

Table 63. Current cigarette smoking among adults aged 18-64, by urbanization level and selected characteristics: United States, average annual, 2002-2004 through 2009-2011

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

Urbanization level ¹ and selected characteristic	Current cigarette smoking ²		
	2002-2004	2005-2007	2009-2011
Geographic region ³	Percent of population, crude		
All regions:			
Metropolitan counties:			
Large central.....	21.1	20.4	18.0
Large fringe.....	21.5	19.5	20.0
Medium and small.....	25.4	24.6	23.1
Nonmetropolitan counties:			
Micropolitan.....	30.1	28.1	29.8
Nonmicropolitan.....	30.2	26.6	28.8
Northeast:			
Metropolitan counties:			
Large central.....	21.4	20.4	17.1
Large fringe.....	20.6	18.0	19.6
Medium and small.....	23.7	24.0	21.0
Nonmetropolitan counties:			
Micropolitan.....	30.2	29.0	30.2
Nonmicropolitan.....	31.0	20.9	26.8
Midwest:			
Metropolitan counties:			
Large central.....	26.5	25.8	22.4
Large fringe.....	23.9	24.3	22.3
Medium and small.....	27.5	27.0	26.2
Nonmetropolitan counties:			
Micropolitan.....	30.8	27.7	30.0
Nonmicropolitan.....	29.1	25.5	27.3
South:			
Metropolitan counties:			
Large central.....	22.6	21.0	19.8
Medium and small.....	27.5	25.9	24.8
Nonmetropolitan counties:			
Micropolitan.....	30.7	29.1	31.0
Nonmicropolitan.....	32.5	28.6	31.9
West:			
Metropolitan counties:			
Large central.....	17.1	16.9	15.0
Large fringe.....	18.4	15.0	16.9
Medium and small.....	19.9	20.0	18.5
Nonmetropolitan counties:			
Micropolitan.....	26.4	24.7	25.0
Nonmicropolitan.....	*22.2	25.8	25.6
Age			
18-44 years:			
Metropolitan counties:			
Large central.....	21.4	20.3	17.5
Large fringe.....	22.2	19.8	21.3
Medium and small.....	27.0	26.2	23.1
Nonmetropolitan counties:			
Micropolitan.....	32.5	30.0	31.5
Nonmicropolitan.....	33.0	28.7	30.4
45-64 years:			
Metropolitan counties:			
Large central.....	20.6	20.6	18.8
Large fringe.....	20.5	19.0	18.4
Medium and small.....	23.0	22.2	23.1
Nonmetropolitan counties:			
Micropolitan.....	26.4	25.9	27.8
Nonmicropolitan.....	26.6	24.2	27.1
Sex			
Men:			
Metropolitan counties:			
Large central.....	24.7	23.8	21.4
Large fringe.....	23.6	22.0	22.2
Medium and small.....	27.4	27.7	25.7
Nonmetropolitan counties:			
Micropolitan.....	32.3	30.3	32.0
Nonmicropolitan.....	33.1	28.2	31.7

Sex Percent of population, crude

Women:

Metropolitan counties:			
Large central.....	17.7	17.1	14.6
Large fringe.....	19.5	17.1	17.8
Medium and small.....	23.5	21.6	20.7
Nonmetropolitan counties:			
Micropolitan.....	28.1	26.1	27.8
Nonmicropolitan.....	27.2	25.0	26.1

Hispanic origin and race⁴

Hispanic or Latino:			
Metropolitan counties:			
Large central.....	16.1	14.2	13.5
Large fringe.....	15.5	14.5	12.4
Medium and small.....	17.6	17.0	14.1
Nonmetropolitan counties:			
Micropolitan.....	23.2	20.9	18.7
Nonmicropolitan.....	22.9	23.4	18.8

Not Hispanic or Latino:			
White only:			
Metropolitan counties:			
Large central.....	23.6	23.5	20.0
Large fringe.....	23.3	21.0	22.4
Medium and small.....	26.7	26.0	24.9
Nonmetropolitan counties:			
Micropolitan.....	31.1	28.9	31.2
Nonmicropolitan.....	30.2	27.1	29.7

