

**PM2.5 Annual and Daily Design Values for Counties with Monitors  
1999 – 2003 Baseline Design Values vs. Projected Design Values in 2010 and 2015 Assuming Implementation of the Clean  
Air Interstate Rule (CAIR), Clean Air Mercury Rule (CAMR) and Clean Air Visibility Rule (CAVR)**

| State Name | County Name   | Average 99-03<br>Ambient FRM<br>Annual DV <sup>1</sup> | Average 99-03<br>Ambient FRM<br>Daily DV <sup>1</sup> | 2010 CAIR<br>CAMR CAVR<br>Control Annual<br>DV | 2010 CAIR<br>CAMR CAVR<br>SMAT Control<br>Daily DV | 2015 CAIR<br>CAMR CAVR<br>Control Annual<br>DV | 2015 CAIR<br>CAMR CAVR<br>SMAT Control<br>Daily DV |
|------------|---------------|--------------------------------------------------------|-------------------------------------------------------|------------------------------------------------|----------------------------------------------------|------------------------------------------------|----------------------------------------------------|
| Alabama    | Baldwin Co    | 11.4                                                   | 25.7                                                  | 10.2                                           | 23.0                                               | 9.9                                            | 22.5                                               |
| Alabama    | Clay Co       | 14.3                                                   | 33.4                                                  | 12.4                                           | 28.2                                               | 11.9                                           | 26.4                                               |
| Alabama    | Colbert Co    | 13.9                                                   | 31.0                                                  | 12.3                                           | 26.7                                               | 12.2                                           | 26.4                                               |
| Alabama    | DeKalb Co     | 15.6                                                   | 36.5                                                  | 13.9                                           | 32.7                                               | 13.5                                           | 32.2                                               |
| Alabama    | Escambia Co   | 13.0                                                   | 27.7                                                  | 11.8                                           | 24.8                                               | 11.4                                           | 24.1                                               |
| Alabama    | Houston Co    | 14.7                                                   | 30.7                                                  | 13.3                                           | 27.8                                               | 13.0                                           | 27.3                                               |
| Alabama    | Jefferson Co  | 19.0                                                   | 44.5                                                  | 17.4                                           | 41.3                                               | 17.4                                           | 41.8                                               |
| Alabama    | Madison Co    | 14.8                                                   | 33.1                                                  | 13.0                                           | 28.7                                               | 12.7                                           | 27.7                                               |
| Alabama    | Mobile Co     | 13.7                                                   | 30.1                                                  | 12.6                                           | 27.2                                               | 12.7                                           | 27.5                                               |
| Alabama    | Montgomery Co | 15.4                                                   | 33.9                                                  | 14.1                                           | 30.4                                               | 13.9                                           | 29.6                                               |
| Alabama    | Morgan Co     | 15.8                                                   |                                                       | 14.0                                           |                                                    | 13.9                                           |                                                    |
| Alabama    | Russell Co    | 16.7                                                   | 37.0                                                  | 15.1                                           | 33.5                                               | 14.7                                           | 32.5                                               |
| Alabama    | Shelby Co     | 15.3                                                   | 33.7                                                  | 13.8                                           | 29.9                                               | 13.5                                           | 29.2                                               |
| Alabama    | Sumter Co     | 13.3                                                   | 31.7                                                  | 11.9                                           | 28.1                                               | 11.6                                           | 27.0                                               |
| Alabama    | Talladega Co  | 16.1                                                   | 35.8                                                  | 14.0                                           | 30.9                                               | 13.3                                           | 29.6                                               |
| Arizona    | Gila Co       | 9.5                                                    | 24.4                                                  | 9.5                                            | 23.9                                               | 9.5                                            | 23.8                                               |
| Arizona    | Maricopa Co   | 11.4                                                   | 32.0                                                  | 11.3                                           | 31.2                                               | 11.5                                           | 31.6                                               |
| Arizona    | Pima Co       | 7.5                                                    | 17.5                                                  | 7.7                                            | 18.3                                               | 7.9                                            | 18.9                                               |
| Arizona    | Pinal Co      | 8.3                                                    | 19.4                                                  | 8.4                                            | 19.3                                               | 8.4                                            | 19.3                                               |
| Arizona    | Santa Cruz Co | 11.9                                                   | 30.1                                                  | 11.9                                           | 29.9                                               | 12.0                                           | 30.1                                               |
| Arkansas   | Arkansas Co   | 11.9                                                   |                                                       | 10.7                                           |                                                    | 10.5                                           |                                                    |
| Arkansas   | Ashley Co     | 11.8                                                   |                                                       | 10.7                                           |                                                    | 10.6                                           |                                                    |
| Arkansas   | Craighead Co  | 12.4                                                   | 30.4                                                  | 11.1                                           | 26.7                                               | 10.7                                           | 25.7                                               |

|            |                   |      |      |      |      |      |      |
|------------|-------------------|------|------|------|------|------|------|
| Arkansas   | Crittenden Co     | 13.4 | 32.2 | 12.3 | 29.3 | 12.6 | 29.8 |
| Arkansas   | Faulkner Co       | 12.6 | 29.2 | 11.6 | 26.1 | 11.3 | 25.4 |
| Arkansas   | Jefferson Co      | 13.3 |      | 12.5 |      | 12.6 |      |
| Arkansas   | Mississippi Co    | 12.0 | 30.6 | 10.9 | 27.2 | 10.8 | 26.4 |
| Arkansas   | Phillips Co       | 12.5 | 28.8 | 11.1 | 25.4 | 10.9 | 25.0 |
| Arkansas   | Polk Co           | 11.4 | 25.7 | 10.3 | 22.7 | 10.1 | 22.1 |
| Arkansas   | Pope Co           | 12.5 | 29.1 | 11.8 | 26.8 | 11.6 | 26.2 |
| Arkansas   | Pulaski Co        | 14.1 | 32.6 | 13.1 | 30.1 | 12.9 | 29.8 |
| Arkansas   | Sebastian Co      | 12.7 | 27.2 | 11.6 | 24.8 | 11.3 | 24.1 |
| Arkansas   | Union Co          | 13.0 |      | 12.4 |      | 12.5 |      |
| Arkansas   | White Co          | 11.9 | 26.8 | 10.8 | 23.7 | 10.6 | 22.7 |
| California | Alameda Co        | 12.0 | 51.6 | 11.8 | 47.8 | 12.9 | 51.9 |
| California | Butte Co          | 14.3 | 56.2 | 14.0 | 54.8 | 14.0 | 54.7 |
| California | Calaveras Co      | 9.1  | 24.6 | 8.7  | 23.2 | 8.5  | 22.4 |
| California | Colusa Co         | 9.9  | 36.3 | 9.7  | 35.2 | 9.7  | 34.8 |
| California | Contra Costa Co   | 11.1 | 47.4 | 10.9 | 46.2 | 12.0 | 50.3 |
| California | El Dorado Co      | 7.8  | 22.7 | 7.7  | 22.2 | 7.7  | 22.1 |
| California | Fresno Co         | 21.9 | 85.2 | 20.7 | 79.4 | 20.3 | 76.4 |
| California | Humboldt Co       | 8.9  | 26.4 | 8.5  | 25.1 | 8.6  | 25.5 |
| California | Imperial Co       | 15.2 | 48.4 | 15.0 | 47.2 | 15.2 | 47.9 |
| California | Inyo Co           | 6.2  | 41.4 | 6.2  | 40.9 | 6.2  | 40.5 |
| California | Kern Co           | 22.7 | 90.2 | 22.0 | 85.7 | 21.7 | 82.9 |
| California | Kings Co          | 18.5 | 80.9 | 17.2 | 72.1 | 16.6 | 67.7 |
| California | Lake Co           | 5.0  | 19.4 | 4.9  | 19.0 | 4.9  | 19.0 |
| California | Los Angeles Co    | 24.2 | 66.0 | 24.9 | 64.5 | 26.1 | 67.3 |
| California | Mendocino Co      | 8.1  | 26.6 | 8.0  | 26.2 | 8.1  | 26.5 |
| California | Merced Co         | 17.8 | 59.6 | 17.0 | 56.2 | 16.7 | 54.4 |
| California | Monterey Co       | 8.5  | 20.8 | 8.4  | 19.9 | 8.2  | 19.3 |
| California | Nevada Co         | 8.3  | 24.9 | 8.1  | 24.1 | 8.1  | 23.9 |
| California | Orange Co         | 20.4 | 42.7 | 21.0 | 40.6 | 21.9 | 40.7 |
| California | Placer Co         | 12.2 | 42.1 | 11.6 | 38.7 | 11.5 | 37.7 |
| California | Riverside Co      | 28.8 | 73.9 | 29.4 | 74.6 | 30.2 | 76.6 |
| California | Sacramento Co     | 13.0 | 54.6 | 12.4 | 50.7 | 12.3 | 49.7 |
| California | San Bernardino Co | 25.5 | 67.6 | 25.9 | 68.5 | 26.6 | 70.0 |
| California | San Diego Co      | 16.5 | 42.1 | 15.8 | 40.7 | 15.8 | 40.7 |
| California | San Francisco Co  | 11.8 | 51.9 | 11.6 | 49.9 | 11.7 | 50.9 |
| California | San Joaquin Co    | 15.5 | 56.0 | 14.8 | 51.1 | 15.1 | 50.1 |

