42.3
19157	IA	Poweshiek	31.3
19159	IA	Ringgold	36.6
19161	IA	Sac	29.6
19163	IA	Scott	32.2
19165	IA	Shelby	35.7
19167	IA	Sioux	30.0
19169	IA	Story	31.0
19171	IA	Tama	34.2
19173	IA	Taylor	39.8
19175	IA	Union	37.6
19177	IA	Van Buren	33.4
19179	IA	Wapello	44.6
19181	IA	Warren	33.7
19183	IA	Washington	31.2
19185	IA	Wayne	35.4
19187	IA	Webster	44.7
19189	IA	Winnebago	31.6
19191	IA	Winneshiek	26.4

19193	IA	Woodbury	40.6
19195	IA	Worth	38.7
19197	IA	Wright	34.9
20001	KS	Allen	39.6
20003	KS	Anderson	43.0
20005	KS	Atchison	46.2
20007	KS	Barber	33.6
20009	KS	Barton	39.2
20011	KS	Bourbon	43.4
20013	KS	Brown	34.5
20015	KS	Butler	35.4
20017	KS	Chase	32.8
20019	KS	Chautauqua	51.3
20021	KS	Cherokee	43.7
20023	KS	Cheyenne	23.3
20025	KS	Clark	31.6
20027	KS	Clay	27.2
20029	KS	Cloud	39.4
20031	KS	Coffey	31.4
20033	KS	Comanche	24.4
20035	KS	Cowley	39.5
20037	KS	Crawford	39.5
20039	KS	Decatur	32.5
20041	KS	Dickinson	35.1
20043	KS	Doniphan	40.2
20045	KS	Douglas	32.6
20047	KS	Edwards	38.1
20049	KS	Elk	41.0
20051	KS	Ellis	33.1
20053	KS	Ellsworth	32.5
20055	KS	Finney	45.3
20057	KS	Ford	46.6
20059	KS	Franklin	37.9
20061	KS	Geary	35.5
20063	KS	Gove	24.4
20065	KS	Graham	31.1
20067	KS	Grant	37.2
20069	KS	Gray	38.6
20073	KS	Greenwood	37.5
20075	KS	Hamilton	40.1
20077	KS	Harper	37.9
20079	KS	Harvey	33.4
20081	KS	Haskell	42.7
20085	KS	Jackson	29.5

20087	KS	Jefferson	33.2
20089	KS	Jewell	29.5
20091	KS	Johnson	23.7
20095	KS	Kingman	35.8
20097	KS	Kiowa	37.1
20099	KS	Labette	38.3
20103	KS	Leavenworth	37.0
20105	KS	Lincoln	30.9
20107	KS	Linn	42.7
20109	KS	Logan	28.8
20111	KS	Lyon	41.9
20113	KS	McPherson	27.6
20115	KS	Marion	34.4
20117	KS	Marshall	32.0
20119	KS	Meade	36.3
20121	KS	Miami	33.8
20123	KS	Mitchell	27.2
20125	KS	Montgomery	49.7
20127	KS	Morris	32.2
20129	KS	Morton	33.9
20131	KS	Nemaha	29.8
20133	KS	Neosho	40.7
20137	KS	Norton	31.5
20139	KS	Osage	39.7
20141	KS	Osborne	34.4
20143	KS	Ottawa	29.9
20145	KS	Pawnee	27.6
20147	KS	Phillips	30.0
20149	KS	Pottawatomie	30.7
20151	KS	Pratt	33.2
20153	KS	Rawlins	28.9
20155	KS	Reno	39.8
20157	KS	Republic	28.9
20159	KS	Rice	40.8
20161	KS	Riley	28.9
20163	KS	Rooks	31.4
20165	KS	Rush	34.9
20167	KS	Russell	39.2
20169	KS	Saline	42.8
20171	KS	Scott	25.7
20173	KS	Sedgwick	35.7
20175	KS	Seward	50.0
20177	KS	Shawnee	40.0
20179	KS	Sheridan	31.6

20181	KS	Sherman	42.0
20183	KS	Smith	25.0
20185	KS	Stafford	32.5
20189	KS	Stevens	38.9
20191	KS	Sumner	35.1
20193	KS	Thomas	27.6
20195	KS	Trego	28.2
20197	KS	Wabaunsee	28.8
20201	KS	Washington	29.4
20203	KS	Wichita	32.0
20205	KS	Wilson	42.8
20207	KS	Woodson	48.0
20209	KS	Wyandotte	53.3
21001	KY	Adair	58.8
21003	KY	Allen	58.4
21005	KY	Anderson	46.9
21007	KY	Ballard	48.8
21009	KY	Barren	54.7
21011	KY	Bath	66.1
21013	KY	Bell	87.8
21015	KY	Boone	36.9
21017	KY	Bourbon	49.3
21019	KY	Boyd	52.9
21021	KY	Boyle	45.0
21023	KY	Bracken	55.4
21025	KY	Breathitt	77.9
21027	KY	Breckinridge	53.0
21029	KY	Bullitt	48.9
21031	KY	Butler	71.5
21033	KY	Caldwell	53.1
21035	KY	Calloway	46.4
21037	KY	Campbell	43.1
21039	KY	Carlisle	53.7
21041	KY	Carroll	68.5
21043	KY	Carter	56.0
21045	KY	Casey	67.3
21047	KY	Christian	49.3
21049	KY	Clark	51.3
21051	KY	Clay	95.1
21053	KY	Clinton	67.6
21055	KY	Crittenden	60.6
21057	KY	Cumberland	65.0
21059	KY	Daviess	45.5
21061	KY	Edmonson	56.7

21063	KY	Elliott	76.3
21065	KY	Estill	75.1
21067	KY	Fayette	38.1
21069	KY	Fleming	65.5
21071	KY	Floyd	72.6
21073	KY	Franklin	47.6
21075	KY	Fulton	62.3
21077	KY	Gallatin	52.6
21079	KY	Garrard	58.4
21081	KY	Grant	56.9
21083	KY	Graves	48.3
21085	KY	Grayson	67.8
21087	KY	Green	64.5
21089	KY	Greenup	55.8
21091	KY	Hancock	61.3
21093	KY	Hardin	42.2
21095	KY	Harlan	84.5
21097	KY	Harrison	60.7
21099	KY	Hart	67.0
21101	KY	Henderson	49.8
21103	KY	Henry	56.9
21107	KY	Hopkins	46.3
21109	KY	Jackson	90.2
21111	KY	Jefferson	39.0
21113	KY	Jessamine	53.0
21115	KY	Johnson	68.3
21117	KY	Kenton	43.3
21119	KY	Knott	81.0
21121	KY	Knox	80.2
21123	KY	Larue	56.5
21125	KY	Laurel	64.9
21127	KY	Lawrence	64.7
21129	KY	Lee	82.2
21131	KY	Leslie	76.8
21133	KY	Letcher	79.3
21135	KY	Lewis	76.1
21137	KY	Lincoln	68.2
21139	KY	Livingston	47.5
21141	KY	Logan	55.0
21143	KY	Lyon	37.1
21145	KY	McCracken	44.3
21147	KY	McCreary	90.0
21149	KY	McLean	57.0
21151	KY	Madison	52.2

21153	KY	Magoffin	86.8
21155	KY	Marion	57.3
21157	KY	Marshall	39.3
21159	KY	Martin	100.0
21161	KY	Mason	47.2
21163	KY	Meade	51.1
21165	KY	Menifee	78.0
21167	KY	Mercer	53.0
21169	KY	Metcalf	58.8
21171	KY	Monroe	67.4
21173	KY	Montgomery	62.9
21175	KY	Morgan	67.2
21177	KY	Muhlenberg	57.7
21179	KY	Nelson	47.9
21181	KY	Nicholas	54.5
21183	KY	Ohio	61.8
21185	KY	Oldham	35.1
21187	KY	Owen	55.2
21191	KY	Pendleton	51.5
21193	KY	Perry	66.3
21195	KY	Pike	64.8
21197	KY	Powell	79.7
21199	KY	Pulaski	62.2
21203	KY	Rockcastle	68.0
21205	KY	Rowan	61.2
21207	KY	Russell	65.3
21209	KY	Scott	40.9
21211	KY	Shelby	42.2
21213	KY	Simpson	53.8
21215	KY	Spencer	75.8
21217	KY	Taylor	60.8
21219	KY	Todd	54.7
21221	KY	Trigg	48.5
21223	KY	Trimble	58.6
21225	KY	Union	55.7
21227	KY	Warren	45.5
21229	KY	Washington	58.7
21231	KY	Wayne	78.1
21233	KY	Webster	53.9
21235	KY	Whitley	65.4
21237	KY	Wolfe	93.7
21239	KY	Woodford	38.5
22001	LA	Acadia	62.7
22003	LA	Allen	52.9

22005	LA	Ascension	44.6
22007	LA	Assumption	53.2
22009	LA	Avoyelles	65.7
22011	LA	Beauregard	58.1
22013	LA	Bienville	66.7
22015	LA	Bossier	45.7
22017	LA	Caddo	46.7
22019	LA	Calcasieu	50.3
22021	LA	Caldwell	60.4
22023	LA	Cameron	49.7
22025	LA	Catahoula	67.2
22027	LA	Claiborne	66.6
22029	LA	Concordia	71.4
22031	LA	De Soto	55.8
22033	LA	East Baton Rouge	38.3
22035	LA	East Carroll	90.1
22037	LA	East Feliciana	60.6
22039	LA	Evangeline	66.5
22041	LA	Franklin	74.9
22045	LA	Iberia	56.3
22047	LA	Iberville	51.7
22049	LA	Jackson	68.3
22051	LA	Jefferson	42.1
22053	LA	Jefferson Davis	64.3
22055	LA	Lafayette	41.5
22057	LA	Lafourche	53.7
22059	LA	La Salle	72.4
22061	LA	Lincoln	54.8
22063	LA	Livingston	53.2
22065	LA	Madison	77.5
22067	LA	Morehouse	67.6
22069	LA	Natchitoches	57.2
22071	LA	Orleans	44.1
22073	LA	Ouachita	53.7
22075	LA	Plaquemines	51.2
22077	LA	Pointe Coupee	47.9
22079	LA	Rapides	53.4
22081	LA	Red River	62.2
22083	LA	Richland	54.9
22085	LA	Sabine	57.8
22087	LA	St Bernard	55.6
22089	LA	St Charles	41.1
22091	LA	St Helena	50.9
22093	LA	St James	45.6