Black or African American only:			
Metropolitan counties:			
Large central.....	23.7	24.5	21.5
Large fringe.....	17.4	16.8	16.6
Medium and small.....	24.6	24.8	23.8
Nonmetropolitan counties:			
Micropolitan.....	22.7	25.0	28.5
Nonmicropolitan.....	27.3	18.5	28.0

Percent of poverty level⁵

Below 100%:			
Metropolitan counties:			
Large central.....	26.2	24.6	23.0
Large fringe.....	27.9	30.5	31.5
Medium and small.....	34.9	32.0	32.1
Nonmetropolitan counties:			
Micropolitan.....	37.9	41.1	45.3
Nonmicropolitan.....	42.1	37.5	41.7

100%-199%:			
Metropolitan counties:			
Large central.....	23.1	21.8	20.8
Large fringe.....	29.0	26.8	27.7
Medium and small.....	32.7	31.1	29.7
Nonmetropolitan counties:			
Micropolitan.....	36.2	35.5	36.8
Nonmicropolitan.....	36.8	33.5	36.8

200%-399%:			
Metropolitan counties:			
Large central.....	23.2	22.7	19.7
Large fringe.....	24.8	22.1	23.8
Medium and small.....	26.4	26.0	24.7
Nonmetropolitan counties:			
Micropolitan.....	30.7	27.6	26.8
Nonmicropolitan.....	27.5	23.4	26.4

400% or more:			
Metropolitan counties:			
Large central.....	17.2	16.6	13.3
Large fringe.....	17.4	14.9	13.6
Medium and small.....	18.4	17.7	14.9
Nonmetropolitan counties:			
Micropolitan.....	21.2	18.0	18.6
Nonmicropolitan.....	21.7	18.5	16.7

Geographic region³ Percent of population, age-adjusted⁶

All regions:			
Metropolitan counties:			
Large central.....	21.2	20.4	18.0
Large fringe.....	21.6	19.5	20.2
Medium and small.....	25.5	24.7	23.2
Nonmetropolitan counties:			
Micropolitan.....	30.4	28.5	30.3
Nonmicropolitan.....	30.7	27.2	29.2

Northeast:			
Metropolitan counties:			
Large central.....	21.4	20.4	17.1
Large fringe.....	20.7	18.2	20.0
Medium and small.....	23.9	24.2	21.0
Nonmetropolitan counties:			
Micro-politan.....	30.4	29.6	30.3
Nonmicro-politan.....	31.2	21.9	27.9
Midwest:			
Metropolitan counties:			
Large central.....	26.5	25.9	22.2
Large fringe.....	23.9	24.4	22.5
Medium and small.....	27.5	27.1	26.3
Nonmetropolitan counties:			
Micro-politan.....	31.2	27.8	30.5
Nonmicro-politan.....	30.1	26.3	27.6
South:			
Metropolitan counties:			
Large central.....	22.7	21.0	20.0
Large fringe.....	21.6	18.8	19.9
Medium and small.....	27.5	25.9	24.8
Nonmetropolitan counties:			
Micro-politan.....	30.9	29.5	31.4
Nonmicro-politan.....	32.8	29.0	32.3
West:			
Metropolitan counties:			
Large central.....	17.1	16.9	14.9
Large fringe.....	18.3	15.0	16.9
Medium and small.....	19.9	20.1	18.6
Nonmetropolitan counties:			
Micro-politan.....	26.8	25.2	24.9
Nonmicro-politan.....	*23.5	26.7	25.9

Sex

Men:			
Metropolitan counties:			
Large central.....	24.7	23.8	21.3
Large fringe.....	23.7	22.0	22.5
Medium and small.....	27.5	27.7	25.7
Nonmetropolitan counties:			
Micro-politan.....	32.5	30.7	32.2
Nonmicro-politan.....	33.5	28.8	32.1

Sex Percent of population, age-adjusted⁶

Women:			
Metropolitan counties:			
Large central.....	17.8	17.2	14.6
Large fringe.....	19.6	17.1	18.0
Medium and small.....	23.6	21.8	20.8
Nonmetropolitan counties:			
Micro-politan.....	28.4	26.4	28.5
Nonmicro-politan.....	27.8	25.7	26.3