|                    |                      |      |      |      |      |      |      |
|--------------------|----------------------|------|------|------|------|------|------|
| California         | San Luis Obispo Co   | 9.7  | 37.1 | 9.5  | 35.9 | 9.6  | 36.3 |
| California         | San Mateo Co         | 11.1 | 44.2 | 10.9 | 42.6 | 11.0 | 42.7 |
| California         | Santa Barbara Co     | 9.7  |      | 9.6  |      | 9.7  |      |
| California         | Santa Clara Co       | 11.5 | 51.4 | 10.9 | 47.6 | 10.8 | 46.9 |
| California         | Santa Cruz Co        | 8.6  | 20.5 | 8.2  | 19.6 | 8.2  | 19.5 |
| California         | Shasta Co            | 9.7  | 33.8 | 9.6  | 33.6 | 9.7  | 33.9 |
| California         | Solano Co            | 12.2 | 60.5 | 12.0 | 58.1 | 12.1 | 58.6 |
| California         | Sonoma Co            | 10.6 | 41.6 | 10.2 | 40.2 | 10.3 | 40.7 |
| California         | Stanislaus Co        | 17.9 | 70.4 | 16.9 | 64.5 | 16.6 | 61.7 |
| California         | Sutter Co            | 12.1 | 43.4 | 11.8 | 42.1 | 11.8 | 42.0 |
| California         | Tulare Co            | 23.1 | 88.3 | 21.9 | 82.0 | 21.2 | 77.2 |
| California         | Ventura Co           | 14.6 | 38.2 | 14.8 | 38.8 | 15.0 | 39.6 |
| California         | Yolo Co              | 10.9 | 36.3 | 10.4 | 33.6 | 10.3 | 32.8 |
| Colorado           | Adams Co             | 10.4 | 26.8 | 10.1 | 25.9 | 10.1 | 25.8 |
| Colorado           | Arapahoe Co          | 8.9  | 23.4 | 8.7  | 22.9 | 8.6  | 22.7 |
| Colorado           | Boulder Co           | 9.4  | 23.7 | 8.6  | 21.7 | 8.5  | 21.1 |
| Colorado           | Delta Co             | 8.3  | 18.6 | 8.0  | 17.7 | 7.9  | 17.5 |
| Colorado           | Denver Co            | 10.9 | 29.9 | 10.6 | 29.0 | 10.6 | 28.8 |
| Colorado           | Elbert Co            | 4.4  | 10.9 | 4.3  | 10.6 | 4.2  | 10.4 |
| Colorado           | El Paso Co           | 7.7  | 17.7 | 7.5  | 17.2 | 7.4  | 17.0 |
| Colorado           | Gunnison Co          | 6.7  | 18.4 | 6.6  | 17.9 | 6.5  | 17.8 |
| Colorado           | La Plata Co          | 5.5  | 14.8 | 5.3  | 14.0 | 5.3  | 13.9 |
| Colorado           | Larimer Co           | 8.1  | 21.0 | 7.8  | 20.2 | 7.6  | 19.7 |
| Colorado           | Mesa Co              | 7.6  | 18.9 | 7.3  | 18.0 | 7.3  | 17.9 |
| Colorado           | Pueblo Co            | 8.0  | 17.9 | 8.0  | 18.0 | 8.1  | 18.2 |
| Colorado           | Routt Co             | 7.4  | 16.9 | 7.3  | 15.9 | 7.3  | 16.0 |
| Colorado           | San Miguel Co        | 5.6  | 11.9 | 5.5  | 11.6 | 5.5  | 11.5 |
| Colorado           | Weld Co              | 9.6  | 27.5 | 8.9  | 25.3 | 8.7  | 24.8 |
| Connecticut        | Fairfield Co         | 13.5 | 37.8 | 11.5 | 32.5 | 10.9 | 31.2 |
| Connecticut        | Hartford Co          | 12.9 | 33.5 | 11.1 | 29.3 | 10.7 | 28.5 |
| Connecticut        | New Haven Co         | 16.7 | 40.7 | 12.0 | 30.8 | 11.5 | 29.6 |
| Connecticut        | New London Co        | 11.9 | 30.2 | 10.2 | 25.1 | 9.8  | 24.1 |
| Delaware           | Kent Co              | 13.3 | 34.7 | 11.0 | 27.3 | 10.4 | 25.9 |
| Delaware           | New Castle Co        | 16.4 | 40.5 | 14.9 | 36.3 | 14.5 | 35.7 |
| Delaware           | Sussex Co            | 14.1 | 38.9 | 11.6 | 31.3 | 10.9 | 29.3 |
| District of Columb | District of Columbia | 16.3 | 43.2 | 13.7 | 35.8 | 13.1 | 34.5 |
| Florida            | Alachua Co           | 10.4 | 24.0 | 9.1  | 20.9 | 8.9  | 20.2 |

|         |                 |      |      |      |      |      |      |
|---------|-----------------|------|------|------|------|------|------|
| Florida | Brevard Co      | 7.9  | 19.8 | 6.2  | 15.5 | 6.1  | 14.9 |
| Florida | Broward Co      | 8.5  | 21.6 | 7.6  | 19.6 | 7.6  | 19.7 |
| Florida | Citrus Co       | 9.7  | 24.0 | 8.2  | 20.0 | 7.9  | 19.1 |
| Florida | Duval Co        | 10.8 | 27.6 | 9.4  | 24.0 | 9.2  | 23.6 |
| Florida | Escambia Co     | 12.2 | 26.2 | 11.3 | 24.4 | 11.1 | 23.9 |
| Florida | Hillsborough Co | 11.6 | 26.2 | 9.4  | 21.2 | 9.1  | 20.7 |
| Florida | Lee Co          | 8.9  | 20.5 | 6.9  | 15.5 | 6.8  | 15.3 |
| Florida | Leon Co         | 12.9 | 29.5 | 11.7 | 26.4 | 11.5 | 25.8 |
| Florida | Manatee Co      | 10.0 | 25.5 | 7.6  | 19.3 | 7.4  | 18.9 |
| Florida | Marion Co       | 10.4 | 22.8 | 8.8  | 19.1 | 8.6  | 18.6 |
| Florida | Miami-Dade Co   | 9.8  | 20.6 | 8.7  | 18.2 | 8.5  | 18.1 |
| Florida | Orange Co       | 10.7 | 25.3 | 8.7  | 20.4 | 8.4  | 19.7 |
| Florida | Palm Beach Co   | 7.7  | 20.0 | 6.2  | 16.1 | 6.1  | 15.8 |
| Florida | Pinellas Co     | 11.1 | 25.3 | 8.7  | 19.8 | 8.5  | 19.4 |
| Florida | Polk Co         | 10.9 | 24.7 | 8.9  | 20.3 | 8.8  | 20.0 |
| Florida | St. Lucie Co    | 9.0  | 20.0 | 7.2  | 15.9 | 7.1  | 15.6 |
| Florida | Sarasota Co     | 9.9  | 25.8 | 7.6  | 19.8 | 7.4  | 19.2 |
| Florida | Seminole Co     | 9.8  | 22.0 | 7.8  | 17.3 | 7.5  | 16.6 |
| Florida | Volusia Co      | 9.8  | 22.6 | 7.9  | 17.8 | 7.7  | 17.1 |
| Georgia | Bibb Co         | 16.4 | 32.5 | 15.2 | 30.0 | 14.8 | 29.6 |
| Georgia | Chatham Co      | 15.0 | 32.4 | 14.0 | 30.1 | 13.9 | 29.6 |
| Georgia | Clarke Co       | 17.1 | 38.7 | 14.9 | 31.0 | 14.0 | 29.1 |
| Georgia | Clayton Co      | 17.5 | 40.9 | 16.3 | 37.0 | 15.9 | 35.4 |
| Georgia | Cobb Co         | 17.1 | 38.7 | 15.3 | 34.4 | 14.6 | 33.0 |
| Georgia | DeKalb Co       | 16.9 | 41.0 | 15.7 | 35.9 | 15.3 | 34.6 |
| Georgia | Dougherty Co    | 15.1 | 34.4 | 13.8 | 31.4 | 13.4 | 30.5 |
| Georgia | Floyd Co        | 16.8 | 39.2 | 15.9 | 36.2 | 15.9 | 36.3 |
| Georgia | Fulton Co       | 19.5 | 42.0 | 16.9 | 36.2 | 16.4 | 35.2 |
| Georgia | Glynn Co        | 12.0 | 28.2 | 11.0 | 26.0 | 10.8 | 25.7 |
| Georgia | Gwinnett Co     | 16.3 |      | 14.0 |      | 13.5 |      |
| Georgia | Hall Co         | 16.1 | 34.1 | 14.2 | 30.1 | 13.4 | 28.7 |
| Georgia | Houston Co      | 12.9 |      | 11.6 |      | 11.1 |      |
| Georgia | Lowndes Co      | 12.0 | 29.9 | 10.9 | 27.2 | 10.8 | 26.9 |
| Georgia | Muscogee Co     | 16.2 | 41.7 | 14.6 | 37.7 | 14.1 | 36.9 |
| Georgia | Paulding Co     | 15.3 | 43.7 | 13.4 | 37.3 | 12.8 | 35.1 |
| Georgia | Richmond Co     | 15.9 | 34.2 | 14.7 | 31.9 | 14.2 | 31.1 |
| Georgia | Walker Co       | 15.7 | 35.3 | 14.2 | 30.7 | 13.7 | 29.4 |