22095	LA	St John the Baptist	51.9
22097	LA	St Landry	65.3
22099	LA	St Martin	51.3
22101	LA	St Mary	59.1
22103	LA	St Tammany	38.8
22105	LA	Tangipahoa	55.9
22107	LA	Tensas	62.8
22109	LA	Terrebonne	56.4
22111	LA	Union	65.7
22113	LA	Vermilion	55.2
22115	LA	Vernon	49.3
22117	LA	Washington	64.2
22119	LA	Webster	59.4
22121	LA	West Baton Rouge	51.0
22125	LA	West Feliciana	42.9
22127	LA	Winn	68.4
23001	ME	Androscoggin	40.8
23003	ME	Aroostook	43.2
23005	ME	Cumberland	26.3
23007	ME	Franklin	32.4
23009	ME	Hancock	28.6
23011	ME	Kennebec	34.4
23013	ME	Knox	31.4
23015	ME	Lincoln	31.1
23017	ME	Oxford	39.2
23019	ME	Penobscot	36.5
23021	ME	Piscataquis	40.8
23023	ME	Sagadahoc	34.3
23025	ME	Somerset	44.5
23027	ME	Waldo	37.3
23029	ME	Washington	43.8
23031	ME	York	31.1
24001	MD	Allegany	39.1
24003	MD	Anne Arundel	30.3
24005	MD	Baltimore	32.9
24009	MD	Calvert	22.0
24011	MD	Caroline	52.1
24013	MD	Carroll	33.7
24015	MD	Cecil	40.5
24017	MD	Charles	24.1
24019	MD	Dorchester	44.4
24021	MD	Frederick	23.6
24023	MD	Garrett	44.0
24025	MD	Harford	35.5

24027	MD	Howard	19.5
24029	MD	Kent	32.5
24031	MD	Montgomery	14.6
24033	MD	Prince Georges	25.2
24035	MD	Queen Annes	37.3
24037	MD	St Marys	28.7
24039	MD	Somerset	50.2
24041	MD	Talbot	34.9
24043	MD	Washington	36.1
24045	MD	Wicomico	34.5
24047	MD	Worcester	27.4
24510	MD	Baltimore City	47.1
25001	MA	Barnstable	32.2
25003	MA	Berkshire	39.3
25005	MA	Bristol	49.1
25007	MA	Dukes	36.7
25009	MA	Essex	39.6
25011	MA	Franklin	31.3
25013	MA	Hampden	42.3
25015	MA	Hampshire	24.5
25017	MA	Middlesex	32.1
25019	MA	Nantucket	32.4
25021	MA	Norfolk	29.5
25023	MA	Plymouth	37.3
25025	MA	Suffolk	43.8
25027	MA	Worcester	40.0
26001	MI	Alcona	46.3
26003	MI	Alger	41.2
26005	MI	Allegan	45.0
26007	MI	Alpena	49.3
26009	MI	Antrim	45.5
26011	MI	Arenac	58.2
26013	MI	Baraga	50.5
26015	MI	Barry	40.3
26017	MI	Bay	49.6
26019	MI	Benzie	39.5
26021	MI	Berrien	44.9
26023	MI	Branch	50.0
26025	MI	Calhoun	48.6
26027	MI	Cass	47.2
26029	MI	Charlevoix	39.8
26031	MI	Cheboygan	50.4
26033	MI	Chippewa	46.6
26035	MI	Clare	64.1

26037	MI	Clinton	40.2
26039	MI	Crawford	48.1
26041	MI	Delta	46.6
26043	MI	Dickinson	40.0
26045	MI	Eaton	40.6
26047	MI	Emmet	34.1
26049	MI	Genesee	50.1
26051	MI	Gladwin	55.4
26053	MI	Gogebic	43.7
26055	MI	Grand Traverse	34.2
26057	MI	Gratiot	53.2
26059	MI	Hillsdale	54.0
26061	MI	Houghton	42.2
26063	MI	Huron	46.8
26065	MI	Ingham	43.5
26067	MI	Ionia	49.0
26069	MI	Iosco	50.3
26071	MI	Iron	43.5
26073	MI	Isabella	50.1
26075	MI	Jackson	48.7
26077	MI	Kalamazoo	40.6
26079	MI	Kalkaska	51.0
26081	MI	Kent	41.0
26085	MI	Lake	63.1
26087	MI	Lapeer	42.4
26089	MI	Leelanau	35.2
26091	MI	Lenawee	45.3
26093	MI	Livingston	35.3
26095	MI	Luce	45.7
26097	MI	Mackinac	45.7
26099	MI	Macomb	44.6
26101	MI	Manistee	44.1
26103	MI	Marquette	40.3
26105	MI	Mason	46.4
26107	MI	Mecosta	50.1
26109	MI	Menominee	46.2
26111	MI	Midland	41.5
26113	MI	Missaukee	53.1
26115	MI	Monroe	43.9
26117	MI	Montcalm	50.7
26119	MI	Montmorency	45.2
26121	MI	Muskegon	50.3
26123	MI	Newaygo	55.1
26125	MI	Oakland	31.4

26127	MI	Oceana	50.9
26129	MI	Ogemaw	58.8
26131	MI	Ontonagon	42.7
26133	MI	Osceola	56.9
26135	MI	Oscoda	55.9
26137	MI	Otsego	43.7
26139	MI	Ottawa	38.2
26141	MI	Presque Isle	47.2
26143	MI	Roscommon	54.7
26145	MI	Saginaw	46.8
26147	MI	St Clair	45.9
26149	MI	St Joseph	51.5
26151	MI	Sanilac	47.3
26153	MI	Schoolcraft	52.8
26155	MI	Shiawassee	48.5
26157	MI	Tuscola	49.8
26159	MI	Van Buren	50.2
26161	MI	Washtenaw	29.1
26163	MI	Wayne	53.3
26165	MI	Wexford	48.0
27001	MN	Aitkin	32.7
27003	MN	Anoka	34.1
27005	MN	Becker	33.9
27007	MN	Beltrami	40.2
27009	MN	Benton	41.9
27011	MN	Big Stone	34.2
27013	MN	Blue Earth	34.1
27015	MN	Brown	30.6
27017	MN	Carlton	32.1
27019	MN	Carver	27.4
27021	MN	Cass	39.4
27023	MN	Chippewa	37.5
27025	MN	Chisago	30.6
27027	MN	Clay	36.3
27029	MN	Clearwater	41.3
27031	MN	Cook	20.5
27033	MN	Cottonwood	36.3
27035	MN	Crow Wing	33.7
27037	MN	Dakota	29.8
27039	MN	Dodge	33.8
27041	MN	Douglas	25.6
27043	MN	Faribault	34.1
27045	MN	Fillmore	33.4
27047	MN	Freeborn	35.7

27049	MN	Goodhue	33.3
27051	MN	Grant	29.9
27053	MN	Hennepin	29.5
27055	MN	Houston	30.6
27057	MN	Hubbard	29.8
27059	MN	Isanti	32.5
27061	MN	Itasca	33.0
27063	MN	Jackson	36.8
27065	MN	Kanabec	41.1
27067	MN	Kandiyohi	34.5
27069	MN	Kittson	30.2
27071	MN	Koochiching	39.4
27073	MN	Lac qui Parle	24.1
27075	MN	Lake	28.7
27077	MN	Lake of the Woods	29.5
27079	MN	Le Sueur	34.0
27081	MN	Lincoln	27.0
27083	MN	Lyon	32.3
27085	MN	McLeod	35.2
27087	MN	Mahnomen	56.7
27089	MN	Marshall	30.0
27091	MN	Martin	40.5
27093	MN	Meeker	34.8
27095	MN	Mille Lacs	38.3
27097	MN	Morrison	36.1
27099	MN	Mower	36.9
27101	MN	Murray	32.5
27103	MN	Nicollet	35.6
27105	MN	Nobles	37.8
27109	MN	Olmsted	18.8
27111	MN	Otter Tail	32.7
27113	MN	Pennington	29.1
27115	MN	Pine	43.3
27117	MN	Pipestone	39.1
27119	MN	Polk	33.2
27121	MN	Pope	27.2
27123	MN	Ramsey	35.3
27125	MN	Red Lake	30.8
27127	MN	Redwood	37.1
27129	MN	Renville	36.7
27131	MN	Rice	36.0
27133	MN	Rock	34.1
27135	MN	Roseau	33.6
27137	MN	St Louis	31.7

27139	MN	Scott	30.8
27141	MN	Sherburne	35.3
27143	MN	Sibley	37.9
27145	MN	Stearns	32.4
27147	MN	Steele	36.1
27149	MN	Stevens	25.6
27151	MN	Swift	37.1
27153	MN	Todd	38.8
27155	MN	Traverse	40.4
27157	MN	Wabasha	30.0
27159	MN	Wadena	42.8
27161	MN	Waseca	34.9
27163	MN	Washington	24.6
27165	MN	Watonwan	35.6
27167	MN	Wilkin	37.2
27169	MN	Winona	34.1
27171	MN	Wright	32.0
27173	MN	Yellow Medicine	36.3
28001	MS	Adams	58.5
28003	MS	Alcorn	53.6
28005	MS	Amite	60.1
28007	MS	Attala	57.6
28011	MS	Bolivar	67.6
28013	MS	Calhoun	60.4
28015	MS	Carroll	45.6
28017	MS	Chickasaw	63.4
28019	MS	Choctaw	59.9
28023	MS	Clarke	49.4
28025	MS	Clay	53.8
28027	MS	Coahoma	61.4
28029	MS	Copiah	56.5
28031	MS	Covington	59.7
28033	MS	De Soto	36.2
28035	MS	Forrest	53.5
28037	MS	Franklin	59.9
28039	MS	George	53.4
28041	MS	Greene	48.1
28043	MS	Grenada	56.6
28045	MS	Hancock	57.1
28047	MS	Harrison	48.3
28049	MS	Hinds	49.1
28051	MS	Holmes	78.6
28053	MS	Humphreys	79.7
28057	MS	Itawamba	53.0