Hispanic origin and race⁴

Hispanic or Latino:			
Metropolitan counties:			
Large central.....	16.3	14.5	13.7
Large fringe.....	15.8	14.6	12.3
Medium and small.....	17.8	17.4	14.1
Nonmetropolitan counties:			
Micro-politan.....	23.7	20.5	18.5
Nonmicro-politan.....	23.9	23.9	19.0

Not Hispanic or Latino:

White only:

Metropolitan counties:			
Large central.....	23.8	23.8	20.1
Large fringe.....	23.6	21.4	23.1
Medium and small.....	27.0	26.5	25.2
Nonmetropolitan counties:			
Micro-politan.....	31.6	29.6	31.9
Nonmicro-politan.....	31.1	28.1	30.3

Black or African American only:

Metropolitan counties:			
Large central.....	23.9	24.6	21.7
Large fringe.....	17.7	16.8	16.6
Medium and small.....	24.8	24.9	23.8
Nonmetropolitan counties:			
Micro-politan.....	23.2	25.4	28.5
Nonmicro-politan.....	28.7	18.6	27.8

Percent of poverty level⁵

Below 100%:

Metropolitan counties:			
Large central.....	26.9	26.7	24.9
Large fringe.....	30.3	32.0	32.3
Medium and small.....	36.6	34.0	34.2
Nonmetropolitan counties:			
Micro-politan.....	40.7	42.6	46.7
Nonmicro-politan.....	42.2	37.5	42.2

100%-199%:

Metropolitan counties:			
Large central.....	23.8	22.4	21.1
Large fringe.....	29.5	27.0	27.7
Medium and small.....	32.9	31.3	30.5
Nonmetropolitan counties:			
Micro-politan.....	36.4	35.9	36.8
Nonmicro-politan.....	37.0	33.6	36.8

200%-399%:

Metropolitan counties:			
Large central.....	23.3	22.6	19.6
Large fringe.....	24.8	22.2	23.8
Medium and small.....	26.3	25.9	24.6
Nonmetropolitan counties:			
Micro-politan.....	30.7	27.4	27.0
Nonmicro-politan.....	27.8	23.6	26.0

Percent of population, age-adjusted⁶

Percent of poverty level⁵

400% or more:

Metropolitan counties:			
Large central.....	17.4	16.7	13.4
Large fringe.....	17.8	15.1	14.1
Large fringe.....	18.9	18.7	14.8
Medium and small.....			
Nonmetropolitan counties:			
Micro-politan.....	22.4	19.2	18.4
Nonmicro-politan.....	21.7	19.2	17.7

*Estimates are considered unreliable. Data preceded by an asterisk have a relative standard error of 20%-30%.

¹Urbanization levels were developed by NCHS using information from the Office of Management and Budget, Department of Agriculture, and Census Bureau. More information on this urban-rural classification scheme is available from: http://www.cdc.gov/nchs/data_access/urban_rural.htm.

The classification codes were applied to county-level data and then aggregated into the five categories presented here. See Appendix II, Urbanization.

²Current cigarette smokers were defined as ever smoking 100 cigarettes in their lifetime and smoking now every day or some days. See Appendix II, Cigarette smoking.

³See Appendix II, Geographic region.

⁴Persons of Hispanic origin may be of any race.

In this table, data are presented for non-Hispanic white only and non-Hispanic black only race groups. 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*. The single-race categories shown in the table conform to the 1997 Standards. Race-specific estimates are for persons who reported only one racial group.

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.

⁵Percent 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.

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

⁶Estimates are age-adjusted to the year 2000 standard population using four age groups: 18-24 years, 25-34 years, 35-44 years, and 45-64 years. See Appendix II, Age adjustment.

NOTES: Standard errors are available in the spreadsheet version of this table. Available from: <http://www.cdc.gov/nchs/hs.htm>.

SOURCE: CDC/NCHS, National Health Interview Survey, family core and sample adult questionnaires and the 2006 NCHS urban-rural classification scheme for counties. See Appendix I, National Health Interview Survey (NHIS) and http://www.cdc.gov/nchs/data_access/urban_rural.htm.