|          |                |      |      |      |      |      |      |
|----------|----------------|------|------|------|------|------|------|
| Georgia  | Washington Co  | 15.4 |      | 14.2 |      | 13.6 |      |
| Georgia  | Wilkinson Co   | 16.3 | 36.3 | 15.2 | 33.3 | 15.0 | 32.7 |
| Idaho    | Ada Co         | 9.4  | 34.8 | 9.6  | 35.6 | 9.9  | 36.5 |
| Idaho    | Bannock Co     | 9.3  | 41.3 | 9.4  | 41.8 | 9.6  | 42.4 |
| Idaho    | Bonneville Co  | 6.7  | 20.8 | 6.7  | 20.7 | 6.7  | 20.8 |
| Idaho    | Canyon Co      | 10.0 | 36.6 | 9.8  | 35.6 | 9.9  | 35.5 |
| Idaho    | Power Co       | 10.7 | 37.5 | 10.8 | 38.0 | 11.0 | 38.6 |
| Idaho    | Shoshone Co    | 12.8 | 37.2 | 12.6 | 36.8 | 12.6 | 36.8 |
| Illinois | Adams Co       | 13.0 | 28.6 | 11.9 | 25.8 | 11.6 | 25.2 |
| Illinois | Champaign Co   | 12.9 | 27.7 | 11.6 | 25.2 | 11.4 | 24.9 |
| Illinois | Cook Co        | 18.0 | 42.5 | 16.9 | 39.1 | 16.9 | 39.3 |
| Illinois | DuPage Co      | 15.0 | 34.8 | 13.8 | 32.1 | 13.8 | 32.0 |
| Illinois | Kane Co        | 14.4 | 34.5 | 13.3 | 31.7 | 13.1 | 31.1 |
| Illinois | Lake Co        | 13.0 | 31.0 | 12.0 | 28.7 | 11.8 | 28.7 |
| Illinois | McHenry Co     | 13.1 | 33.4 | 12.1 | 30.5 | 11.8 | 29.8 |
| Illinois | McLean Co      | 13.9 | 30.4 | 12.4 | 26.5 | 12.2 | 26.0 |
| Illinois | Macon Co       | 14.2 | 34.5 | 12.9 | 31.8 | 12.7 | 31.6 |
| Illinois | Madison Co     | 17.4 | 36.5 | 15.9 | 33.8 | 16.0 | 33.9 |
| Illinois | Peoria Co      | 14.3 | 34.9 | 12.9 | 31.6 | 12.8 | 31.1 |
| Illinois | Randolph Co    | 13.1 | 29.4 | 11.7 | 26.1 | 11.5 | 25.5 |
| Illinois | Rock Island Co | 12.4 | 28.4 | 11.2 | 25.5 | 10.9 | 24.8 |
| Illinois | St. Clair Co   | 16.9 | 37.0 | 15.5 | 34.2 | 15.6 | 34.4 |
| Illinois | Sangamon Co    | 13.6 | 33.3 | 12.3 | 29.6 | 12.0 | 28.8 |
| Illinois | Will Co        | 15.4 | 35.5 | 14.3 | 33.2 | 14.2 | 32.8 |
| Indiana  | Allen Co       | 14.5 | 33.1 | 13.3 | 31.2 | 13.0 | 30.8 |
| Indiana  | Clark Co       | 16.9 |      | 15.1 |      | 14.8 |      |
| Indiana  | Delaware Co    | 14.7 | 33.7 | 13.2 | 30.6 | 12.8 | 30.0 |
| Indiana  | Dubois Co      | 16.0 |      | 14.4 |      | 14.2 |      |
| Indiana  | Elkhart Co     | 15.3 | 37.4 | 13.9 | 33.7 | 13.7 | 33.2 |
| Indiana  | Floyd Co       | 15.4 | 37.7 | 13.5 | 32.0 | 13.2 | 31.0 |
| Indiana  | Henry Co       | 13.6 | 28.7 | 12.0 | 26.2 | 11.7 | 25.6 |
| Indiana  | Howard Co      | 14.9 | 34.8 | 13.4 | 31.8 | 13.1 | 31.4 |
| Indiana  | Knox Co        | 13.8 | 35.4 | 12.1 | 30.1 | 11.8 | 29.1 |
| Indiana  | Lake Co        | 17.8 | 39.5 | 16.5 | 35.8 | 16.3 | 36.8 |
| Indiana  | La Porte Co    | 13.5 | 32.9 | 12.5 | 30.4 | 12.3 | 30.2 |
| Indiana  | Madison Co     | 14.8 | 36.6 | 13.2 | 32.9 | 12.9 | 31.9 |
| Indiana  | Marion Co      | 16.9 | 37.7 | 15.5 | 33.9 | 15.3 | 33.6 |

|          |                  |      |      |      |      |      |      |
|----------|------------------|------|------|------|------|------|------|
| Indiana  | Porter Co        | 14.0 | 33.6 | 13.3 | 31.9 | 13.7 | 32.7 |
| Indiana  | St. Joseph Co    | 14.4 | 35.6 | 13.2 | 32.9 | 12.9 | 32.4 |
| Indiana  | Spencer Co       | 14.4 | 31.3 | 12.6 | 26.7 | 12.4 | 26.2 |
| Indiana  | Vanderburgh Co   | 15.6 | 39.0 | 14.3 | 35.1 | 14.2 | 34.6 |
| Indiana  | Vigo Co          | 14.9 | 37.6 | 13.2 | 33.4 | 12.9 | 32.7 |
| Iowa     | Black Hawk Co    | 11.5 | 28.4 | 10.4 | 26.3 | 10.1 | 26.0 |
| Iowa     | Cerro Gordo Co   | 10.6 | 28.2 | 9.4  | 25.4 | 9.1  | 24.7 |
| Iowa     | Clinton Co       | 12.3 | 31.5 | 11.0 | 28.3 | 10.8 | 27.6 |
| Iowa     | Emmet Co         | 8.8  | 23.6 | 7.9  | 21.2 | 7.5  | 20.2 |
| Iowa     | Johnson Co       | 11.5 | 30.1 | 10.4 | 27.6 | 10.1 | 27.1 |
| Iowa     | Linn Co          | 11.2 | 31.5 | 10.3 | 29.9 | 10.1 | 29.6 |
| Iowa     | Muscatine Co     | 13.0 | 35.0 | 11.8 | 32.1 | 11.7 | 32.0 |
| Iowa     | Polk Co          | 10.7 | 27.8 | 9.6  | 25.2 | 9.3  | 24.4 |
| Iowa     | Pottawattamie Co | 10.5 | 25.0 | 9.6  | 22.7 | 9.3  | 21.8 |
| Iowa     | Scott Co         | 12.8 | 31.2 | 11.4 | 28.1 | 11.2 | 27.6 |
| Iowa     | Van Buren Co     | 10.5 | 27.8 | 9.4  | 25.1 | 9.1  | 24.3 |
| Iowa     | Woodbury Co      | 10.1 | 26.6 | 9.2  | 24.1 | 8.9  | 23.2 |
| Kansas   | Johnson Co       | 12.0 | 27.5 | 10.9 | 25.2 | 10.4 | 23.9 |
| Kansas   | Linn Co          | 10.9 | 24.8 | 9.9  | 22.9 | 9.4  | 21.2 |
| Kansas   | Sedgwick Co      | 11.4 | 26.2 | 10.3 | 23.8 | 9.9  | 22.6 |
| Kansas   | Shawnee Co       | 11.0 | 25.7 | 10.2 | 24.2 | 9.8  | 23.0 |
| Kansas   | Sumner Co        | 10.3 | 22.0 | 9.3  | 20.6 | 8.9  | 19.5 |
| Kansas   | Wyandotte Co     | 13.7 | 29.5 | 12.6 | 27.2 | 12.3 | 26.5 |
| Kentucky | Bell Co          | 15.3 | 31.5 | 13.2 | 27.9 | 12.5 | 26.9 |
| Kentucky | Boyd Co          | 15.4 | 36.2 | 13.4 | 30.7 | 12.9 | 29.1 |
| Kentucky | Bullitt Co       | 15.6 | 34.2 | 13.6 | 29.3 | 13.1 | 28.0 |
| Kentucky | Campbell Co      | 15.1 | 35.3 | 13.3 | 31.6 | 12.8 | 30.9 |
| Kentucky | Carter Co        | 12.7 | 28.6 | 10.7 | 23.7 | 10.1 | 22.3 |
| Kentucky | Christian Co     | 14.1 | 31.5 | 12.4 | 27.3 | 12.1 | 26.4 |
| Kentucky | Daviess Co       | 14.9 | 33.6 | 12.8 | 28.7 | 12.6 | 28.0 |
| Kentucky | Fayette Co       | 16.4 | 36.3 | 14.1 | 30.7 | 13.5 | 28.9 |
| Kentucky | Franklin Co      | 14.2 | 34.0 | 12.2 | 28.3 | 11.7 | 27.2 |
| Kentucky | Hardin Co        | 14.6 | 32.2 | 12.7 | 27.8 | 12.1 | 26.8 |
| Kentucky | Jefferson Co     | 17.1 | 41.5 | 15.4 | 37.5 | 15.1 | 36.7 |
| Kentucky | Kenton Co        | 15.5 | 37.1 | 13.7 | 33.3 | 13.2 | 32.5 |
| Kentucky | McCracken Co     | 14.2 | 31.2 | 12.8 | 27.7 | 12.6 | 27.2 |
| Kentucky | Madison Co       | 14.3 | 30.8 | 12.2 | 25.5 | 11.5 | 23.9 |

