Calculating the Food Stamp Program
Access Index: A Step-by-Step Guide
Food \& Nutrition Service

## Introduction

The Program Access Index (PAI) is one of the measures FNS uses to reward States for high performance in the administration of the Food Stamp Program. ${ }^{1}$ Performance awards were authorized by the Farm Security and Rural Investment Act of 2002 (also known as the 2002 Farm Bill). The PAI is designed to indicate the degree to which low-income people have access to food stamp benefits.

The PAI is not, strictly speaking, a measure of participation among people eligible for benefits. For most purposes, the participation rate among people eligible for benefits is a better measure of program performance. ${ }^{2}$ FNS uses the povertybased PAI because it is the best measure available in time to meet the law's requirements. The 2002 Farm Bill that authorizes the State performance awards requires payment by the end of the fiscal year following the period of performance - by September 2008 for performance during fiscal year 2007, for example. The timing of the release of the official poverty statistics each year enables calculation of a PAI in time to meet the law's requirements. There is not enough time to complete the more precise estimates of the number of people eligible for food stamp benefits. Waiting for the more precise estimates is inconsistent with the law and would also delay payments to States.

FNS issued a final rule on February 7, 2005 codifying the procedures for calculating and

[^0]awarding performance bonuses for calendar year 2005 and beyond. For this access measure, FNS uses the American Community Survey (ACS) for poverty count estimates. ${ }^{3}$ In addition, the final rule changed the name of the measure to the Program Access Index (PAI).

The purpose of this step-by-step guide is to describe the calculation of the PAI in detail. It includes all of the data, adjustments, and calculations used in determining the PAI for every State in 2007.

## Calculating the PAI

In general, the PAI is a simple index of the average monthly number of food stamp participants over the course of a calendar year to the number of people with income below 125 percent of the official poverty line in each State. FNS computes average monthly participation over a calendar year - rather than the Federal fiscal year - to better align the participation count with the annual poverty measure.

FNS makes an adjustment to the counts of participants, the numerator of this index, to better reflect State performance in the administration of the Food Stamp Program. FNS subtracts out estimates of the number of people who received food stamp disaster assistance. Disaster assistance is approved in limited circumstances and operates under special rules that differ from those of the regular Food

[^1]Stamp Program. The adjustment is intended to account for only those disaster assistance recipients who are new to the program - not existing participants who are issued replacement benefits. The quality of this adjustment depends in part on the accuracy of data reported by States to FNS on the operations of disaster assistance programs.

FNS makes two adjustments to the poverty counts, the denominator of the index. Participants in the Food Distribution Program on Indian Reservations (FDPIR) are subtracted from the number of people with income below 125 percent of poverty in each State. Participants in the Food Distribution Program on Indian Reservations (FDPIR) would qualify for food stamps, but have opted to take the FDPIR commodity package instead. In addition, poor SSI recipients in California are subtracted from the number of people with income below 125
percent of poverty. By law, SSI recipients in California are ineligible for food stamps because they receive a State-funded cash supplement for food. The number of participants in FDPIR and California SSI recipients offers no information on the effectiveness of State food stamp agency operations.

FNS awards performance bonuses to the four States with the highest PAI and to the four States with the most improved PAI, provided that a State is eligible to receive such a bonus. A state agency is not eligible for a bonus payment in any fiscal year for which it has a liability amount as a result of an excessive payment error rate in the same year. If a State qualifies under both the best and most improved criteria, it is awarded the bonus for most improved, and the State with the next highest PAI is awarded a bonus for best performance.

## Step-By-Step Guide

The following provides a step-by-step description of the calculation of the PAI, using the calculation of the 2007 PAI for Kansas as an example. Calculations are made using unrounded numbers. The column references in the following example, along with the calculations for all States, can be found in the accompanying table: Food Stamp Program Access Index Calculation: 2007.

| Description | Example <br> (Kansas) |
| :--- | :---: |
| Step 1: $\quad$ Determine number of food stamp participants (CY 2007) | Column B: |
| The number of annual food stamp participants is the sum of the monthly counts from <br> January to December 2007. The monthly counts are extracted from the Food and <br> Nutrition Service National Data Bank and displayed in the FSP Participants table. The <br> annual total is calculated in the last column of FSP Participants, and carried into <br> Column B of PAI Calculation. | $2,195,480$ |
| Step 2: $\quad$ Determine number of FDPIR participants (CY 2007) | Column C: |
| The number of annual FDPIR participants is the sum of the monthly counts from <br> January to December 2007. The monthly counts are extracted from the Food and <br> Nutrition Service National Data Bank and displayed in the FDPIR Participants table. <br> The annual total is calculated in the last column of FDPIR Participants, and carried into <br> Column C of PAI Calculation. | 4,231 |
| Step 3: $\quad$ Determine number of disaster assistance participants (CY 2007) |  |