28059	MS	Jackson	39.7
28061	MS	Jasper	54.9
28065	MS	Jefferson Davis	67.2
28067	MS	Jones	58.4
28069	MS	Kemper	53.9
28071	MS	Lafayette	40.8
28073	MS	Lamar	35.8
28075	MS	Lauderdale	47.6
28077	MS	Lawrence	64.2
28079	MS	Leake	60.9
28081	MS	Lee	46.5
28083	MS	Leflore	71.6
28085	MS	Lincoln	60.6
28087	MS	Lowndes	49.5
28089	MS	Madison	30.8
28091	MS	Marion	61.9
28093	MS	Marshall	52.4
28095	MS	Monroe	51.5
28097	MS	Montgomery	63.7
28099	MS	Neshoba	63.0
28101	MS	Newton	53.7
28105	MS	Oktibbeha	50.0
28107	MS	Panola	52.2
28109	MS	Pearl River	55.0
28111	MS	Perry	53.0
28113	MS	Pike	57.5
28115	MS	Pontotoc	51.8
28117	MS	Prentiss	59.6
28119	MS	Quitman	87.8
28121	MS	Rankin	36.8
28123	MS	Scott	61.7
28125	MS	Sharkey	60.4
28127	MS	Simpson	56.1
28129	MS	Smith	64.4
28131	MS	Stone	52.1
28133	MS	Sunflower	68.1
28135	MS	Tallahatchie	61.3
28137	MS	Tate	62.3
28139	MS	Tippah	61.8
28141	MS	Tishomingo	49.7
28143	MS	Tunica	59.2
28145	MS	Union	59.8
28147	MS	Walthall	52.7
28149	MS	Warren	45.9

28151	MS	Washington	68.5
28153	MS	Wayne	61.5
28155	MS	Webster	62.7
28159	MS	Winston	63.6
28161	MS	Yalobusha	54.1
28163	MS	Yazoo	65.6
29001	MO	Adair	42.4
29003	MO	Andrew	40.4
29005	MO	Atchison	42.0
29007	MO	Audrain	48.9
29009	MO	Barry	49.3
29011	MO	Barton	55.6
29013	MO	Bates	52.1
29015	MO	Benton	51.9
29017	MO	Bollinger	57.6
29019	MO	Boone	32.1
29021	MO	Buchanan	50.1
29023	MO	Butler	52.1
29025	MO	Caldwell	45.6
29027	MO	Callaway	46.4
29029	MO	Camden	42.0
29031	MO	Cape Girardeau	40.9
29033	MO	Carroll	45.2
29035	MO	Carter	56.8
29037	MO	Cass	39.7
29039	MO	Cedar	62.9
29041	MO	Chariton	47.7
29043	MO	Christian	38.2
29045	MO	Clark	41.7
29047	MO	Clay	35.4
29049	MO	Clinton	36.8
29051	MO	Cole	34.6
29053	MO	Cooper	45.7
29055	MO	Crawford	63.5
29057	MO	Dade	46.2
29059	MO	Dallas	60.7
29061	MO	Daviess	49.2
29063	MO	De Kalb	49.7
29065	MO	Dent	61.2
29067	MO	Douglas	56.0
29069	MO	Dunklin	65.7
29071	MO	Franklin	44.6
29073	MO	Gasconade	48.5
29075	MO	Gentry	46.3

29077	MO	Greene	43.0
29079	MO	Grundy	50.6
29081	MO	Harrison	54.5
29083	MO	Henry	49.4
29085	MO	Hickory	56.7
29087	MO	Holt	41.9
29089	MO	Howard	39.8
29091	MO	Howell	54.5
29093	MO	Iron	58.3
29095	MO	Jackson	42.2
29097	MO	Jasper	45.3
29099	MO	Jefferson	47.1
29101	MO	Johnson	44.1
29103	MO	Knox	45.7
29105	MO	Laclede	53.9
29107	MO	Lafayette	42.1
29109	MO	Lawrence	49.6
29111	MO	Lewis	38.1
29113	MO	Lincoln	50.5
29115	MO	Linn	49.3
29117	MO	Livingston	46.2
29119	MO	McDonald	55.9
29121	MO	Macon	47.9
29123	MO	Madison	59.5
29125	MO	Maries	49.9
29127	MO	Marion	48.4
29129	MO	Mercer	44.3
29131	MO	Miller	51.1
29133	MO	Mississippi	68.7
29135	MO	Moniteau	46.1
29137	MO	Monroe	38.6
29139	MO	Montgomery	54.0
29141	MO	Morgan	58.9
29143	MO	New Madrid	61.4
29145	MO	Newton	47.6
29147	MO	Nodaway	50.3
29149	MO	Oregon	64.4
29151	MO	Osage	35.4
29153	MO	Ozark	59.0
29155	MO	Pemiscot	68.1
29157	MO	Perry	45.1
29159	MO	Pettis	52.0
29161	MO	Phelps	43.8
29163	MO	Pike	51.8

29165	MO	Platte	31.0
29167	MO	Polk	45.8
29169	MO	Pulaski	42.9
29171	MO	Putnam	45.2
29173	MO	Ralls	41.0
29175	MO	Randolph	49.1
29177	MO	Ray	47.9
29179	MO	Reynolds	56.8
29181	MO	Ripley	64.8
29183	MO	St Charles	33.8
29185	MO	St Clair	56.9
29186	MO	Ste. Genevieve	47.5
29187	MO	St Francois	55.1
29189	MO	St Louis	30.8
29195	MO	Saline	47.4
29197	MO	Schuyler	47.0
29199	MO	Scotland	48.4
29201	MO	Scott	50.2
29203	MO	Shannon	57.8
29205	MO	Shelby	46.4
29207	MO	Stoddard	49.7
29209	MO	Stone	45.0
29211	MO	Sullivan	52.7
29213	MO	Taney	44.9
29215	MO	Texas	49.8
29217	MO	Vernon	47.5
29219	MO	Warren	47.7
29221	MO	Washington	62.5
29223	MO	Wayne	56.9
29225	MO	Webster	51.9
29227	MO	Worth	36.0
29229	MO	Wright	66.0
29510	MO	St Louis City	49.5
30001	MT	Beaverhead	29.9
30003	MT	Big Horn	57.0
30005	MT	Blaine	53.0
30007	MT	Broadwater	34.0
30009	MT	Carbon	31.7
30013	MT	Cascade	39.8
30015	MT	Chouteau	45.5
30017	MT	Custer	33.8
30021	MT	Dawson	35.5
30023	MT	Deer Lodge	31.7
30025	MT	Fallon	30.0

30027	MT	Fergus	23.8
30029	MT	Flathead	33.4
30031	MT	Gallatin	28.2
30035	MT	Glacier	61.4
30039	MT	Granite	31.7
30041	MT	Hill	48.0
30043	MT	Jefferson	28.9
30047	MT	Lake	46.2
30049	MT	Lewis and Clark	31.8
30051	MT	Liberty	38.0
30053	MT	Lincoln	38.5
30055	MT	McCone	36.7
30057	MT	Madison	27.4
30061	MT	Mineral	33.8
30063	MT	Missoula	31.8
30065	MT	Musselshell	36.4
30067	MT	Park	24.3
30071	MT	Phillips	43.9
30073	MT	Pondera	45.7
30075	MT	Powder River	28.3
30077	MT	Powell	34.6
30081	MT	Ravalli	37.6
30083	MT	Richland	35.5
30085	MT	Roosevelt	59.5
30087	MT	Rosebud	42.1
30089	MT	Sanders	43.6
30091	MT	Sheridan	26.9
30093	MT	Silver Bow	42.4
30095	MT	Stillwater	30.2
30097	MT	Sweet Grass	33.2
30099	MT	Teton	29.3
30101	MT	Toole	43.8
30105	MT	Valley	35.8
30107	MT	Wheatland	49.4
30111	MT	Yellowstone	33.9
31001	NE	Adams	39.4
31003	NE	Antelope	39.3
31011	NE	Boone	26.6
31013	NE	Box Butte	39.2
31015	NE	Boyd	22.6
31017	NE	Brown	52.8
31019	NE	Buffalo	33.5
31021	NE	Burt	36.3
31023	NE	Butler	35.4

31025	NE	Cass	34.7
31027	NE	Cedar	32.6
31029	NE	Chase	31.9
31031	NE	Cherry	33.9
31033	NE	Cheyenne	35.7
31035	NE	Clay	28.9
31037	NE	Colfax	46.4
31039	NE	Cuming	40.3
31041	NE	Custer	33.5
31043	NE	Dakota	56.2
31045	NE	Dawes	41.2
31047	NE	Dawson	47.6
31049	NE	Deuel	36.1
31051	NE	Dixon	37.4
31053	NE	Dodge	40.6
31055	NE	Douglas	37.9
31059	NE	Fillmore	32.9
31061	NE	Franklin	36.6
31063	NE	Frontier	24.7
31065	NE	Furnas	38.7
31067	NE	Gage	38.7
31069	NE	Garden	30.7
31071	NE	Garfield	28.4
31077	NE	Greeley	34.0
31079	NE	Hall	44.4
31081	NE	Hamilton	33.5
31083	NE	Harlan	35.0
31087	NE	Hitchcock	46.6
31089	NE	Holt	30.3
31091	NE	Hooker	23.2
31093	NE	Howard	33.3
31095	NE	Jefferson	35.9
31097	NE	Johnson	41.4
31099	NE	Kearney	28.8
31101	NE	Keith	37.0
31105	NE	Kimball	45.5
31107	NE	Knox	36.0
31109	NE	Lancaster	40.4
31111	NE	Lincoln	40.5
31119	NE	Madison	42.0
31121	NE	Merrick	32.7
31123	NE	Morrill	43.0
31125	NE	Nance	41.4
31127	NE	Nemaha	29.8