|               |                    |      |      |      |      |      |      |
|---------------|--------------------|------|------|------|------|------|------|
| Kentucky      | Perry Co           | 13.5 |      | 11.5 |      | 10.9 |      |
| Kentucky      | Pike Co            | 14.9 | 31.3 | 12.6 | 25.4 | 11.8 | 23.7 |
| Kentucky      | Warren Co          | 14.6 | 31.7 | 12.7 | 28.0 | 12.3 | 27.3 |
| Louisiana     | Caddo Parish       | 13.1 | 29.4 | 12.0 | 27.1 | 12.0 | 27.2 |
| Louisiana     | Calcasieu Parish   | 12.0 | 33.3 | 11.1 | 30.5 | 11.0 | 30.4 |
| Louisiana     | East Baton Rouge P | 13.7 | 31.1 | 13.4 | 30.1 | 13.7 | 31.0 |
| Louisiana     | Iberville Parish   | 13.1 | 30.3 | 12.5 | 29.1 | 12.8 | 30.0 |
| Louisiana     | Jefferson Parish   | 12.8 | 27.6 | 12.0 | 25.9 | 12.2 | 26.4 |
| Louisiana     | Lafayette Parish   | 11.6 | 28.8 | 10.8 | 26.3 | 10.9 | 26.4 |
| Louisiana     | Orleans Parish     | 13.1 | 29.9 | 12.2 | 28.0 | 12.4 | 28.5 |
| Louisiana     | Ouachita Parish    | 12.2 | 28.4 | 11.4 | 26.2 | 11.6 | 26.7 |
| Louisiana     | St. Bernard Parish | 10.9 | 23.4 | 9.8  | 20.9 | 9.7  | 20.8 |
| Louisiana     | Tangipahoa Parish  | 12.2 | 27.6 | 11.0 | 25.0 | 11.1 | 25.0 |
| Louisiana     | Terrebonne Parish  | 10.6 | 23.5 | 9.8  | 22.3 | 9.9  | 22.5 |
| Louisiana     | West Baton Rouge P | 13.3 | 29.4 | 12.9 | 28.6 | 13.3 | 29.5 |
| Maine         | Androscoggin Co    | 10.6 | 30.9 | 9.7  | 27.6 | 9.5  | 27.0 |
| Maine         | Aroostook Co       | 11.2 | 27.1 | 11.1 | 28.0 | 11.0 | 27.9 |
| Maine         | Cumberland Co      | 11.4 | 32.9 | 10.2 | 29.7 | 10.0 | 29.1 |
| Maine         | Hancock Co         | 6.2  | 22.6 | 5.6  | 19.9 | 5.6  | 19.5 |
| Maine         | Kennebec Co        | 10.6 | 31.0 | 9.8  | 28.0 | 9.6  | 27.4 |
| Maine         | Oxford Co          | 10.3 | 26.8 | 9.7  | 25.9 | 9.6  | 25.5 |
| Maine         | Penobscot Co       | 9.9  | 27.7 | 9.4  | 26.8 | 9.3  | 26.4 |
| Maine         | York Co            | 9.6  | 28.3 | 8.6  | 25.1 | 8.5  | 24.6 |
| Maryland      | Anne Arundel Co    | 15.6 | 39.2 | 13.0 | 34.3 | 12.4 | 33.7 |
| Maryland      | Baltimore Co       | 15.2 | 38.9 | 13.1 | 35.5 | 12.8 | 35.3 |
| Maryland      | Harford Co         | 13.5 | 34.0 | 11.6 | 29.8 | 11.4 | 29.3 |
| Maryland      | Montgomery Co      | 13.0 | 35.5 | 10.8 | 29.9 | 10.3 | 29.1 |
| Maryland      | Washington Co      | 14.4 | 37.6 | 11.7 | 31.4 | 11.0 | 30.1 |
| Maryland      | Baltimore city     | 17.2 | 41.8 | 14.9 | 38.3 | 14.6 | 38.0 |
| Massachusetts | Berkshire Co       | 12.4 | 33.9 | 10.9 | 28.9 | 10.6 | 28.1 |
| Massachusetts | Hampden Co         | 13.8 | 38.7 | 12.1 | 33.1 | 11.8 | 32.2 |
| Massachusetts | Plymouth Co        | 11.3 | 31.0 | 10.0 | 27.0 | 9.8  | 26.3 |
| Massachusetts | Suffolk Co         | 12.8 | 30.4 | 11.5 | 27.4 | 11.1 | 26.5 |
| Michigan      | Allegan Co         | 12.4 | 35.4 | 11.4 | 32.9 | 11.1 | 32.3 |
| Michigan      | Bay Co             | 11.2 | 31.1 | 10.4 | 28.6 | 10.3 | 28.4 |
| Michigan      | Berrien Co         | 12.6 | 31.9 | 11.6 | 29.7 | 11.4 | 29.1 |
| Michigan      | Chippewa Co        | 8.3  | 26.8 | 7.8  | 25.3 | 7.7  | 24.9 |

|             |                |      |      |      |      |      |      |
|-------------|----------------|------|------|------|------|------|------|
| Michigan    | Genesee Co     | 12.7 | 33.9 | 11.5 | 30.8 | 11.3 | 30.1 |
| Michigan    | Ingham Co      | 13.4 | 35.0 | 12.2 | 32.4 | 11.9 | 31.6 |
| Michigan    | Kalamazoo Co   | 14.9 | 36.7 | 13.6 | 34.2 | 13.3 | 33.6 |
| Michigan    | Kent Co        | 13.9 | 36.5 | 12.8 | 33.8 | 12.5 | 33.2 |
| Michigan    | Macomb Co      | 13.3 | 36.4 | 12.2 | 33.0 | 12.0 | 32.2 |
| Michigan    | Monroe Co      | 15.3 | 36.7 | 14.0 | 35.5 | 13.7 | 34.7 |
| Michigan    | Muskegon Co    | 12.2 | 34.3 | 11.4 | 32.1 | 11.1 | 31.5 |
| Michigan    | Oakland Co     | 14.9 | 39.5 | 13.7 | 36.0 | 13.5 | 35.5 |
| Michigan    | Ottawa Co      | 13.4 | 35.1 | 12.4 | 32.2 | 12.1 | 31.5 |
| Michigan    | Saginaw Co     | 10.8 | 29.8 | 10.1 | 27.5 | 10.0 | 27.2 |
| Michigan    | St. Clair Co   | 13.9 | 37.7 | 12.9 | 35.5 | 12.7 | 34.9 |
| Michigan    | Washtenaw Co   | 14.6 | 35.7 | 13.3 | 33.1 | 13.0 | 32.4 |
| Michigan    | Wayne Co       | 19.6 | 44.3 | 18.2 | 41.9 | 18.0 | 41.3 |
| Minnesota   | Dakota Co      | 10.3 | 28.6 | 9.2  | 25.3 | 8.9  | 24.6 |
| Minnesota   | Hennepin Co    | 10.8 | 29.9 | 9.5  | 26.0 | 9.2  | 25.5 |
| Minnesota   | Mille Lacs Co  | 7.4  | 23.6 | 6.7  | 20.7 | 6.5  | 20.1 |
| Minnesota   | Olmsted Co     | 11.2 | 28.7 | 9.9  | 26.5 | 9.5  | 25.9 |
| Minnesota   | Ramsey Co      | 12.2 | 33.4 | 10.7 | 29.2 | 10.5 | 28.5 |
| Minnesota   | St. Louis Co   | 8.4  | 23.5 | 7.9  | 21.8 | 7.9  | 21.9 |
| Minnesota   | Scott Co       | 10.4 | 26.9 | 9.3  | 23.5 | 8.9  | 22.7 |
| Minnesota   | Stearns Co     | 9.7  | 25.8 | 8.7  | 24.5 | 8.4  | 23.9 |
| Mississippi | Adams Co       | 11.4 | 30.9 | 10.5 | 28.4 | 10.6 | 28.6 |
| Mississippi | Bolivar Co     | 12.8 | 33.6 | 11.1 | 28.8 | 11.0 | 28.3 |
| Mississippi | DeSoto Co      | 13.2 | 31.0 | 11.8 | 27.0 | 11.7 | 26.5 |
| Mississippi | Forrest Co     | 13.5 | 31.0 | 12.3 | 28.4 | 12.2 | 28.2 |
| Mississippi | Hancock Co     | 11.0 | 24.6 | 9.9  | 22.2 | 9.8  | 22.0 |
| Mississippi | Harrison Co    | 11.6 | 26.3 | 10.5 | 24.0 | 10.4 | 23.6 |
| Mississippi | Hinds Co       | 14.1 | 31.7 | 12.7 | 28.7 | 12.7 | 28.7 |
| Mississippi | Jackson Co     | 12.6 | 26.7 | 11.6 | 24.6 | 11.5 | 24.5 |
| Mississippi | Jones Co       | 15.3 | 32.7 | 14.2 | 29.7 | 14.2 | 29.4 |
| Mississippi | Lauderdale Co  | 13.3 | 32.9 | 12.0 | 29.2 | 11.7 | 28.5 |
| Mississippi | Lee Co         | 13.2 | 28.7 | 11.8 | 25.0 | 11.5 | 24.2 |
| Mississippi | Lowndes Co     | 13.7 | 33.0 | 12.3 | 29.0 | 12.1 | 28.6 |
| Mississippi | Pearl River Co | 11.7 | 26.2 | 10.7 | 24.1 | 10.6 | 24.0 |
| Mississippi | Rankin Co      | 13.4 | 31.4 | 12.1 | 27.8 | 12.1 | 27.6 |
| Mississippi | Scott Co       | 11.9 | 28.8 | 10.6 | 24.9 | 10.4 | 24.2 |
| Mississippi | Warren Co      | 12.5 | 30.9 | 10.4 | 25.4 | 10.4 | 25.2 |