| The number of disaster assistance participants is calculated in the table: Disaster Assistance 2007. State and disaster specific adjustments are made to reflect the disaster policy in effect. For disasters that lasted more than a month, the reduction in participation was adjusted to reflect that. The annual total for all States is displayed in Column I of Disaster Assistance, and carried into Column D of PAI Calculation. | 3,459 |
| :---: | :---: |
| Step 4: Calculate adjusted number of annual participants (CY 2007) <br> The adjusted annual number of participants is the annual number of FSP participants (Column B) minus the number of disaster assistance recipients (Column D). | Column E: $\begin{array}{r} 2,195,480 \\ -3,459 \\ =2,192,021 \\ \hline \end{array}$ |
| Step 5: Calculate adjusted average monthly participants (CY 2007) <br> The adjusted monthly average number of participants is equal to the annual number (Column E) divided by 12. | Column F: $\begin{array}{r} 2,192,021 \\ \div 12 \\ =182,668 \end{array}$ |
| Step 6: Determine the number of individuals with income below 125 percent of poverty <br> Estimates of the number of people with income below 125 percent of poverty are published annually by the Bureau of the Census and are available on-line via the American FactFinder website (http://factfinder.census.gov/). The 2007 ACS estimates are displayed in Column G. | Column G: $409,161$ |
| Step 7: Calculate adjustment for SSI recipients in California <br> This adjustment is based on the number of SSI recipients among the population with income below 125 percent of the official poverty threshold in California. In 2007 346,473 poor individuals are estimated to have received SSI in California. Column H provides the estimate based on the 2006 ACS, which was then adjusted to 2007. This statistic was calculated on-line using the DataFerrett website (http://dataferrett.census.gov/). | Column H: <br> N/A |
| Step 8: Calculate monthly FDPIR participants (CY 2007) <br> The monthly average number of FDPIR participants is equal to the annual number of FDPIR participants (Column C) divided by 12. | Column I: $\begin{array}{r} 4,231 \\ \div 12 \\ =353 \end{array}$ |



## Calculation of Food Stamp Program Access Index: 2007

## Worksheet Name

PAI Calculation

FSP Participants

FDPIR Participants

Disaster Assistance

## Column Description

B
C
D
(set equal to column G - column H-column I)
Program Access Index (set equal to column F divided by column J)
L Rank of program access index, in descending order
M Program Access Index, 2006
N Percentage point difference (set equal to column K - column M)
O Rank of differences, in descending order

Counts of individual food stamp participants by State and month in calendar year 2007. Extracted from National Data Bank in August 2008. Annual total shown in last column.

Counts of individual participants in Food Distribution Program on Indian Reservations by State and month in calendar year 2007. Extracted from National Data Bank in August 2008.
Annual total shown in last column.

Counts of individual recipients of disaster assistance; includes only new participants, excludes replacement issuances.