31129	NE	Nuckolls	31.4
31131	NE	Otoe	39.5
31133	NE	Pawnee	36.2
31135	NE	Perkins	27.8
31137	NE	Phelps	31.1
31139	NE	Pierce	28.6
31141	NE	Platte	39.4
31143	NE	Polk	31.0
31145	NE	Red Willow	43.8
31147	NE	Richardson	48.0
31149	NE	Rock	32.7
31151	NE	Saline	39.5
31153	NE	Sarpy	35.5
31155	NE	Saunders	35.4
31157	NE	Scotts Bluff	38.5
31159	NE	Seward	36.4
31161	NE	Sheridan	38.3
31163	NE	Sherman	41.9
31167	NE	Stanton	42.2
31169	NE	Thayer	33.6
31173	NE	Thurston	65.5
31175	NE	Valley	35.9
31177	NE	Washington	35.4
31179	NE	Wayne	32.3
31181	NE	Webster	37.5
31185	NE	York	37.5
32001	NV	Churchill	42.9
32003	NV	Clark	39.2
32005	NV	Douglas	32.8
32007	NV	Elko	43.5
32013	NV	Humboldt	36.0
32015	NV	Lander	37.8
32017	NV	Lincoln	36.0
32019	NV	Lyon	45.5
32021	NV	Mineral	45.7
32023	NV	Nye	47.7
32027	NV	Pershing	65.0
32029	NV	Storey	29.9
32031	NV	Washoe	36.5
32033	NV	White Pine	35.7
32510	NV	Carson City	38.9
33001	NH	Belknap	36.1
33003	NH	Carroll	31.7
33005	NH	Cheshire	39.3

33007	NH	Coos	40.0
33009	NH	Grafton	27.0
33011	NH	Hillsborough	37.1
33013	NH	Merrimack	37.8
33015	NH	Rockingham	33.8
33017	NH	Strafford	40.8
33019	NH	Sullivan	36.0
34001	NJ	Atlantic	37.0
34003	NJ	Bergen	25.8
34005	NJ	Burlington	27.7
34007	NJ	Camden	32.9
34009	NJ	Cape May	32.9
34011	NJ	Cumberland	48.2
34013	NJ	Essex	33.5
34015	NJ	Gloucester	33.4
34017	NJ	Hudson	40.1
34019	NJ	Hunterdon	25.2
34021	NJ	Mercer	27.8
34023	NJ	Middlesex	29.4
34025	NJ	Monmouth	28.4
34027	NJ	Morris	24.5
34029	NJ	Ocean	39.6
34031	NJ	Passaic	37.8
34033	NJ	Salem	41.7
34035	NJ	Somerset	22.2
34037	NJ	Sussex	31.5
34039	NJ	Union	32.5
34041	NJ	Warren	33.3
35001	NM	Bernalillo	37.7
35003	NM	Catron	25.8
35005	NM	Chaves	47.5
35006	NM	Cibola	62.3
35007	NM	Colfax	40.7
35009	NM	Curry	48.9
35011	NM	De Baca	43.5
35013	NM	Dona Ana	51.2
35015	NM	Eddy	35.9
35017	NM	Grant	38.4
35019	NM	Guadalupe	34.0
35023	NM	Hidalgo	48.8
35025	NM	Lea	46.7
35027	NM	Lincoln	36.6
35028	NM	Los Alamos	18.5
35029	NM	Luna	60.9

35031	NM	McKinley	80.2
35035	NM	Otero	49.7
35037	NM	Quay	39.5
35039	NM	Rio Arriba	43.1
35041	NM	Roosevelt	53.0
35043	NM	Sandoval	34.8
35045	NM	San Juan	53.1
35047	NM	San Miguel	44.2
35049	NM	Santa Fe	28.4
35051	NM	Sierra	42.1
35053	NM	Socorro	48.1
35055	NM	Taos	36.1
35057	NM	Torrance	54.0
35059	NM	Union	39.7
35061	NM	Valencia	50.3
36001	NY	Albany	32.4
36003	NY	Allegany	46.2
36005	NY	Bronx	38.4
36007	NY	Broome	42.9
36009	NY	Cattaraugus	47.0
36011	NY	Cayuga	43.1
36013	NY	Chautauqua	47.6
36015	NY	Chemung	44.5
36017	NY	Chenango	46.6
36019	NY	Clinton	45.6
36021	NY	Columbia	38.1
36023	NY	Cortland	41.6
36025	NY	Delaware	45.9
36027	NY	Dutchess	31.6
36029	NY	Erie	39.0
36031	NY	Essex	36.6
36033	NY	Franklin	49.2
36035	NY	Fulton	49.3
36037	NY	Genesee	42.9
36039	NY	Greene	43.7
36041	NY	Hamilton	38.4
36043	NY	Herkimer	46.0
36045	NY	Jefferson	43.4
36047	NY	Kings	24.8
36049	NY	Lewis	42.6
36051	NY	Livingston	44.8
36053	NY	Madison	38.6
36055	NY	Monroe	37.4
36057	NY	Montgomery	52.8

36059	NY	Nassau	25.7
36061	NY	New York	11.9
36063	NY	Niagara	41.9
36065	NY	Oneida	44.0
36067	NY	Onondaga	40.2
36069	NY	Ontario	34.7
36071	NY	Orange	38.7
36073	NY	Orleans	51.5
36075	NY	Oswego	51.4
36077	NY	Otsego	38.1
36079	NY	Putnam	31.4
36081	NY	Queens	23.7
36083	NY	Rensselaer	39.6
36085	NY	Richmond	25.9
36087	NY	Rockland	38.0
36089	NY	St Lawrence	48.6
36091	NY	Saratoga	32.5
36093	NY	Schenectady	37.9
36095	NY	Schoharie	44.5
36097	NY	Schuyler	42.8
36099	NY	Seneca	43.3
36101	NY	Steuben	44.0
36103	NY	Suffolk	32.1
36105	NY	Sullivan	44.4
36107	NY	Tioga	37.7
36109	NY	Tompkins	34.5
36111	NY	Ulster	35.4
36113	NY	Warren	36.3
36115	NY	Washington	44.1
36117	NY	Wayne	44.4
36119	NY	Westchester	26.3
36121	NY	Wyoming	43.2
36123	NY	Yates	44.0
37001	NC	Alamance	52.0
37003	NC	Alexander	56.3
37005	NC	Alleghany	48.2
37007	NC	Anson	56.4
37009	NC	Ashe	58.0
37011	NC	Avery	50.9
37013	NC	Beaufort	46.8
37015	NC	Bertie	59.1
37017	NC	Bladen	65.5
37019	NC	Brunswick	45.7
37021	NC	Buncombe	38.1

37023	NC	Burke	58.0
37025	NC	Cabarrus	41.1
37027	NC	Caldwell	62.1
37029	NC	Camden	41.0
37031	NC	Carteret	43.6
37033	NC	Caswell	58.3
37035	NC	Catawba	49.3
37037	NC	Chatham	40.7
37039	NC	Cherokee	53.5
37041	NC	Chowan	58.5
37043	NC	Clay	48.4
37045	NC	Cleveland	55.2
37047	NC	Columbus	58.6
37049	NC	Craven	41.6
37051	NC	Cumberland	44.0
37053	NC	Currituck	42.5
37055	NC	Dare	35.7
37057	NC	Davidson	52.8
37059	NC	Davie	46.7
37061	NC	Duplin	62.7
37063	NC	Durham	38.4
37065	NC	Edgecombe	60.7
37067	NC	Forsyth	43.5
37069	NC	Franklin	51.4
37071	NC	Gaston	53.6
37073	NC	Gates	42.0
37075	NC	Graham	61.9
37077	NC	Granville	52.6
37079	NC	Greene	54.5
37081	NC	Guilford	42.4
37083	NC	Halifax	60.9
37085	NC	Harnett	52.7
37087	NC	Haywood	49.0
37089	NC	Henderson	40.5
37091	NC	Hertford	57.9
37093	NC	Hoke	57.6
37095	NC	Hyde	50.3
37097	NC	Iredell	45.4
37099	NC	Jackson	48.5
37101	NC	Johnston	50.2
37103	NC	Jones	54.7
37105	NC	Lee	51.7
37107	NC	Lenoir	55.2
37109	NC	Lincoln	52.5

37111	NC	McDowell	58.6
37113	NC	Macon	45.8
37115	NC	Madison	52.2
37117	NC	Martin	50.6
37119	NC	Mecklenburg	37.8
37121	NC	Mitchell	52.3
37123	NC	Montgomery	65.0
37125	NC	Moore	40.8
37127	NC	Nash	47.5
37129	NC	New Hanover	39.2
37131	NC	Northampton	60.5
37133	NC	Onslow	44.9
37135	NC	Orange	30.4
37137	NC	Pamlico	41.3
37139	NC	Pasquotank	48.1
37141	NC	Pender	46.5
37143	NC	Perquimans	52.6
37145	NC	Person	58.4
37147	NC	Pitt	45.8
37149	NC	Polk	42.2
37151	NC	Randolph	55.9
37153	NC	Richmond	60.9
37155	NC	Robeson	70.9
37157	NC	Rockingham	55.7
37159	NC	Rowan	51.4
37161	NC	Rutherford	53.6
37163	NC	Sampson	61.4
37165	NC	Scotland	69.9
37167	NC	Stanly	52.7
37169	NC	Stokes	59.0
37171	NC	Surry	59.0
37173	NC	Swain	58.2
37175	NC	Transylvania	39.6
37177	NC	Tyrrell	64.0
37179	NC	Union	40.5
37181	NC	Vance	59.0
37183	NC	Wake	34.4
37185	NC	Warren	54.6
37187	NC	Washington	51.5
37189	NC	Watauga	43.8
37191	NC	Wayne	53.1
37193	NC	Wilkes	65.5
37195	NC	Wilson	55.4
37197	NC	Yadkin	59.5