|               |                   |      |      |      |      |      |      |
|---------------|-------------------|------|------|------|------|------|------|
| Missouri      | Buchanan Co       | 12.5 | 28.8 | 11.4 | 26.2 | 10.9 | 25.1 |
| Missouri      | Cass Co           | 11.4 | 26.7 | 10.4 | 24.6 | 9.9  | 23.3 |
| Missouri      | Cedar Co          | 11.6 | 26.5 | 10.5 | 24.0 | 10.0 | 23.0 |
| Missouri      | Clay Co           | 12.9 | 30.2 | 11.9 | 28.3 | 11.5 | 27.4 |
| Missouri      | Greene Co         | 12.3 | 28.3 | 11.1 | 25.8 | 10.8 | 24.7 |
| Missouri      | Jackson Co        | 12.3 | 29.2 | 11.1 | 26.8 | 10.7 | 25.7 |
| Missouri      | Jasper Co         | 13.9 | 29.6 | 12.2 | 26.7 | 11.9 | 25.6 |
| Missouri      | Jefferson Co      | 14.8 | 35.3 | 13.3 | 31.8 | 13.0 | 31.0 |
| Missouri      | Monroe Co         | 11.2 | 30.7 | 10.1 | 27.7 | 9.7  | 26.8 |
| Missouri      | St. Charles Co    | 14.5 | 35.8 | 13.5 | 33.5 | 13.4 | 33.2 |
| Missouri      | Ste. Genevieve Co | 14.0 | 33.0 | 12.7 | 29.6 | 12.5 | 29.1 |
| Missouri      | St. Louis Co      | 14.5 | 34.6 | 12.9 | 30.8 | 12.6 | 30.1 |
| Missouri      | St. Louis city    | 15.6 | 35.7 | 14.4 | 33.1 | 14.4 | 33.4 |
| Montana       | Cascade Co        | 6.0  | 24.8 | 5.9  | 24.3 | 5.9  | 24.3 |
| Montana       | Flathead Co       | 8.7  | 27.6 | 8.5  | 26.8 | 8.5  | 26.8 |
| Montana       | Gallatin Co       | 8.7  | 32.9 | 8.6  | 32.3 | 8.6  | 32.3 |
| Montana       | Lake Co           | 10.0 | 30.3 | 9.7  | 29.5 | 9.7  | 29.5 |
| Montana       | Lincoln Co        | 16.3 | 45.6 | 16.0 | 44.6 | 16.0 | 44.6 |
| Montana       | Missoula Co       | 11.2 | 40.6 | 10.9 | 39.3 | 11.0 | 39.7 |
| Montana       | Ravalli Co        | 9.6  | 43.1 | 9.3  | 41.7 | 9.2  | 41.4 |
| Montana       | Rosebud Co        | 7.0  | 17.3 | 6.8  | 16.9 | 6.9  | 17.0 |
| Montana       | Sanders Co        | 6.5  | 19.7 | 6.3  | 19.1 | 6.3  | 19.1 |
| Montana       | Silver Bow Co     | 8.7  | 36.0 | 8.6  | 35.1 | 8.6  | 35.3 |
| Montana       | Yellowstone Co    | 7.6  | 21.4 | 7.5  | 20.8 | 7.5  | 20.8 |
| Nebraska      | Cass Co           | 10.4 | 25.3 | 9.5  | 23.1 | 9.1  | 22.1 |
| Nebraska      | Douglas Co        | 10.8 | 27.0 | 9.9  | 24.4 | 9.6  | 23.4 |
| Nebraska      | Hall Co           | 8.6  | 23.8 | 7.8  | 21.8 | 7.5  | 21.0 |
| Nebraska      | Lancaster Co      | 10.0 | 24.5 | 9.2  | 22.5 | 8.9  | 21.7 |
| Nebraska      | Lincoln Co        | 7.1  | 18.4 | 6.7  | 17.6 | 6.6  | 17.2 |
| Nebraska      | Sarpy Co          | 10.3 | 25.6 | 9.5  | 23.5 | 9.2  | 22.6 |
| Nebraska      | Scotts Bluff Co   | 6.0  | 16.1 | 5.8  | 15.5 | 5.8  | 15.3 |
| Nebraska      | Washington Co     | 9.9  | 25.3 | 9.1  | 23.3 | 8.8  | 22.4 |
| Nevada        | Clark Co          | 11.0 | 31.6 | 11.6 | 33.3 | 11.8 | 34.1 |
| Nevada        | Washoe Co         | 9.4  | 32.5 | 9.3  | 32.1 | 9.3  | 32.1 |
| New Hampshire | Cheshire Co       | 11.8 | 32.9 | 10.4 | 28.6 | 10.1 | 27.7 |
| New Hampshire | Coos Co           | 10.1 | 29.3 | 9.5  | 25.9 | 9.3  | 25.4 |
| New Hampshire | Merrimack Co      | 10.0 | 29.1 | 8.7  | 25.9 | 8.5  | 25.5 |

|                |                 |      |      |      |      |      |      |
|----------------|-----------------|------|------|------|------|------|------|
| New Hampshire  | Sullivan Co     | 10.0 | 29.8 | 8.7  | 25.9 | 8.5  | 25.2 |
| New Jersey     | Bergen Co       | 14.1 | 35.9 | 12.1 | 29.8 | 11.6 | 28.4 |
| New Jersey     | Camden Co       | 14.5 | 36.8 | 12.5 | 33.9 | 12.0 | 33.4 |
| New Jersey     | Gloucester Co   | 14.0 | 35.1 | 12.5 | 31.8 | 12.2 | 31.2 |
| New Jersey     | Hudson Co       | 15.4 | 38.7 | 13.2 | 33.5 | 12.6 | 32.2 |
| New Jersey     | Mercer Co       | 14.3 | 37.6 | 12.2 | 31.1 | 11.7 | 29.7 |
| New Jersey     | Middlesex Co    | 12.7 | 33.7 | 10.8 | 28.2 | 10.3 | 27.3 |
| New Jersey     | Morris Co       | 12.7 | 36.1 | 10.8 | 31.6 | 10.4 | 30.5 |
| New Jersey     | Union Co        | 15.9 | 39.9 | 13.6 | 34.8 | 13.1 | 33.5 |
| New Jersey     | Warren Co       | 13.6 | 36.4 | 11.7 | 31.6 | 11.3 | 30.7 |
| New Mexico     | Bernalillo Co   | 6.5  | 18.8 | 6.5  | 18.7 | 6.6  | 19.2 |
| New Mexico     | Chaves Co       | 6.8  | 16.0 | 6.6  | 15.5 | 6.6  | 15.5 |
| New Mexico     | Dona Ana Co     | 11.2 | 32.3 | 10.8 | 31.2 | 10.7 | 31.1 |
| New Mexico     | Grant Co        | 6.0  | 14.0 | 5.9  | 13.8 | 5.9  | 13.8 |
| New Mexico     | Lea Co          | 6.8  | 15.7 | 6.5  | 15.0 | 6.5  | 14.8 |
| New Mexico     | Sandoval Co     | 10.2 | 27.5 | 10.0 | 26.9 | 10.0 | 27.0 |
| New Mexico     | San Juan Co     | 6.3  | 14.0 | 6.2  | 13.6 | 6.2  | 13.6 |
| New Mexico     | Santa Fe Co     | 4.9  | 11.0 | 4.8  | 10.7 | 4.8  | 10.7 |
| New York       | Bronx Co        | 16.0 | 39.3 | 13.6 | 34.7 | 13.0 | 33.5 |
| New York       | Chautauqua Co   | 11.0 | 32.8 | 9.5  | 26.6 | 9.0  | 25.1 |
| New York       | Erie Co         | 14.4 | 39.6 | 12.5 | 32.8 | 11.9 | 31.4 |
| New York       | Essex Co        | 6.5  | 23.2 | 5.8  | 19.8 | 5.6  | 19.0 |
| New York       | Kings Co        | 14.9 | 37.1 | 12.7 | 31.3 | 12.3 | 30.1 |
| New York       | Monroe Co       | 11.5 | 32.2 | 10.0 | 27.4 | 9.6  | 26.3 |
| New York       | Nassau Co       | 12.4 | 32.7 | 10.6 | 28.3 | 10.2 | 27.4 |
| New York       | New York Co     | 17.6 | 40.7 | 15.0 | 35.3 | 14.3 | 34.1 |
| New York       | Niagara Co      | 12.3 | 35.4 | 10.8 | 29.7 | 10.3 | 28.1 |
| New York       | Onondaga Co     | 10.7 | 34.1 | 9.2  | 28.2 | 8.8  | 26.8 |
| New York       | Orange Co       | 11.6 | 30.0 | 10.0 | 26.2 | 9.5  | 25.1 |
| New York       | Queens Co       | 13.6 | 37.7 | 11.6 | 32.2 | 11.1 | 30.9 |
| New York       | Richmond Co     | 12.4 | 31.2 | 10.6 | 27.6 | 10.1 | 26.8 |
| New York       | St. Lawrence Co | 8.6  | 29.6 | 7.8  | 26.1 | 7.6  | 25.4 |
| New York       | Steuben Co      | 10.0 | 29.4 | 8.4  | 24.0 | 8.0  | 22.8 |
| New York       | Suffolk Co      | 12.4 | 34.3 | 10.3 | 28.7 | 9.8  | 27.6 |
| New York       | Westchester Co  | 12.6 | 34.1 | 10.7 | 29.3 | 10.3 | 28.1 |
| North Carolina | Alamance Co     | 14.5 | 34.0 | 12.6 | 28.5 | 11.9 | 26.6 |
| North Carolina | Buncombe Co     | 14.1 | 31.1 | 12.2 | 26.6 | 11.5 | 24.9 |