|  | A | B | C | D | E | F | G | H | 1 | J | K | L | M | N | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Food Stamp Program Access Index Calculation: 2007* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 |  | Annual Food Stamp Participants | AnnualFDPIRParticipants |  | $\begin{gathered} \text { Adjusted } \\ \text { Annual } \\ \text { Participation } \\ \hline \end{gathered}$ | $\qquad$ | ACS 125\% Poverty Count | CA SSI <br> Adjustment | Monthly FDPIR Participants | Adjusted Poverty Count |  |  |  |  |  |
| 3 | State |  |  | Disaster Assistance |  |  |  |  |  |  | 2007 PAI | Rank | ${\underset{x}{20}}_{2006 \text { PAI }}$ | Improvement | Rank |
| 4 | Alabama | 6,577,822 | - |  | 6,577,822 | 548,152 | 991,199 |  | - | 991,199 | 0.553 | 26 | 0.556 | -0.0030 | 44 |
| 5 | Alaska | 672,120 | 61 |  | 672,120 | 56,010 | 88,615 |  | 5 | 88,610 | 0.632 | 13 | 0.614 | 0.0181 | 25 |
| 6 | Arizona | 6,699,161 | 160,992 |  | 6,699,161 | 558,263 | 1,179,715 |  | 13,416 | 1,166,299 | 0.479 | 37 | 0.477 | 0.0013 | 40 |
| 7 | Arkansas | 4,532,546 | - |  | 4,532,546 | 377,712 | 647,385 |  | - | 647,385 | 0.583 | 19 | 0.607 | -0.0231 | 50 |
| 8 | California | 24,892,577 | 75,999 | 29,045 | 24,863,532 | 2,071,961 | 6,183,754 | 346,473 | 6,333 | 5,830,947 | 0.355 | 48 | 0.327 | 0.0283 | 17 |
| 9 | Colorado | 2,991,175 | 5,905 |  | 2,991,175 | 249,265 | 746,809 |  | 492 | 746,317 | 0.334 | 51 | 0.346 | -0.0123 | 47 |
| 10 | Connecticut | 2,577,838 | - |  | 2,577,838 | 214,820 | 361,345 |  | - | 361,345 | 0.595 | 16 | 0.570 | 0.0242 | 18 |
| 11 | Delaware | 822,922 | - |  | 822,922 | 68,577 | 120,174 |  | - | 120,174 | 0.571 | 21 | 0.574 | -0.0032 | 45 |
| 12 | District of Columbia | 1,038,691 | - |  | 1,038,691 | 86,558 | 115,500 |  | - | 115,500 | 0.749 | 3 | 0.696 | 0.0536 | 5 |
| 13 | Florida | 15,202,803 | - |  | 15,202,803 | 1,266,900 | 2,988,333 |  | - | 2,988,333 | 0.424 | 45 | 0.404 | 0.0200 | 22 |
| 14 | Georgia | 11,458,939 | - | 2,252 | 11,456,687 | 954,724 | 1,746,463 |  | - | 1,746,463 | 0.547 | 27 | 0.536 | 0.0102 | 30 |
| 15 | Hawaii | 1,086,274 | - |  | 1,086,274 | 90,523 | 132,329 |  | - | 132,329 | 0.684 | 6 | 0.561 | 0.1234 |  |
| 16 | Idaho | 1,063,818 | 18,930 |  | 1,063,818 | 88,652 | 250,886 |  | 1,578 | 249,309 | 0.356 | 47 | 0.357 | -0.0018 | 43 |
| 17 | Illinois | 15,072,274 | - |  | 15,072,274 | 1,256,023 | 1,978,464 |  | - | 1,978,464 | 0.635 | 12 | 0.606 | 0.0292 | 16 |
| 18 | Indiana | 7,116,135 | - |  | 7,116,135 | 593,011 | 1,009,823 |  | - | 1,009,823 | 0.587 | 17 | 0.567 | 0.0198 | 23 |
| 19 | lowa | 2,896,259 | - | 176 | 2,896,083 | 241,340 | 423,285 |  | - | 423,285 | 0.570 | 22 | 0.529 | 0.0409 | 8 |
| 20 | Kansas | 2,195,480 | 4,231 | 3,459 | 2,192,021 | 182,668 | 409,161 |  | 353 | 408,808 | 0.447 | 42 | 0.409 | 0.0379 | 11 |
| 21 | Kentucky | 7,302,629 | - |  | 7,302,629 | 608,552 | 908,556 |  | - | 908,556 | 0.670 | 9 | 0.657 | 0.0126 | 28 |
| 22 | Louisiana | 7,856,019 | - |  | 7,856,019 | 654,668 | 1,002,146 |  | - | 1,002,146 | 0.653 | 10 | 0.645 | 0.0084 | 32 |
| 23 | Maine | 1,970,090 | - |  | 1,970,090 | 164,174 | 209,978 |  | - | 209,978 | 0.782 | 2 | 0.742 | 0.0396 | 9 |
| 24 | Maryland | 3,904,171 | - |  | 3,904,171 | 325,348 | 603,231 |  | - | 603,231 | 0.539 | 29 | 0.537 | 0.0026 | 39 |
| 25 | Massachusetts | 5,574,052 | - |  | 5,574,052 | 464,504 | 794,212 |  | - | 794,212 | 0.585 | 18 | 0.536 | 0.0484 | 6 |
| 26 | Michigan | 14,572,634 | 19,173 |  | 14,572,634 | 1,214,386 | 1,788,490 |  | 1,598 | 1,786,892 | 0.680 | 7 | 0.675 | 0.0048 | 38 |
| 27 | Minnesota | 3,370,741 | 26,647 | 355 | 3,370,386 | 280,866 | 642,027 |  | 2,221 | 639,806 | 0.439 | 43 | 0.409 | 0.0295 | 15 |
| 28 | Mississippi | 5,170,257 | 8,901 |  | 5,170,257 | 430,855 | 763,723 |  | 742 | 762,981 | 0.565 | 25 | 0.525 | 0.0392 | 10 |