37199	NC	Yancey	55.7
38001	ND	Adams	10.2
38003	ND	Barnes	27.0
38005	ND	Benson	58.8
38009	ND	Bottineau	33.2
38011	ND	Bowman	22.8
38013	ND	Burke	39.3
38015	ND	Burleigh	29.6
38017	ND	Cass	29.2
38019	ND	Cavalier	24.4
38021	ND	Dickey	30.7
38023	ND	Divide	30.1
38025	ND	Dunn	40.8
38027	ND	Eddy	46.8
38029	ND	Emmons	36.2
38031	ND	Foster	33.0
38035	ND	Grand Forks	32.7
38037	ND	Grant	38.9
38039	ND	Griggs	30.9
38041	ND	Hettinger	28.6
38045	ND	La Moure	32.9
38047	ND	Logan	35.8
38049	ND	McHenry	36.1
38051	ND	McIntosh	33.9
38053	ND	McKenzie	38.8
38055	ND	McLean	34.0
38057	ND	Mercer	33.8
38059	ND	Morton	34.1
38061	ND	Mountrail	23.9
38063	ND	Nelson	27.9
38067	ND	Pembina	28.6
38069	ND	Pierce	43.4
38071	ND	Ramsey	33.1
38073	ND	Ransom	30.7
38075	ND	Renville	33.8
38077	ND	Richland	34.9
38079	ND	Rolette	75.9
38081	ND	Sargent	28.1
38085	ND	Sioux	77.4
38089	ND	Stark	30.6
38093	ND	Stutsman	37.3
38095	ND	Towner	41.6
38097	ND	Traill	44.7
38099	ND	Walsh	32.2

38101	ND	Ward	30.5
38103	ND	Wells	29.8
38105	ND	Williams	41.6
39001	OH	Adams	68.4
39003	OH	Allen	48.9
39005	OH	Ashland	46.1
39007	OH	Ashtabula	52.9
39009	OH	Athens	60.4
39011	OH	Auglaize	39.2
39013	OH	Belmont	45.4
39015	OH	Brown	52.4
39017	OH	Butler	42.4
39019	OH	Carroll	49.0
39021	OH	Champaign	44.2
39023	OH	Clark	54.3
39025	OH	Clermont	40.8
39027	OH	Clinton	49.2
39029	OH	Columbiana	50.1
39031	OH	Coshocton	50.7
39033	OH	Crawford	52.3
39035	OH	Cuyahoga	41.2
39037	OH	Darke	45.0
39039	OH	Defiance	41.4
39041	OH	Delaware	25.2
39043	OH	Erie	39.0
39045	OH	Fairfield	37.8
39047	OH	Fayette	58.3
39049	OH	Franklin	40.4
39051	OH	Fulton	40.3
39053	OH	Gallia	71.1
39055	OH	Geauga	35.0
39057	OH	Greene	38.7
39059	OH	Guernsey	57.9
39061	OH	Hamilton	40.2
39063	OH	Hancock	42.5
39065	OH	Hardin	52.7
39067	OH	Harrison	46.9
39069	OH	Henry	42.1
39071	OH	Highland	57.9
39073	OH	Hocking	50.3
39075	OH	Holmes	63.1
39077	OH	Huron	49.8
39079	OH	Jackson	65.1
39081	OH	Jefferson	46.2

39083	OH	Knox	48.4
39085	OH	Lake	36.6
39087	OH	Lawrence	57.8
39089	OH	Licking	44.1
39091	OH	Logan	45.0
39093	OH	Lorain	42.6
39095	OH	Lucas	47.3
39097	OH	Madison	43.2
39099	OH	Mahoning	43.4
39101	OH	Marion	53.1
39103	OH	Medina	35.5
39105	OH	Meigs	71.3
39107	OH	Mercer	36.9
39109	OH	Miami	45.6
39111	OH	Monroe	53.5
39113	OH	Montgomery	45.6
39115	OH	Morgan	54.6
39117	OH	Morrow	49.3
39119	OH	Muskingum	51.6
39121	OH	Noble	48.5
39123	OH	Ottawa	35.5
39125	OH	Paulding	46.9
39127	OH	Perry	57.5
39129	OH	Pickaway	50.3
39131	OH	Pike	65.8
39133	OH	Portage	45.0
39135	OH	Preble	48.0
39137	OH	Putnam	34.7
39139	OH	Richland	49.1
39141	OH	Ross	52.6
39143	OH	Sandusky	43.7
39145	OH	Scioto	63.7
39147	OH	Seneca	46.9
39149	OH	Shelby	40.4
39151	OH	Stark	42.8
39153	OH	Summit	39.3
39155	OH	Trumbull	48.0
39157	OH	Tuscarawas	48.2
39159	OH	Union	37.5
39161	OH	Van Wert	43.5
39163	OH	Vinton	87.5
39165	OH	Warren	30.2
39167	OH	Washington	46.7
39169	OH	Wayne	45.5

39171	OH	Williams	48.6
39173	OH	Wood	37.0
39175	OH	Wyandot	41.0
40001	OK	Adair	73.4
40003	OK	Alfalfa	42.7
40005	OK	Atoka	60.3
40007	OK	Beaver	38.1
40009	OK	Beckham	44.8
40011	OK	Blaine	44.2
40013	OK	Bryan	52.3
40015	OK	Caddo	55.1
40017	OK	Canadian	37.2
40019	OK	Carter	45.5
40021	OK	Cherokee	53.0
40023	OK	Choctaw	62.0
40025	OK	Cimarron	46.1
40027	OK	Cleveland	39.7
40029	OK	Coal	57.5
40031	OK	Comanche	44.1
40033	OK	Cotton	51.9
40035	OK	Craig	52.0
40037	OK	Creek	52.3
40039	OK	Custer	48.0
40041	OK	Delaware	53.6
40043	OK	Dewey	44.4
40045	OK	Ellis	36.5
40047	OK	Garfield	46.0
40049	OK	Garvin	53.9
40051	OK	Grady	46.0
40053	OK	Grant	39.4
40055	OK	Greer	42.5
40057	OK	Harmon	52.8
40059	OK	Harper	43.3
40061	OK	Haskell	58.2
40063	OK	Hughes	61.8
40065	OK	Jackson	48.5
40067	OK	Jefferson	52.9
40069	OK	Johnston	62.0
40071	OK	Kay	51.9
40073	OK	Kingfisher	36.5
40075	OK	Kiowa	49.9
40077	OK	Latimer	56.7
40079	OK	Le Flore	59.9
40081	OK	Lincoln	50.8

40083	OK	Logan	42.0
40085	OK	Love	42.8
40087	OK	McClain	43.7
40089	OK	McCurtain	62.0
40091	OK	McIntosh	55.7
40093	OK	Major	44.9
40095	OK	Marshall	50.7
40097	OK	Mayes	56.3
40099	OK	Murray	52.4
40101	OK	Muskogee	56.3
40103	OK	Noble	45.7
40105	OK	Nowata	54.1
40107	OK	Okfuskee	58.9
40109	OK	Oklahoma	44.0
40111	OK	Okmulgee	55.0
40113	OK	Osage	49.9
40115	OK	Ottawa	57.7
40117	OK	Pawnee	48.6
40119	OK	Payne	49.8
40121	OK	Pittsburg	52.1
40123	OK	Pontotoc	47.9
40125	OK	Pottawatomie	55.8
40127	OK	Pushmataha	59.4
40129	OK	Roger Mills	41.6
40131	OK	Rogers	39.9
40133	OK	Seminole	58.3
40135	OK	Sequoyah	64.9
40137	OK	Stephens	47.1
40139	OK	Texas	45.3
40141	OK	Tillman	59.5
40143	OK	Tulsa	42.1
40145	OK	Wagoner	45.0
40147	OK	Washington	45.1
40149	OK	Washita	46.5
40151	OK	Woods	43.8
40153	OK	Woodward	44.8
41001	OR	Baker	34.6
41003	OR	Benton	21.7
41005	OR	Clackamas	21.7
41007	OR	Clatsop	29.1
41009	OR	Columbia	30.7
41011	OR	Coos	31.8
41013	OR	Crook	37.0
41015	OR	Curry	33.0

41017	OR	Deschutes	24.6
41019	OR	Douglas	37.1
41023	OR	Grant	32.1
41025	OR	Harney	42.6
41027	OR	Hood River	22.2
41029	OR	Jackson	38.9
41031	OR	Jefferson	38.3
41033	OR	Josephine	40.2
41035	OR	Klamath	39.1
41037	OR	Lake	42.6
41039	OR	Lane	31.3
41041	OR	Lincoln	30.8
41043	OR	Linn	36.0
41045	OR	Malheur	46.8
41047	OR	Marion	37.0
41049	OR	Morrow	36.2
41051	OR	Multnomah	25.0
41053	OR	Polk	29.7
41055	OR	Sherman	35.7
41057	OR	Tillamook	27.9
41059	OR	Umatilla	41.9
41061	OR	Union	35.9
41063	OR	Wallowa	27.8
41065	OR	Wasco	32.1
41067	OR	Washington	22.7
41071	OR	Yamhill	31.4
42001	PA	Adams	32.2
42003	PA	Allegheny	33.7
42005	PA	Armstrong	43.1
42007	PA	Beaver	40.7
42009	PA	Bedford	45.3
42011	PA	Berks	41.8
42013	PA	Blair	41.0
42015	PA	Bradford	40.1
42017	PA	Bucks	29.2
42019	PA	Butler	34.9
42021	PA	Cambria	42.3
42023	PA	Cameron	38.6
42025	PA	Carbon	38.6
42027	PA	Centre	33.6
42029	PA	Chester	29.3
42031	PA	Clarion	42.8
42033	PA	Clearfield	43.5
42035	PA	Clinton	44.8

42037	PA	Columbia	41.6
42039	PA	Crawford	42.6
42041	PA	Cumberland	32.6
42043	PA	Dauphin	35.1
42045	PA	Delaware	31.2
42047	PA	Elk	38.8
42049	PA	Erie	42.2
42051	PA	Fayette	50.3
42053	PA	Forest	41.1
42055	PA	Franklin	34.6
42057	PA	Fulton	41.0
42059	PA	Greene	47.3
42061	PA	Huntingdon	43.0
42063	PA	Indiana	43.6
42065	PA	Jefferson	43.6
42067	PA	Juniata	46.9
42069	PA	Lackawanna	39.7
42071	PA	Lancaster	39.3
42073	PA	Lawrence	45.9
42075	PA	Lebanon	41.8
42077	PA	Lehigh	36.8
42079	PA	Luzerne	42.1
42081	PA	Lycoming	41.9
42083	PA	McKean	46.5
42085	PA	Mercer	41.4
42087	PA	Mifflin	47.6
42089	PA	Monroe	37.5
42091	PA	Montgomery	25.0
42093	PA	Montour	16.2
42095	PA	Northampton	33.6
42097	PA	Northumberland	43.7
42099	PA	Perry	38.5
42101	PA	Philadelphia	48.5
42103	PA	Pike	35.9
42105	PA	Potter	44.3
42107	PA	Schuylkill	41.7
42109	PA	Snyder	42.9
42111	PA	Somerset	42.1
42113	PA	Sullivan	36.7
42115	PA	Susquehanna	42.0
42117	PA	Tioga	40.9
42119	PA	Union	41.4
42121	PA	Venango	43.9
42123	PA	Warren	40.5