|                |                |      |      |      |      |      |      |
|----------------|----------------|------|------|------|------|------|------|
| North Carolina | Cabarrus Co    | 15.1 | 32.2 | 13.0 | 27.1 | 12.2 | 25.2 |
| North Carolina | Caswell Co     | 13.9 | 35.7 | 12.1 | 28.9 | 11.4 | 26.4 |
| North Carolina | Catawba Co     | 16.3 | 33.4 | 14.0 | 28.5 | 13.3 | 27.7 |
| North Carolina | Chatham Co     | 12.8 | 28.4 | 11.0 | 23.2 | 10.3 | 21.6 |
| North Carolina | Cumberland Co  | 14.7 | 31.2 | 12.9 | 27.8 | 12.2 | 26.6 |
| North Carolina | Davidson Co    | 16.6 | 36.7 | 14.3 | 30.0 | 13.4 | 27.8 |
| North Carolina | Duplin Co      | 12.4 | 26.8 | 10.8 | 23.1 | 10.2 | 22.0 |
| North Carolina | Durham Co      | 14.7 | 33.1 | 12.6 | 28.4 | 11.7 | 27.2 |
| North Carolina | Forsyth Co     | 15.5 | 36.3 | 13.1 | 30.7 | 12.2 | 28.7 |
| North Carolina | Gaston Co      | 14.7 | 29.2 | 12.7 | 25.2 | 11.7 | 23.7 |
| North Carolina | Guilford Co    | 14.0 |      | 12.2 |      | 11.4 |      |
| North Carolina | Haywood Co     | 14.5 | 29.4 | 12.7 | 26.1 | 12.0 | 25.5 |
| North Carolina | Jackson Co     | 13.0 |      | 11.2 |      | 10.5 |      |
| North Carolina | Lenoir Co      | 11.9 | 26.2 | 10.2 | 22.2 | 9.6  | 20.7 |
| North Carolina | McDowell Co    | 15.3 | 30.8 | 13.2 | 27.5 | 12.3 | 26.4 |
| North Carolina | Mecklenburg Co | 15.8 | 32.7 | 13.9 | 29.3 | 13.0 | 28.1 |
| North Carolina | Mitchell Co    | 14.5 | 31.5 | 12.4 | 26.7 | 11.6 | 25.3 |
| North Carolina | Montgomery Co  | 12.6 | 28.6 | 10.8 | 24.0 | 10.0 | 22.6 |
| North Carolina | Onslow Co      | 11.6 | 27.0 | 10.1 | 23.5 | 9.4  | 22.1 |
| North Carolina | Orange Co      | 13.7 | 29.1 | 11.7 | 24.4 | 10.9 | 22.9 |
| North Carolina | Pitt Co        | 12.6 | 30.1 | 10.8 | 25.6 | 10.2 | 24.2 |
| North Carolina | Robeson Co     | 12.8 | 26.4 | 11.1 | 22.8 | 10.4 | 21.3 |
| North Carolina | Swain Co       | 13.5 | 29.7 | 11.7 | 24.8 | 10.9 | 23.1 |
| North Carolina | Wake Co        | 14.6 | 32.9 | 12.6 | 28.8 | 11.9 | 27.6 |
| North Carolina | Wayne Co       | 14.5 | 31.3 | 12.3 | 25.7 | 11.6 | 24.4 |
| North Dakota   | Billings Co    | 4.5  | 12.0 | 4.3  | 10.7 | 4.3  | 10.5 |
| North Dakota   | Burke Co       | 5.8  | 15.3 | 5.5  | 14.5 | 5.4  | 14.3 |
| North Dakota   | Burleigh Co    | 6.8  | 16.7 | 6.3  | 15.5 | 6.1  | 15.1 |
| North Dakota   | Cass Co        | 8.1  | 23.5 | 7.4  | 21.4 | 7.2  | 20.7 |
| North Dakota   | Mercer Co      | 6.2  | 16.4 | 6.0  | 15.6 | 5.9  | 15.4 |
| Ohio           | Athens Co      | 12.5 | 31.8 | 10.3 | 25.2 | 9.7  | 23.7 |
| Ohio           | Butler Co      | 16.8 | 39.8 | 15.0 | 35.1 | 14.6 | 34.1 |
| Ohio           | Clark Co       | 14.7 | 35.6 | 13.1 | 31.5 | 12.6 | 30.3 |
| Ohio           | Cuyahoga Co    | 19.3 | 45.8 | 17.1 | 42.1 | 16.7 | 41.5 |
| Ohio           | Franklin Co    | 17.2 | 40.0 | 15.1 | 36.4 | 14.5 | 35.7 |
| Ohio           | Hamilton Co    | 18.6 | 43.1 | 16.6 | 37.8 | 16.1 | 36.7 |
| Ohio           | Jefferson Co   | 18.3 | 45.3 | 15.6 | 37.4 | 15.2 | 36.1 |

|              |               |      |      |      |      |      |      |
|--------------|---------------|------|------|------|------|------|------|
| Ohio         | Lake Co       | 13.7 | 40.1 | 12.2 | 34.2 | 11.8 | 33.0 |
| Ohio         | Lawrence Co   | 16.3 | 39.1 | 14.1 | 33.4 | 13.6 | 32.2 |
| Ohio         | Lorain Co     | 13.9 | 35.1 | 12.3 | 32.8 | 12.0 | 32.1 |
| Ohio         | Lucas Co      | 15.1 | 37.8 | 13.7 | 34.6 | 13.5 | 34.0 |
| Ohio         | Mahoning Co   | 15.8 | 39.1 | 13.4 | 33.8 | 12.9 | 33.0 |
| Ohio         | Montgomery Co | 15.6 | 38.3 | 13.8 | 33.5 | 13.3 | 32.4 |
| Ohio         | Portage Co    | 14.9 | 37.6 | 12.6 | 32.5 | 12.1 | 31.5 |
| Ohio         | Preble Co     | 13.5 | 34.6 | 11.9 | 29.8 | 11.4 | 28.6 |
| Ohio         | Scioto Co     | 18.3 | 43.9 | 15.9 | 37.1 | 15.5 | 36.3 |
| Ohio         | Stark Co      | 17.9 | 41.5 | 15.0 | 33.7 | 14.5 | 32.4 |
| Ohio         | Summit Co     | 17.0 | 41.5 | 14.7 | 34.6 | 14.2 | 33.3 |
| Ohio         | Trumbull Co   | 15.6 | 39.8 | 13.5 | 36.4 | 13.1 | 35.9 |
| Oklahoma     | Caddo Co      | 8.7  | 22.2 | 8.1  | 20.6 | 7.8  | 20.0 |
| Oklahoma     | Canadian Co   | 9.0  | 21.7 | 8.1  | 18.6 | 7.7  | 17.8 |
| Oklahoma     | Carter Co     | 10.2 | 22.1 | 9.3  | 21.7 | 9.1  | 21.0 |
| Oklahoma     | Cherokee Co   | 11.7 | 26.4 | 10.6 | 23.5 | 10.2 | 22.6 |
| Oklahoma     | Garfield Co   | 10.0 | 25.7 | 9.4  | 24.0 | 9.2  | 23.3 |
| Oklahoma     | Kay Co        | 10.7 | 24.3 | 9.8  | 22.0 | 9.3  | 20.9 |
| Oklahoma     | Lincoln Co    | 10.1 | 28.1 | 9.1  | 25.3 | 8.7  | 24.2 |
| Oklahoma     | Mayes Co      | 12.0 | 28.4 | 11.7 | 27.9 | 11.4 | 26.8 |
| Oklahoma     | Muskogee Co   | 12.2 | 27.1 | 11.2 | 24.8 | 10.9 | 23.9 |
| Oklahoma     | Oklahoma Co   | 10.6 | 26.9 | 9.8  | 24.9 | 9.5  | 24.1 |
| Oklahoma     | Ottawa Co     | 11.8 | 28.0 | 10.8 | 25.7 | 10.3 | 24.6 |
| Oklahoma     | Pittsburg Co  | 11.5 | 27.0 | 10.5 | 24.4 | 10.2 | 23.7 |
| Oklahoma     | Seminole Co   | 9.5  | 21.6 | 8.6  | 19.3 | 8.2  | 18.5 |
| Oklahoma     | Tulsa Co      | 12.0 | 29.6 | 11.2 | 27.9 | 11.0 | 27.0 |
| Oregon       | Columbia Co   | 6.4  | 16.2 | 6.0  | 15.3 | 6.2  | 15.7 |
| Oregon       | Deschutes Co  | 7.5  | 22.5 | 7.3  | 21.9 | 7.3  | 22.0 |
| Oregon       | Jackson Co    | 11.8 | 39.1 | 11.6 | 38.7 | 11.7 | 38.9 |
| Oregon       | Klamath Co    | 11.2 | 39.6 | 11.3 | 40.2 | 11.2 | 40.0 |
| Oregon       | Lane Co       | 13.4 | 56.0 | 13.0 | 54.0 | 12.9 | 53.4 |
| Oregon       | Linn Co       | 8.3  | 31.3 | 8.2  | 31.0 | 8.4  | 31.6 |
| Oregon       | Multnomah Co  | 8.8  | 26.3 | 8.3  | 24.5 | 8.5  | 25.0 |
| Oregon       | Union Co      | 6.8  | 23.1 | 6.7  | 22.9 | 6.7  | 23.1 |
| Oregon       | Wasco Co      | 7.7  | 22.9 | 7.4  | 23.2 | 7.4  | 23.3 |
| Oregon       | Washington Co | 9.5  | 33.9 | 8.9  | 31.3 | 9.0  | 31.8 |
| Pennsylvania | Adams Co      | 13.4 | 36.6 | 10.7 | 30.7 | 10.2 | 30.1 |