| 29 | Missouri | 10,007,283 | - |  | 10,007,283 | 833,940 | 1,002,892 |  | - | 1,002,892 | 0.832 | 1 | 0.775 | 0.0564 | 2 |
| 30 | Montana | 957,242 | 34,921 |  | 957,242 | 79,770 | 177,968 |  | 2,910 | 175,058 | 0.456 | 40 | 0.488 | -0.0326 | 51 |
| 31 | Nebraska | 1,446,650 | 11,676 |  | 1,446,650 | 120,554 | 269,581 |  | 973 | 268,608 | 0.449 | 41 | 0.443 | 0.0058 | 37 |
| 32 | Nevada | 1,512,714 | 16,423 |  | 1,512,714 | 126,060 | 357,464 |  | 1,369 | 356,095 | 0.354 | 49 | 0.337 | 0.0166 | 26 |
| 33 | New Hampshire | 719,227 | - |  | 719,227 | 59,936 | 125,246 |  | - | 125,246 | 0.479 | 38 | 0.425 | 0.0540 |  |
| 34 | New Jersey | 5,026,206 | - |  | 5,026,206 | 418,851 | 966,757 |  | - | 966,757 | 0.433 | 44 | 0.410 | 0.0230 | 20 |
| 35 | New Mexico | 2,785,713 | 39,329 |  | 2,785,713 | 232,143 | 453,080 |  | 3,277 | 449,803 | 0.516 | 32 | 0.528 | -0.0116 | 46 |
| 36 | New York | 21,764,190 | 4,381 |  | 21,764,190 | 1,813,683 | 3,329,531 |  | 365 | 3,329,166 | 0.545 | 28 | 0.526 | 0.0186 | 24 |
| 37 | North Carolina | 10,712,848 | 4,315 |  | 10,712,848 | 892,737 | 1,702,252 |  | 360 | 1,701,892 | 0.525 | 31 | 0.513 | 0.0112 | 29 |
| 38 | North Dakota | 556,040 | 59,187 | 50 | 555,990 | 46,333 | 96,092 |  | 4,932 | 91,160 | 0.508 | 33 | 0.473 | 0.0356 | 12 |
| 39 | Ohio | 13,068,082 | - |  | 13,068,082 | 1,089,007 | 1,927,694 |  | - | 1,927,694 | 0.565 | 24 | 0.557 | 0.0082 | 33 |
| 40 | Oklahoma | 5,024,340 | 316,000 |  | 5,024,340 | 418,695 | 749,148 |  | 26,333 | 722,815 | 0.579 | 20 | 0.571 | 0.0078 | 34 |
| 41 | Oregon | 5,307,385 | 9,952 | 3,337 | 5,304,048 | 442,004 | 644,448 |  | 829 | 643,619 | 0.687 | 5 | 0.679 | 0.0078 | 35 |
| 42 | Pennsylvania | 13,807,132 | - |  | 13,807,132 | 1,150,594 | 1,869,241 |  | - | 1,869,241 | 0.616 | 15 | 0.574 | 0.0411 |  |
| 43 | Rhode Island | 936,597 | - |  | 936,597 | 78,050 | 158,231 |  | - | 158,231 | 0.493 | 34 | 0.472 | 0.0210 | 21 |
| 44 | South Carolina | 6,624,211 | - |  | 6,624,211 | 552,018 | 861,586 |  | - | 861,586 | 0.641 | 11 | 0.617 | 0.0235 | 19 |
| 45 | South Dakota | 730,388 | 126,770 |  | 730,388 | 60,866 | 136,600 |  | 10,564 | 126,036 | 0.483 | 36 | 0.497 | -0.0140 | 49 |
| 46 | Tennessee | 10,449,822 | - |  | 10,449,822 | 870,819 | 1,244,230 |  | - | 1,244,230 | 0.700 | 4 | 0.693 | 0.0066 | 36 |
| 47 | Texas | 29,106,871 | - | 36,644 | 29,070,227 | 2,422,519 | 5,070,307 |  | - | 5,070,307 | 0.478 | 39 | 0.491 | -0.0137 | 48 |
| 48 | Utah | 1,492,350 | 2,348 |  | 1,492,350 | 124,363 | 356,297 |  | 196 | 356,101 | 0.349 | 50 | 0.351 | -0.0013 | 42 |
| 49 | Vermont | 638,074 | - |  | 638,074 | 53,173 | 85,025 |  | - | 85,025 | 0.625 | 14 | 0.570 | 0.0553 |  |
| 50 | Virginia | 6,234,380 | - |  | 6,234,380 | 519,532 | 975,451 |  | - | 975,451 | 0.533 | 30 | 0.533 | -0.0007 | 41 |
| 51 | Washington | 6,544,619 | 44,253 | 36,327 | 6,508,292 | 542,358 | 962,526 |  | 3,688 | 958,838 | 0.566 | 23 | 0.556 | 0.0099 | 31 |
| 52 | West Virginia | 3,245,332 | - |  | 3,245,332 | 270,444 | 398,915 |  | - | 398,915 | 0.678 | 8 | 0.646 | 0.0320 | 14 |
| 53 | Wisconsin | 4,651,073 | 44,275 | 236 | 4,650,837 | 387,570 | 797,250 |  | 3,690 | 793,560 | 0.488 | 35 | 0.474 | 0.0143 | 27 |
| 54 | Wyoming | 269,271 | 7,689 |  | 269,271 | 22,439 | 60,266 |  | 641 | 59,625 | 0.376 | 46 | 0.343 | 0.0331 | 13 |
| 55 | US | 320,235,467 | 1,042,358 | 111,881 | 320,123,586 | 26,676,965 | 50,863,681 | 346,473 | 86,863 | 50,430,344 | 0.5289864 |  | 0.513 | 0.0160 |  |
| 56 | * NOTE: Calculations use | unrounded numbers. |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 57 | ${ }^{*}$ Data unavailable in 200 | were used in the 200 | 07 improvement ca | alculation. |  |  |  |  |  |  |  |  |  |  |  |