42125	PA	Washington	37.5
42127	PA	Wayne	36.9
42129	PA	Westmoreland	35.6
42131	PA	Wyoming	37.1
42133	PA	York	32.7
44001	RI	Bristol	28.0
44003	RI	Kent	35.3
44005	RI	Newport	32.8
44007	RI	Providence	44.9
44009	RI	Washington	30.7
45001	SC	Abbeville	58.4
45003	SC	Aiken	51.0
45005	SC	Allendale	54.4
45007	SC	Anderson	51.8
45009	SC	Bamberg	62.5
45011	SC	Barnwell	64.4
45013	SC	Beaufort	34.1
45015	SC	Berkeley	45.4
45017	SC	Calhoun	56.1
45019	SC	Charleston	37.3
45021	SC	Cherokee	63.2
45023	SC	Chester	66.2
45025	SC	Chesterfield	65.1
45027	SC	Clarendon	58.7
45029	SC	Colleton	54.3
45031	SC	Darlington	57.6
45033	SC	Dillon	77.0
45035	SC	Dorchester	42.9
45037	SC	Edgefield	47.5
45039	SC	Fairfield	52.6
45041	SC	Florence	46.5
45043	SC	Georgetown	46.5
45045	SC	Greenville	43.2
45047	SC	Greenwood	55.4
45049	SC	Hampton	54.8
45051	SC	Horry	46.3
45053	SC	Jasper	54.4
45055	SC	Kershaw	48.3
45057	SC	Lancaster	53.6
45059	SC	Laurens	57.2
45061	SC	Lee	63.6
45063	SC	Lexington	45.1
45065	SC	McCormick	47.5
45067	SC	Marion	59.3

45069	SC	Marlboro	70.3
45071	SC	Newberry	51.0
45073	SC	Oconee	54.0
45075	SC	Orangeburg	53.8
45077	SC	Pickens	50.2
45079	SC	Richland	39.2
45081	SC	Saluda	57.8
45083	SC	Spartanburg	50.3
45085	SC	Sumter	47.4
45087	SC	Union	58.4
45089	SC	Williamsburg	61.8
45091	SC	York	46.6
46003	SD	Aurora	34.3
46005	SD	Beadle	50.7
46009	SD	Bon Homme	32.1
46011	SD	Brookings	32.4
46013	SD	Brown	32.8
46015	SD	Brule	38.9
46019	SD	Butte	35.0
46023	SD	Charles Mix	46.8
46025	SD	Clark	38.0
46027	SD	Clay	38.0
46029	SD	Codington	30.8
46031	SD	Corson	74.7
46033	SD	Custer	29.6
46035	SD	Davison	37.6
46037	SD	Day	51.7
46039	SD	Deuel	31.7
46041	SD	Dewey	57.7
46043	SD	Douglas	30.1
46045	SD	Edmunds	34.2
46047	SD	Fall River	37.7
46049	SD	Faulk	24.8
46051	SD	Grant	27.3
46053	SD	Gregory	43.3
46059	SD	Hand	30.6
46061	SD	Hanson	29.7
46065	SD	Hughes	31.4
46067	SD	Hutchinson	35.3
46071	SD	Jackson	58.2
46073	SD	Jerauld	25.0
46077	SD	Kingsbury	29.7
46079	SD	Lake	36.5
46081	SD	Lawrence	31.1

46083	SD	Lincoln	20.6
46085	SD	Lyman	48.3
46087	SD	McCook	30.8
46089	SD	McPherson	47.5
46091	SD	Marshall	34.5
46093	SD	Meade	32.5
46097	SD	Miner	35.1
46099	SD	Minnehaha	36.0
46101	SD	Moody	35.6
46103	SD	Pennington	34.2
46105	SD	Perkins	38.8
46107	SD	Potter	37.6
46109	SD	Roberts	44.9
46111	SD	Sanborn	32.0
46115	SD	Spink	38.4
46121	SD	Todd	93.6
46123	SD	Tripp	50.2
46125	SD	Turner	31.8
46127	SD	Union	27.9
46129	SD	Walworth	38.1
46135	SD	Yankton	36.1
47001	TN	Anderson	52.8
47003	TN	Bedford	52.8
47005	TN	Benton	59.9
47007	TN	Bledsoe	57.0
47009	TN	Blount	43.0
47011	TN	Bradley	54.4
47013	TN	Campbell	70.9
47015	TN	Cannon	59.1
47017	TN	Carroll	54.6
47019	TN	Carter	62.7
47021	TN	Cheatham	49.5
47023	TN	Chester	54.0
47025	TN	Claiborne	63.8
47027	TN	Clay	63.8
47029	TN	Cocke	64.7
47031	TN	Coffee	51.0
47033	TN	Crockett	59.9
47035	TN	Cumberland	47.9
47037	TN	Davidson	40.2
47039	TN	Decatur	54.9
47041	TN	De Kalb	57.4
47043	TN	Dickson	51.8
47045	TN	Dyer	49.1

47047	TN	Fayette	39.0
47049	TN	Fentress	71.5
47051	TN	Franklin	48.0
47053	TN	Gibson	48.3
47055	TN	Giles	52.5
47057	TN	Grainger	58.6
47059	TN	Greene	55.3
47061	TN	Grundy	77.0
47063	TN	Hamblen	59.4
47065	TN	Hamilton	38.7
47067	TN	Hancock	70.5
47069	TN	Hardeman	55.9
47071	TN	Hardin	54.9
47073	TN	Hawkins	56.9
47075	TN	Haywood	52.2
47077	TN	Henderson	61.1
47079	TN	Henry	50.1
47081	TN	Hickman	58.4
47083	TN	Houston	57.5
47085	TN	Humphreys	48.9
47087	TN	Jackson	68.6
47089	TN	Jefferson	50.9
47091	TN	Johnson	65.0
47093	TN	Knox	39.2
47095	TN	Lake	66.4
47097	TN	Lauderdale	67.8
47099	TN	Lawrence	57.6
47101	TN	Lewis	64.0
47103	TN	Lincoln	51.3
47105	TN	Loudon	47.0
47107	TN	McMinn	55.1
47109	TN	McNairy	57.3
47111	TN	Macon	62.7
47113	TN	Madison	40.0
47115	TN	Marion	56.7
47117	TN	Marshall	55.7
47119	TN	Maury	45.2
47121	TN	Meigs	56.0
47123	TN	Monroe	56.4
47125	TN	Montgomery	40.8
47127	TN	Moore	41.0
47129	TN	Morgan	64.7
47131	TN	Obion	54.0
47133	TN	Overton	59.5

47135	TN	Perry	67.9
47137	TN	Pickett	59.2
47139	TN	Polk	53.5
47141	TN	Putnam	56.4
47143	TN	Rhea	63.9
47145	TN	Roane	56.7
47147	TN	Robertson	45.4
47149	TN	Rutherford	38.1
47151	TN	Scott	70.9
47153	TN	Sequatchie	59.3
47155	TN	Sevier	47.4
47157	TN	Shelby	42.2
47159	TN	Smith	53.2
47161	TN	Stewart	54.1
47163	TN	Sullivan	46.5
47165	TN	Sumner	38.6
47167	TN	Tipton	45.9
47169	TN	Trousdale	52.5
47171	TN	Unicoi	59.9
47173	TN	Union	66.2
47177	TN	Warren	59.1
47179	TN	Washington	39.3
47181	TN	Wayne	61.7
47183	TN	Weakley	48.0
47185	TN	White	59.5
47187	TN	Williamson	24.7
47189	TN	Wilson	40.8
48001	TX	Anderson	48.7
48003	TX	Andrews	43.6
48005	TX	Angelina	50.8
48007	TX	Aransas	44.1
48009	TX	Archer	43.4
48013	TX	Atascosa	45.6
48015	TX	Austin	38.3
48017	TX	Bailey	51.5
48019	TX	Bandera	37.4
48021	TX	Bastrop	41.9
48023	TX	Baylor	36.4
48025	TX	Bee	56.8
48027	TX	Bell	37.4
48029	TX	Bexar	38.0
48031	TX	Blanco	33.8
48035	TX	Bosque	47.9
48037	TX	Bowie	49.3

48039	TX	Brazoria	33.4
48041	TX	Brazos	44.5
48043	TX	Brewster	25.3
48047	TX	Brooks	75.1
48049	TX	Brown	48.8
48051	TX	Burleson	49.1
48053	TX	Burnet	41.8
48055	TX	Caldwell	44.9
48057	TX	Calhoun	42.9
48059	TX	Callahan	65.1
48061	TX	Cameron	68.4
48063	TX	Camp	48.9
48065	TX	Carson	50.1
48067	TX	Cass	49.3
48069	TX	Castro	48.9
48071	TX	Chambers	41.2
48073	TX	Cherokee	57.9
48075	TX	Childress	42.6
48077	TX	Clay	49.0
48079	TX	Cochran	48.7
48081	TX	Coke	24.0
48083	TX	Coleman	50.3
48085	TX	Collin	25.7
48087	TX	Collingsworth	68.4
48089	TX	Colorado	41.3
48091	TX	Comal	31.5
48093	TX	Comanche	51.8
48095	TX	Concho	52.3
48097	TX	Cooke	42.0
48099	TX	Coryell	41.3
48101	TX	Cottle	56.3
48103	TX	Crane	49.9
48105	TX	Crockett	44.2
48107	TX	Crosby	56.4
48111	TX	Dallam	50.6
48113	TX	Dallas	44.7
48115	TX	Dawson	52.6
48117	TX	Deaf Smith	53.5
48119	TX	Delta	52.0
48121	TX	Denton	28.8
48123	TX	De Witt	46.0
48125	TX	Dickens	52.9
48127	TX	Dimmit	42.8
48129	TX	Donley	52.6