|                |                 |      |      |      |      |      |      |
|----------------|-----------------|------|------|------|------|------|------|
| Pennsylvania   | Allegheny Co    | 21.2 | 61.8 | 17.9 | 53.6 | 17.4 | 53.0 |
| Pennsylvania   | Beaver Co       | 16.0 | 41.9 | 13.7 | 36.9 | 13.1 | 36.1 |
| Pennsylvania   | Berks Co        | 16.2 | 42.4 | 13.6 | 37.6 | 13.0 | 36.6 |
| Pennsylvania   | Bucks Co        | 14.1 | 37.5 | 12.1 | 32.3 | 11.6 | 31.6 |
| Pennsylvania   | Cambria Co      | 15.6 | 38.8 | 12.7 | 29.1 | 12.0 | 27.4 |
| Pennsylvania   | Centre Co       | 13.0 | 37.5 | 10.7 | 31.8 | 10.2 | 30.7 |
| Pennsylvania   | Dauphin Co      | 15.7 | 43.7 | 12.9 | 35.4 | 12.2 | 34.4 |
| Pennsylvania   | Delaware Co     | 15.5 | 36.5 | 14.0 | 32.5 | 13.6 | 31.7 |
| Pennsylvania   | Erie Co         | 13.4 | 35.0 | 11.8 | 31.1 | 11.4 | 30.5 |
| Pennsylvania   | Lackawanna Co   | 12.3 | 35.8 | 10.3 | 30.5 | 9.8  | 29.4 |
| Pennsylvania   | Lancaster Co    | 17.0 | 43.5 | 14.1 | 36.9 | 13.3 | 35.6 |
| Pennsylvania   | Lehigh Co       | 14.2 | 39.0 | 12.0 | 35.6 | 11.5 | 34.9 |
| Pennsylvania   | Luzerne Co      | 13.0 | 33.4 | 10.9 | 29.9 | 10.4 | 29.1 |
| Pennsylvania   | Mercer Co       | 14.3 | 37.8 | 12.3 | 33.0 | 11.9 | 32.7 |
| Pennsylvania   | Montgomery Co   | 14.1 | 38.7 | 12.1 | 31.8 | 11.6 | 30.5 |
| Pennsylvania   | Northampton Co  | 14.4 | 39.3 | 12.4 | 34.8 | 11.9 | 34.1 |
| Pennsylvania   | Perry Co        | 12.8 | 34.3 | 10.5 | 28.0 | 10.0 | 26.8 |
| Pennsylvania   | Philadelphia Co | 16.5 | 40.1 | 15.0 | 36.3 | 14.6 | 35.7 |
| Pennsylvania   | Washington Co   | 15.6 | 40.5 | 12.9 | 32.3 | 12.5 | 31.0 |
| Pennsylvania   | Westmoreland Co | 15.6 | 39.8 | 12.5 | 32.0 | 11.8 | 30.5 |
| Pennsylvania   | York Co         | 16.9 | 42.5 | 14.2 | 38.0 | 13.5 | 37.1 |
| Rhode Island   | Kent Co         | 9.0  | 29.6 | 7.7  | 23.9 | 7.4  | 22.9 |
| Rhode Island   | Providence Co   | 11.5 | 30.7 | 10.0 | 27.2 | 9.7  | 26.6 |
| South Carolina | Beaufort Co     | 11.0 | 26.6 | 9.8  | 23.5 | 9.5  | 22.6 |
| South Carolina | Charleston Co   | 11.9 | 27.6 | 10.8 | 25.1 | 10.3 | 24.3 |
| South Carolina | Chesterfield Co | 12.4 | 26.4 | 10.8 | 22.4 | 10.1 | 21.0 |
| South Carolina | Edgefield Co    | 12.8 | 28.2 | 11.5 | 24.8 | 10.9 | 23.5 |
| South Carolina | Florence Co     | 13.2 | 28.1 | 11.7 | 24.8 | 11.0 | 23.6 |
| South Carolina | Georgetown Co   | 13.3 | 28.4 | 11.7 | 25.4 | 11.2 | 24.7 |
| South Carolina | Greenville Co   | 15.4 | 33.1 | 13.3 | 28.6 | 12.4 | 27.2 |
| South Carolina | Greenwood Co    | 14.0 | 29.6 | 12.1 | 25.3 | 11.3 | 23.5 |
| South Carolina | Horry Co        | 11.2 | 23.8 | 9.7  | 22.2 | 9.1  | 21.3 |
| South Carolina | Lexington Co    | 14.6 | 29.5 | 12.9 | 26.2 | 12.2 | 24.9 |
| South Carolina | Oconee Co       | 11.5 | 29.6 | 9.8  | 24.8 | 9.1  | 23.0 |
| South Carolina | Richland Co     | 14.5 | 29.9 | 12.8 | 25.9 | 12.1 | 24.5 |
| South Carolina | Spartanburg Co  | 14.5 | 31.2 | 12.5 | 27.4 | 11.7 | 26.1 |
| South Dakota   | Brookings Co    | 9.4  | 24.6 | 8.4  | 22.0 | 8.1  | 21.0 |

|              |               |      |      |      |      |      |      |
|--------------|---------------|------|------|------|------|------|------|
| South Dakota | Brown Co      | 8.3  | 20.0 | 7.6  | 18.3 | 7.4  | 17.7 |
| South Dakota | Jackson Co    | 5.5  | 13.6 | 5.3  | 13.1 | 5.2  | 12.8 |
| South Dakota | Meade Co      | 6.3  | 15.7 | 6.0  | 15.1 | 6.0  | 15.1 |
| South Dakota | Minnehaha Co  | 9.8  | 25.3 | 8.9  | 22.8 | 8.5  | 21.9 |
| South Dakota | Pennington Co | 7.7  | 21.2 | 7.5  | 20.1 | 7.4  | 20.0 |
| Tennessee    | Blount Co     | 14.4 | 33.9 | 12.5 | 29.2 | 12.0 | 28.1 |
| Tennessee    | Davidson Co   | 15.6 | 35.9 | 14.2 | 32.5 | 14.1 | 31.8 |
| Tennessee    | Dyer Co       | 12.4 | 29.0 | 11.2 | 25.6 | 11.0 | 25.2 |
| Tennessee    | Hamilton Co   | 17.2 | 37.0 | 15.5 | 33.5 | 15.0 | 32.4 |
| Tennessee    | Knox Co       | 18.5 | 38.4 | 16.1 | 33.2 | 15.6 | 32.5 |
| Tennessee    | Lawrence Co   | 12.7 | 31.6 | 11.2 | 27.0 | 11.0 | 26.1 |
| Tennessee    | McMinn Co     | 15.3 | 34.4 | 13.6 | 30.2 | 13.2 | 29.1 |
| Tennessee    | Maury Co      | 13.7 | 31.9 | 13.2 | 30.4 | 13.7 | 31.2 |
| Tennessee    | Montgomery Co | 13.8 | 31.5 | 12.2 | 26.6 | 12.0 | 25.7 |
| Tennessee    | Putnam Co     | 13.9 | 31.6 | 12.2 | 27.5 | 11.7 | 26.3 |
| Tennessee    | Roane Co      | 15.6 | 35.0 | 13.5 | 30.0 | 12.9 | 28.6 |
| Tennessee    | Shelby Co     | 14.8 | 34.2 | 13.8 | 31.8 | 14.2 | 32.9 |
| Tennessee    | Sullivan Co   | 15.7 | 36.7 | 14.0 | 31.6 | 13.7 | 30.6 |
| Tennessee    | Sumner Co     | 14.5 | 31.9 | 13.0 | 28.4 | 12.8 | 27.6 |
| Texas        | Bowie Co      | 14.1 | 31.1 | 12.9 | 28.8 | 12.8 | 28.7 |
| Texas        | Cameron Co    | 9.9  | 23.4 | 9.3  | 21.8 | 9.2  | 21.5 |
| Texas        | Dallas Co     | 13.8 | 32.3 | 12.7 | 31.1 | 12.4 | 30.4 |
| Texas        | Ector Co      | 7.6  | 16.5 | 7.7  | 16.7 | 7.5  | 16.3 |
| Texas        | Galveston Co  | 9.6  | 25.1 | 8.7  | 22.7 | 8.6  | 22.5 |
| Texas        | Gregg Co      | 12.5 | 31.7 | 11.4 | 28.7 | 11.3 | 28.5 |
| Texas        | Harris Co     | 14.1 | 30.6 | 13.8 | 29.8 | 14.0 | 30.2 |
| Texas        | Hidalgo Co    | 10.8 | 27.1 | 10.5 | 25.9 | 10.6 | 26.0 |
| Texas        | Jefferson Co  | 11.3 | 31.4 | 10.7 | 29.4 | 10.8 | 29.8 |
| Texas        | Lubbock Co    | 7.7  |      | 7.2  |      | 7.4  |      |
| Texas        | Nueces Co     | 10.3 | 22.6 | 10.0 | 21.9 | 10.0 | 22.0 |
| Texas        | Orange Co     | 11.4 | 31.1 | 10.8 | 29.2 | 11.0 | 29.6 |
| Texas        | Tarrant Co    | 12.4 | 28.8 | 11.1 | 25.7 | 10.9 | 25.2 |
| Utah         | Box Elder Co  | 9.0  | 41.6 | 8.5  | 37.9 | 8.4  | 37.0 |
| Utah         | Cache Co      | 12.9 | 54.2 | 12.8 | 53.6 | 12.8 | 53.6 |
| Utah         | Salt Lake Co  | 14.1 | 57.2 | 13.6 | 52.6 | 13.5 | 51.3 |
| Utah         | Utah Co       | 10.8 | 44.6 | 10.4 | 41.0 | 10.3 | 40.1 |
| Utah         | Weber Co      | 9.7  | 41.8 | 9.3  | 36.6 | 9.2  | 36.0 |