| FSP Part. People Actual/Final |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State/Territory | Jan 2007 | Feb 2007 | Mar 2007 | Apr 2007 | May 2007 | Jun 2007 | Jul 2007 | Aug 2007 | Sep 2007 | Oct 2007 | Nov 2007 | Dec 2007 | Annual Sum |
| Alabama | 545,774 | 539,319 | 538,113 | 536,577 | 541,430 | 547,017 | 550,381 | 551,802 | 550,434 | 556,247 | 559,364 | 561,364 | 6,577,822 |
| Alaska | 56,194 | 57,220 | 58,886 | 59,662 | 59,931 | 59,379 | 57,367 | 56,856 | 56,119 | 48,870 | 47,344 | 54,292 | 672,120 |
| Arizona | 534,181 | 530,707 | 537,464 | 535,644 | 541,262 | 551,465 | 554,389 | 565,872 | 575,269 | 585,720 | 589,259 | 597,929 | 6,699,161 |
| Arkansas | 385,541 | 378,134 | 379,521 | 378,097 | 374,639 | 375,343 | 376,073 | 376,025 | 376,579 | 377,873 | 375,925 | 378,796 | 4,532,546 |
| California | 2,033,130 | 2,041,062 | 2,065,890 | 2,061,934 | 2,060,397 | 2,060,397 | 2,055,004 | 2,073,792 | 2,077,333 | 2,107,994 | 2,118,581 | 2,137,063 | 24,892,577 |
| Colorado | 253,858 | 249,593 | 254,504 | 251,269 | 250,547 | 251,360 | 248,026 | 247,523 | 244,250 | 246,532 | 245,938 | 247,775 | 2,991,175 |
| Connecticut | 211,460 | 209,927 | 210,750 | 211,234 | 211,601 | 212,334 | 213,999 | 216,669 | 217,900 | 219,905 | 220,701 | 221,358 | 2,577,838 |
| Delaware | 66,496 | 65,230 | 66,761 | 66,370 | 67,541 | 68,495 | 68,050 | 70,103 | 69,941 | 70,914 | 71,115 | 71,906 | 822,922 |
| District of Columbia | 84,035 | 85,047 | 86,080 | 81,313 | 86,542 | 87,866 | 83,197 | 89,598 | 89,582 | 85,563 | 90,177 | 89,691 | 1,038,691 |
| Florida | 1,216,090 | 1,193,991 | 1,200,508 | 1,190,171 | 1,218,894 | 1,254,115 | 1,263,801 | 1,288,658 | 1,300,754 | 1,332,076 | 1,359,634 | 1,384,111 | 15,202,803 |
| Georgia | 956,599 | 942,215 | 941,954 | 936,106 | 938,870 | 941,642 | 945,146 | 955,498 | 958,316 | 971,241 | 983,693 | 987,659 | 11,458,939 |
| Hawaii | 89,397 | 88,583 | 88,763 | 88,171 | 89,119 | 89,646 | 90,192 | 91,129 | 91,682 | 92,486 | 93,190 | 93,916 | 1,086,274 |
| Idaho | 87,450 | 87,254 | 88,693 | 88,113 | 87,741 | 86,946 | 86,343 | 87,771 | 87,232 | 90,059 | 91,768 | 94,448 | 1,063,818 |
| Illinois | 1,237,020 | 1,230,832 | 1,250,849 | 1,226,600 | 1,246,913 | 1,259,219 | 1,241,871 | 1,273,268 | 1,268,876 | 1,269,240 | 1,278,871 | 1,288,715 | 15,072,274 |
| Indiana | 589,303 | 583,210 | 587,152 | 583,789 | 585,245 | 586,156 | 589,626 | 596,507 | 595,284 | 607,782 | 605,377 | 606,704 | 7,116,135 |
| lowa | 236,103 | 236,336 | 239,167 | 239,277 | 240,022 | 241,112 | 239,957 | 242,343 | 243,783 | 245,282 | 245,674 | 247,203 | 2,896,259 |