48131	TX	Duval	57.2
48133	TX	Eastland	53.6
48135	TX	Ector	44.3
48137	TX	Edwards	34.5
48139	TX	Ellis	40.6
48141	TX	El Paso	48.3
48143	TX	Erath	47.4
48145	TX	Falls	53.9
48147	TX	Fannin	48.6
48149	TX	Fayette	41.3
48151	TX	Fisher	42.4
48153	TX	Floyd	50.6
48155	TX	Foard	51.1
48157	TX	Fort Bend	25.2
48159	TX	Franklin	47.0
48161	TX	Freestone	45.8
48163	TX	Frio	58.8
48165	TX	Gaines	55.0
48167	TX	Galveston	35.9
48169	TX	Garza	57.2
48171	TX	Gillespie	32.1
48175	TX	Goliad	40.4
48177	TX	Gonzales	51.7
48179	TX	Gray	41.9
48181	TX	Grayson	44.9
48183	TX	Gregg	46.2
48185	TX	Grimes	46.8
48187	TX	Guadalupe	35.7
48189	TX	Hale	53.6
48191	TX	Hall	62.6
48193	TX	Hamilton	46.9
48195	TX	Hansford	45.6
48197	TX	Hardeman	43.5
48199	TX	Hardin	49.7
48201	TX	Harris	42.3
48203	TX	Harrison	47.4
48205	TX	Hartley	34.5
48207	TX	Haskell	54.8
48209	TX	Hays	36.9
48211	TX	Hemphill	37.9
48213	TX	Henderson	50.6
48215	TX	Hidalgo	69.8
48217	TX	Hill	53.5
48219	TX	Hockley	42.6

48221	TX	Hood	39.5
48223	TX	Hopkins	50.8
48225	TX	Houston	53.2
48227	TX	Howard	47.8
48231	TX	Hunt	51.3
48233	TX	Hutchinson	46.6
48237	TX	Jack	47.8
48239	TX	Jackson	43.4
48241	TX	Jasper	46.9
48245	TX	Jefferson	46.6
48249	TX	Jim Wells	52.8
48251	TX	Johnson	44.9
48253	TX	Jones	59.1
48255	TX	Karnes	53.8
48257	TX	Kaufman	44.2
48259	TX	Kendall	29.5
48265	TX	Kerr	42.2
48267	TX	Kimble	50.0
48271	TX	Kinney	48.1
48273	TX	Kleberg	52.9
48275	TX	Knox	48.9
48277	TX	Lamar	48.7
48279	TX	Lamb	52.9
48281	TX	Lampasas	39.4
48283	TX	La Salle	53.0
48285	TX	Lavaca	40.4
48287	TX	Lee	41.0
48289	TX	Leon	44.0
48291	TX	Liberty	51.7
48293	TX	Limestone	48.2
48295	TX	Lipscomb	34.3
48297	TX	Live Oak	46.1
48299	TX	Llano	44.4
48303	TX	Lubbock	43.3
48305	TX	Lynn	50.9
48307	TX	McCulloch	48.3
48309	TX	McLennan	47.8
48313	TX	Madison	57.5
48315	TX	Marion	48.6
48317	TX	Martin	38.5
48319	TX	Mason	42.8
48321	TX	Matagorda	50.7
48323	TX	Maverick	62.0
48325	TX	Medina	40.7

48327	TX	Menard	41.3
48329	TX	Midland	36.0
48331	TX	Milam	49.7
48333	TX	Mills	45.3
48335	TX	Mitchell	38.9
48337	TX	Montague	49.0
48339	TX	Montgomery	38.4
48341	TX	Moore	52.7
48343	TX	Morris	50.5
48347	TX	Nacogdoches	53.2
48349	TX	Navarro	53.3
48351	TX	Newton	40.0
48353	TX	Nolan	50.5
48355	TX	Nueces	40.7
48357	TX	Ochiltree	43.8
48361	TX	Orange	50.8
48363	TX	Palo Pinto	50.0
48365	TX	Panola	44.3
48367	TX	Parker	38.2
48369	TX	Parmer	51.8
48371	TX	Pecos	41.9
48373	TX	Polk	49.1
48375	TX	Potter	53.0
48377	TX	Presidio	54.8
48379	TX	Rains	43.8
48381	TX	Randall	35.2
48385	TX	Real	43.7
48387	TX	Red River	51.5
48389	TX	Reeves	50.5
48391	TX	Refugio	48.4
48395	TX	Robertson	48.6
48397	TX	Rockwall	29.2
48399	TX	Runnels	48.5
48401	TX	Rusk	50.7
48403	TX	Sabine	59.1
48405	TX	San Augustine	53.5
48407	TX	San Jacinto	49.2
48409	TX	San Patricio	48.2
48411	TX	San Saba	43.7
48415	TX	Scurry	42.1
48417	TX	Shackelford	50.6
48419	TX	Shelby	54.4
48421	TX	Sherman	41.5
48423	TX	Smith	41.8

48425	TX	Somervell	45.1
48427	TX	Starr	88.1
48429	TX	Stephens	54.2
48433	TX	Stonewall	50.1
48435	TX	Sutton	32.3
48437	TX	Swisher	51.6
48439	TX	Tarrant	39.2
48441	TX	Taylor	44.8
48445	TX	Terry	50.2
48447	TX	Throckmorton	31.1
48449	TX	Titus	54.8
48451	TX	Tom Green	40.0
48453	TX	Travis	34.9
48455	TX	Trinity	52.0
48457	TX	Tyler	50.6
48459	TX	Upshur	48.0
48461	TX	Upton	51.9
48463	TX	Uvalde	50.0
48465	TX	Val Verde	55.0
48467	TX	Van Zandt	49.5
48469	TX	Victoria	39.6
48471	TX	Walker	49.1
48473	TX	Waller	48.1
48475	TX	Ward	45.2
48477	TX	Washington	39.9
48479	TX	Webb	66.4
48481	TX	Wharton	48.8
48483	TX	Wheeler	42.2
48485	TX	Wichita	42.8
48487	TX	Wilbarger	51.7
48489	TX	Willacy	79.3
48491	TX	Williamson	29.0
48493	TX	Wilson	35.1
48495	TX	Winkler	43.5
48497	TX	Wise	41.4
48499	TX	Wood	41.2
48501	TX	Yoakum	43.6
48503	TX	Young	46.9
48505	TX	Zapata	76.3
48507	TX	Zavala	68.4
49001	UT	Beaver	44.0
49003	UT	Box Elder	42.5
49005	UT	Cache	44.9
49007	UT	Carbon	45.2

49011	UT	Davis	36.4
49013	UT	Duchesne	41.9
49015	UT	Emery	46.5
49017	UT	Garfield	50.0
49019	UT	Grand	41.5
49021	UT	Iron	51.2
49023	UT	Juab	44.1
49025	UT	Kane	30.0
49027	UT	Millard	45.6
49029	UT	Morgan	27.5
49035	UT	Salt Lake	38.2
49037	UT	San Juan	61.4
49039	UT	Sanpete	43.0
49041	UT	Sevier	45.2
49043	UT	Summit	27.9
49045	UT	Tooele	38.4
49047	UT	Uintah	41.5
49049	UT	Utah	43.2
49051	UT	Wasatch	37.3
49053	UT	Washington	40.7
49055	UT	Wayne	39.8
49057	UT	Weber	40.2
50001	VT	Addison	31.4
50003	VT	Bennington	41.4
50005	VT	Caledonia	38.6
50007	VT	Chittenden	26.5
50009	VT	Essex	42.9
50011	VT	Franklin	37.6
50013	VT	Grand Isle	32.7
50015	VT	Lamoille	34.7
50017	VT	Orange	36.3
50019	VT	Orleans	41.5
50021	VT	Rutland	36.2
50023	VT	Washington	30.9
50025	VT	Windham	37.6
50027	VT	Windsor	31.2
51001	VA	Accomack	48.7
51003	VA	Albemarle	34.7
51005	VA	Alleghany	54.0
51007	VA	Amelia	52.5
51009	VA	Amherst	46.5
51011	VA	Appomattox	54.9
51013	VA	Arlington	23.2
51015	VA	Augusta	47.1

51017	VA	Bath	39.1
51019	VA	Bedford	39.3
51021	VA	Bland	51.1
51023	VA	Botetourt	38.9
51025	VA	Brunswick	54.6
51027	VA	Buchanan	78.3
51029	VA	Buckingham	55.4
51031	VA	Campbell	52.1
51033	VA	Caroline	48.3
51035	VA	Carroll	55.1
51036	VA	Charles City	46.5
51037	VA	Charlotte	51.7
51041	VA	Chesterfield	33.8
51043	VA	Clarke	34.6
51045	VA	Craig	35.5
51047	VA	Culpeper	33.8
51049	VA	Cumberland	54.7
51051	VA	Dickenson	64.9
51053	VA	Dinwiddie	50.2
51057	VA	Essex	46.4
51059	VA	Fairfax	18.8
51061	VA	Fauquier	28.7
51063	VA	Floyd	43.2
51065	VA	Fluvanna	39.0
51067	VA	Franklin	49.4
51069	VA	Frederick	32.2
51071	VA	Giles	46.9
51073	VA	Gloucester	38.7
51075	VA	Goochland	32.8
51077	VA	Grayson	65.7
51079	VA	Greene	44.8
51081	VA	Greensville	67.8
51083	VA	Halifax	52.0
51085	VA	Hanover	36.3
51087	VA	Henrico	35.1
51089	VA	Henry	56.8
51093	VA	Isle of Wight	44.4
51095	VA	James City	30.3
51097	VA	King and Queen	40.3
51099	VA	King George	26.5
51101	VA	King William	41.4
51103	VA	Lancaster	37.2
51105	VA	Lee	69.6
51107	VA	Loudoun	18.4