|               |                     |      |      |      |      |      |      |
|---------------|---------------------|------|------|------|------|------|------|
| Vermont       | Chittenden Co       | 9.5  | 28.7 | 8.5  | 25.4 | 8.3  | 24.8 |
| Virginia      | Arlington Co        | 14.6 | 36.8 | 12.3 | 32.7 | 11.8 | 32.0 |
| Virginia      | Charles City Co     | 13.3 | 32.7 | 11.2 | 26.7 | 10.6 | 25.1 |
| Virginia      | Chesterfield Co     | 13.9 | 33.5 | 11.8 | 28.5 | 11.2 | 26.8 |
| Virginia      | Fairfax Co          | 14.3 | 36.3 | 11.7 | 30.3 | 11.1 | 29.4 |
| Virginia      | Henrico Co          | 13.9 | 32.9 | 11.8 | 27.3 | 11.2 | 25.8 |
| Virginia      | Loudoun Co          | 13.7 | 35.1 | 11.1 | 29.1 | 10.5 | 28.2 |
| Virginia      | Page Co             | 13.2 | 30.0 | 10.7 | 25.9 | 10.0 | 24.4 |
| Virginia      | Bristol city        | 15.2 | 35.9 | 13.0 | 29.7 | 12.3 | 28.3 |
| Virginia      | Chesapeake city     | 13.0 | 30.5 | 11.1 | 25.4 | 10.6 | 24.6 |
| Virginia      | Hampton city        | 13.0 | 31.8 | 11.2 | 27.4 | 10.7 | 26.3 |
| Virginia      | Newport News city   | 12.3 | 29.5 | 10.4 | 24.6 | 9.8  | 23.3 |
| Virginia      | Norfolk city        | 13.3 | 30.7 | 11.5 | 25.9 | 11.1 | 25.1 |
| Virginia      | Richmond city       | 14.5 | 33.2 | 12.3 | 29.0 | 11.6 | 28.1 |
| Virginia      | Roanoke city        | 14.8 | 33.9 | 12.5 | 29.4 | 11.7 | 27.8 |
| Virginia      | Salem city          | 15.0 | 34.8 | 12.7 | 28.5 | 11.9 | 26.8 |
| Virginia      | Virginia Beach city | 12.9 | 29.9 | 11.2 | 26.4 | 10.7 | 25.8 |
| Washington    | Benton Co           | 6.8  | 21.9 | 6.6  | 21.3 | 6.6  | 21.2 |
| Washington    | Clark Co            | 9.8  | 36.2 | 9.3  | 34.5 | 9.5  | 35.3 |
| Washington    | King Co             | 11.6 | 34.6 | 10.9 | 32.3 | 11.1 | 32.8 |
| Washington    | Pierce Co           | 11.1 | 42.2 | 10.4 | 38.5 | 10.5 | 38.7 |
| Washington    | Snohomish Co        | 11.5 | 40.0 | 10.5 | 36.5 | 10.5 | 36.3 |
| Washington    | Spokane Co          | 10.3 | 32.4 | 10.1 | 31.3 | 10.2 | 31.6 |
| Washington    | Thurston Co         | 9.5  | 35.9 | 8.8  | 33.5 | 8.9  | 33.7 |
| Washington    | Whatcom Co          | 7.7  | 20.6 | 7.6  | 20.3 | 7.6  | 20.2 |
| Washington    | Yakima Co           | 10.3 | 37.8 | 10.1 | 37.3 | 10.2 | 37.6 |
| West Virginia | Berkeley Co         | 16.2 | 42.7 | 13.4 | 35.1 | 12.7 | 33.3 |
| West Virginia | Brooke Co           | 17.0 | 41.4 | 14.4 | 33.5 | 14.0 | 32.8 |
| West Virginia | Cabell Co           | 17.2 | 42.3 | 15.1 | 36.6 | 14.6 | 35.1 |
| West Virginia | Hancock Co          | 17.4 | 45.8 | 14.8 | 36.9 | 14.5 | 35.7 |
| West Virginia | Harrison Co         | 14.4 | 35.5 | 11.8 | 27.0 | 11.2 | 25.1 |
| West Virginia | Kanawha Co          | 17.8 | 40.2 | 15.2 | 32.7 | 14.6 | 31.2 |
| West Virginia | Marion Co           | 15.6 | 39.5 | 12.8 | 29.8 | 12.1 | 28.2 |
| West Virginia | Marshall Co         | 16.1 | 36.9 | 13.4 | 29.8 | 12.8 | 28.5 |
| West Virginia | Mercer Co           | 13.0 | 33.6 | 10.8 | 27.0 | 10.0 | 24.6 |
| West Virginia | Monongalia Co       | 15.0 | 37.4 | 12.2 | 28.9 | 11.3 | 26.8 |
| West Virginia | Ohio Co             | 15.4 | 36.5 | 12.7 | 28.8 | 12.2 | 27.4 |

|               |              |      |      |      |      |      |      |
|---------------|--------------|------|------|------|------|------|------|
| West Virginia | Raleigh Co   | 13.5 | 34.2 | 11.3 | 28.5 | 10.5 | 26.7 |
| West Virginia | Summers Co   | 10.5 | 30.0 | 8.6  | 24.0 | 7.9  | 22.2 |
| West Virginia | Wood Co      | 16.9 | 39.5 | 14.1 | 33.0 | 13.8 | 32.8 |
| Wisconsin     | Brown Co     | 11.5 | 32.1 | 10.7 | 29.5 | 10.5 | 28.8 |
| Wisconsin     | Dane Co      | 12.8 | 34.3 | 11.6 | 30.9 | 11.2 | 29.7 |
| Wisconsin     | Dodge Co     | 11.4 | 33.1 | 10.4 | 30.1 | 10.1 | 29.2 |
| Wisconsin     | Grant Co     | 11.8 | 29.2 | 10.7 | 26.7 | 10.5 | 26.4 |
| Wisconsin     | Kenosha Co   | 11.9 | 30.9 | 11.0 | 28.5 | 10.8 | 27.8 |
| Wisconsin     | Manitowoc Co | 10.1 | 28.9 | 9.2  | 26.5 | 8.9  | 26.0 |
| Wisconsin     | Milwaukee Co | 13.7 | 37.4 | 12.9 | 35.0 | 12.7 | 34.5 |
| Wisconsin     | Outagamie Co | 11.0 | 31.4 | 10.1 | 28.7 | 9.8  | 28.0 |
| Wisconsin     | Vilas Co     | 6.3  | 17.9 | 5.7  | 16.4 | 5.6  | 15.9 |
| Wisconsin     | Waukesha Co  | 13.6 | 34.9 | 12.5 | 32.2 | 12.2 | 31.5 |
| Wyoming       | Campbell Co  | 6.4  | 17.7 | 6.3  | 17.5 | 6.5  | 18.0 |
| Wyoming       | Laramie Co   | 5.1  | 12.9 | 5.3  | 13.2 | 5.4  | 13.5 |
| Wyoming       | Sheridan Co  | 10.8 | 32.8 | 10.5 | 31.7 | 10.5 | 31.8 |

<sup>1</sup>The 1999-2003 weighted average design values are meant to represent the base modeling year (2001) and were the starting point for the projections to 2010 and 2015 presented here. These are not “true” design values. As a result, the counties presented here with weighted average design values exceeding the level of the standards are not the same as those represented by the latest official design values (2002-2004).