| Kansas | 180,618 | 179,518 | 181,491 | 181,562 | 181,956 | 183,614 | 185,130 | 184,248 | 185,224 | 184,443 | 183,816 | 183,860 | 2,195,480 |
| Kentucky | 603,053 | 592,103 | 599,975 | 598,768 | 600,082 | 606,433 | 610,231 | 614,128 | 613,048 | 620,114 | 621,675 | 623,019 | 7,302,629 |
| Louisiana | 636,032 | 633,110 | 645,986 | 639,951 | 651,785 | 668,087 | 651,760 | 662,968 | 664,034 | 663,740 | 669,124 | 669,442 | 7,856,019 |
| Maine | 161,663 | 163,193 | 164,709 | 164,538 | 164,729 | 164,841 | 164,347 | 164,403 | 162,443 | 164,920 | 165,116 | 165,188 | 1,970,090 |
| Maryland | 312,287 | 308,367 | 311,027 | 313,257 | 314,830 | 320,171 | 324,245 | 332,353 | 334,543 | 342,126 | 344,700 | 346,265 | 3,904,171 |
| Massachusetts | 452,130 | 450,838 | 453,756 | 452,344 | 454,647 | 457,509 | 463,002 | 468,422 | 473,998 | 479,248 | 483,335 | 484,823 | 5,574,052 |
| Michigan | 1,199,323 | 1,197,856 | 1,205,126 | 1,208,166 | 1,210,925 | 1,212,513 | 1,213,879 | 1,219,200 | 1,217,334 | 1,225,285 | 1,228,992 | 1,234,035 | 14,572,634 |
| Minnesota | 269,723 | 263,735 | 278,049 | 280,923 | 283,762 | 284,638 | 285,543 | 286,167 | 284,710 | 275,735 | 288,113 | 289,643 | 3,370,741 |
| Mississippi | 425,009 | 417,346 | 416,683 | 417,008 | 422,095 | 430,516 | 432,712 | 438,005 | 438,494 | 442,007 | 444,261 | 446,121 | 5,170,257 |
| Missouri | 820,292 | 815,237 | 817,329 | 815,441 | 817,460 | 826,813 | 829,176 | 841,492 | 845,090 | 854,513 | 861,010 | 863,430 | 10,007,283 |
| Montana | 80,238 | 80,133 | 80,254 | 79,884 | 79,791 | 80,120 | 80,133 | 80,205 | 78,822 | 78,911 | 79,159 | 79,592 | 957,242 |
| Nebraska | 121,014 | 120,333 | 121,611 | 120,782 | 120,641 | 120,838 | 120,365 | 120,951 | 119,943 | 119,939 | 120,233 | 120,000 | 1,446,650 |
| Nevada | 119,715 | 118,613 | 119,454 | 121,244 | 122,470 | 123,448 | 125,709 | 128,708 | 130,278 | 132,935 | 134,223 | 135,917 | 1,512,714 |
| New Hampshire | 58,837 | 58,759 | 59,579 | 59,850 | 59,882 | 59,936 | 59,764 | 60,032 | 59,894 | 60,361 | 60,991 | 61,342 | 719,227 |
| New Jersey | 408,670 | 406,638 | 413,304 | 409,641 | 416,091 | 419,349 | 419,530 | 426,556 | 423,163 | 426,547 | 426,742 | 429,975 | 5,026,206 |
| New Mexico | 235,616 | 233,094 | 231,994 | 230,693 | 231,337 | 232,012 | 231,487 | 233,778 | 230,539 | 231,074 | 231,393 | 232,696 | 2,785,713 |
| New York | 1,802,101 | 1,803,316 | 1,810,094 | 1,805,436 | 1,801,853 | 1,801,707 | 1,792,916 | 1,816,805 | 1,823,494 | 1,825,759 | 1,830,858 | 1,849,851 | 21,764,190 |
| North Carolina | 879,784 | 870,023 | 870,376 | 868,892 | 874,694 | 883,722 | 892,615 | 905,103 | 908,025 | 915,318 | 921,145 | 923,151 | 10,712,848 |
