

**Table 59. Serious psychological distress in the past 30 days among adults aged 18 and over, by selected characteristics: United States, average annual, selected years 1997-1998 through 2010-2011**

(Data are based on household interviews of a sample of the civilian noninstitutionalized population)

Characteristic	1997-1998	1999-2000	2001-2002	2004-2005	2007-2008	2010-2011
Percent of persons with serious psychological distress <sup>1</sup>						
18 years and over, age-adjusted <sup>2,3</sup> .....	3.2	2.6	3.1	3.0	2.9	3.3
18 years and over, crude <sup>3</sup> .....	3.2	2.6	3.1	3.0	2.9	3.4
Age						
18-44 years.....	2.9	2.3	2.9	2.8	2.7	2.9
18-24 years.....	2.7	2.2	2.8	2.5	2.3	2.4
25-44 years.....	3.0	2.4	3.0	2.9	2.8	3.1
45-64 years.....	3.7	3.2	3.9	3.7	3.6	4.5
45-54 years.....	3.9	3.5	4.2	3.9	3.6	4.2
55-64 years.....	3.4	2.6	3.4	3.4	3.6	4.7
65 years and over.....	3.1	2.4	2.4	2.5	2.4	2.4
65-74 years.....	2.5	2.3	2.4	2.2	2.4	2.6
75 years and over.....	3.8	2.5	2.4	2.9	2.4	2.1
Sex <sup>2</sup>						
Male.....	2.5	2.0	2.4	2.3	2.2	2.8
Female.....	3.8	3.1	3.8	3.7	3.5	3.7
Race <sup>2,4</sup>						
White only.....	3.1	2.5	3.0	2.9	2.9	3.2
Black or African American only.....	4.0	2.9	3.5	3.6	3.2	3.7
American Indian or Alaska Native only.....	7.8	*7.2	8.1	*3.5	*	5.6
Asian only.....	2.0	*1.4	*1.8	1.7	*1.0	1.7
Native Hawaiian or Other Pacific Islander only.....	---	*	*	*	*	*
2 or more races.....	---	4.8	5.0	7.9	5.9	5.6
Hispanic origin and race <sup>2,4</sup>						
Hispanic or Latino.....	5.0	3.5	4.0	3.7	3.6	4.0
Mexican.....	5.2	2.9	3.8	3.6	3.3	3.6
Not Hispanic or Latino.....	3.0	2.5	3.1	3.0	2.8	3.2
White only.....	2.9	2.4	3.0	2.9	2.9	3.2
Black or African American only.....	3.9	2.9	3.5	3.6	3.1	3.7
Percent of poverty level <sup>2,5</sup>						
Below 100%.....	9.1	6.8	8.4	8.6	8.3	8.2
100%-199%.....	5.0	4.4	5.2	5.0	4.7	5.0
200%-399%.....	2.5	2.3	2.8	2.5	2.4	2.9
400% or more.....	1.3	1.2	1.3	1.1	1.1	1.2
Hispanic origin and race and percent of poverty level <sup>2,4,5</sup>						
Hispanic or Latino:						
Below 100%.....	8.6	6.1	7.5	6.6	7.0	7.5
100%-199%.....	5.4	3.8	4.1	3.9	4.5	4.3
200%-399%.....	3.4	2.1	3.5	2.6	2.2	3.1
400% or more.....	*	2.3	*	*1.9	*1.6	*1.4
Not Hispanic or Latino:						
White only:						
Below 100%.....	9.6	7.8	9.2	10.2	10.7	9.6
100%-199%.....	5.2	4.9	5.9	5.6	5.4	5.6
200%-399%.....	2.5	2.3	2.9	2.6	2.6	3.2
400% or more.....	1.3	1.1	1.3	1.1	1.0	1.1
Black or African American only:						
Below 100%.....	8.7	6.0	7.2	7.6	6.2	7.7
100%-199%.....	4.3	3.6	4.9	4.8	3.6	4.4
200%-399%.....	2.2	*1.7	2.3	2.1	2.4	1.9
400% or more.....	*	*1.0	*	*	*	*1.5
Geographic region <sup>2</sup>						
Northeast.....	2.7	1.9	2.8	2.5	2.6	3.0
Midwest.....	2.6	2.5	2.9	2.7	2.7	3.1
South.....	3.8	2.9	3.5	3.7	3.3	3.6
West.....	3.3	2.8	3.0	2.8	2.7	3.3
Location of residence <sup>2</sup>						
Within MSA <sup>6</sup> .....	3.0	2.3	3.0	2.8	2.7	3.1
Outside MSA <sup>6</sup> .....	3.9	3.5	3.8	4.0	3.7	4.0

\*Estimates are considered unreliable. Data preceded by an asterisk have a relative standard error (RSE) of 20%-30%. Data not shown have an RSE greater than 30%. ---Data not available.

<sup>1</sup>Serious psychological distress is measured by a six-question scale that asks respondents how often they experienced each of six symptoms of psychological distress in the past 30 days. See Appendix II, Serious psychological distress.

<sup>2</sup>Estimates are age-adjusted to the year 2000 standard population using five age groups: 18-44 years, 45-54 years, 55-64 years, 65-74 years, and 75 years and over. See Appendix II, Age adjustment.

<sup>3</sup>Includes all other races not shown separately.

<sup>4</sup>The race groups, white, black, American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and 2 or more races, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Starting with 1999 data, race-specific estimates are tabulated according to the 1997 Revisions to the Standards for the Classification of Federal Data on Race and Ethnicity and are not strictly comparable with estimates for earlier years. The five single-race categories plus multiple-race categories shown in the table conform to the 1997 Standards. Starting with 1999 data, race-specific estimates

are for persons who reported only one racial group; the category 2 or more races includes persons who reported more than one racial group. Prior to 1999, data were tabulated according to the 1977 Standards with four racial groups, and the Asian only category included Native Hawaiian or Other Pacific Islander. Estimates for single-race categories prior to 1999 included persons who reported one race or, if they reported more than one race, identified one race as best representing their race.

Starting with 2003 data, race responses of other race and unspecified multiple race were treated as missing, and then race was imputed if these were the only race responses.

Almost all persons with a race response of other race were of Hispanic origin.

See Appendix II, Hispanic origin; Race.

<sup>5</sup>Percent of poverty level is based on family income and family size and composition using U.S. Census Bureau poverty thresholds.

Missing family income data were imputed for 1997 and beyond.

See Appendix II, Family income; Poverty; Table VI.

<sup>6</sup>MSA is metropolitan statistical area. Starting with 2006-2007 data (shown in spreadsheet), MSA status is determined using 2000 census data and the 2000 standards for defining MSAs. For data prior to 2006, see Appendix II, Metropolitan statistical area (MSA) for the applicable standards.

NOTES: Standard errors for selected years are available in the spreadsheet version of this table. Available from: <http://www.cdc.gov/nchs/hus.htm>. Data for additional years are available. See Appendix III.

SOURCE: CDC/NCHS, National Health Interview Survey, sample adult questionnaire. See Appendix I, National Health Interview Survey (NHIS).

*Health, United States 2011 web updates*