51109	VA	Louisa	44.8
51111	VA	Lunenburg	57.6
51113	VA	Madison	39.2
51115	VA	Mathews	38.3
51117	VA	Mecklenburg	54.7
51119	VA	Middlesex	39.6
51121	VA	Montgomery	40.3
51125	VA	Nelson	42.5
51127	VA	New Kent	39.0
51131	VA	Northampton	52.8
51133	VA	Northumberland	37.8
51135	VA	Nottoway	61.6
51137	VA	Orange	45.3
51139	VA	Page	61.3
51141	VA	Patrick	65.6
51143	VA	Pittsylvania	52.4
51145	VA	Powhatan	34.5
51147	VA	Prince Edward	52.6
51149	VA	Prince George	43.2
51153	VA	Prince William	24.1
51155	VA	Pulaski	55.9
51157	VA	Rappahannock	31.9
51159	VA	Richmond	47.1
51161	VA	Roanoke	34.1
51163	VA	Rockbridge	42.0
51165	VA	Rockingham	51.0
51167	VA	Russell	66.1
51169	VA	Scott	65.0
51171	VA	Shenandoah	37.8
51173	VA	Smyth	57.0
51175	VA	Southampton	51.3
51177	VA	Spotsylvania	29.7
51179	VA	Stafford	25.0
51181	VA	Surry	43.1
51183	VA	Sussex	54.7
51185	VA	Tazewell	57.4
51187	VA	Warren	36.4
51191	VA	Washington	46.4
51193	VA	Westmoreland	37.2
51195	VA	Wise	66.6
51197	VA	Wythe	51.3
51199	VA	York	32.1
51510	VA	Alexandria City	21.7
51520	VA	Bristol City	62.2

51530	VA	Buena Vista City	76.2
51540	VA	Charlottesville City	28.4
51550	VA	Chesapeake City	36.9
51570	VA	Colonial Heights Cit	40.2
51580	VA	Covington City	64.3
51590	VA	Danville City	53.5
51595	VA	Emporia City	69.5
51600	VA	Fairfax City	20.7
51610	VA	Falls Church City	0.0
51620	VA	Franklin City	45.1
51630	VA	Fredericksburg City	28.9
51640	VA	Galax City	73.8
51650	VA	Hampton City	42.0
51660	VA	Harrisonburg City	44.6
51670	VA	Hopewell City	55.9
51678	VA	Lexington City	51.2
51680	VA	Lynchburg City	48.9
51683	VA	Manassas City	26.5
51685	VA	Manassas Park City	30.7
51690	VA	Martinsville City	59.3
51700	VA	Newport News City	42.8
51710	VA	Norfolk City	46.4
51720	VA	Norton City	56.9
51730	VA	Petersburg City	58.5
51735	VA	Poquoson City	34.5
51740	VA	Portsmouth City	49.7
51750	VA	Radford City	48.6
51760	VA	Richmond City	49.3
51770	VA	Roanoke City	47.9
51775	VA	Salem City	38.7
51790	VA	Staunton City	48.3
51800	VA	Suffolk City	38.2
51810	VA	Virginia Beach City	33.7
51820	VA	Waynesboro City	49.4
51830	VA	Williamsburg City	36.5
51840	VA	Winchester City	25.3
53001	WA	Adams	49.7
53003	WA	Asotin	29.4
53005	WA	Benton	31.1
53007	WA	Chelan	28.1
53009	WA	Clallam	21.0
53011	WA	Clark	22.8
53013	WA	Columbia	31.2
53015	WA	Cowlitz	32.7

53017	WA	Douglas	23.6
53019	WA	Ferry	38.1
53021	WA	Franklin	44.1
53025	WA	Grant	40.7
53027	WA	Grays Harbor	30.0
53029	WA	Island	18.0
53031	WA	Jefferson	15.4
53033	WA	King	12.8
53035	WA	Kitsap	18.7
53037	WA	Kittitas	29.6
53039	WA	Klickitat	26.1
53041	WA	Lewis	29.1
53043	WA	Lincoln	35.5
53045	WA	Mason	30.5
53047	WA	Okanogan	38.9
53049	WA	Pacific	26.5
53051	WA	Pend Oreille	40.9
53053	WA	Pierce	22.2
53055	WA	San Juan	13.2
53057	WA	Skagit	25.6
53059	WA	Skamania	29.0
53061	WA	Snohomish	19.8
53063	WA	Spokane	30.7
53065	WA	Stevens	36.9
53067	WA	Thurston	19.6
53069	WA	Wahkiakum	30.1
53071	WA	Walla Walla	28.2
53073	WA	Whatcom	23.7
53075	WA	Whitman	32.7
53077	WA	Yakima	45.0
54001	WV	Barbour	57.6
54003	WV	Berkeley	39.5
54005	WV	Boone	63.5
54007	WV	Braxton	57.3
54009	WV	Brooke	44.4
54011	WV	Cabell	48.8
54013	WV	Calhoun	55.6
54015	WV	Clay	67.4
54017	WV	Doddridge	46.0
54019	WV	Fayette	55.5
54021	WV	Gilmer	56.1
54023	WV	Grant	45.1
54025	WV	Greenbrier	50.4
54027	WV	Hampshire	47.3

54029	WV	Hancock	47.1
54031	WV	Hardy	48.1
54033	WV	Harrison	45.3
54035	WV	Jackson	53.2
54037	WV	Jefferson	32.0
54039	WV	Kanawha	44.1
54041	WV	Lewis	56.7
54043	WV	Lincoln	64.3
54045	WV	Logan	61.0
54047	WV	McDowell	91.8
54049	WV	Marion	47.4
54051	WV	Marshall	43.0
54053	WV	Mason	57.1
54055	WV	Mercer	57.6
54057	WV	Mineral	41.0
54059	WV	Mingo	67.2
54061	WV	Monongalia	39.1
54063	WV	Monroe	51.7
54065	WV	Morgan	36.0
54067	WV	Nicholas	49.8
54069	WV	Ohio	36.3
54071	WV	Pendleton	57.7
54073	WV	Pleasants	52.9
54075	WV	Pocahontas	43.8
54077	WV	Preston	50.4
54079	WV	Putnam	46.6
54081	WV	Raleigh	50.3
54083	WV	Randolph	49.4
54085	WV	Ritchie	57.3
54087	WV	Roane	62.0
54089	WV	Summers	55.1
54091	WV	Taylor	54.6
54093	WV	Tucker	45.5
54095	WV	Tyler	52.0
54097	WV	Upshur	52.0
54099	WV	Wayne	61.7
54101	WV	Webster	67.9
54103	WV	Wetzel	52.6
54105	WV	Wirt	43.1
54107	WV	Wood	48.5
54109	WV	Wyoming	62.8
55001	WI	Adams	46.6
55003	WI	Ashland	38.0
55005	WI	Barron	36.0

55007	WI	Bayfield	37.7
55009	WI	Brown	39.3
55011	WI	Buffalo	38.1
55013	WI	Burnett	42.5
55015	WI	Calumet	36.9
55017	WI	Chippewa	37.4
55019	WI	Clark	50.2
55021	WI	Columbia	36.1
55023	WI	Crawford	38.0
55025	WI	Dane	30.5
55027	WI	Dodge	38.5
55029	WI	Door	31.7
55031	WI	Douglas	44.8
55033	WI	Dunn	35.7
55035	WI	Eau Claire	35.9
55037	WI	Florence	34.7
55039	WI	Fond du Lac	37.2
55041	WI	Forest	46.8
55043	WI	Grant	38.7
55045	WI	Green	33.9
55047	WI	Green Lake	36.6
55049	WI	Iowa	35.4
55051	WI	Iron	35.7
55053	WI	Jackson	43.4
55055	WI	Jefferson	36.6
55057	WI	Juneau	42.8
55059	WI	Kenosha	41.7
55061	WI	Kewaunee	35.7
55063	WI	La Crosse	31.8
55065	WI	Lafayette	39.1
55067	WI	Langlade	44.4
55069	WI	Lincoln	37.7
55071	WI	Manitowoc	37.9
55073	WI	Marathon	36.3
55075	WI	Marinette	39.9
55077	WI	Marquette	44.7
55079	WI	Milwaukee	46.0
55081	WI	Monroe	45.1
55083	WI	Oconto	39.8
55085	WI	Oneida	33.6
55087	WI	Outagamie	34.4
55089	WI	Ozaukee	24.4
55091	WI	Pepin	38.6
55093	WI	Pierce	34.2

55095	WI	Polk	34.4
55097	WI	Portage	37.8
55099	WI	Price	42.6
55101	WI	Racine	39.5
55103	WI	Richland	44.3
55105	WI	Rock	44.9
55107	WI	Rusk	46.6
55109	WI	St Croix	31.2
55111	WI	Sauk	39.5
55113	WI	Sawyer	40.3
55115	WI	Shawano	39.0
55117	WI	Sheboygan	35.9
55119	WI	Taylor	42.1
55121	WI	Trempealeau	41.1
55123	WI	Vernon	41.1
55125	WI	Vilas	38.3
55127	WI	Walworth	38.6
55129	WI	Washburn	36.8
55131	WI	Washington	33.1
55133	WI	Waukesha	25.5
55135	WI	Waupaca	40.1
55137	WI	Waushara	37.5
55139	WI	Winnebago	36.5
55141	WI	Wood	32.5
56001	WY	Albany	40.9
56003	WY	Big Horn	38.2
56005	WY	Campbell	33.9
56007	WY	Carbon	39.3
56009	WY	Converse	31.2
56011	WY	Crook	26.0
56013	WY	Fremont	35.2
56015	WY	Goshen	40.3
56017	WY	Hot Springs	31.8
56019	WY	Johnson	21.5
56021	WY	Laramie	36.4
56023	WY	Lincoln	32.5
56025	WY	Natrona	34.3
56027	WY	Niobrara	39.9
56029	WY	Park	24.6
56031	WY	Platte	41.1
56033	WY	Sheridan	28.0
56035	WY	Sublette	25.9
56037	WY	Sweetwater	40.5
56039	WY	Teton	17.2

56041	WY	Uinta	45.1
56043	WY	Washakie	39.1
56045	WY	Weston	37.7