| North Dakota | 44,061 | 44,346 | 45,141 | 46,379 | 46,547 | 46,614 | 46,571 | 46,904 | 46,866 | 47,306 | 47,543 | 47,762 | 556,040 |
| Ohio | 1,074,737 | 1,054,734 | 1,067,689 | 1,067,102 | 1,081,748 | 1,088,223 | 1,090,411 | 1,098,232 | 1,093,405 | 1,109,676 | 1,114,120 | 1,128,005 | 13,068,082 |
| Oklahoma | 422,987 | 417,349 | 416,012 | 415,594 | 416,548 | 416,949 | 417,826 | 422,824 | 419,592 | 421,566 | 419,932 | 417,161 | 5,024,340 |
| Oregon | 436,542 | 436,867 | 439,552 | 440,916 | 442,592 | 442,656 | 441,600 | 442,574 | 441,366 | 443,493 | 447,067 | 452,160 | 5,307,385 |
| Pennsylvania | 1,137,971 | 1,138,216 | 1,147,100 | 1,147,801 | 1,147,038 | 1,152,406 | 1,147,666 | 1,149,049 | 1,153,982 | 1,157,888 | 1,159,948 | 1,168,067 | 13,807,132 |
| Rhode Island | 73,182 | 75,171 | 75,882 | 76,038 | 77,298 | 77,798 | 78,556 | 79,405 | 79,551 | 81,417 | 82,161 | 80,138 | 936,597 |
| South Carolina | 543,781 | 535,266 | 538,805 | 537,002 | 539,053 | 545,309 | 549,801 | 556,961 | 558,622 | 569,204 | 573,479 | 576,928 | 6,624,211 |
| South Dakota | 59,645 | 59,155 | 60,633 | 62,119 | 60,026 | 62,017 | 61,009 | 60,848 | 61,331 | 59,680 | 62,052 | 61,873 | 730,388 |
| Tennessee | 870,101 | 850,941 | 857,363 | 856,677 | 857,443 | 864,666 | 873,218 | 880,939 | 874,795 | 891,779 | 886,806 | 885,094 | 10,449,822 |
| Texas | 2,405,259 | 2,372,966 | 2,399,654 | 2,388,620 | 2,392,619 | 2,420,808 | 2,427,305 | 2,444,566 | 2,452,664 | 2,475,348 | 2,469,132 | 2,457,930 | 29,106,871 |
| Utah | 128,278 | 125,061 | 125,530 | 122,640 | 122,473 | 122,559 | 121,907 | 123,438 | 122,379 | 124,276 | 126,188 | 127,621 | 1,492,350 |
| Vermont | 52,338 | 52,473 | 52,998 | 53,128 | 53,206 | 53,011 | 53,011 | 53,338 | 53,076 | 53,554 | 53,769 | 54,172 | 638,074 |
| Virginia | 513,572 | 511,744 | 512,872 | 510,231 | 513,584 | 515,279 | 517,101 | 523,325 | 521,974 | 527,906 | 532,499 | 534,293 | 6,234,380 |
| Washington | 541,851 | 536,957 | 547,423 | 539,125 | 536,775 | 535,595 | 527,410 | 530,136 | 530,563 | 533,265 | 553,659 | 631,860 | 6,544,619 |
| West Virginia | 271,520 | 268,684 | 268,282 | 268,624 | 267,535 | 269,324 | 270,157 | 271,237 | 270,690 | 273,852 | 270,937 | 274,490 | 3,245,332 |
| Wisconsin | 379,977 | 380,311 | 382,700 | 384,158 | 384,085 | 385,743 | 386,032 | 390,430 | 390,352 | 393,941 | 393,934 | 399,410 | 4,651,073 |
| Wyoming | 23,157 | 22,502 | 22,992 | 23,125 | 21,968 | 22,569 | 22,333 | 22,045 | 21,656 | 22,347 | 22,160 | 22,417 | 269,271 |
| US | 26,327,695 | 26,113,615 | 26,336,480 | 26,241,986 | 26,370,262 | 26,570,285 | 26,577,880 | 26,863,189 | 26,889,274 | 27,137,257 | 27,286,883 | 27,520,661 | 320,235,467 |



| CALENDAR YEAR 2007 DISASTER FOOD STAMP PROGRAM |  |  | DFSP <br> Duration | $\begin{aligned} & \text { Disaster } \\ & \mathrm{HHs} \end{aligned}$ | Actual Persons | $\begin{array}{\|l\|} \hline \text { Estimated } \\ \text { Persons } \end{array}$ | $\begin{aligned} & \text { Persons } X \\ & \text { Duration } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Month | Year State | Major Disaster Name |  |  |  |  |  |
| Mar | 2007 Georgia | Tornados |  | 514 | 1,221 |  |  |
| Mar | 2007 Georgia | Tornados |  | 383 | 1,031 |  |  |
| \|May-Jun | 2007 Iowa | Storms and Tornados |  | 55 | 133 |  |  |
| May-Jun | 2007 lowa | Storms and Tornados |  | 17 | 43 |  |  |
| May-Jun | 2007 Kansas | Tornados |  | 326 | 777 |  |  |
| May-Jun | 2007 Kansas | Tornados |  | 45 | 69 |  |  |
| Jun-Jul | 2007 Kansas | Flooding |  | 736 | 1,836 |  |  |
| Jun-Jul | 2007 Kansas | Flooding |  | 316 | 777 |  |  |
| Sep | 2007 Minnesota | Flooding |  | 124 | 320 |  |  |
| Sep | 2007 Minnesota | Flooding |  | 14 | 35 |  |  |
| Aug-Sep | 2007 Wisconsin | Flooding |  | 44 | 129 |  |  |
| Aug-Sep | 2007 Wisconsin | Flooding |  | 45 | 107 |  |  |
| Sep | 2007 Texas | Hurricane Humberto |  | 497 |  | 1,412 |  |
| Sep | 2007 Texas | Hurricane Humberto |  | 12,402 |  | 35,232 |  |
| Aug-Sep | 2007 N. Dakota | Tornados/Severe Storms |  | 13 | 50 |  |  |
| Oct-Nov | 2007 California | Wildfires |  | 8,441 | 28,451 |  |  |
| Oct-Nov | 2007 California | Wildfires |  | 171 | 594 |  |  |
| Dec | 2007 Oregon | Flooding |  | 890 | 2,572 |  |  |
| Dec | 2007 Oregon | Flooding |  | 322 | 765 |  |  |
| Dec | 2007 Washington | Flooding |  | 10,682 | 29,280 |  |  |
| Dec | 2007 Washington | Flooding |  | 3,346 | 7,047 |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | 2007 Georgia 2007 Iowa |  |  | 897 | 2,252 |  |  |
|  | 2007 Kansas |  |  | 1,423 | 3,459 |  |  |
|  | 2007 Minnesota |  |  | 138 | 355 |  |  |
|  | 2007 Wisconsin |  |  | 89 | 236 |  |  |
|  | 2007 Texas |  |  | 12,899 | 36,644 |  |  |
|  | 2007 N. Dakota |  |  | 13 | 50 |  |  |
|  | 2007 California |  |  | 8,612 | 29,045 |  |  |
|  | 2007 Oregon |  |  | 1,212 | 3,337 |  |  |
|  | 2007 Washington |  |  | 14,028 | 36,327 |  |  |

Sources:
(1) Disaster Food Stamp Program Chart, As of July 2008

Persons x Duration provides the overall disaster assistance over the duration of DFSP in the particular state.


[^0]:    ${ }^{1}$ Beginning October 1, 2008, the Food Stamp Program is renamed the Supplemental Nutrition Assistance Program.
    ${ }^{2}$ See for example Reaching Those in Need: State Food Stamp Participation Rates in 2005 by Laura Castner and Allen Schirm, available on-line at www.fns.usda.gov/oane/MENU/Published/SNAP/FI LES/Participation/Reaching2005.pdf

[^1]:    ${ }^{3}$ FNS did a comparative analysis of the merits of the ACS and CPS surveys and determined that the ACS provided a better basis for the calculation of the Program Access Index beginning with the 2005 high performance bonuses. See Estimating the Number of People in Poverty for the Program Access Index: The American Community Survey vs. the Current Population Survey available on-line at www.fns.usda.gov/snap/rules/Memo/06/080206a.pdf

